

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
 Data File : BF121426.D
 Acq On : 25 Aug 2020 14:23
 Operator : JU/CG
 Sample : L3784-16MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

Manual Integrations
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mohammad
 8/26/2020 4:00:31 PM

Quant Time: Aug 25 15:15:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	152130	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	618592	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	335723	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	670230	20.00	ng	0.00
76) Chrysene-d12	13.86	240	548811	20.00	ng	0.02
86) Perylene-d12	15.27	264	655323	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	817471	88.11	ng	0.02
7) Phenol-d6	6.35	99	966764	81.63	ng	0.01
23) Nitrobenzene-d5	7.27	82	677185	61.91	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	323683	82.74	ng	0.01
45) 2-Fluorobiphenyl	9.06	172	1186570	64.77	ng	0.00
79) Terphenyl-d14	12.80	244	1274436	45.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	151335	36.047	ng	99
3) Pyridine	3.06	79	380628	33.780	ng	100
4) n-Nitrosodimethylamine	3.02	42	188750	41.155	ng	99
6) Aniline	6.36	93	388966	28.442	ng	# 76
8) 2-Chlorophenol	6.49	128	419123	43.223	ng	99
9) Benzaldehyde	6.25	77	241331	36.220	ng	97
10) Phenol	6.36	94	476215	38.347	ng	99
11) bis(2-Chloroethyl)ether	6.43	93	392323	41.019	ng	99
12) 1,3-Dichlorobenzene	6.63	146	411438	37.872	ng	99
13) 1,4-Dichlorobenzene	6.72	146	418544	38.163	ng	98
14) 1,2-Dichlorobenzene	6.86	146	396034	37.918	ng	99
15) Benzyl Alcohol	6.85	79	331465	46.514	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	509296	36.165	ng	76
17) 2-Methylphenol	6.97	107	324770	40.591	ng	# 93
18) Hexachloroethane	7.20	117	154122	37.741	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	259695	40.770	ng	99
20) 3+4-Methylphenols	7.13	107	411564	53.447	ng	# 78
22) Acetophenone	7.11	105	544073	37.621	ng	# 94
24) Nitrobenzene	7.29	77	414199	37.156	ng	97
25) Isophorone	7.53	82	767019	38.534	ng	98
26) 2-Nitrophenol	7.60	139	230085	40.244	ng	94
27) 2,4-Dimethylphenol	7.65	122	362856	44.478	ng	97
28) bis(2-Chloroethoxy)methane	7.73	93	484134	35.730	ng	99
29) 2,4-Dichlorophenol	7.85	162	347691	39.036	ng	97
30) 1,2,4-Trichlorobenzene	7.92	180	360863	35.429	ng	99
31) Naphthalene	8.00	128	1119050	36.348	ng	99
32) Benzoic acid	7.80	122	223883	36.999	ng	99
33) 4-Chloroaniline	8.06	127	275552	20.212	ng	99
34) Hexachlorobutadiene	8.12	225	205204	34.043	ng	99
35) Caprolactam	8.44	113	121414m	41.622	ng	
36) 4-Chloro-3-methylphenol	8.56	107	361986	40.183	ng	99
37) 2-Methylnaphthalene	8.69	142	766644	38.419	ng	100
38) 1-Methylnaphthalene	8.79	142	711861	37.519	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	359559	36.085	ng	99

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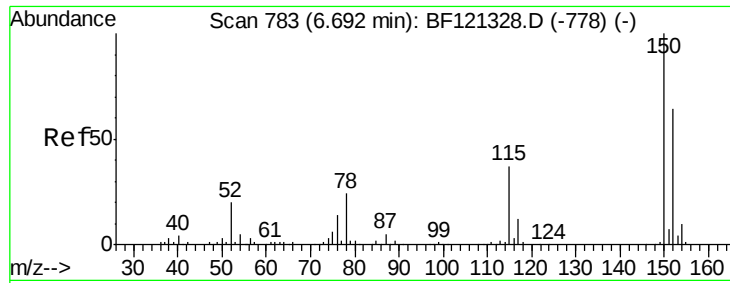
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	257623	66.419	nq	99
43) 2,4,6-Trichlorophenol	8.98	196	250824	36.821	nq	99
44) 2,4,5-Trichlorophenol	9.03	196	269830	38.501	nq	98
46) 1,1'-Biphenyl	9.16	154	923000	36.681	nq	99
47) 2-Chloronaphthalene	9.18	162	722277	34.841	nq	99
48) 2-Nitroaniline	9.29	65	240048	36.777	nq	93
49) Acenaphthylene	9.60	152	1143968	37.152	nq	99
50) Dimethylphthalate	9.46	163	1030789	42.203	nq	100
51) 2,6-Dinitrotoluene	9.53	165	199783	38.300	nq	92
52) Acenaphthene	9.77	154	667244	35.664	nq	98
53) 3-Nitroaniline	9.70	138	146410	22.437	nq	98
54) 2,4-Dinitrophenol	9.82	184	210301	83.626	nq	97
55) Dibenzofuran	9.94	168	971104	40.076	nq	98
56) 4-Nitrophenol	9.89	139	291943	72.544	nq	98
57) 2,4-Dinitrotoluene	9.94	165	235457	37.000	nq	# 89
58) Fluorene	10.28	166	763878	43.249	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.06	232	235088	39.240	nq	99
60) Diethylphthalate	10.16	149	878516	36.834	nq	99
61) 4-Chlorophenyl-phenylether	10.27	204	366251	40.830	nq	98
62) 4-Nitroaniline	10.32	138	232010	34.700	nq	99
63) Azobenzene	10.43	77	817909	36.921	nq	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	153666	42.871	nq	92
66) n-Nitrosodiphenylamine	10.40	169	751504	36.351	nq	99
67) 4-Bromophenyl-phenylether	10.76	248	260329	35.016	nq	99
68) Hexachlorobenzene	10.83	284	291982	34.071	nq	93
69) Atrazine	10.93	200	217905	34.025	nq	100
70) Pentachlorophenol	11.03	266	309730	81.231	nq	99
71) Phenanthrene	11.24	178	1247557	35.965	nq	100
72) Anthracene	11.30	178	1242473	37.196	nq	99
73) Carbazole	11.45	167	1192432	37.405	nq	100
74) Di-n-butylphthalate	11.78	149	1387016	36.081	nq	100
75) Fluoranthene	12.43	202	1486561	39.483	nq	99
77) Benzidine	12.56	184	767091	50.733	nq	99
78) Pyrene	12.66	202	1506686	36.548	nq	99
80) Butylbenzylphthalate	13.27	149	631673	35.659	nq	98
81) Benzo(a)anthracene	13.85	228	1272835	37.341	nq	98
82) 3,3'-Dichlorobenzidine	13.82	252	408193	31.189	nq	# 98
83) Chrysene	13.89	228	1275937	36.599	nq	98
84) Bis(2-ethylhexyl)phthalate	13.83	149	770430	36.983	nq	99
85) Di-n-octyl phthalate	14.45	149	1512648	39.237	nq	99
87) Indeno(1,2,3-cd)pyrene	16.66	276	1546745	38.666	nq	99
88) Benzo(b)fluoranthene	14.87	252	1448148	34.206	nq	100
89) Benzo(k)fluoranthene	14.90	252	1308318	35.106	nq	100
90) Benzo(a)pyrene	15.22	252	1301952	35.591	nq	100
91) Dibenzo(a,h)anthracene	16.67	278	1220539	37.213	nq	98
92) Benzo(g,h,i)perylene	17.07	276	1327773	41.409	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

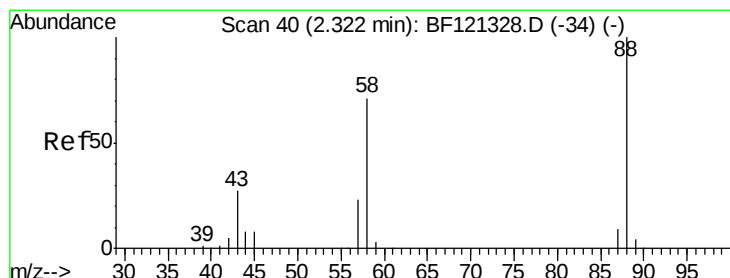
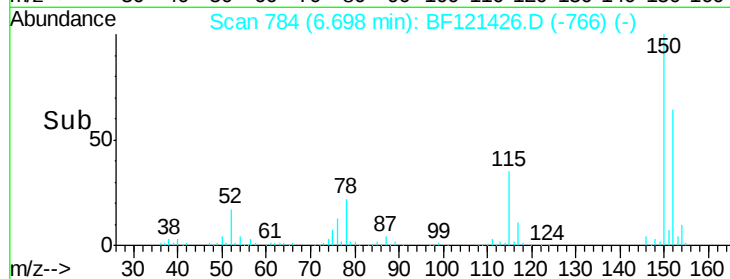
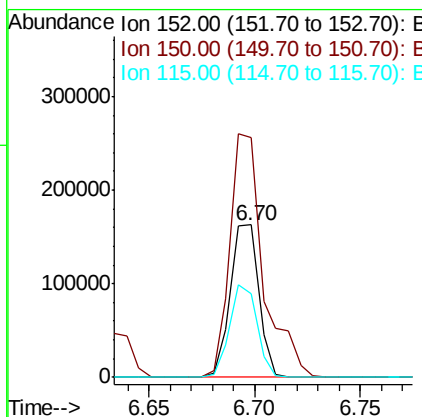
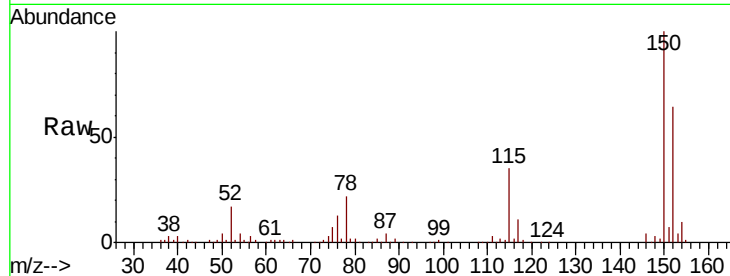
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampleId :
RO-04MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.8	187.2
115	54.8	46.1	69.1

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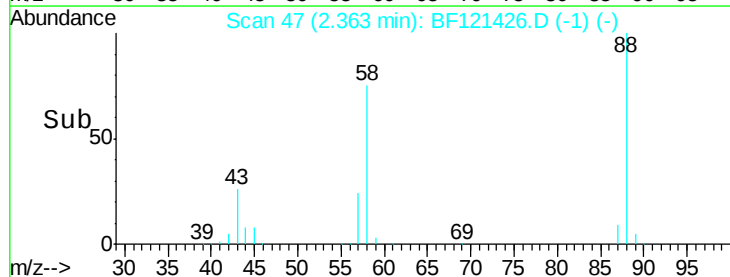
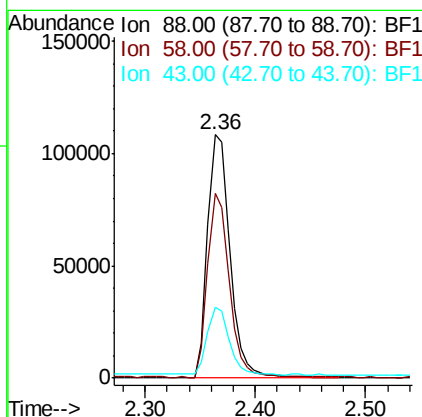
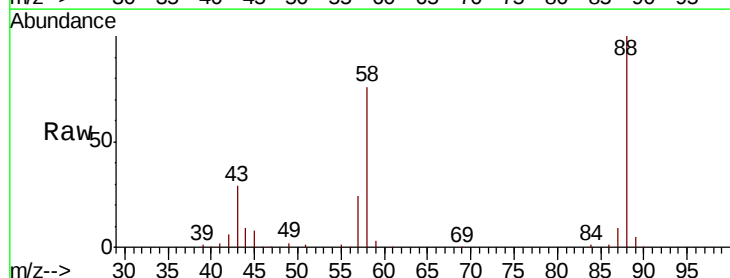
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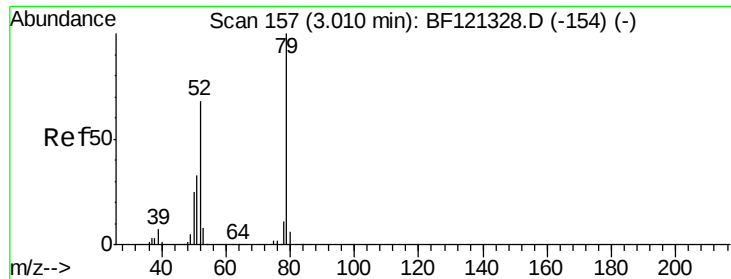


#2

1,4-Dioxane
Concen: 36.047 ng
RT: 2.36 min Scan# 47
Delta R.T. 0.04 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.5	58.5	87.7
43	26.9	21.8	32.8





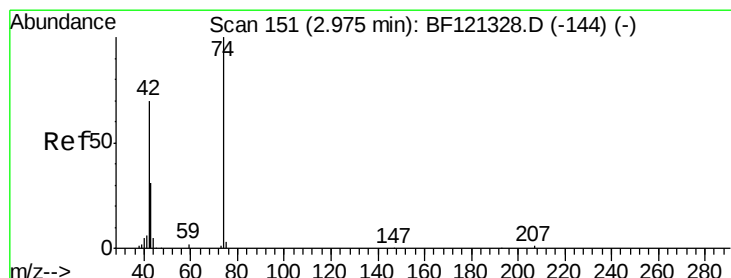
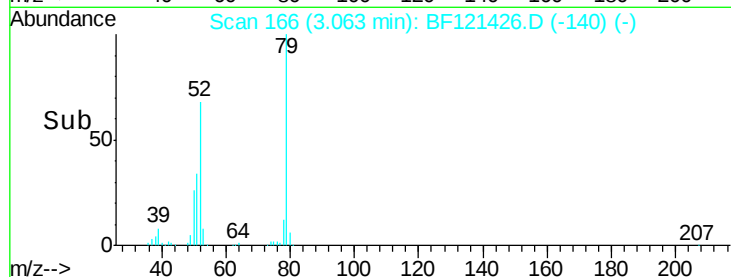
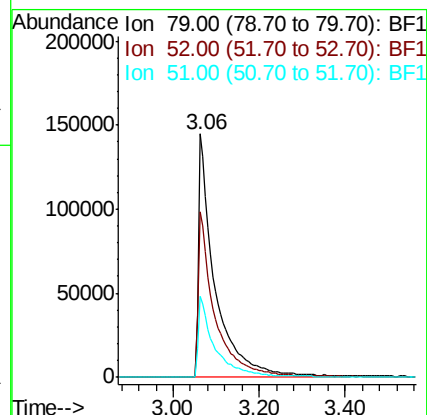
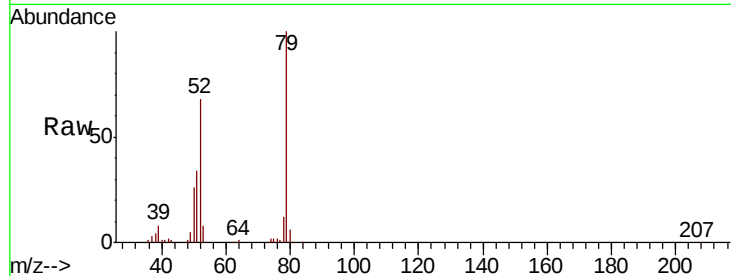
#3
 Pvridine
 Concen: 33.780 ng
 RT: 3.06 min Scan# 166
 Delta R.T. 0.05 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	380628		
52	52	67.9		54.6	82.0
51	51	33.5		27.0	40.6

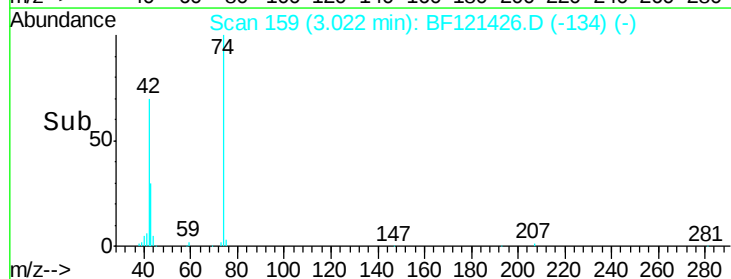
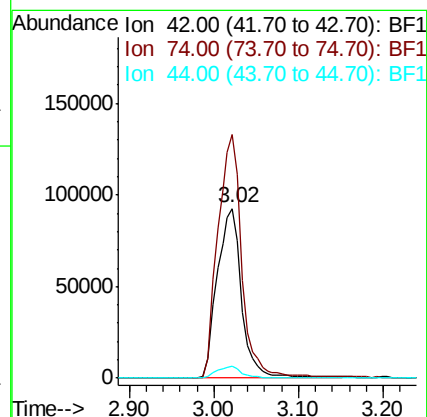
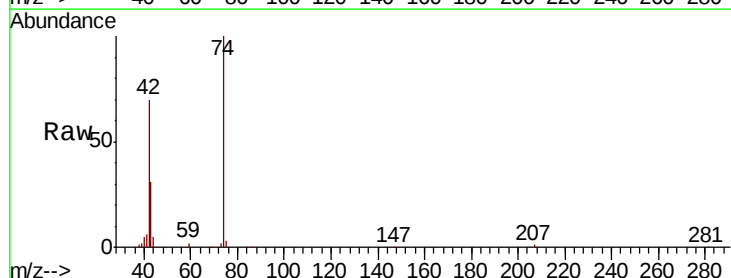
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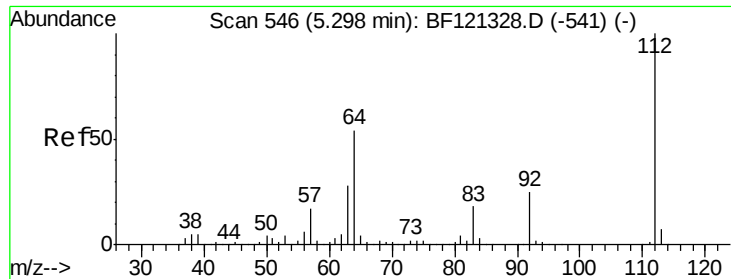
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#4
 n-Nitrosodimethylamine
 Concen: 41.155 ng
 RT: 3.02 min Scan# 159
 Delta R.T. 0.05 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	188750		
74	74	143.4		114.2	171.2
44	44	6.8		5.4	8.2





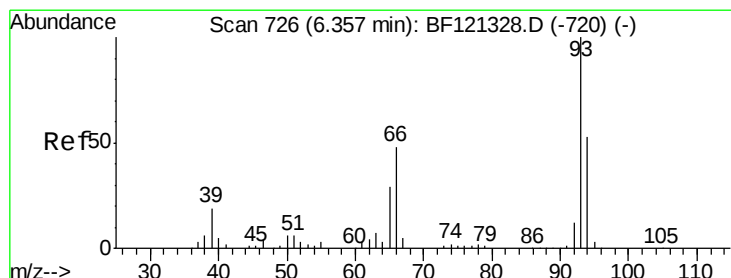
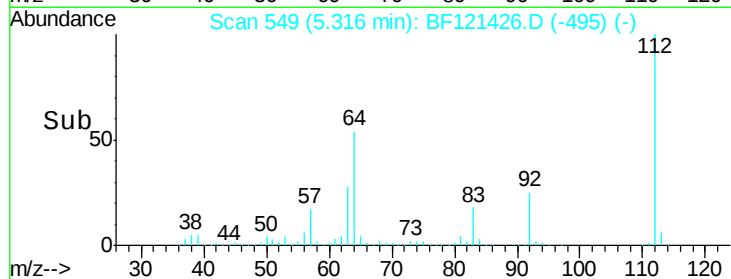
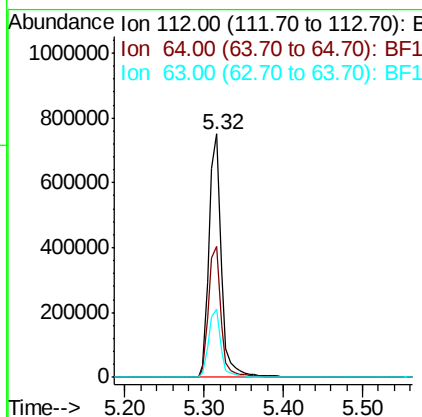
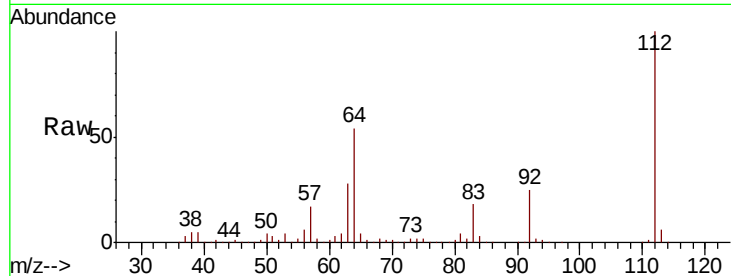
#5
2-Fluorophenol
Concen: 88.111 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampleId :
RO-04MS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	53.9	43.5	65.3
63	28.0	22.0	33.0

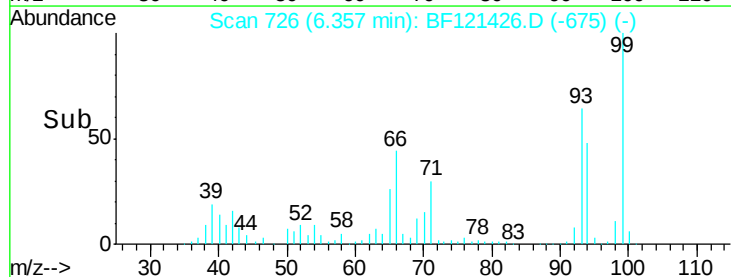
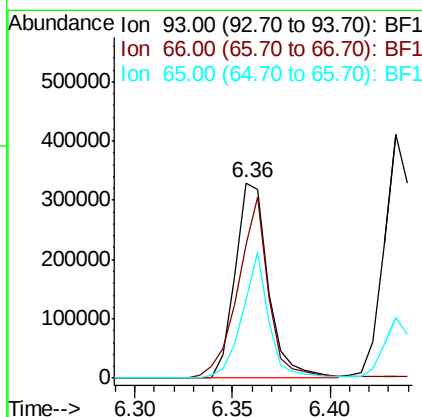
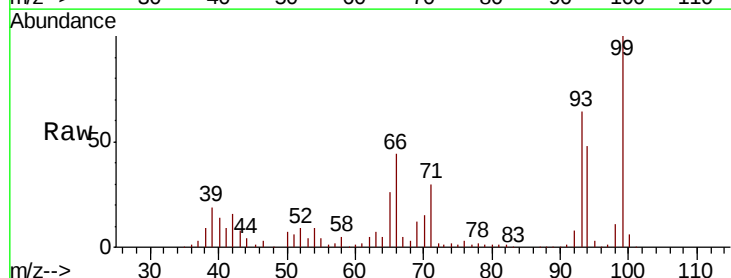
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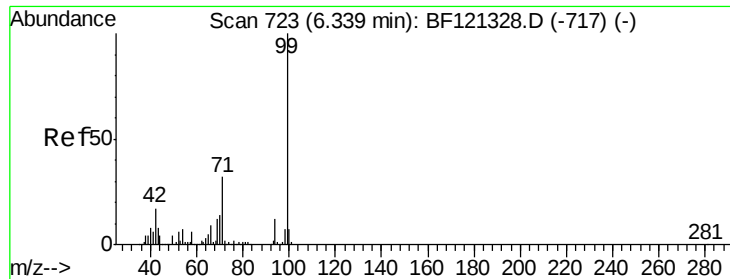
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#6
Aniline
Concen: 28.442 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	68.5	40.2	60.2#
65	40.5	23.6	35.4#





#7

Phenol-d6

Concen: 81.626 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

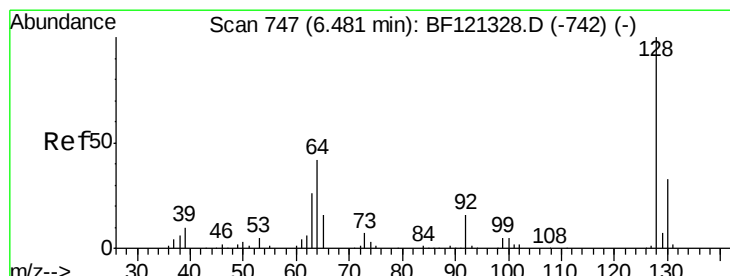
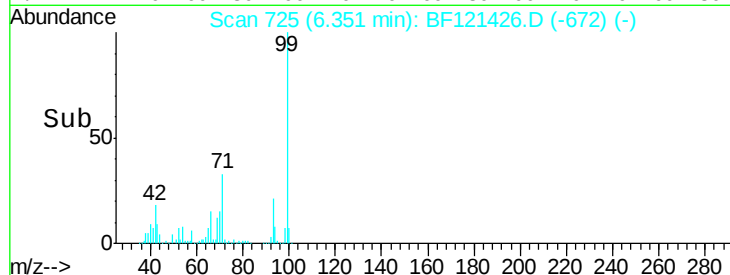
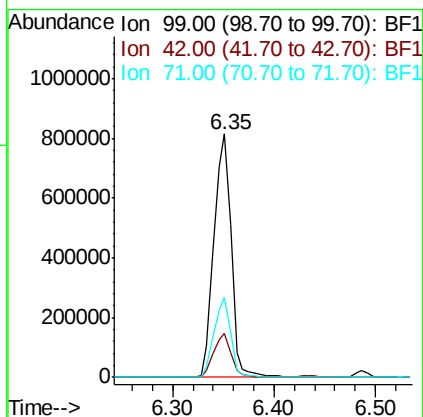
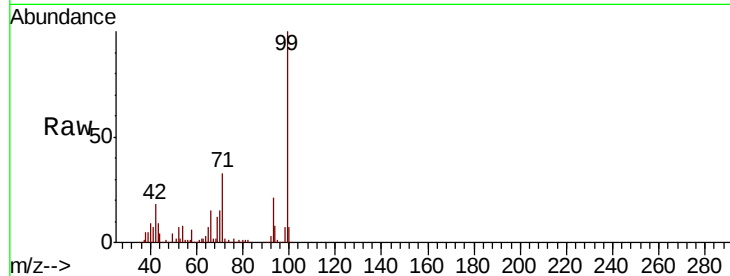
ClientSampled :

RO-04MS

Tot Ion:	99	Resp:	966764
Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.5	20.3
71	33.0	25.2	37.8

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#8

2-Chlorophenol

Concen: 43.223 ng

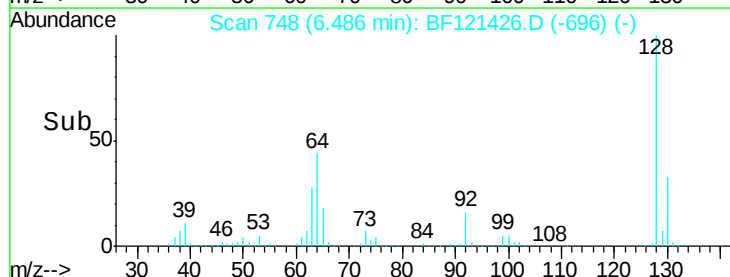
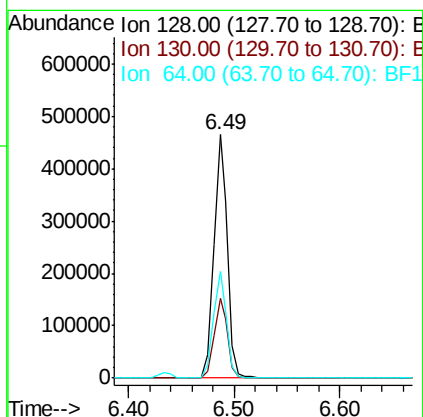
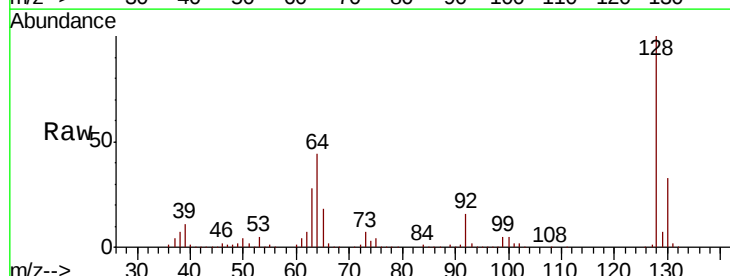
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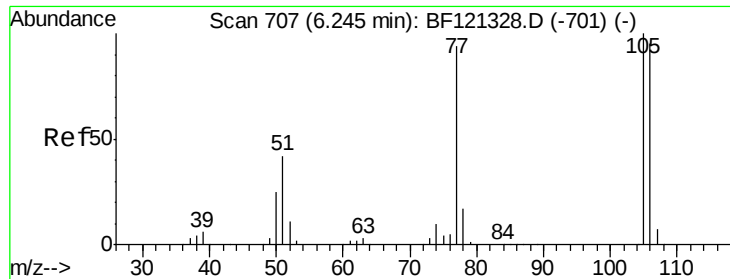
Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Tgt Ion:	128	Resp:	419123
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.8	52.8
64	44.0	23.4	63.4





#9

Benzaldehyde

Concen: 36.220 ng

RT: 6.25 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

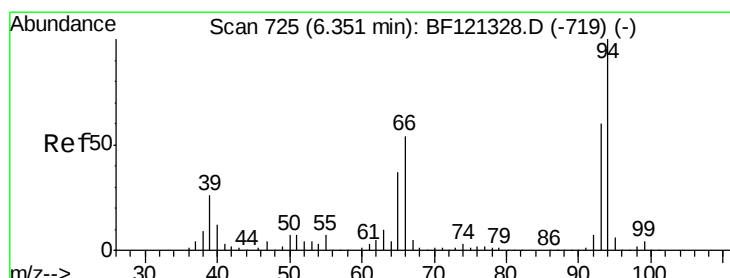
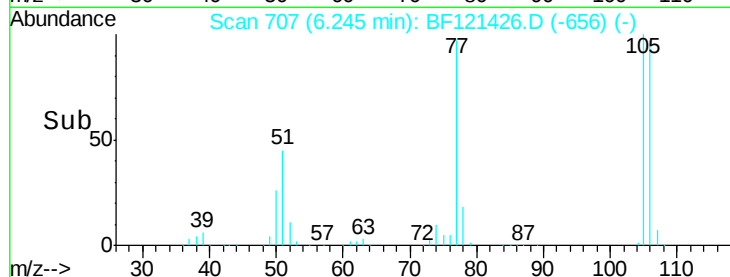
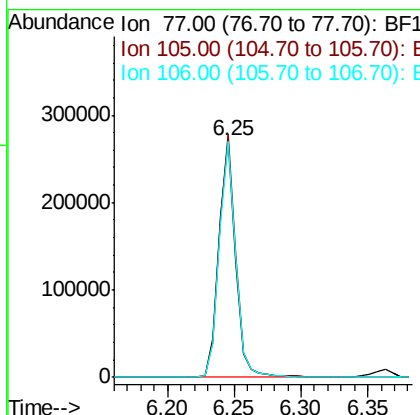
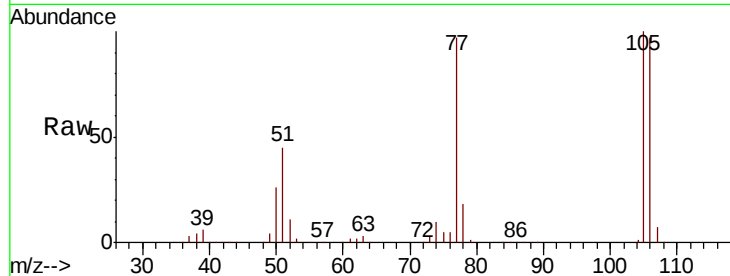
ClientSampleId :

RO-04MS

Tot Ion:	77	Resp:	241331
Ion	Ratio	Lower	Upper
77	100		
105	102.7	86.3	126.3
106	99.6	81.2	121.2

Manual Integrations
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#10

Phenol

Concen: 38.347 ng

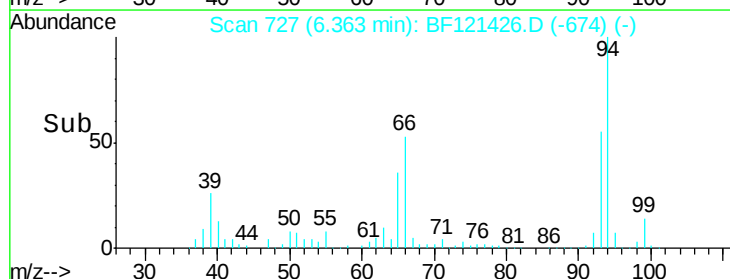
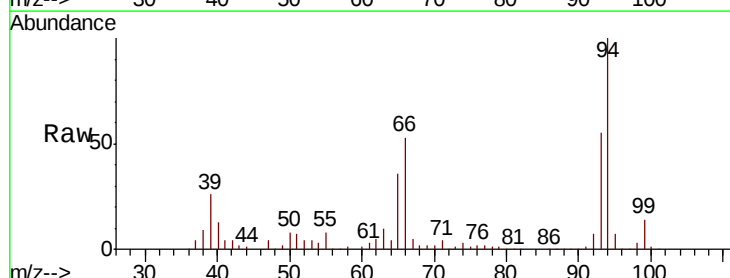
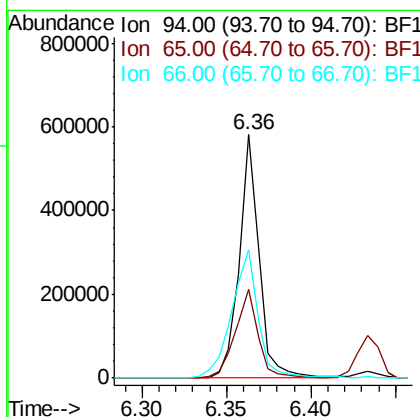
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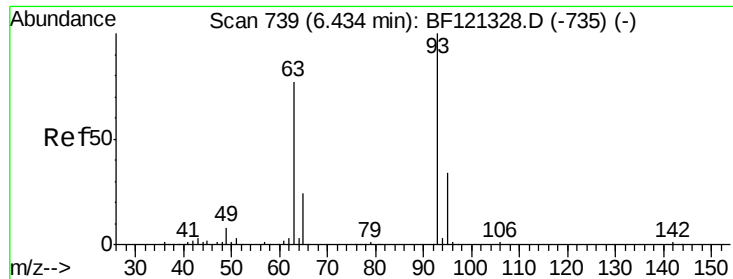
Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Tgt Ion:	94	Resp:	476215
Ion	Ratio	Lower	Upper
94	100		
65	36.5	16.6	56.6
66	52.6	34.3	74.3





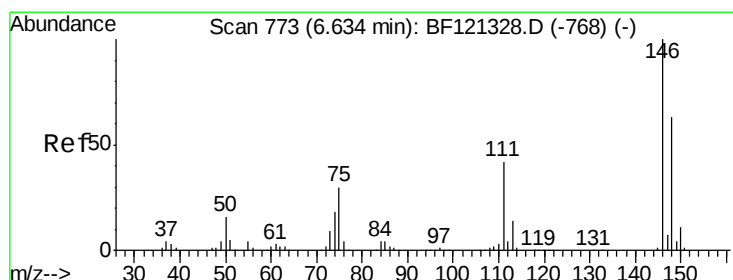
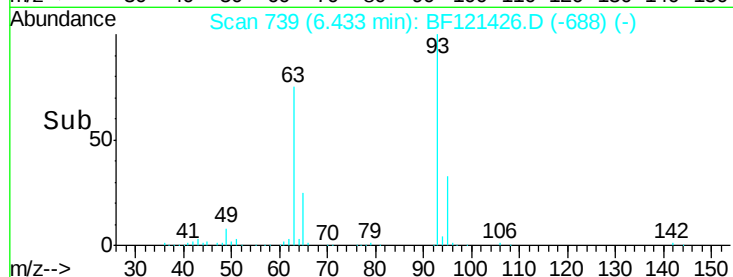
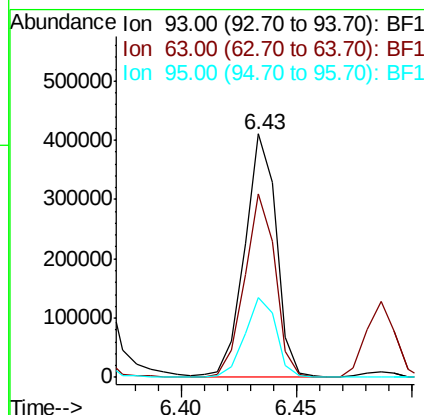
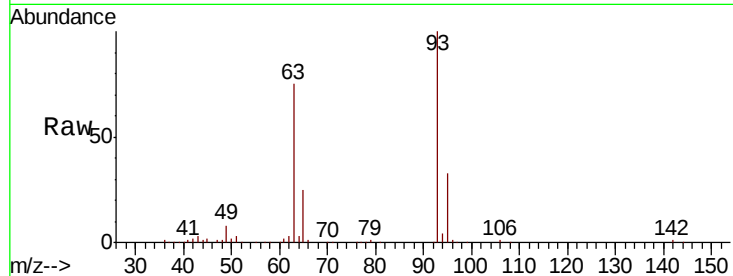
#11
bis(2-Chloroethyl)ether
Concen: 41.019 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampleId :
RO-04MS

Tot Ion:	93	Resp:	392323
Ion Ratio	Lower	Upper	
93	100		
63	75.2	56.4	96.4
95	32.7	13.5	53.5

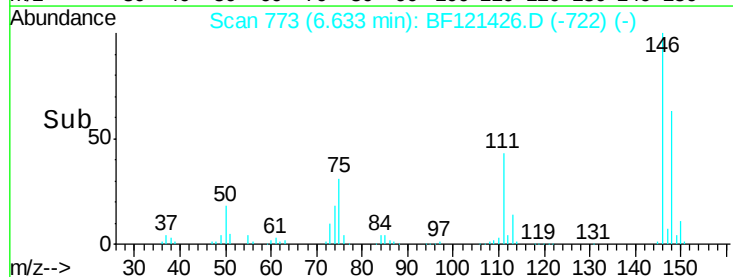
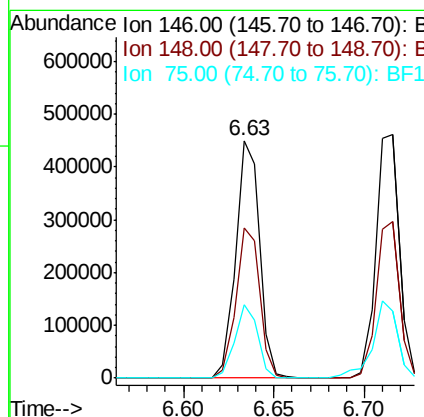
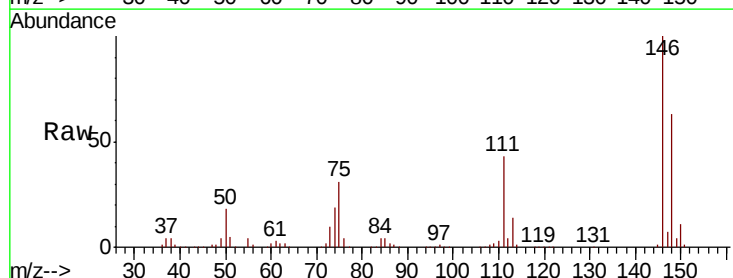
Manual Integrations
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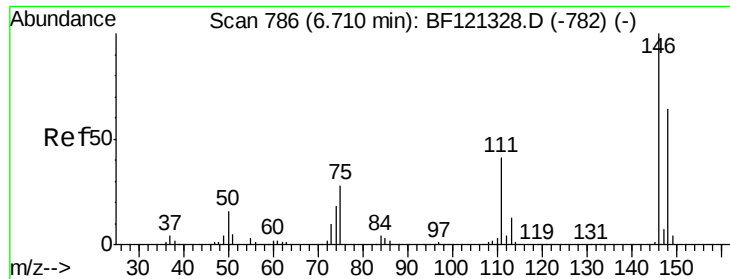
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.872 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion:	146	Resp:	411438
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.7	76.1
75	31.1	23.8	35.6





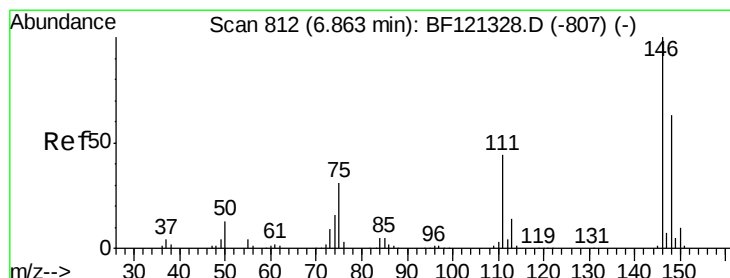
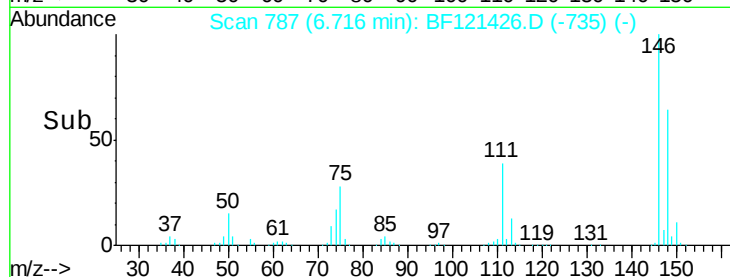
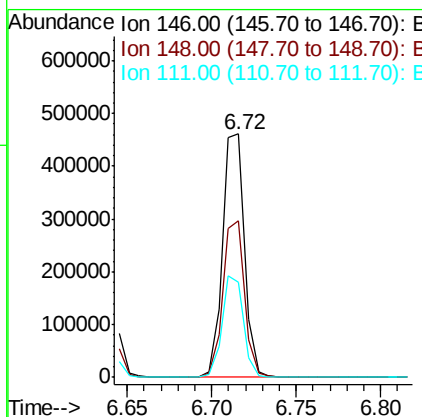
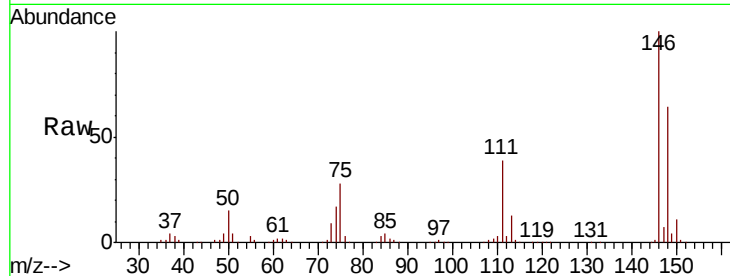
#13
 1,4-Dichlorobenzene
 Concen: 38.163 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.2	76.8
111	38.8	33.3	49.9

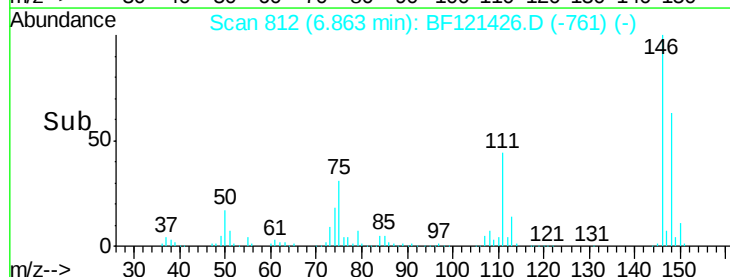
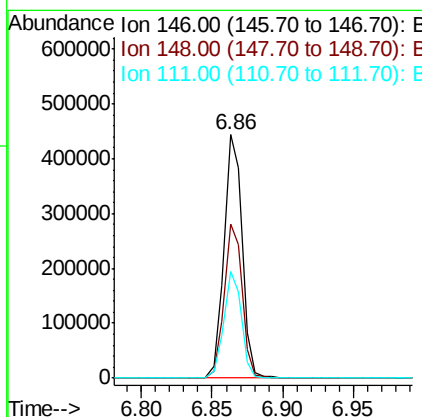
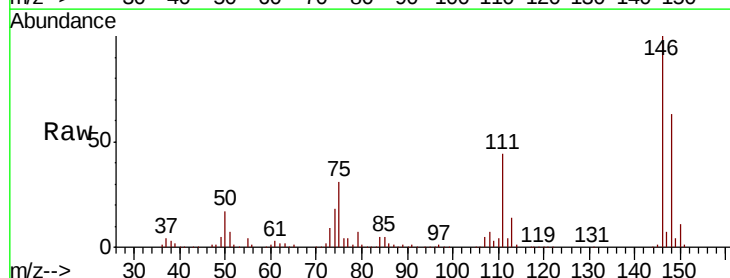
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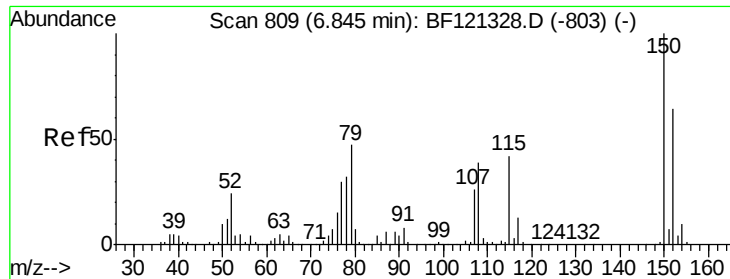
mohammad
 8/26/2020 4:00:31 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.918 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.3	75.5
111	43.6	35.5	53.3





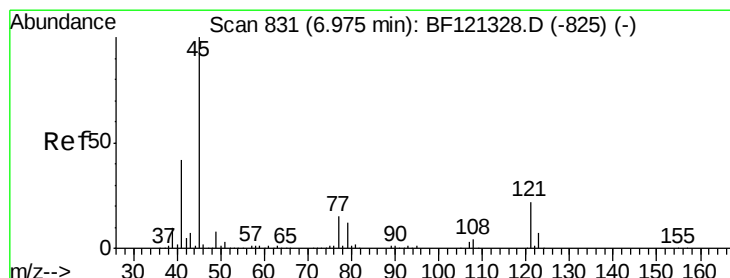
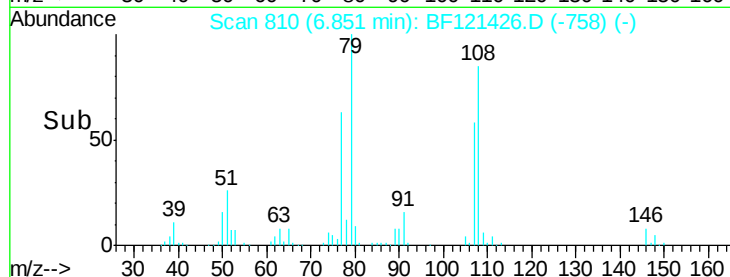
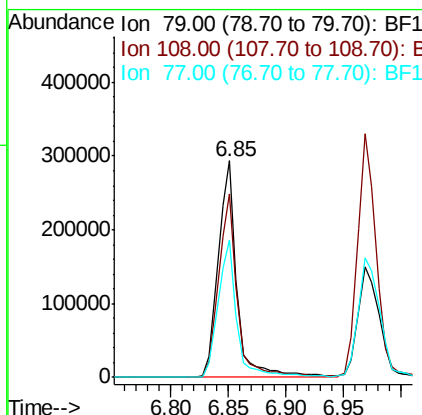
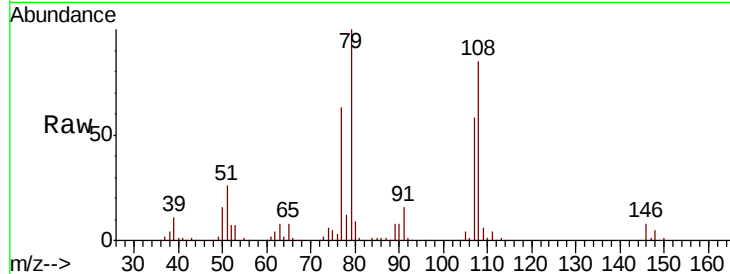
#15
Benzyl Alcohol
Concen: 46.514 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampled :
RO-04MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.8	65.2	97.8
77	63.4	51.4	77.0

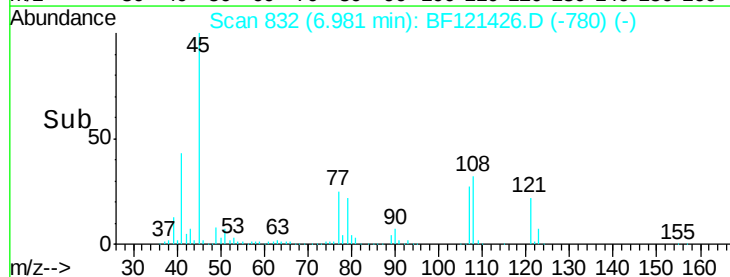
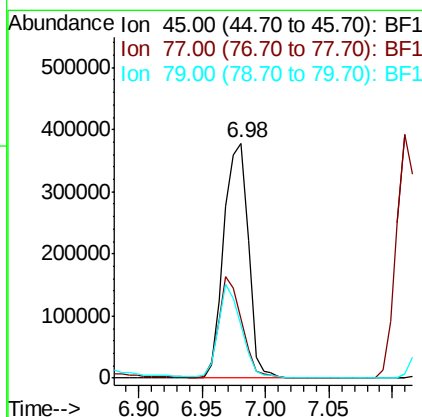
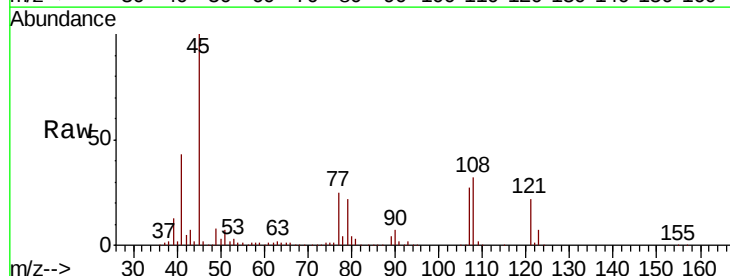
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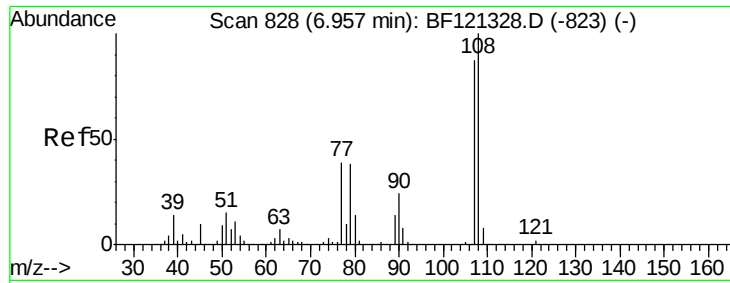
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.165 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	25.4	0.0	35.6
79	22.4	0.0	32.5





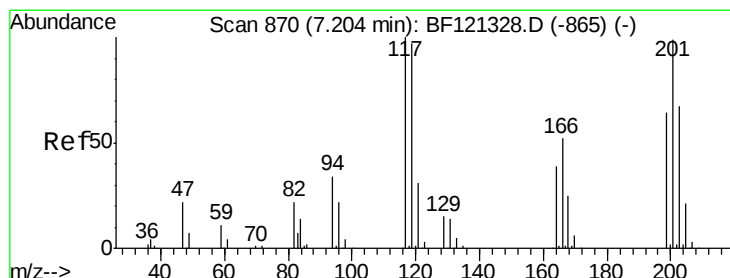
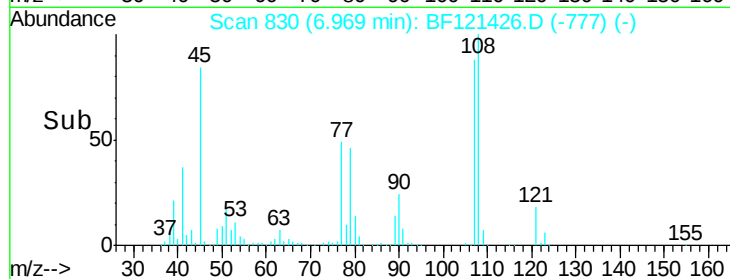
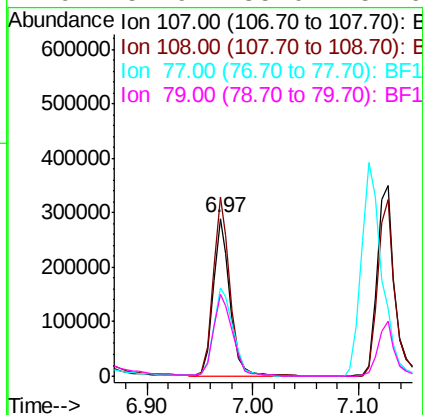
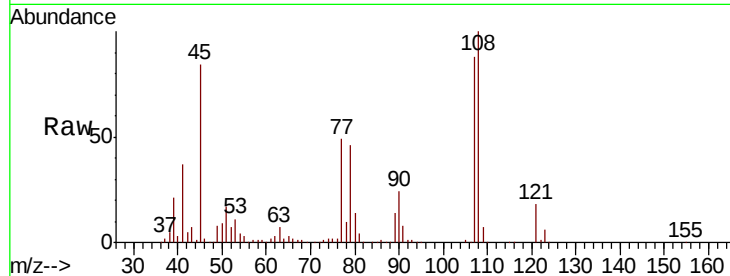
#17
2-Methylphenol
Concen: 40.591 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampleId :
RO-04MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.8	92.4	138.6	
77	56.0	36.1	54.1	
79	51.9	35.0	52.6	

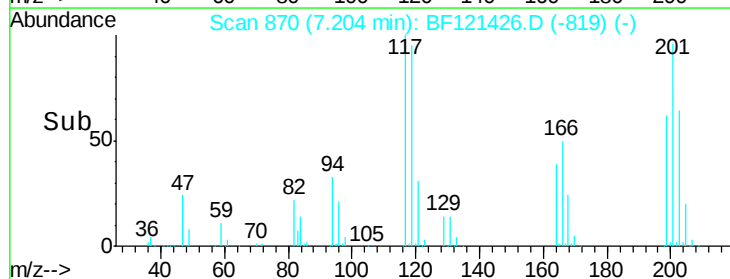
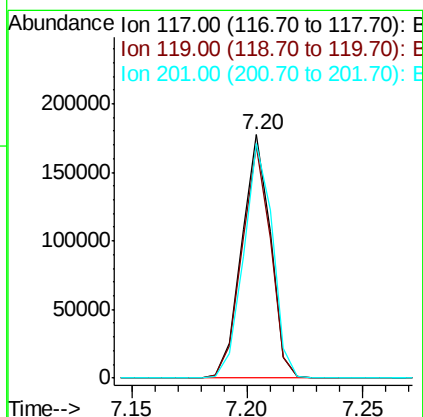
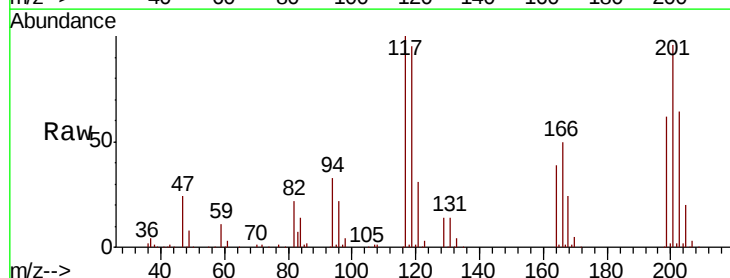
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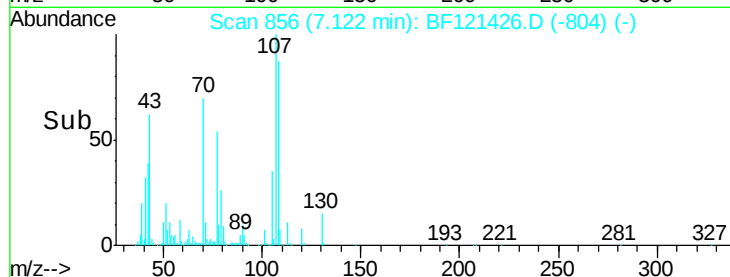
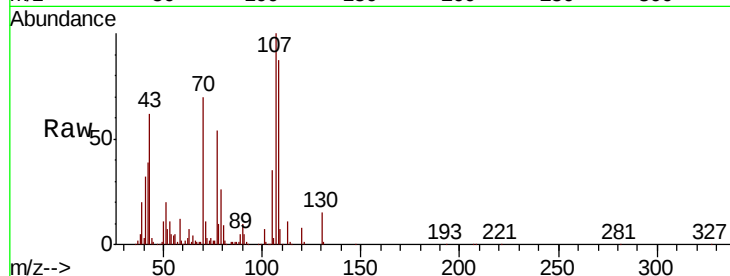
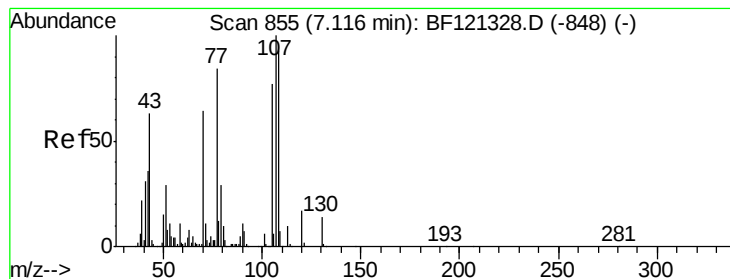
mohammad
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#18
Hexachloroethane
Concen: 37.741 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.3	77.9	116.9	
201	96.3	79.4	119.0	





#19

n-Nitroso-di-n-propylamine

Concen: 40.770 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

ClientSampleId :

RO-04MS

Tot Ion: 70 Resp: 259695

Ion Ratio Lower Upper

70 100

42 55.4 45.2 67.8

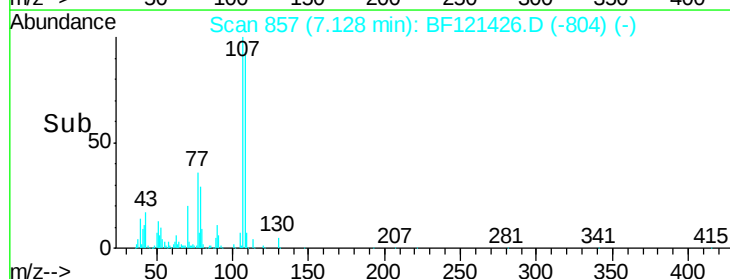
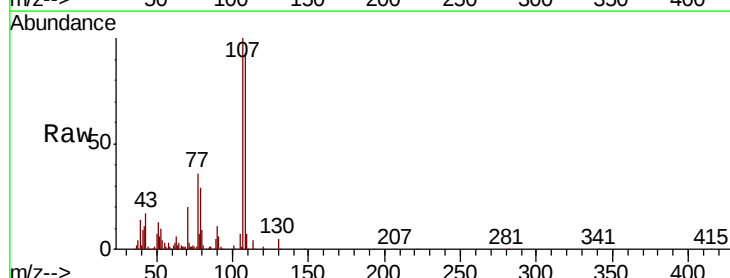
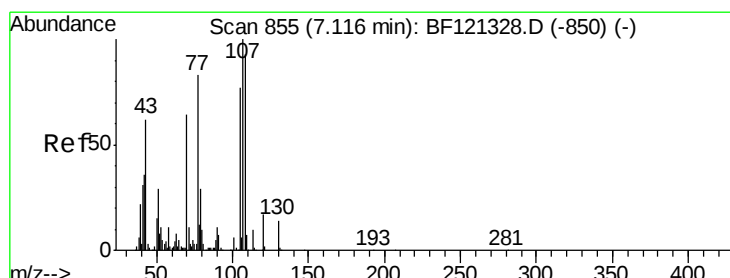
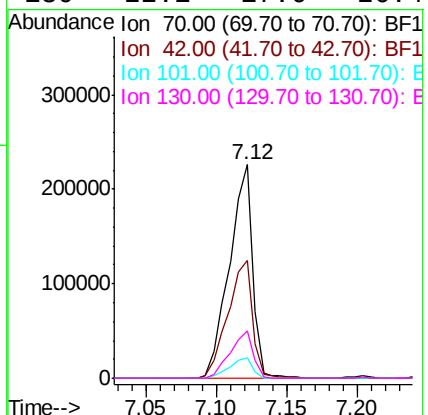
101 9.4 7.7 11.5

130 22.1 17.6 26.4

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#20

3+4-Methylphenols

Concen: 53.447 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Tgt Ion: 107 Resp: 411564

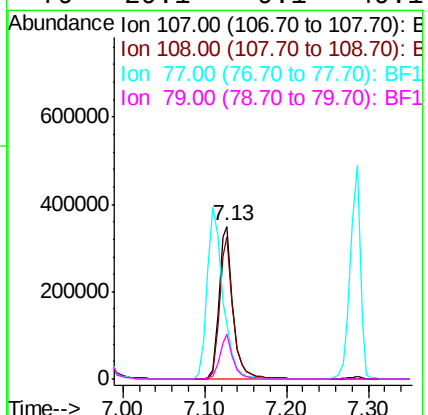
Ion Ratio Lower Upper

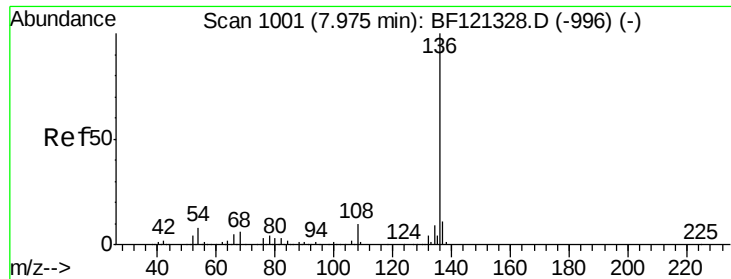
107 100

108 92.6 72.6 112.6

77 35.7 63.8 103.8#

79 29.1 9.1 49.1





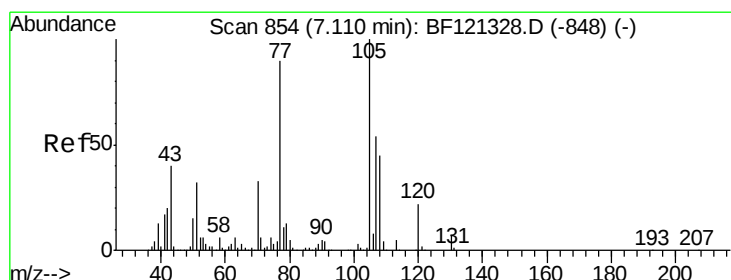
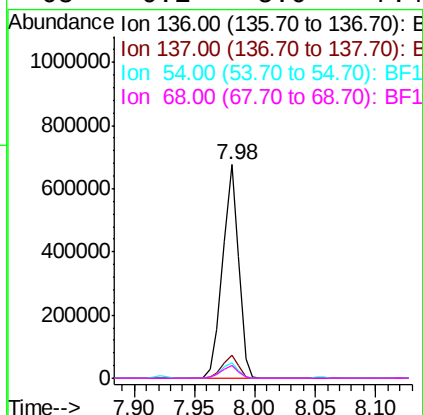
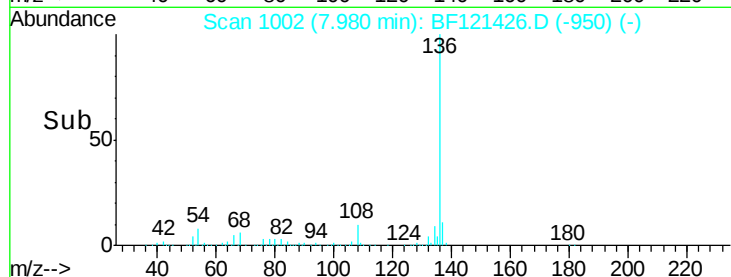
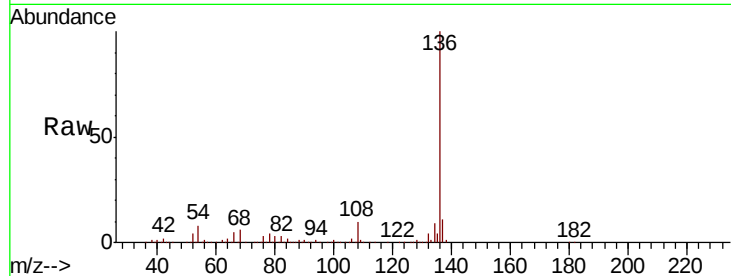
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampled :
RO-04MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	618592		
137	11.1	8.9	13.3	
54	7.5	6.1	9.1	
68	6.1	5.0	7.4	

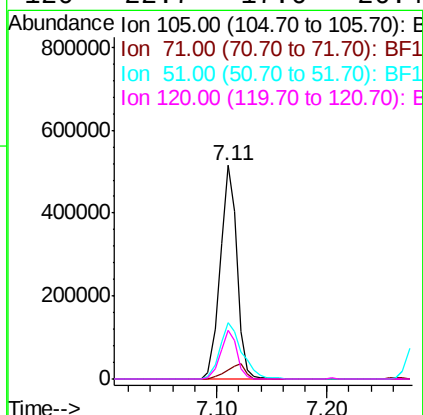
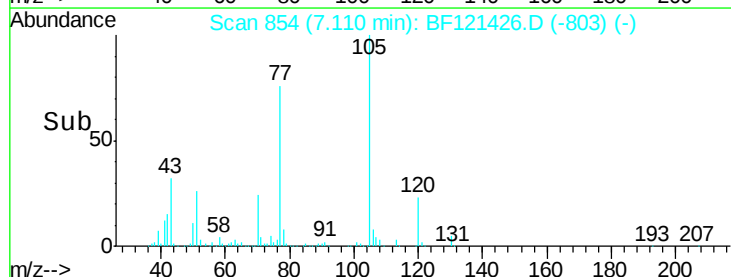
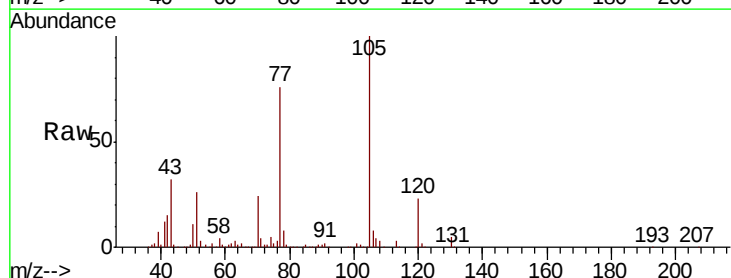
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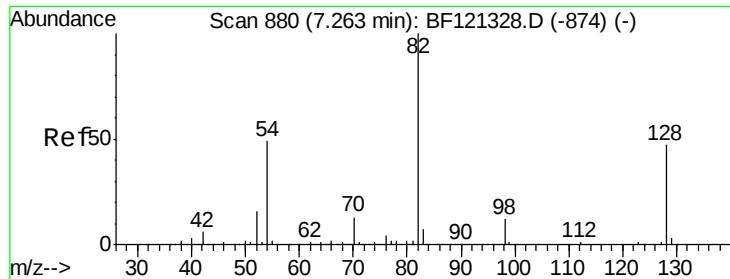
mohammad
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#22
Acetophenone
Concen: 37.621 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	544073		
71	4.0	4.5	6.7#	
51	26.5	25.4	38.0	
120	22.7	17.6	26.4	





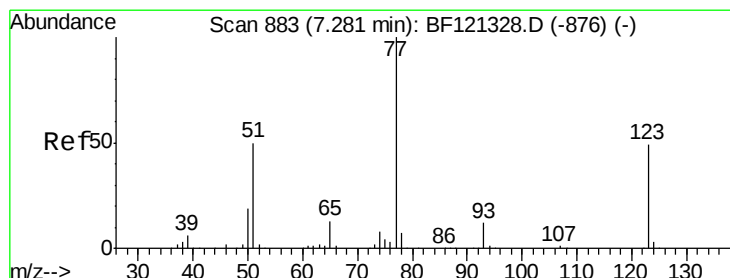
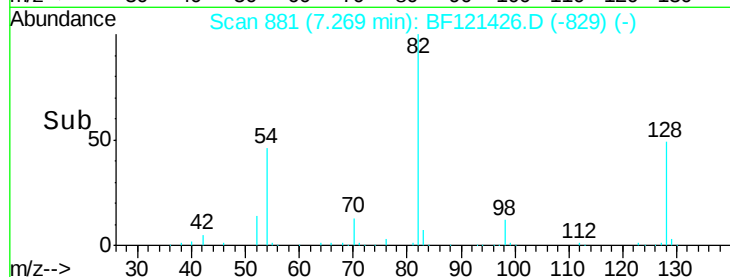
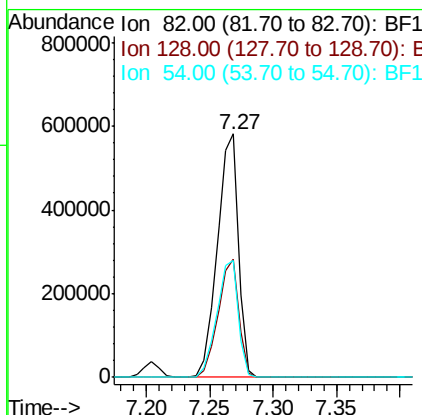
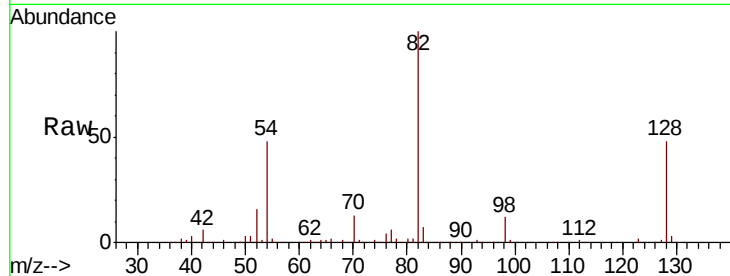
#23
Nitrobenzene-d5
Concen: 61.913 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampleId :
RO-04MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	677185		
128	48.5		37.9	56.9
54	47.8		39.0	58.4

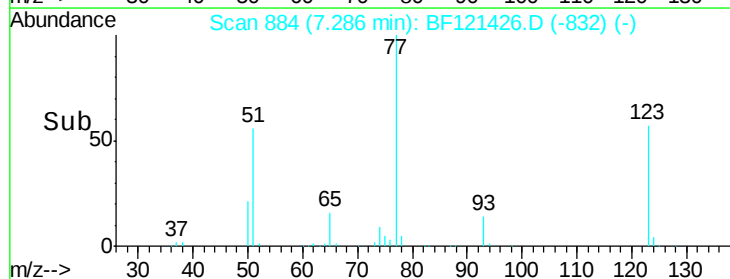
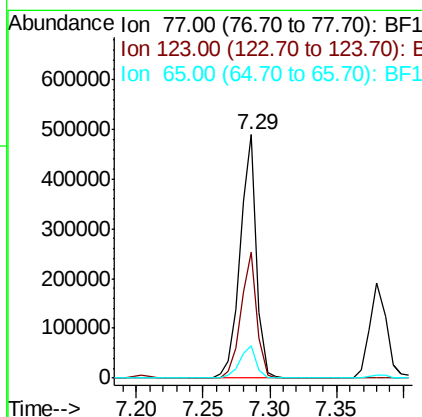
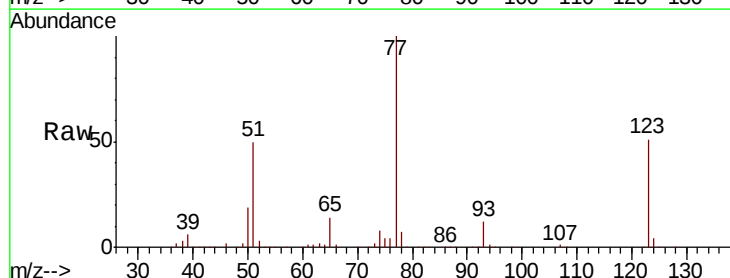
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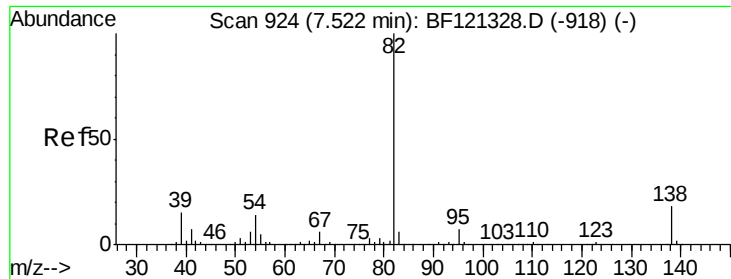
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#24
Nitrobenzene
Concen: 37.156 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	414199		
123	51.5		39.2	58.8
65	13.5		10.6	15.8





#25

Isophorone

Concen: 38.534 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

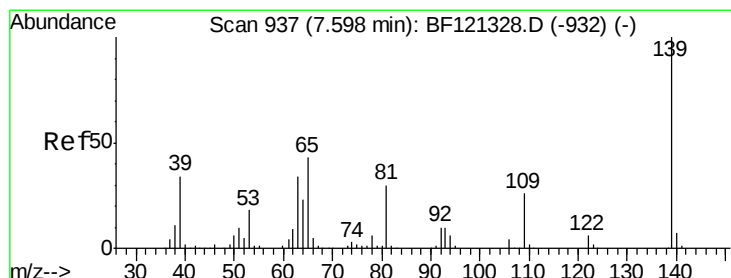
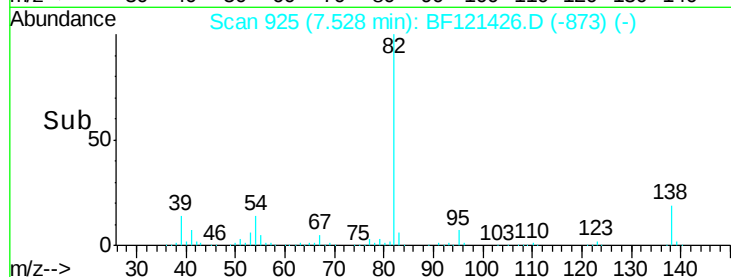
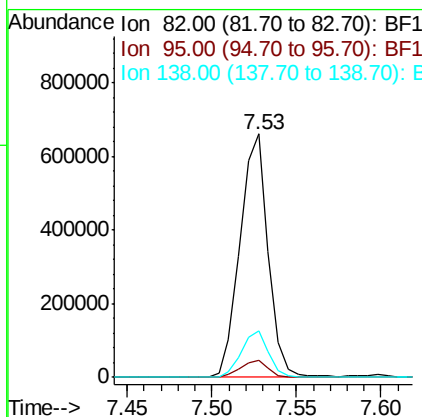
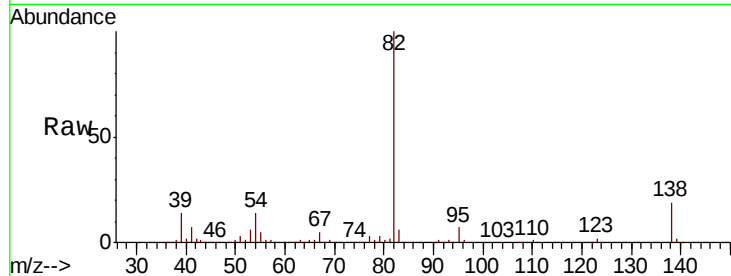
ClientSampleId :

RO-04MS

Tot Ion:	82	Resp:	767019
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.3	7.9
138	19.3	14.6	21.8

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#26

2-Nitrophenol

Concen: 40.244 ng

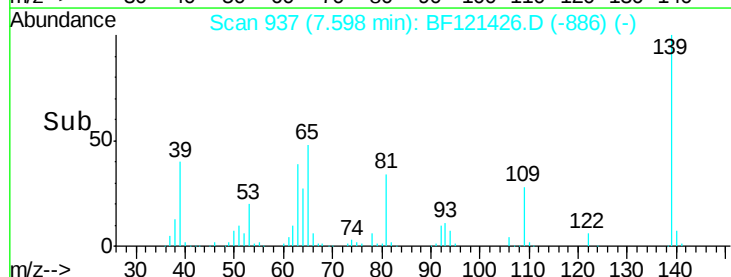
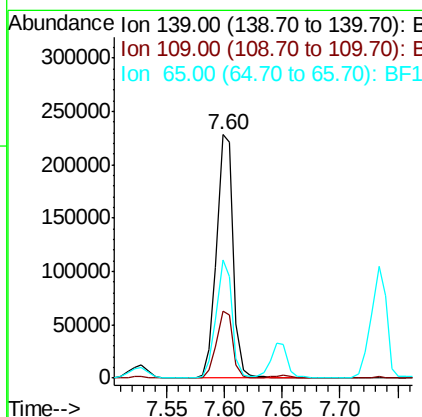
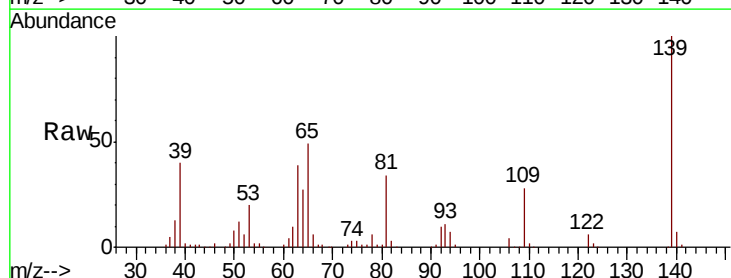
RT: 7.60 min Scan# 937

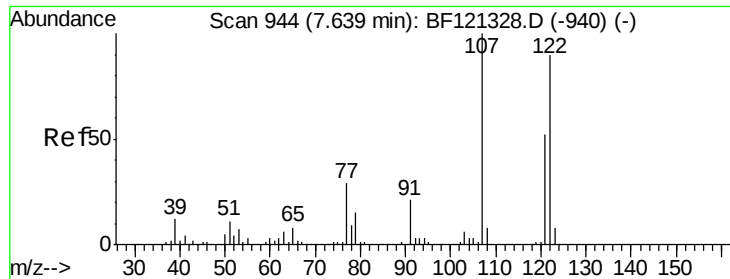
Delta R.T. -0.00 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Tgt Ion:	139	Resp:	230085
Ion Ratio	Lower	Upper	
139	100		
109	27.8	21.1	31.7
65	48.7	34.5	51.7





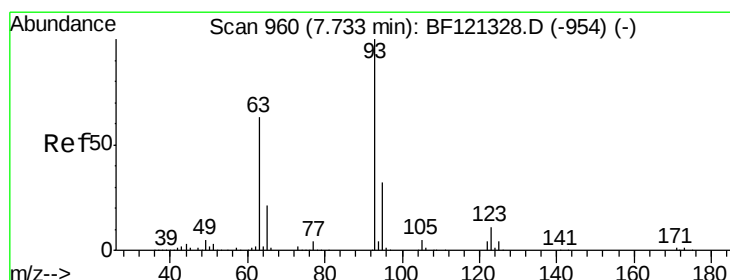
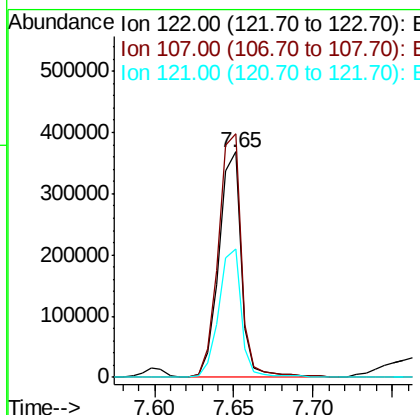
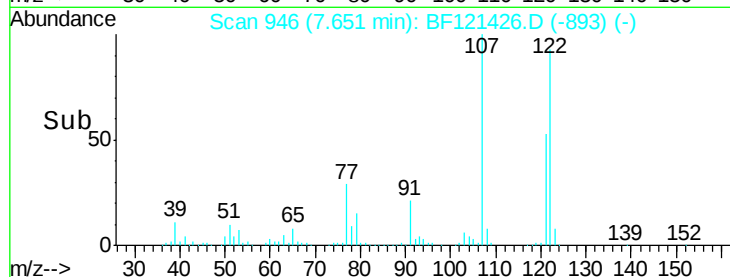
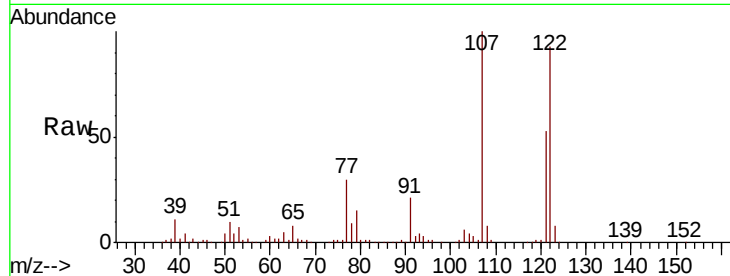
#27
2,4-Dimethylphenol
Concen: 44.478 ng
RT: 7.65 min Scan# 946
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampled :
RO-04MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	362856		
107	108.0	89.0	133.4	
121	56.8	46.4	69.6	

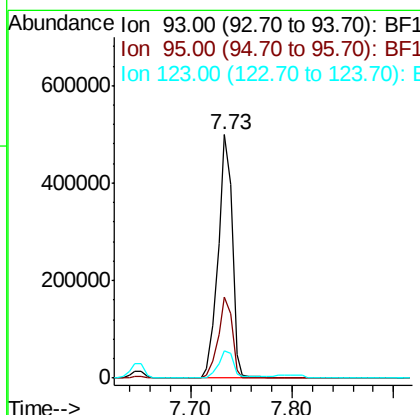
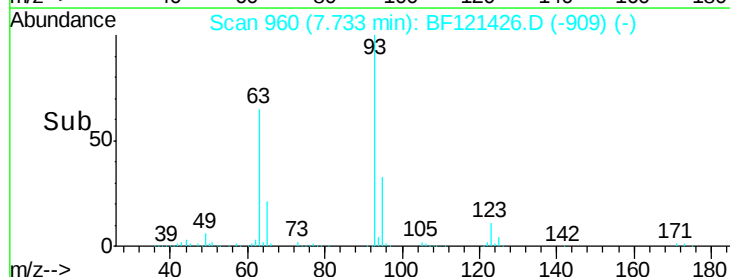
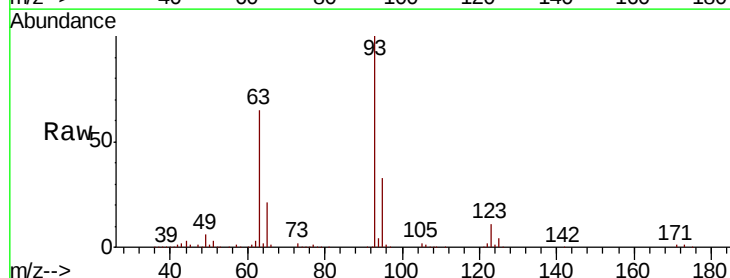
Manual Integrations
APPROVED

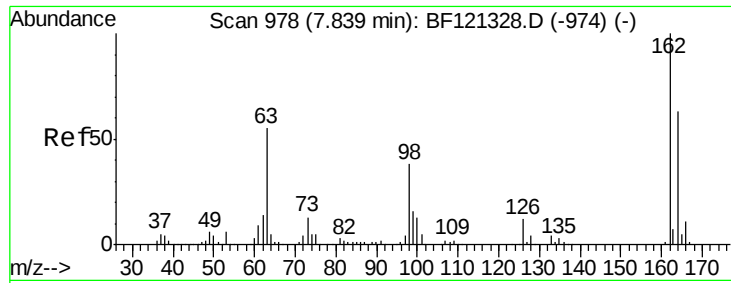
mohammad
8/26/2020 4:00:31 PM



#28
bis(2-Chloroethoxy)methane
Concen: 35.730 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	484134		
95	33.0	25.8	38.8	
123	11.0	9.0	13.6	





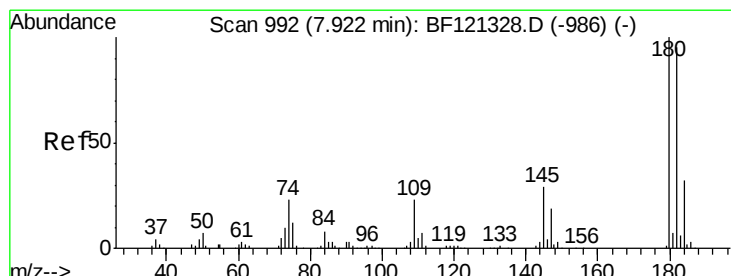
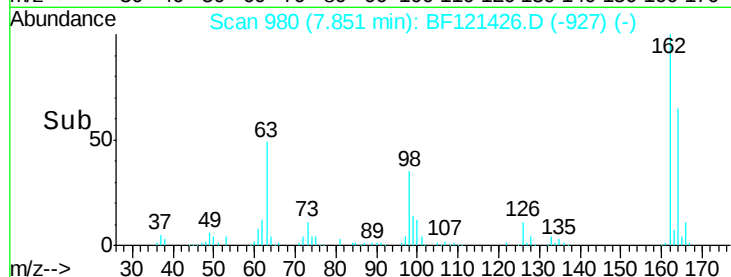
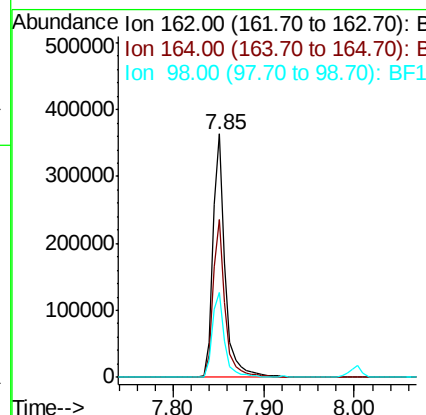
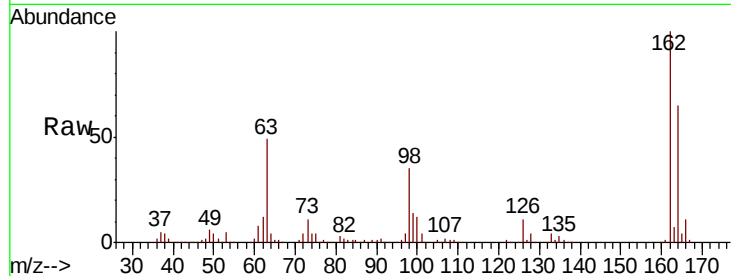
#29
2,4-Dichlorophenol
Concen: 39.036 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampleId :
RO-04MS

Tot Ion:	162	Resp:	347691
Ion Ratio	Lower	Upper	
162	100		
164	64.8	43.4	83.4
98	34.7	18.1	58.1

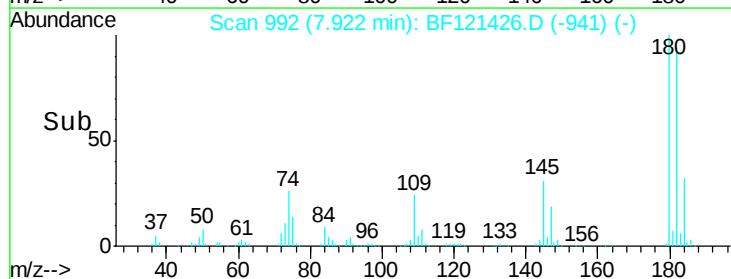
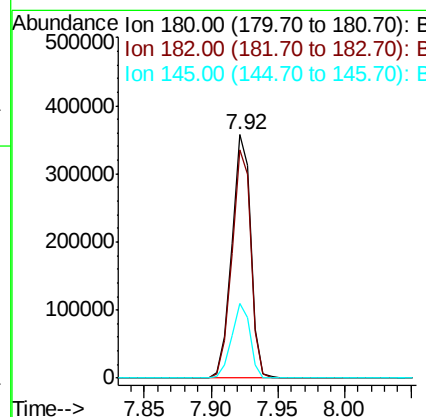
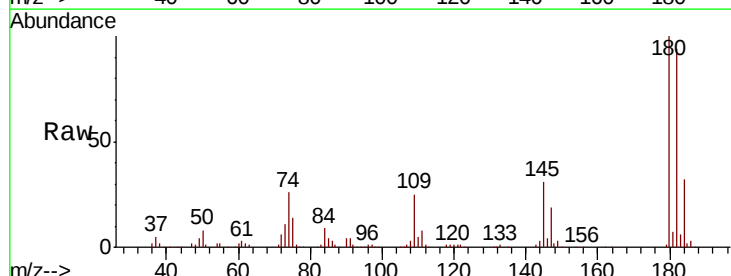
Manual Integrations
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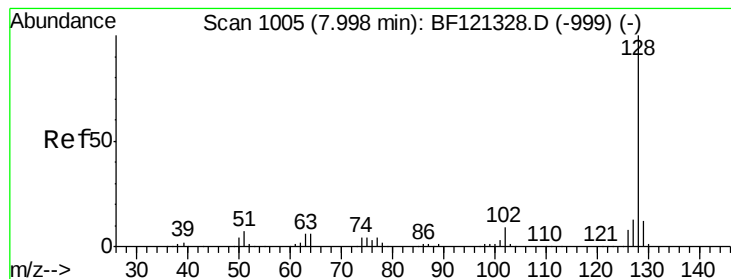
mohammad
8/26/2020 4:00:31 PM



#30
1,2,4-Trichlorobenzene
Concen: 35.429 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion:	180	Resp:	360863
Ion Ratio	Lower	Upper	
180	100		
182	94.0	75.9	113.9
145	30.5	23.2	34.8





#31

Naphthalene

Concen: 36.348 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

ClientSampleId :

RO-04MS

Tot Ion:128 Resp: 1119050

Ion Ratio Lower Upper

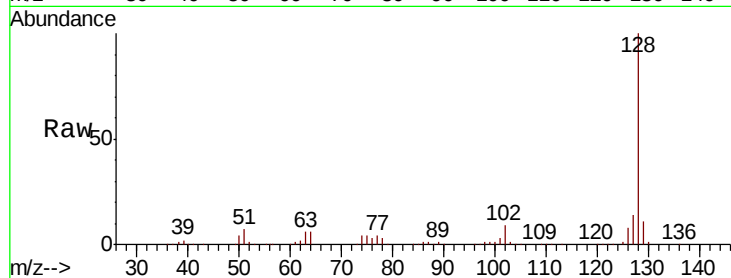
128 100

129 11.4 9.3 13.9

127 13.7 10.6 16.0

Manual Integrations
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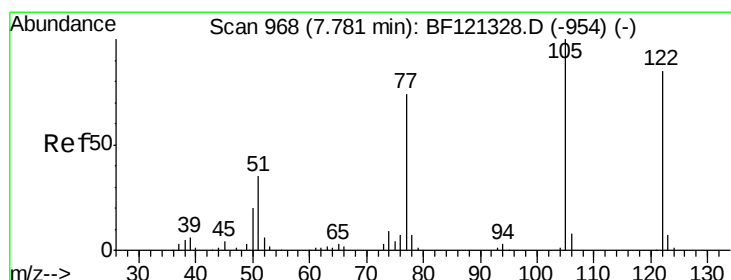
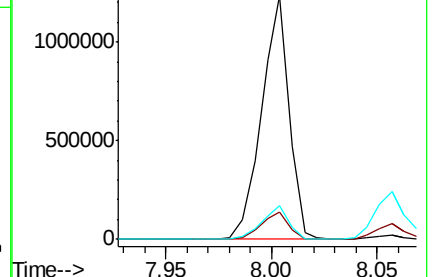
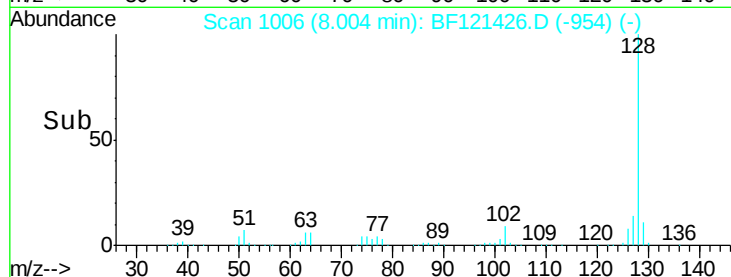
mohammad
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.999 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

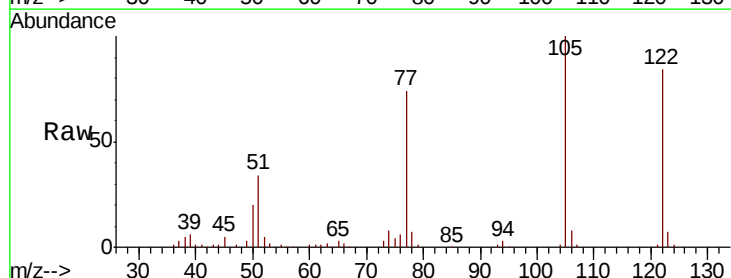
Tgt Ion:122 Resp: 223883

Ion Ratio Lower Upper

122 100

105 118.4 96.7 136.7

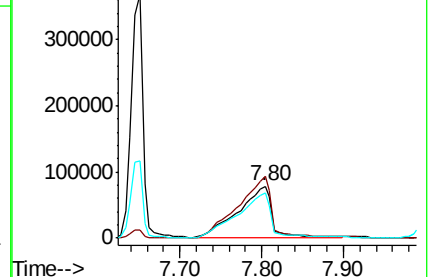
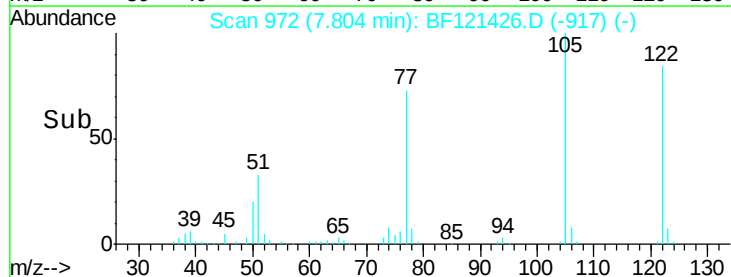
77 87.3 66.7 106.7

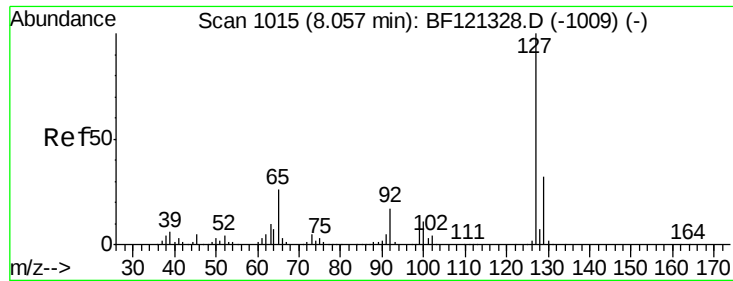


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





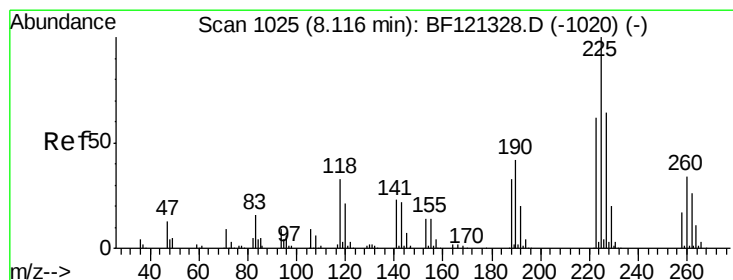
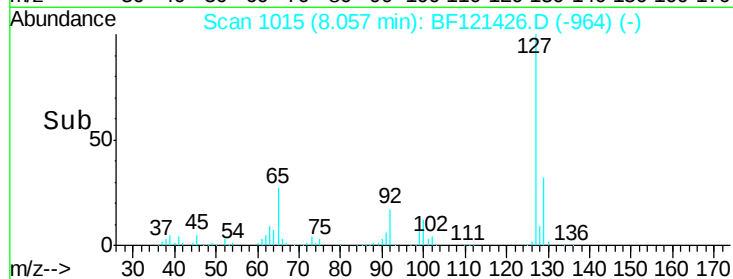
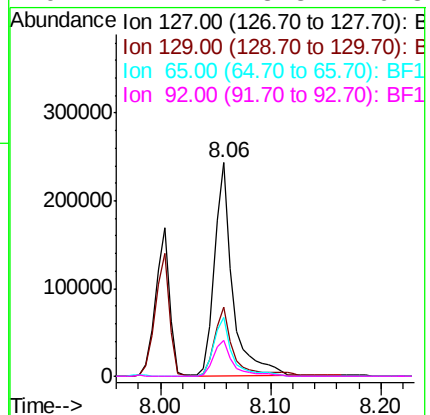
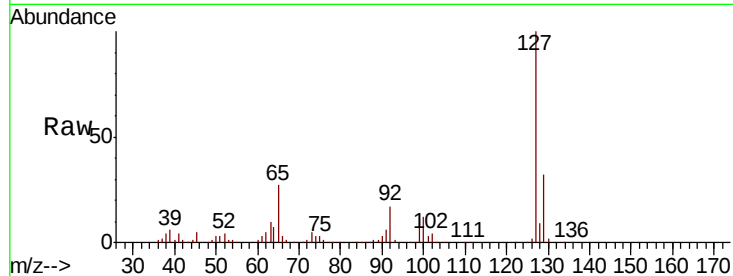
#33
4-Chloroaniline
Concen: 20.212 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampleId :
RO-04MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	25.7	38.5		
65	27.3	20.9	31.3		
92	17.1	13.8	20.8		

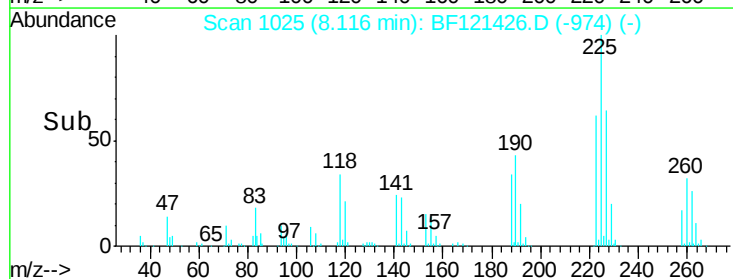
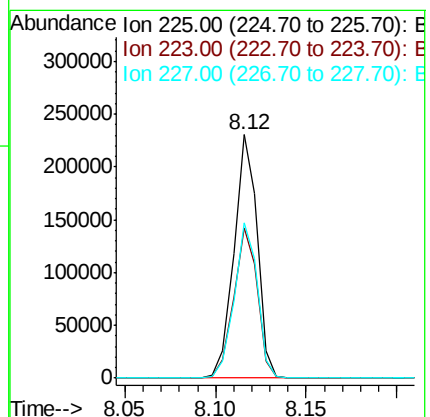
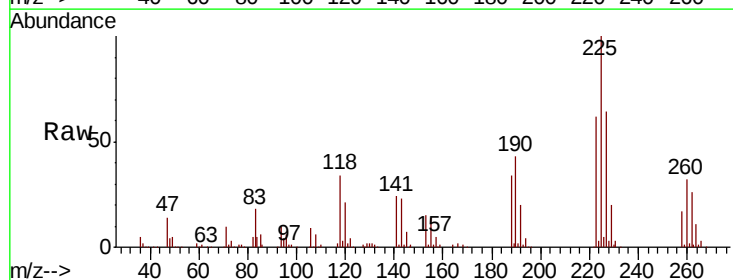
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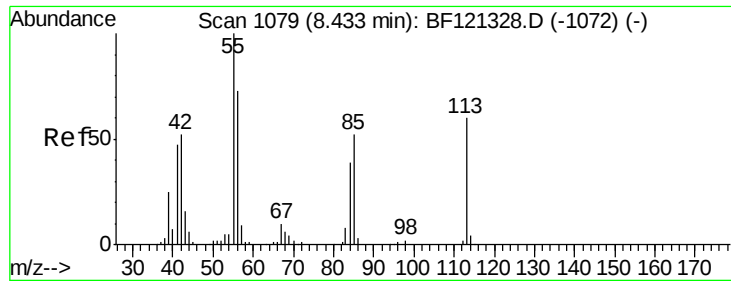
mohammad
8/26/2020 4:00:31 PM



#34
Hexachlorobutadiene
Concen: 34.043 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8	49.7	74.5		
227	64.0	50.9	76.3		





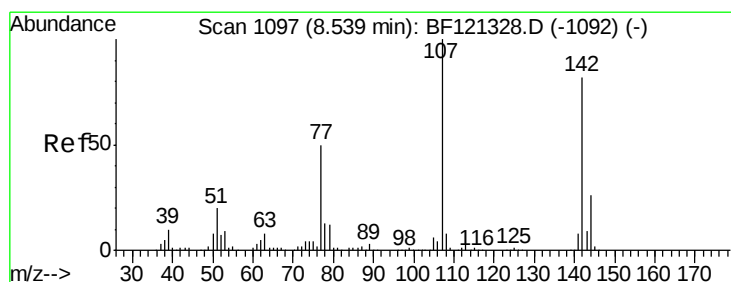
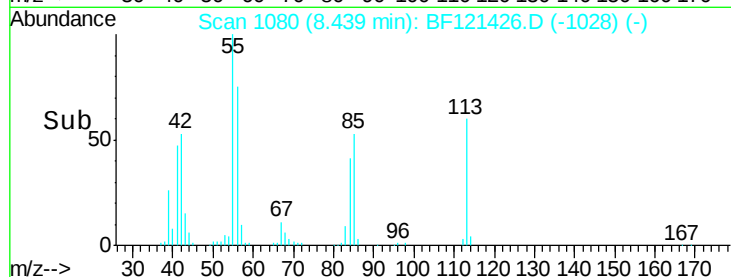
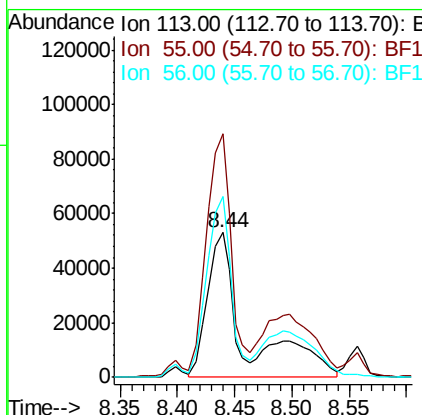
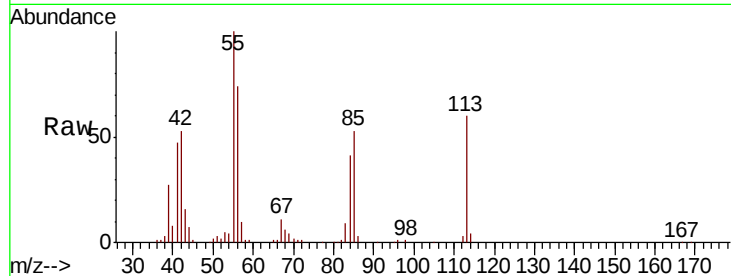
#35
Caprolactam
Concen: 41.622 ng/ml
RT: 8.44 min Scan# 1080
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampleId :
RO-04MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	167.9	147.9	187.9
56	124.7	102.4	142.4

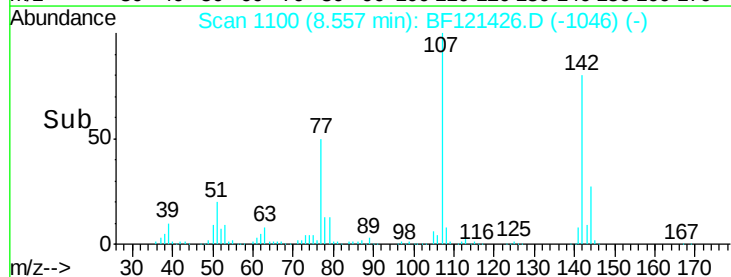
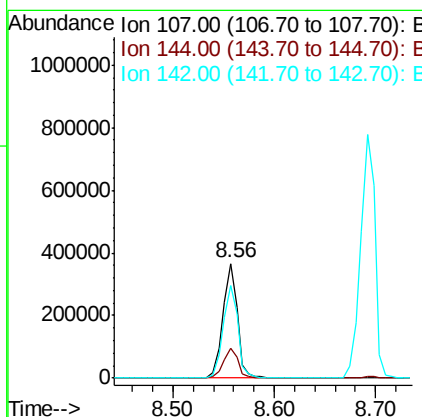
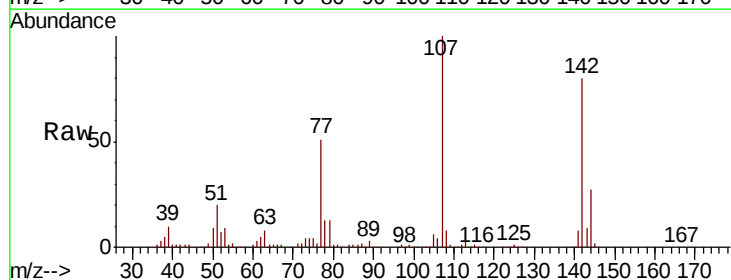
Manual Integrations
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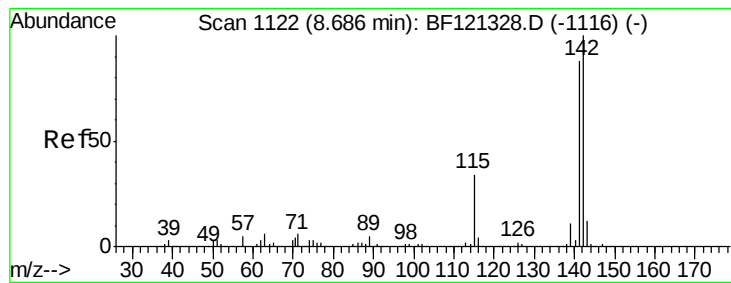
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 40.183 ng/ml
RT: 8.56 min Scan# 1100
Delta R.T. 0.02 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	21.1	31.7
142	80.4	65.6	98.4





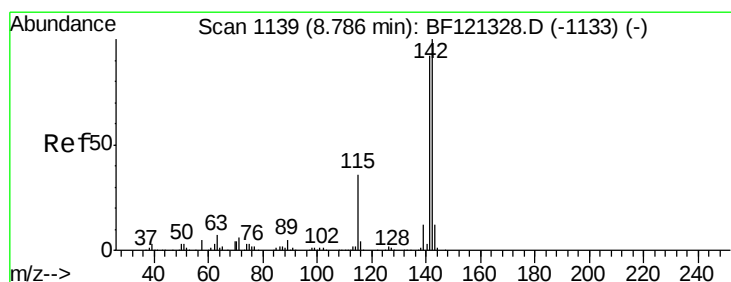
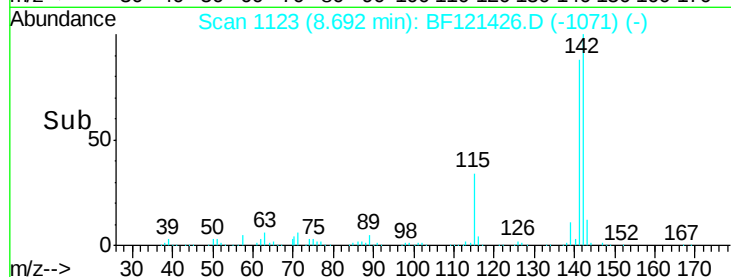
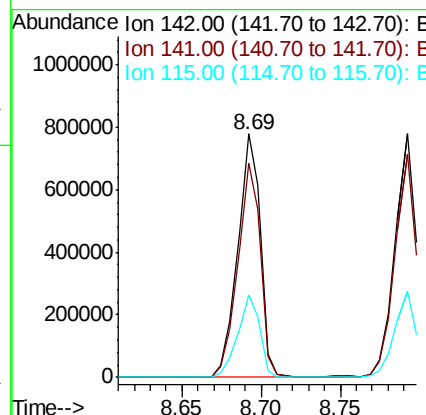
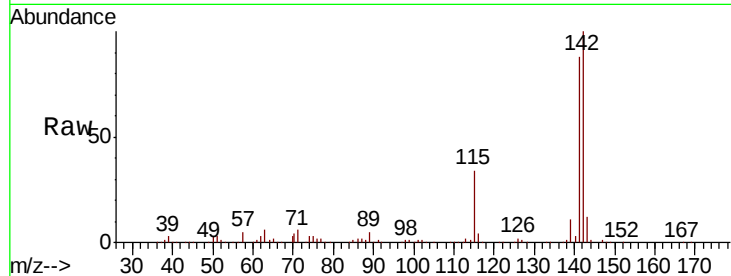
#37
2-Methylnaphthalene
Concen: 38.419 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampleId :
RO-04MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.3	105.5
115	33.9	26.9	40.3

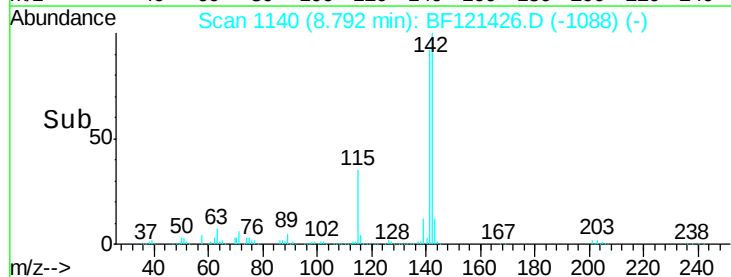
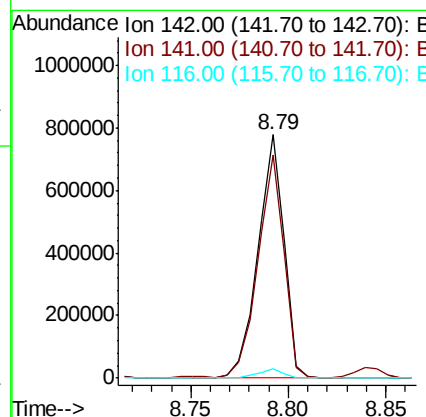
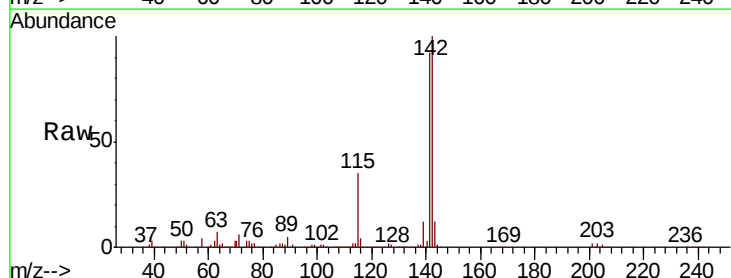
Manual Integrations
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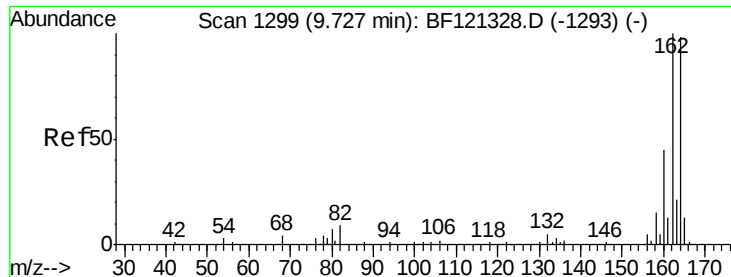
mohammad
8/26/2020 4:00:31 PM



#38
1-Methylnaphthalene
Concen: 37.519 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.6	110.4
116	3.8	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

ClientSampled :

RO-04MS

Tot Ion:164 Resp: 335723

Ion Ratio Lower Upper

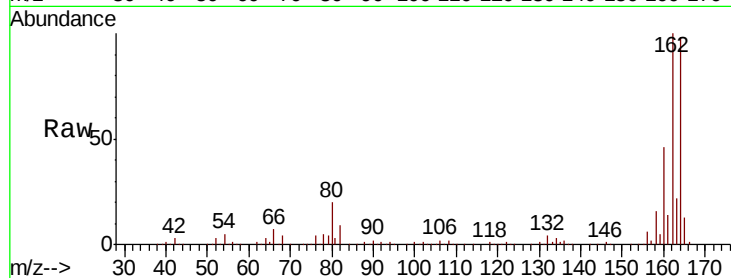
164 100

162 101.5 81.7 122.5

160 46.2 37.0 55.4

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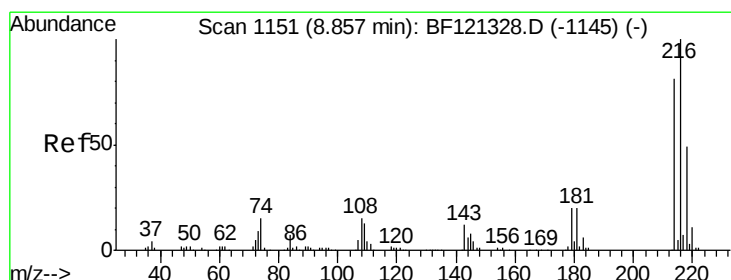
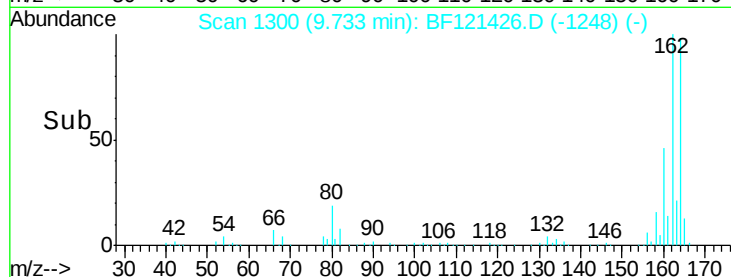
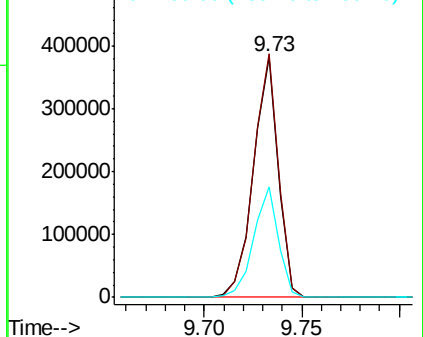


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.085 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Tgt Ion:216 Resp: 359559

Ion Ratio Lower Upper

216 100

214 79.6 64.2 96.2

179 20.8 16.4 24.6

108 19.1 14.2 21.4

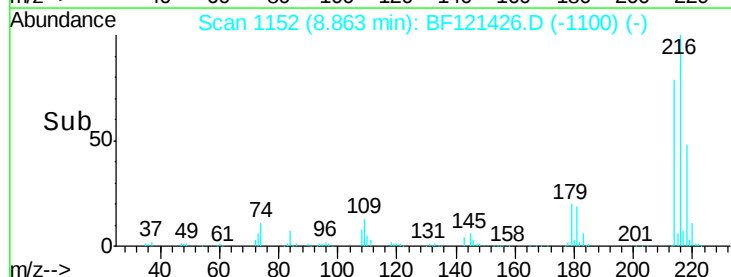
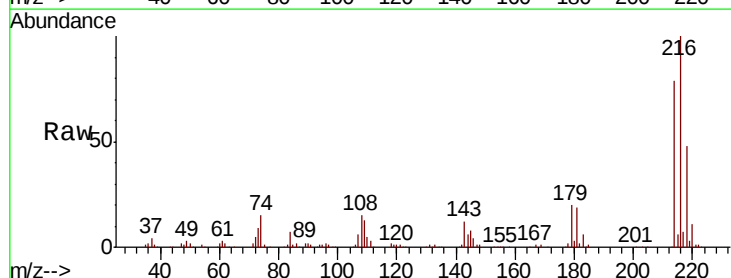
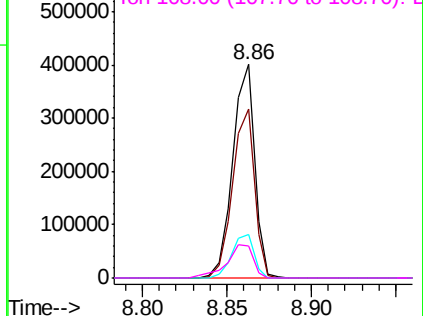
Abundance

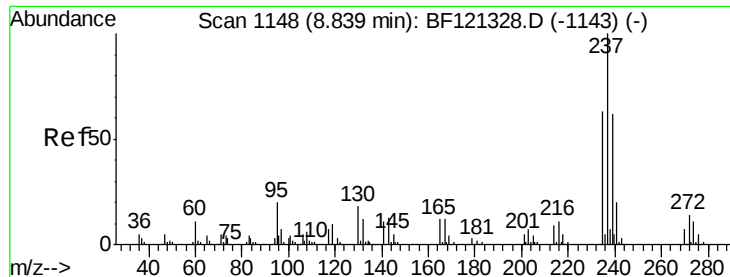
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





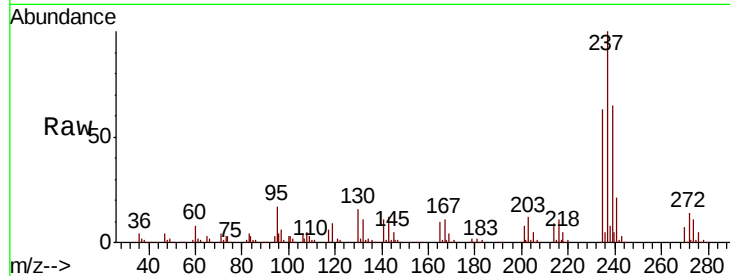
#41
Hexachlorocyclopentadiene
Concen: 66.419 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampleId :
RO-04MS

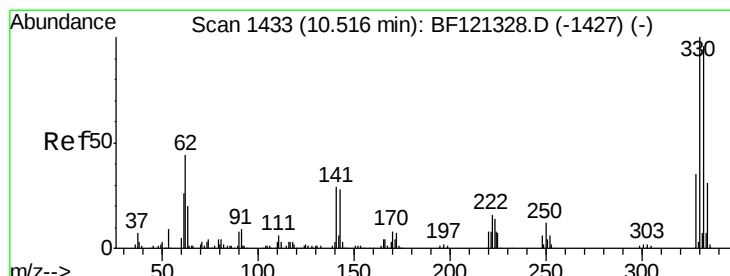
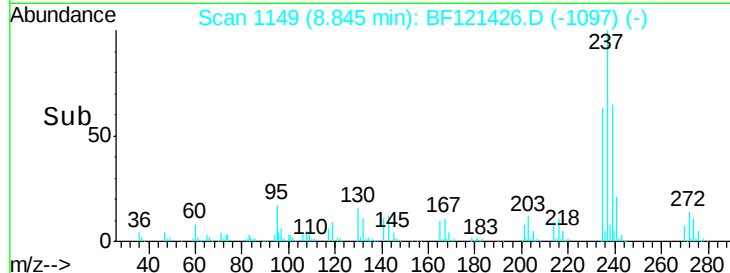
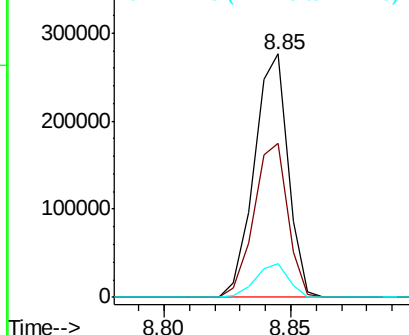
Tot Ion	Ratio	Resp	Lower	Upper
237	100	257623		
235	63.3	42.7	82.7	
272	14.1	0.0	33.7	

Manual Integrations
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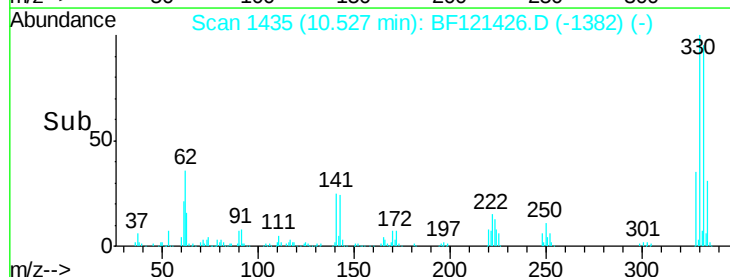
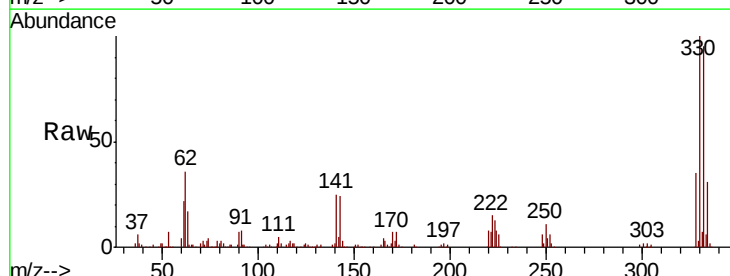
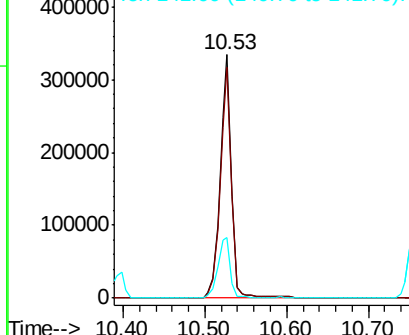
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

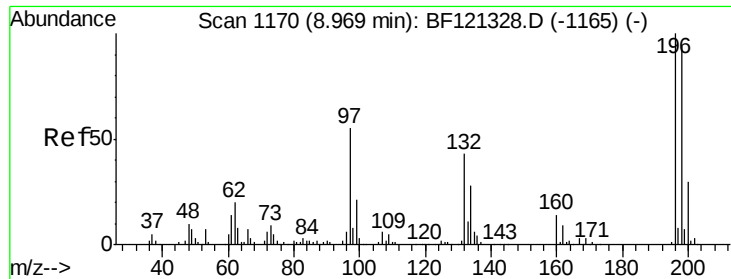


#42
2,4,6-Tribromophenol
Concen: 82.736 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	323683		
332	95.7	76.9	115.3	
141	27.8	22.8	34.2	

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





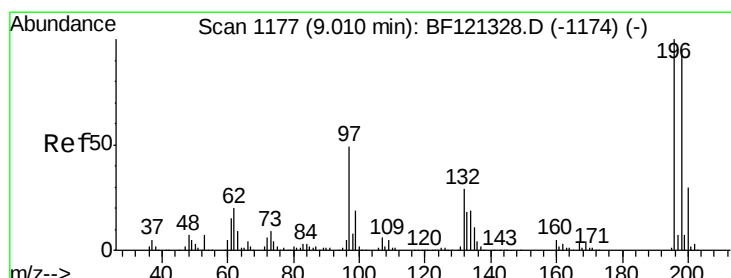
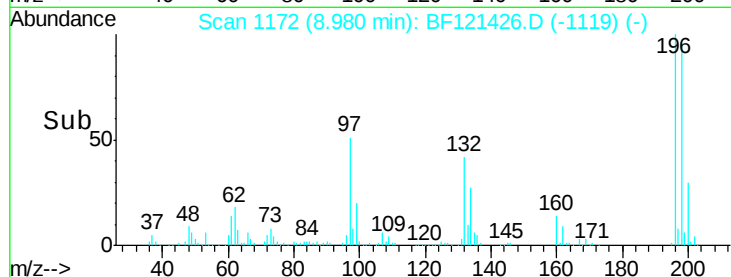
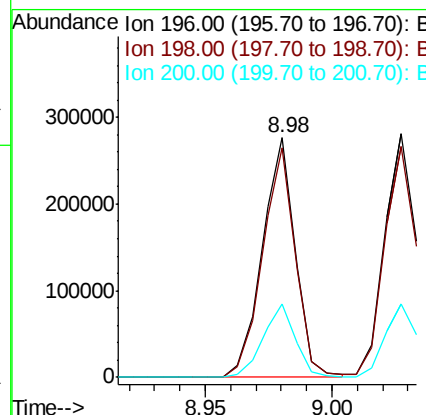
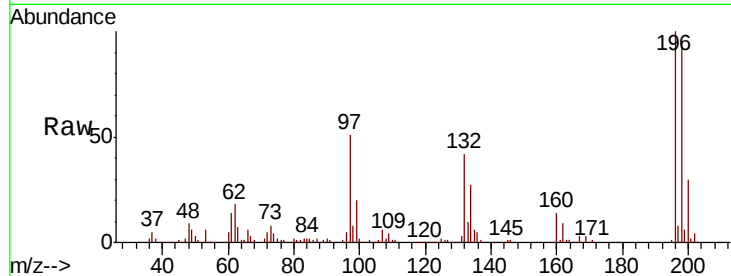
#43
 2,4,6-Trichlorophenol
 Concen: 36.821 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Instrument :
 BNA_F
 ClientSampled :
 RO-04MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	250824		
198	96.0	75.6	113.4	
200	30.5	24.2	36.2	

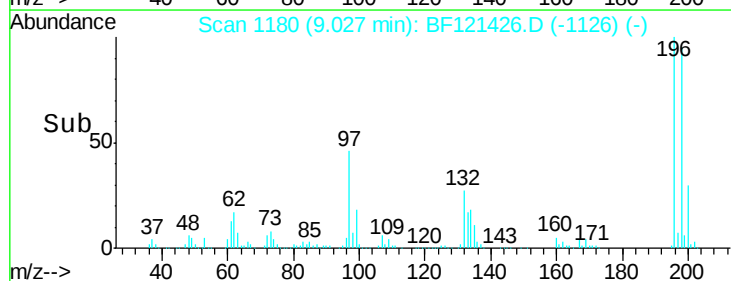
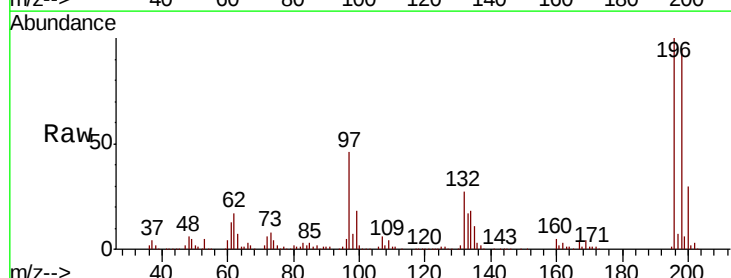
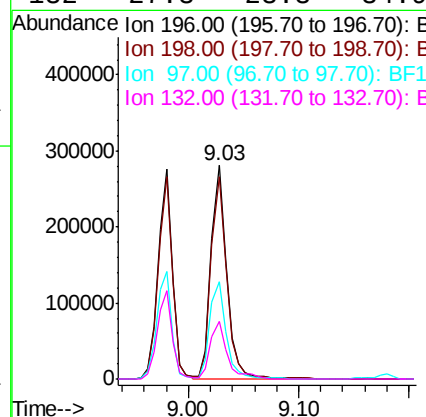
Manual Integrations
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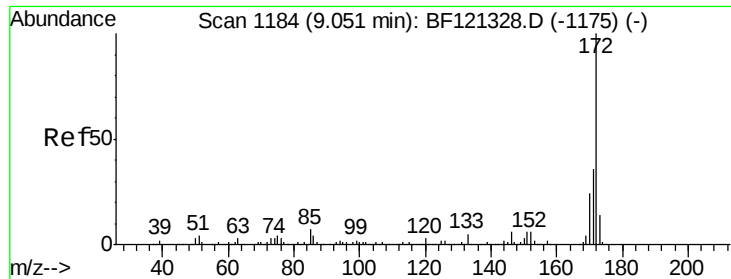
mohammad
 8/26/2020 4:00:31 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.501 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.02 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	269830		
198	94.6	75.6	113.4	
97	45.7	39.6	59.4	
132	27.3	23.3	34.9	





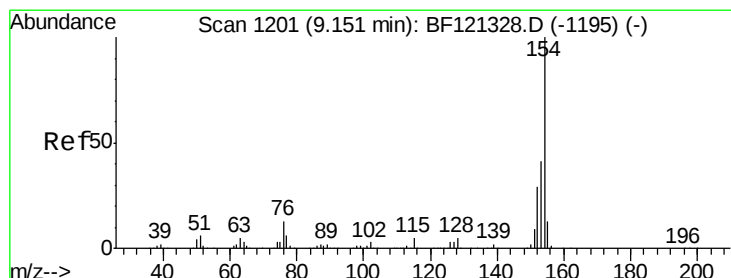
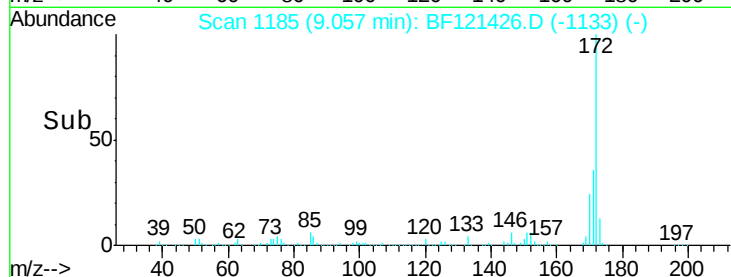
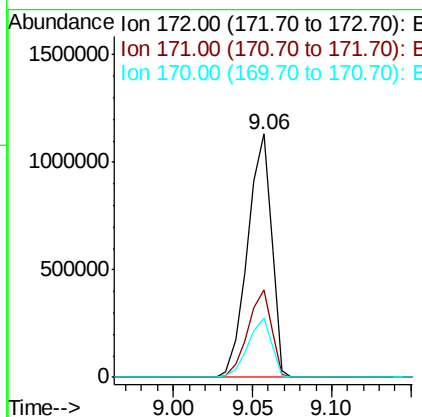
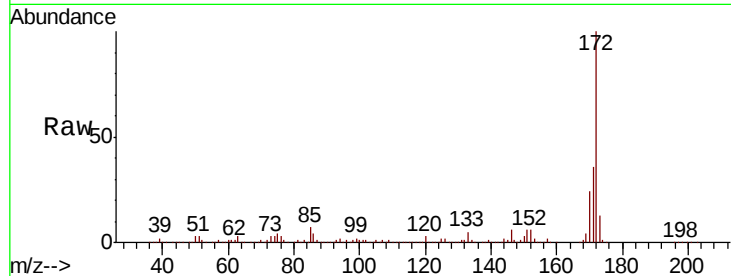
#45
2-Fluorobiphenyl
Concen: 64.773 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampled :
RO-04MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	24.3	19.4	29.2

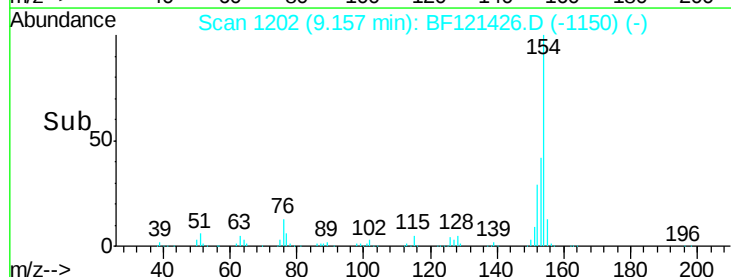
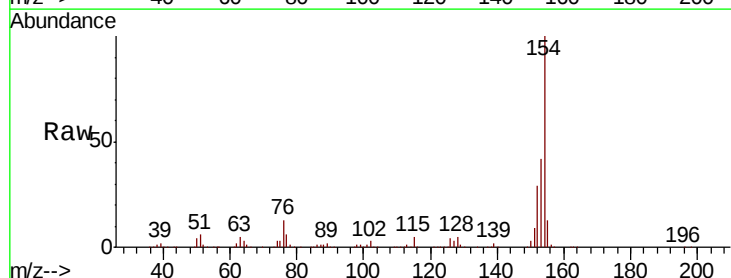
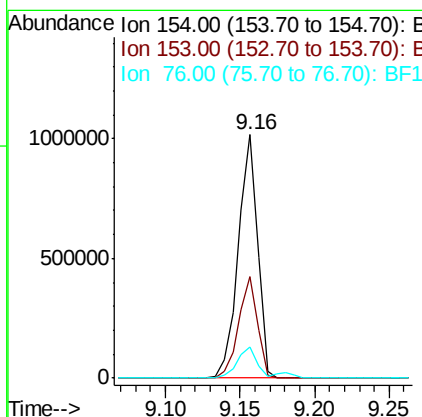
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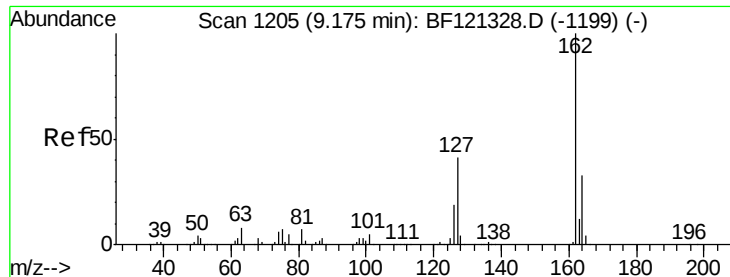
mohammad
8/26/2020 4:00:31 PM



#46
1,1'-Biphenyl
Concen: 36.681 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.8	60.8
76	12.9	0.0	33.1





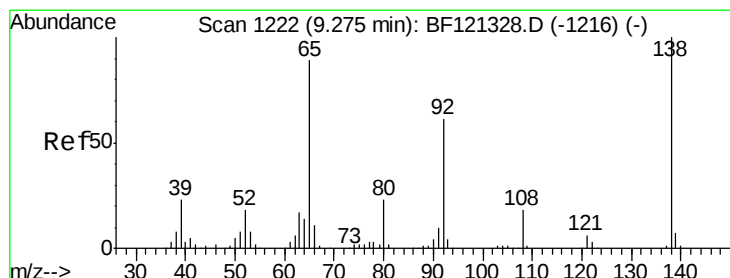
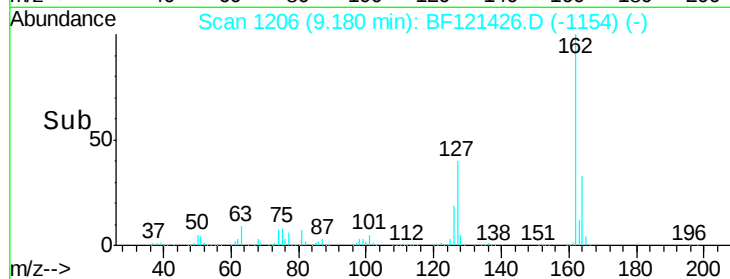
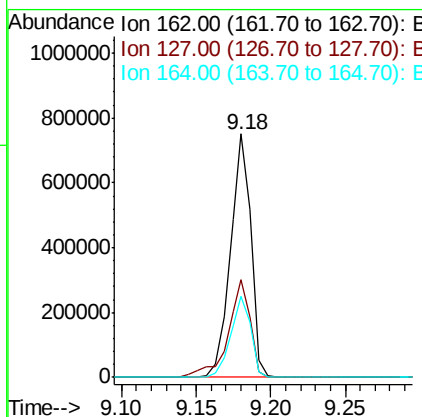
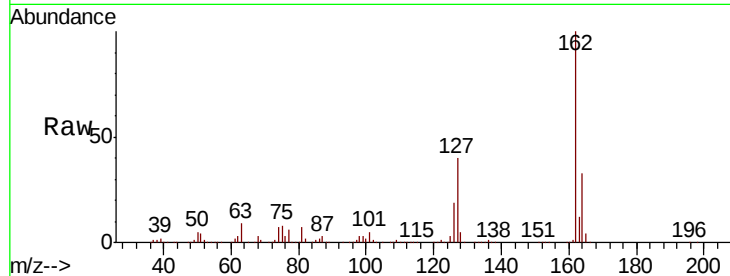
#47
 2-Chloronaphthalene
 Concen: 34.841 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	722277		
127	40.2		33.1	49.7
164	33.1		26.5	39.7

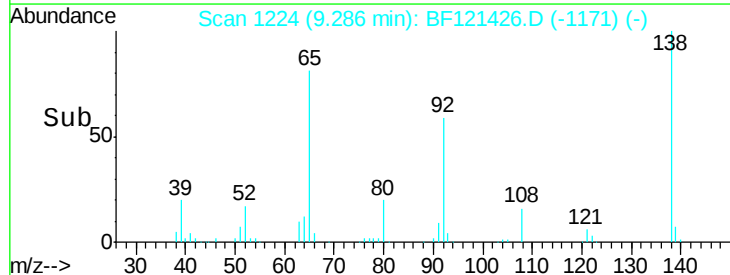
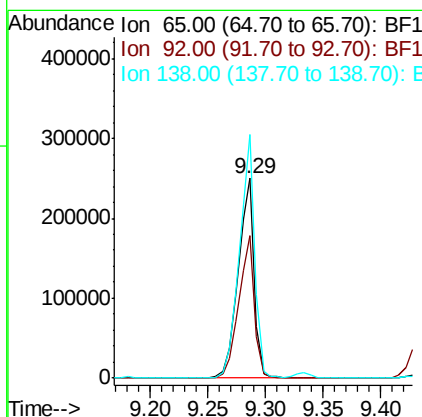
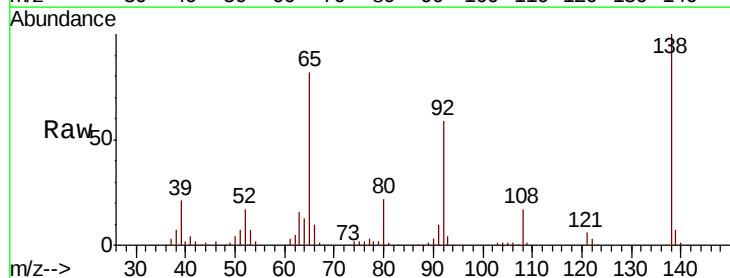
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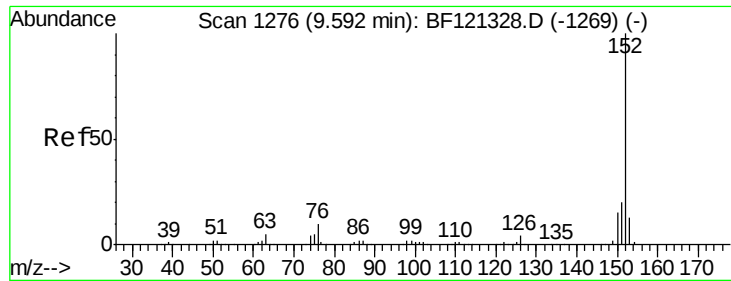
mohammad
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#48
 2-Nitroaniline
 Concen: 36.777 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	240048		
92	71.3		54.9	82.3
138	121.8		89.5	134.3





#49

Acenaphthylene

Concen: 37.152 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

ClientSampleId :

RO-04MS

Tot Ion:152 Resp: 1143968

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

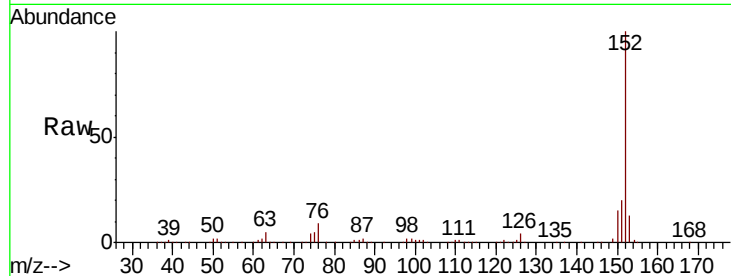
153 13.0 10.6 16.0

Manual Integrations

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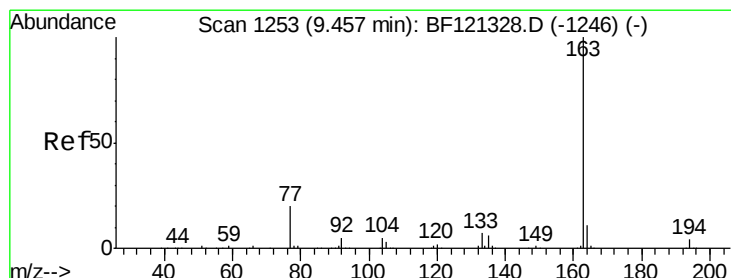
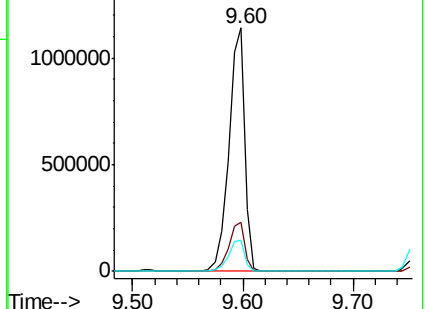
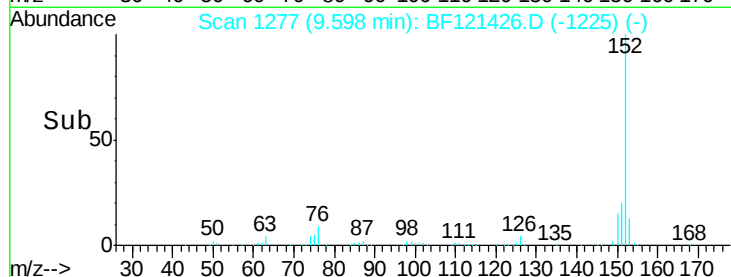
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.203 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

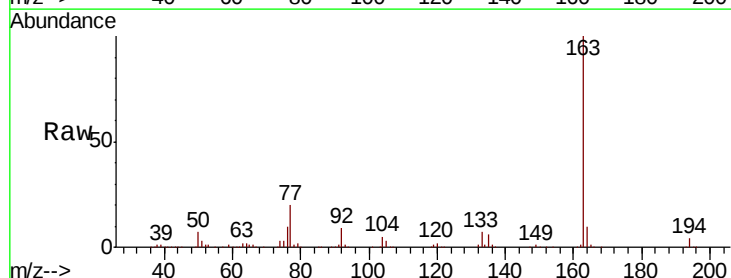
Tgt Ion:163 Resp: 1030789

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

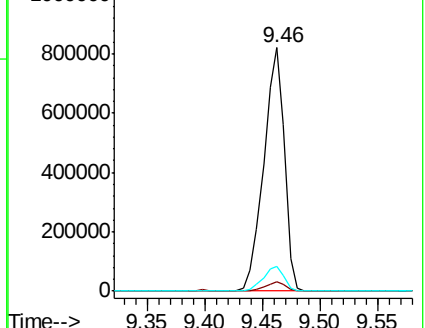
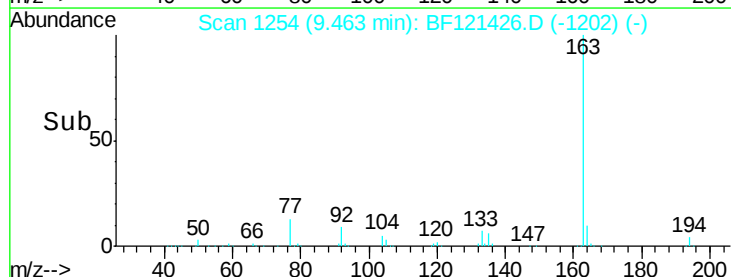
164 10.4 8.4 12.6

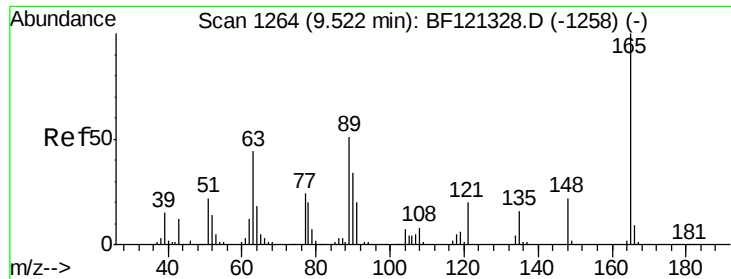


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





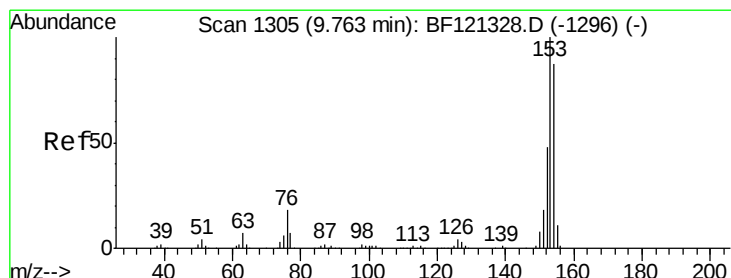
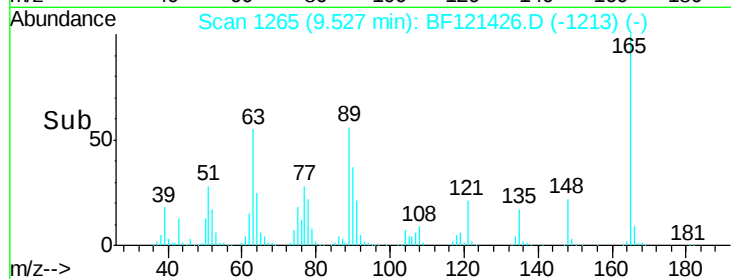
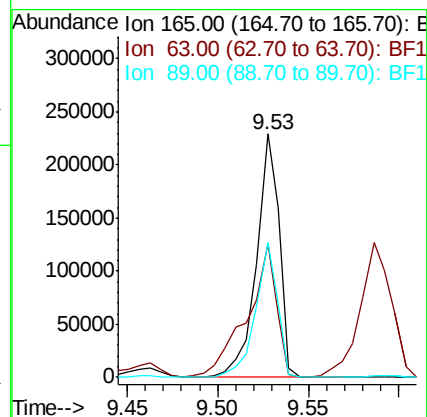
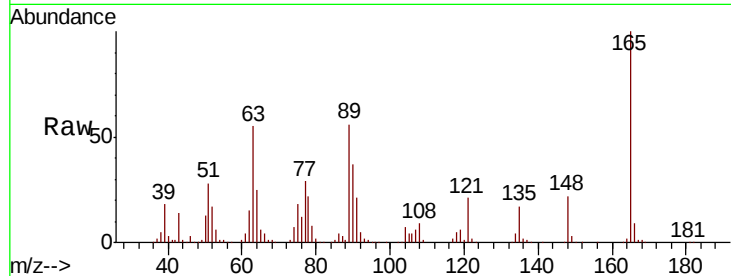
#51
 2,6-Dinitrotoluene
 Concen: 38.300 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

Tot Ion:	165	Resp:	199783
Ion Ratio	Lower	Upper	
165	100		
63	54.8	38.5	57.7
89	55.6	41.2	61.8

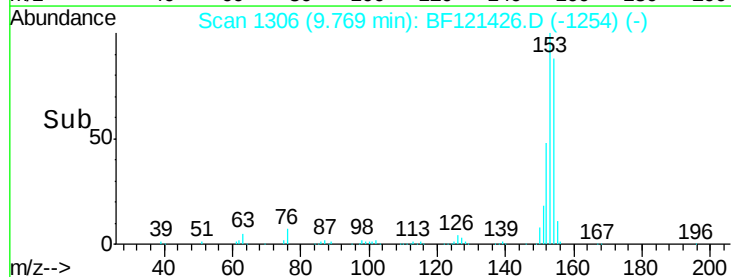
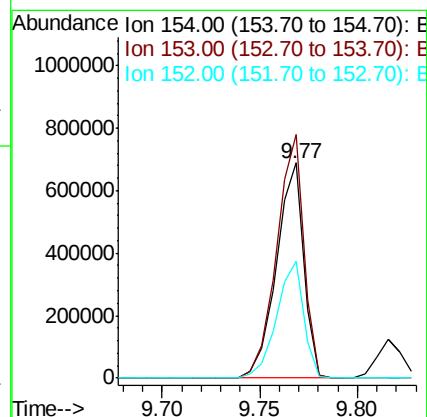
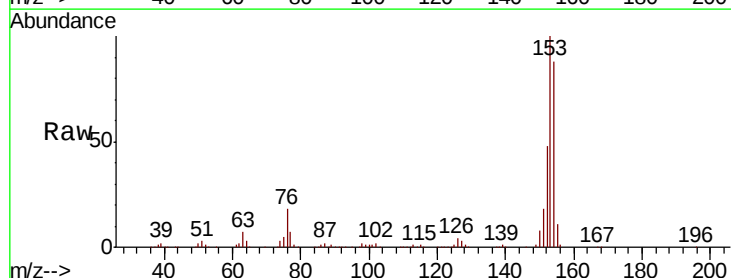
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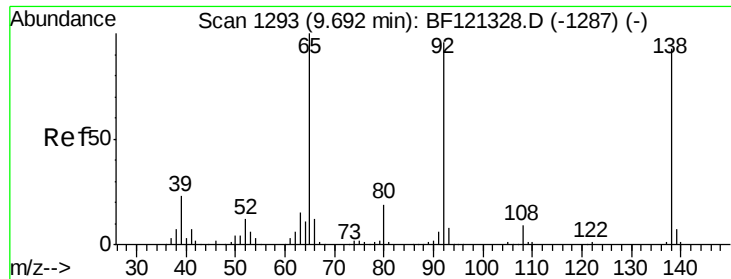
mohammad
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#52
 Acenaphthene
 Concen: 35.664 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Tgt Ion:	154	Resp:	667244
Ion Ratio	Lower	Upper	
154	100		
153	113.2	92.0	138.0
152	54.6	44.6	66.8





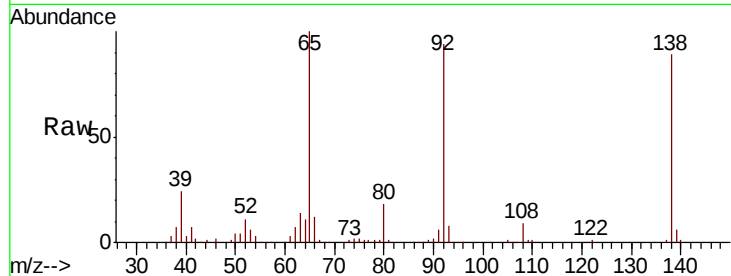
#53
 3-Nitroaniline
 Concen: 22.437 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.5	11.3
92	105.5	83.0	124.4

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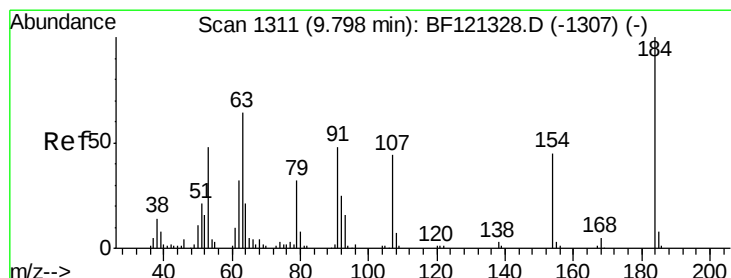
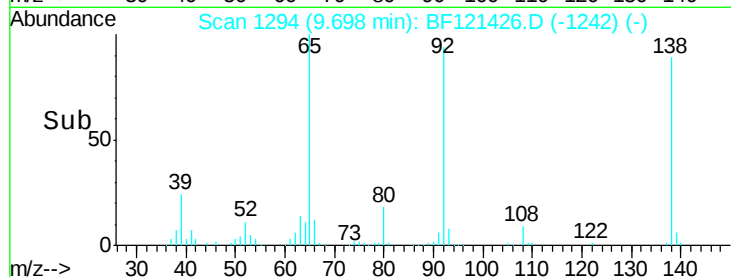
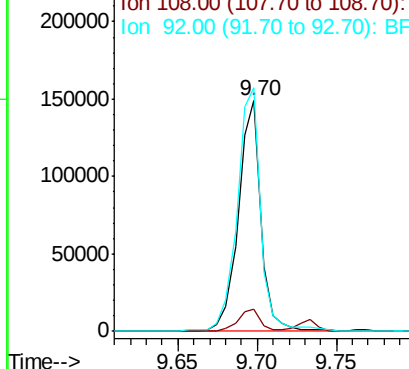


Abundance

Ion 138.00 (137.70 to 138.70): E

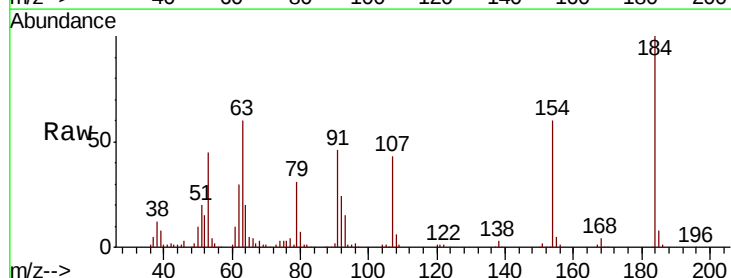
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
 2,4-Dinitrophenol
 Concen: 83.626 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.02 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.3	51.5	77.3
154	59.6	48.0	72.0

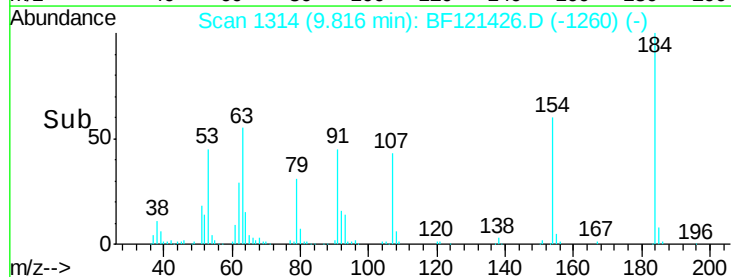
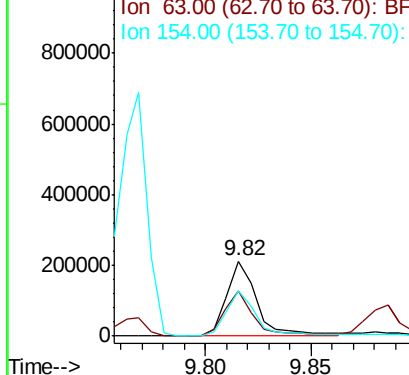


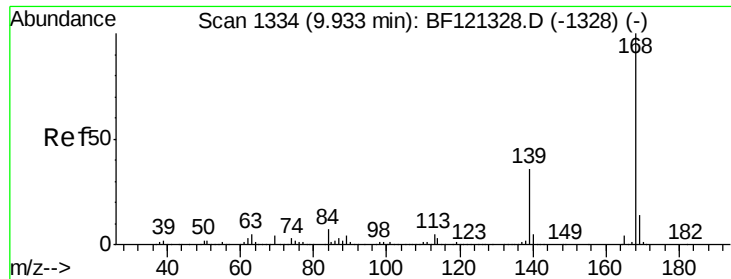
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





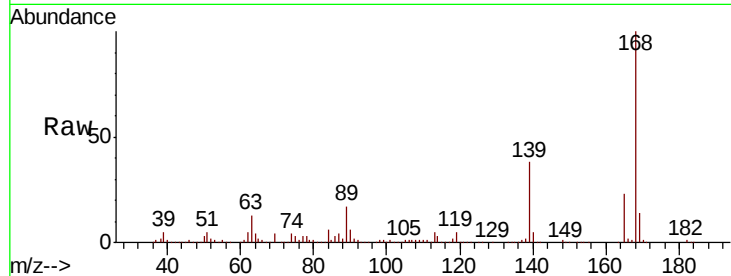
#55
Dibenzenofuran
Concen: 40.076 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampleId :
RO-04MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.1	43.7
169	13.6	11.0	16.6

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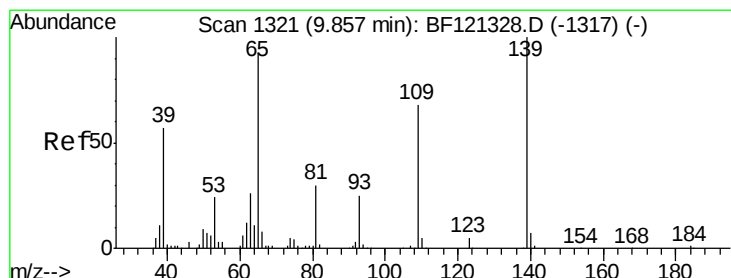
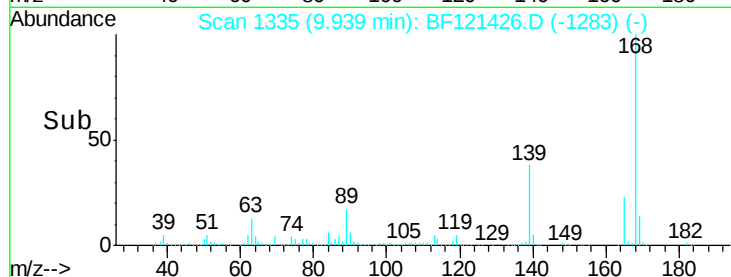
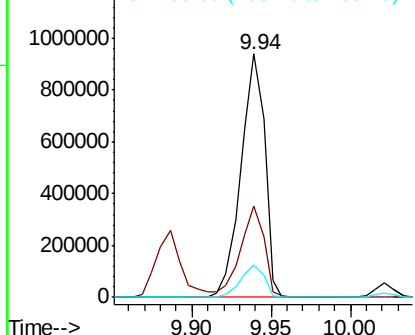


Abundance

Ion 168.00 (167.70 to 168.70): E

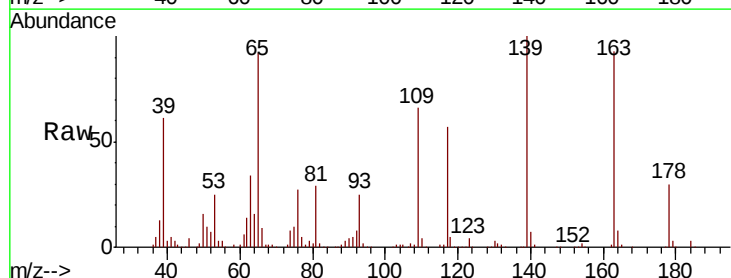
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 72.544 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.03 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.4	47.7	87.7
65	91.7	73.2	113.2

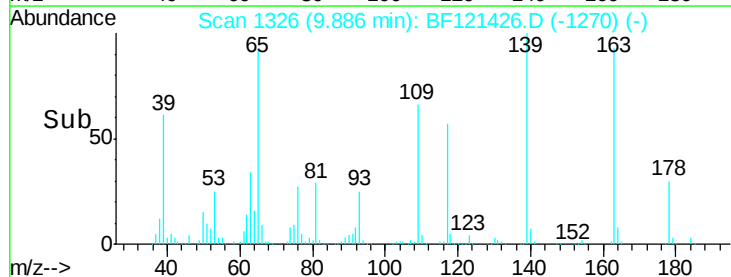
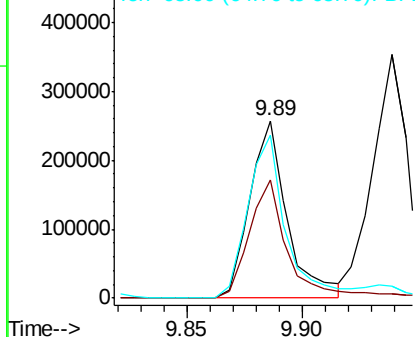


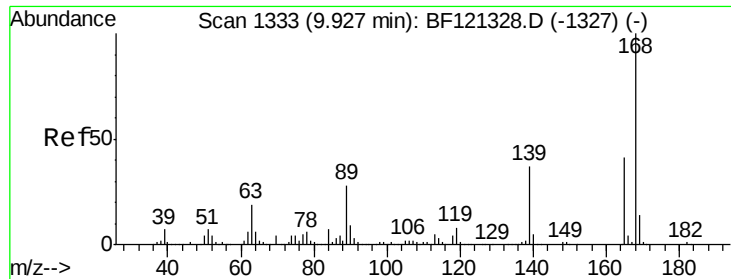
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





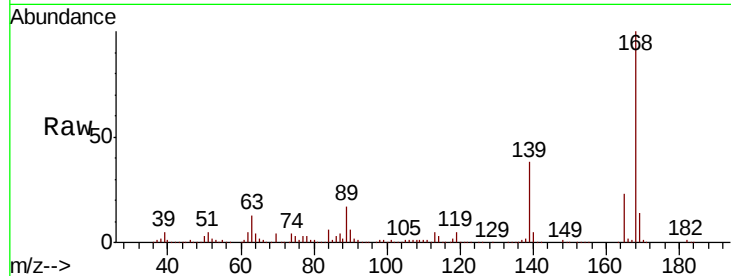
#57
 2,4-Dinitrotoluene
 Concen: 37.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	56.8	37.5	56.3#
89	74.7	54.2	81.4
182	2.7	2.2	3.4

Manual Integrations
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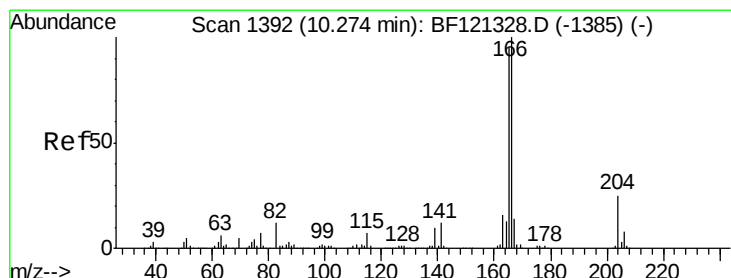
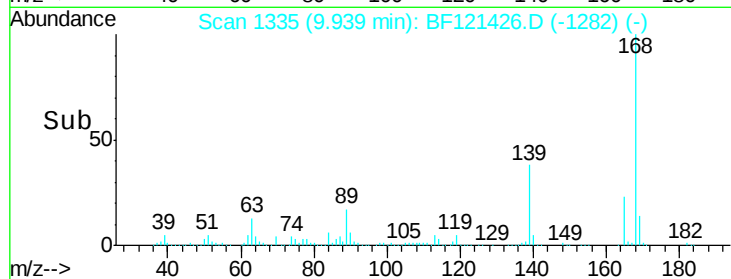
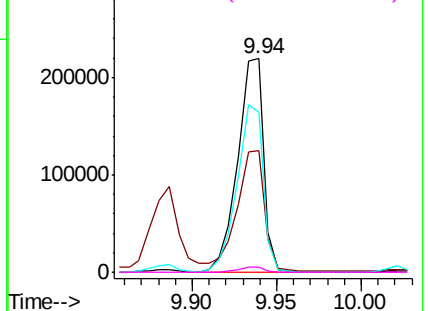
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 43.249 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

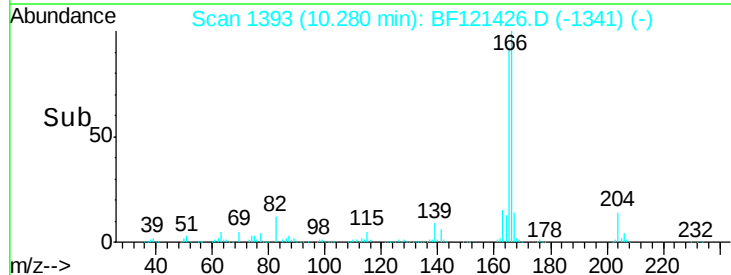
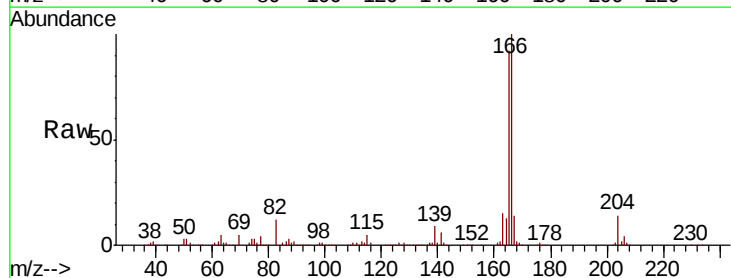
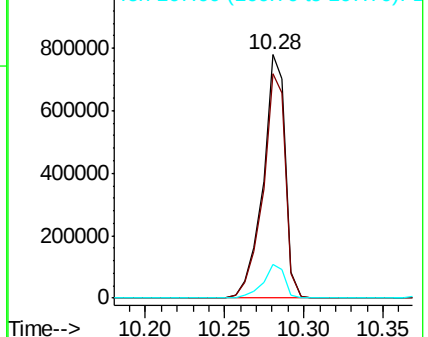
Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	92.4	75.8	113.8
167	13.8	11.0	16.4

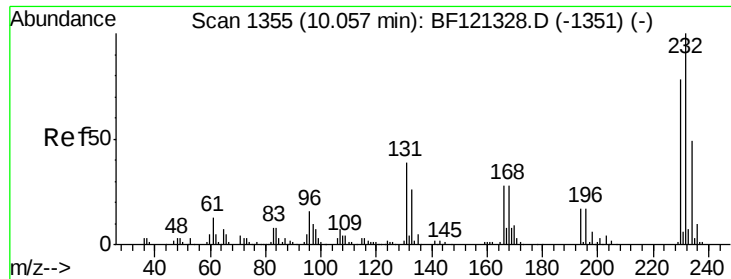
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





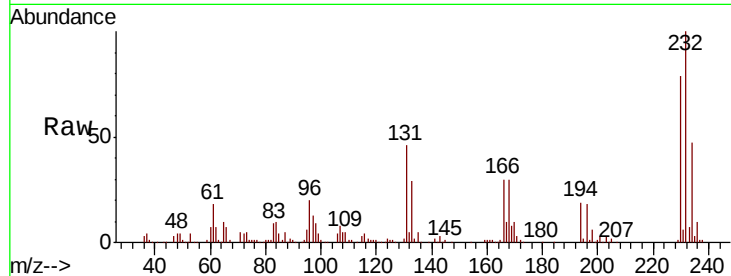
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.240 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

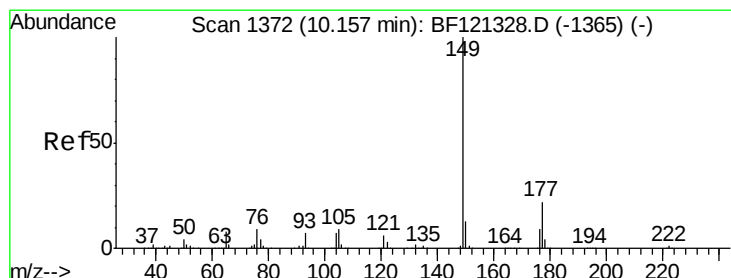
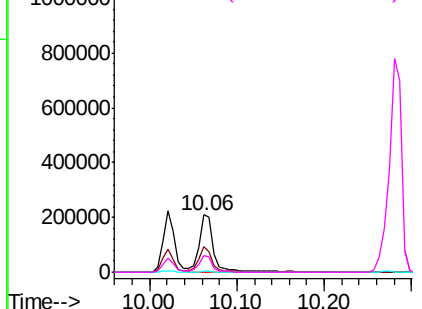
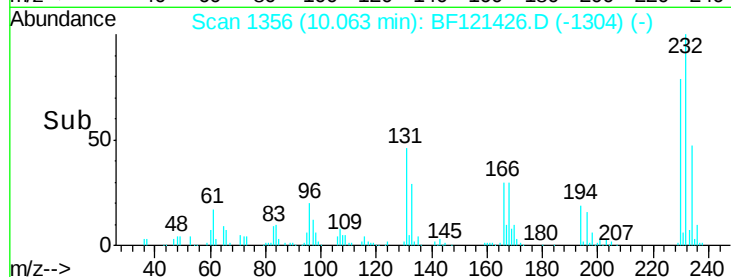
Tot Ion	Ratio	Resp	Lower	Upper
232	100	235088		
131	41.8		34.2	51.4
130	2.1		1.7	2.5
166	27.9		22.3	33.5

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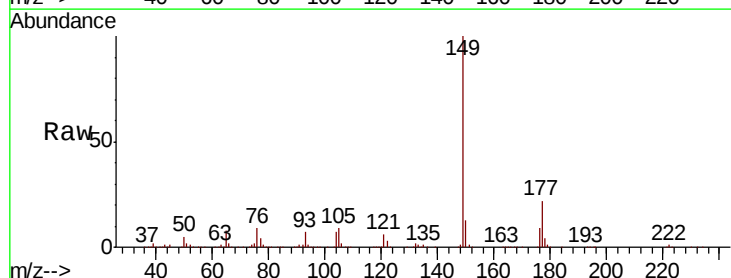


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

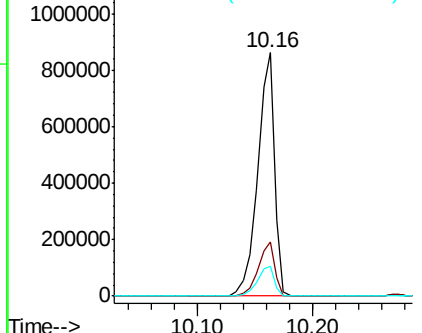
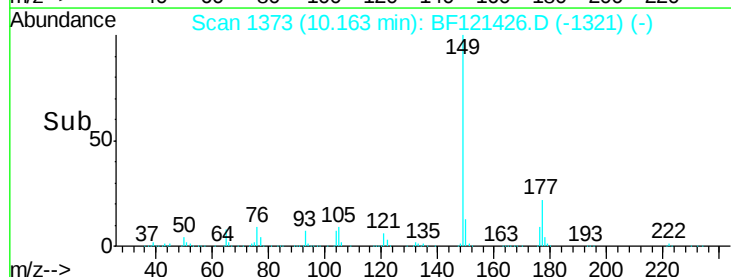


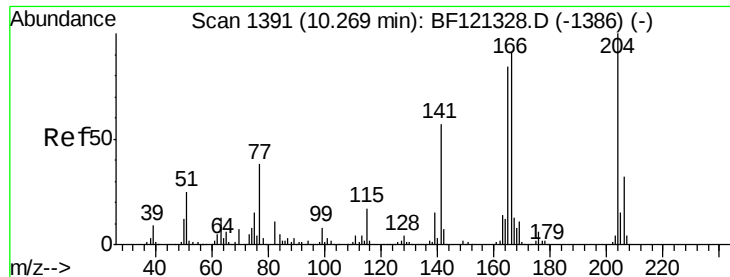
#60
 Diethylphthalate
 Concen: 36.834 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	878516		
177	22.4		17.6	26.4
150	12.5		10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





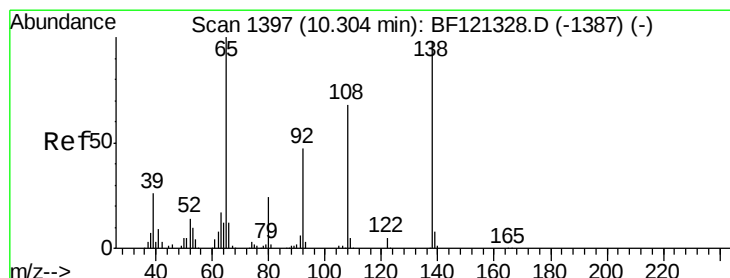
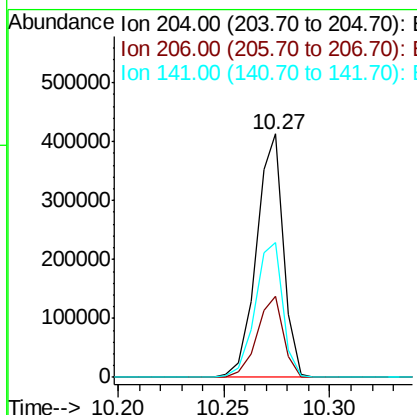
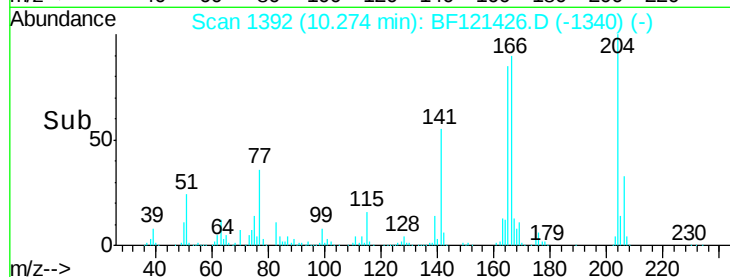
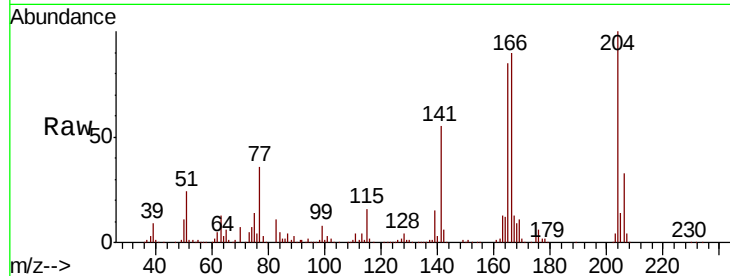
#61
4-Chlorophenyl-phenylether
Concen: 40.830 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampled :
RO-04MS

Tot Ion:	204	Resp:	366251
Ion Ratio	Lower	Upper	
204	100		
206	33.1	25.9	38.9
141	55.1	45.5	68.3

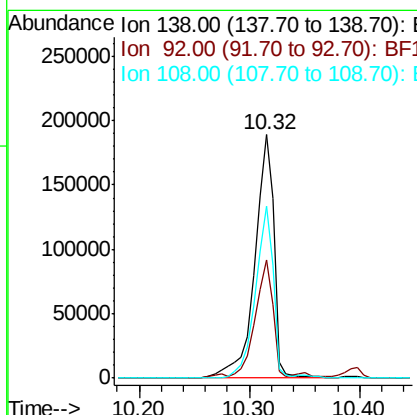
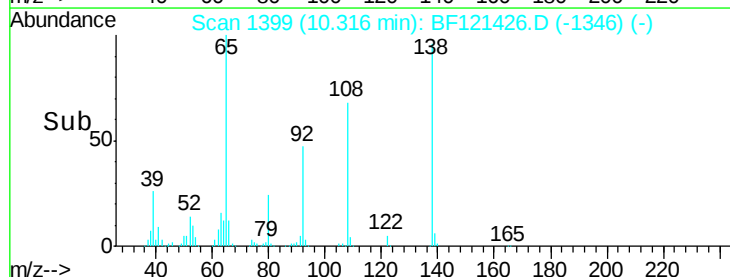
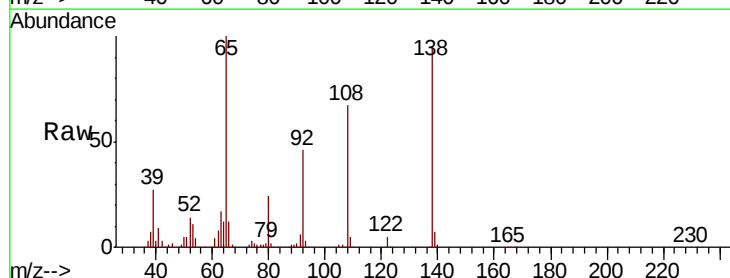
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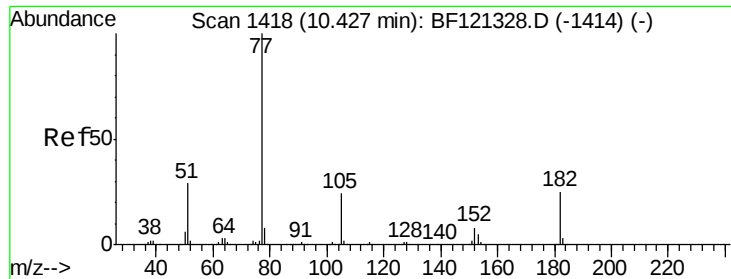
mohammad
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#62
4-Nitroaniline
Concen: 34.700 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion:	138	Resp:	232010
Ion Ratio	Lower	Upper	
138	100		
92	48.6	28.1	68.1
108	70.6	49.5	89.5





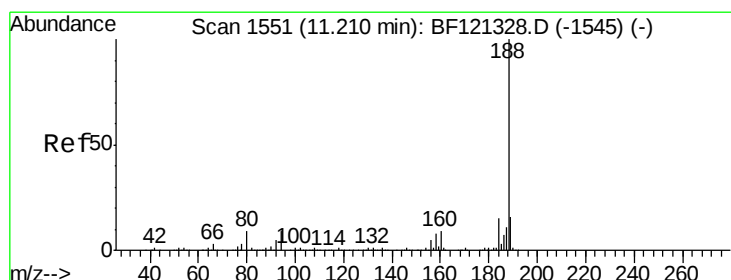
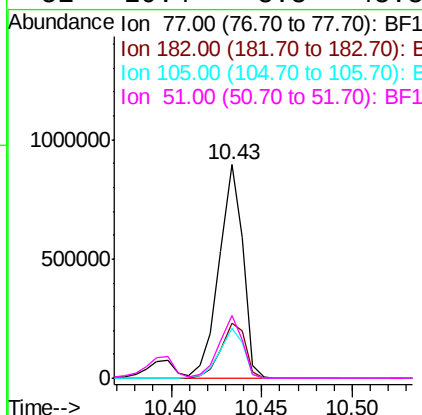
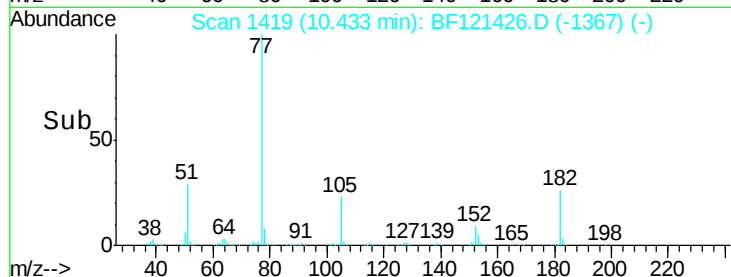
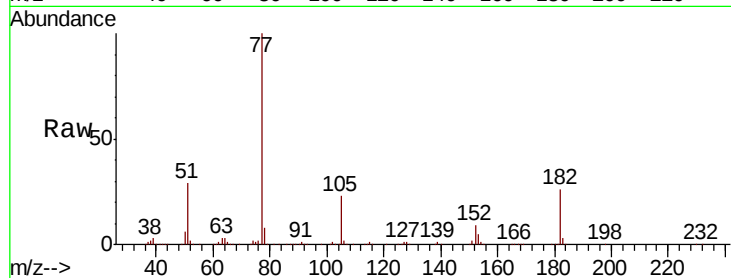
#63
Azobenzene
Concen: 36.921 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampleId :
RO-04MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.1	5.0	45.0
105	23.4	3.6	43.6
51	29.4	8.8	48.8

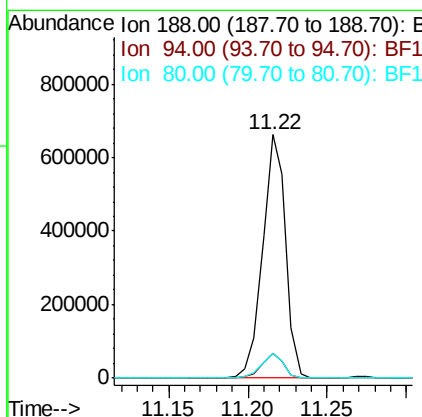
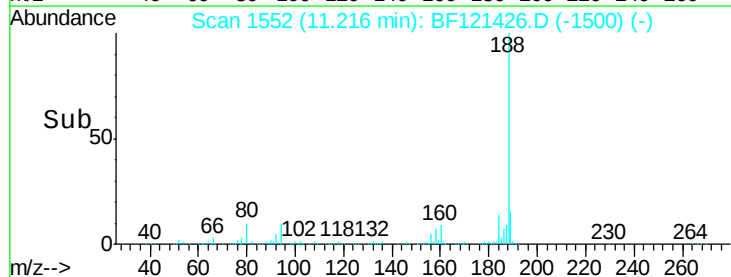
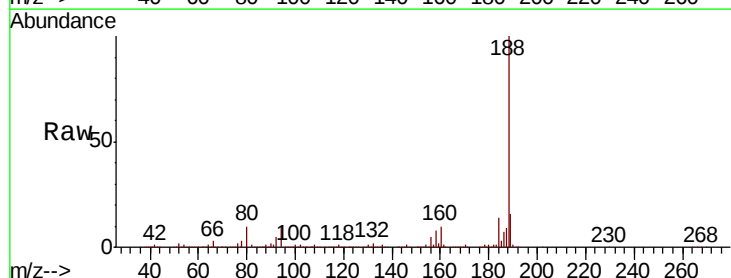
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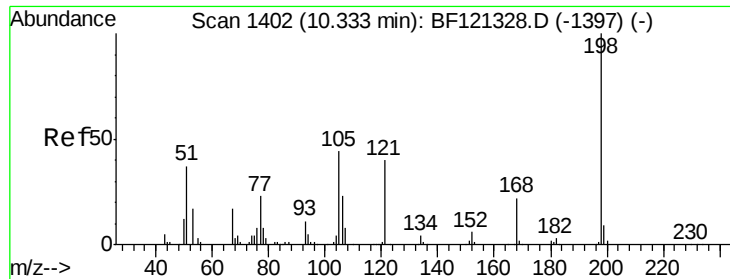
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.2	10.8
80	10.3	7.4	11.0





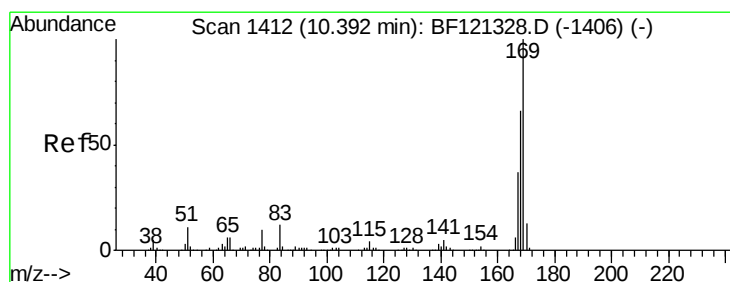
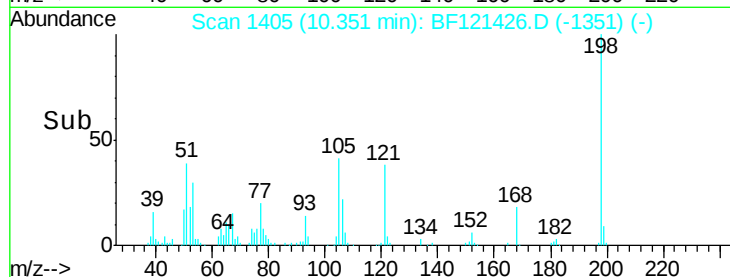
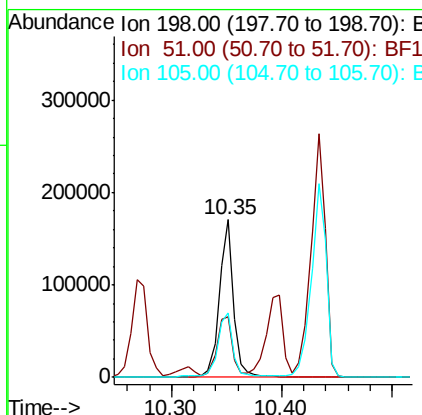
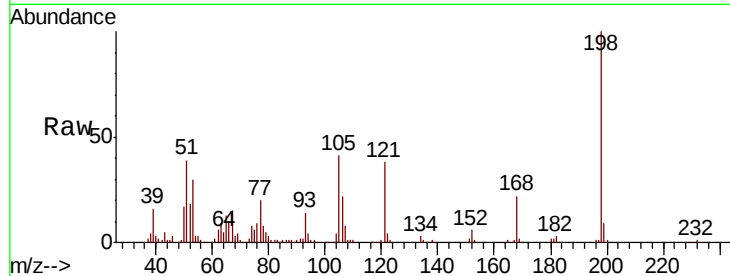
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.871 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.02 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	153666		
51	38.9	25.5	65.5	
105	40.8	24.9	64.9	

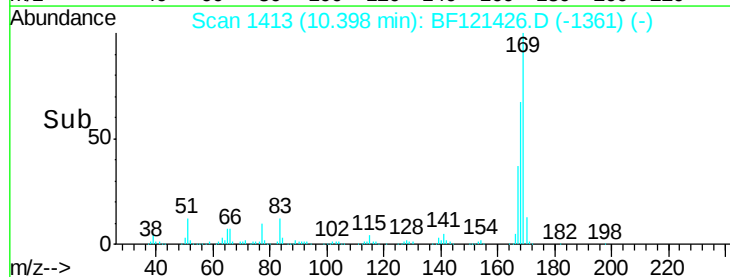
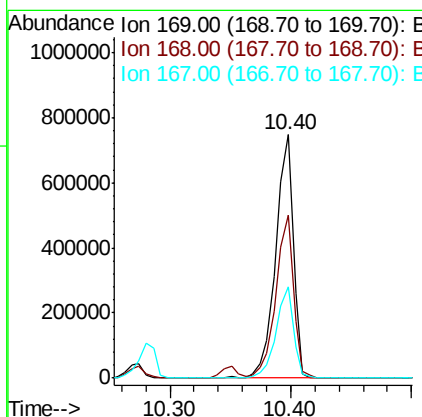
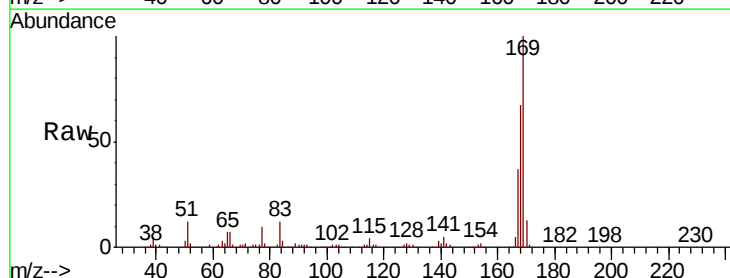
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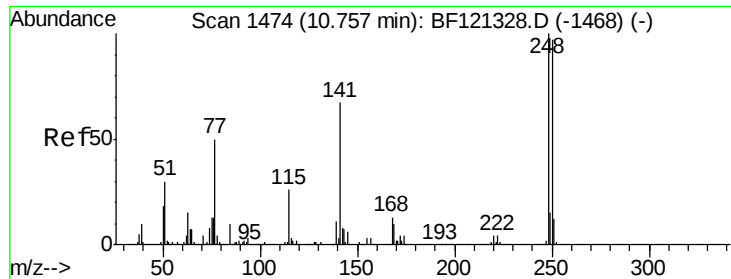
mohammad
 8/26/2020 4:00:31 PM



#66
 n-Nitrosodiphenylamine
 Concen: 36.351 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	751504		
168	67.0	53.0	79.6	
167	37.3	29.5	44.3	





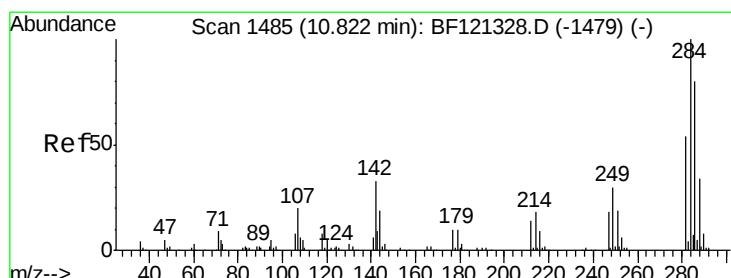
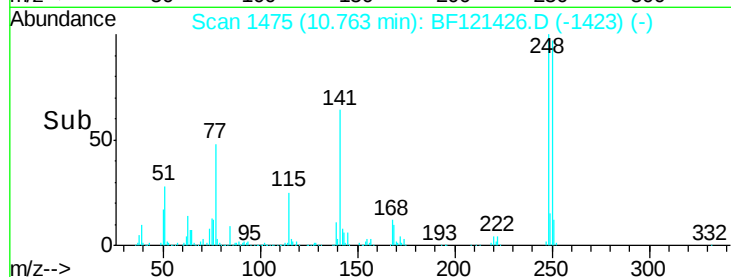
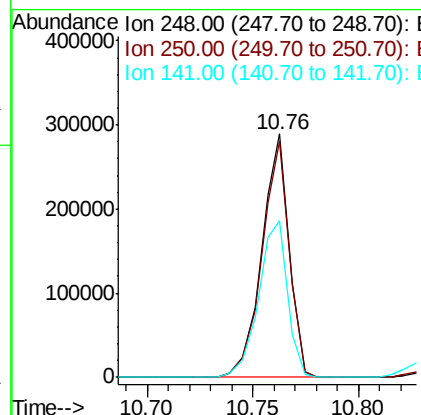
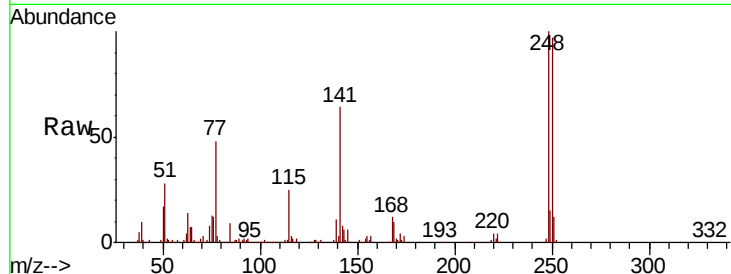
#67
4-Bromophenyl-phenylether
Concen: 35.016 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampleId :
RO-04MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.9	116.9
141	64.5	53.5	80.3

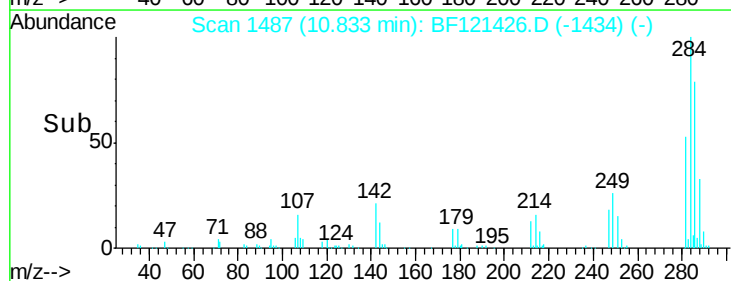
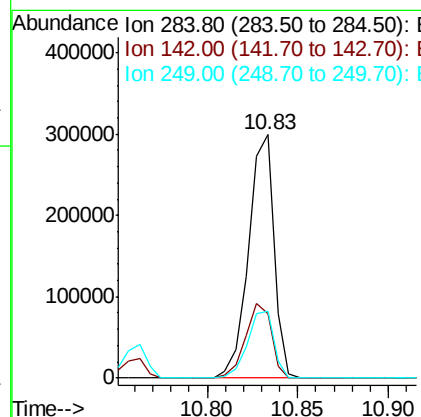
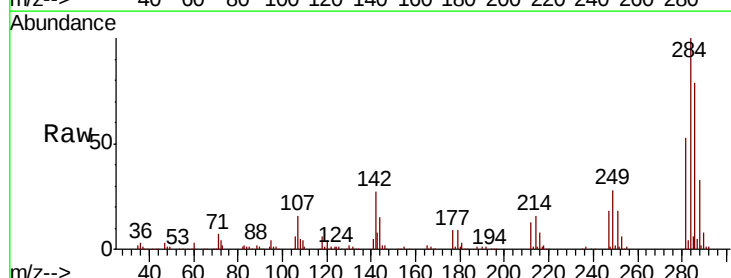
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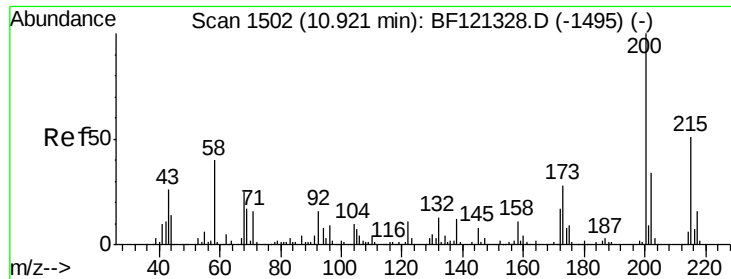
mohammad
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#68
Hexachlorobenzene
Concen: 34.071 ng
RT: 10.83 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.7	26.1	39.1
249	27.7	24.0	36.0





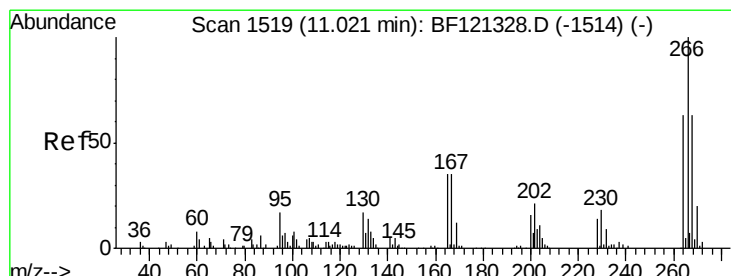
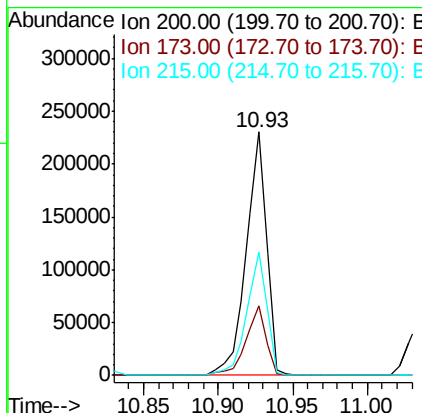
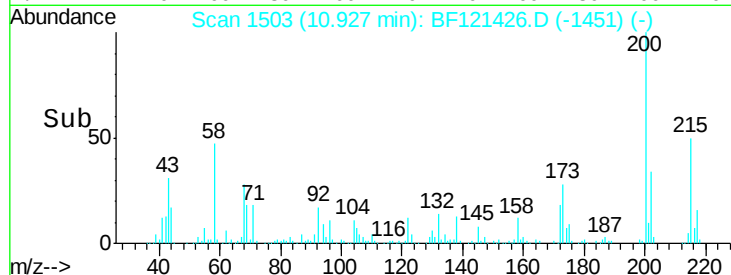
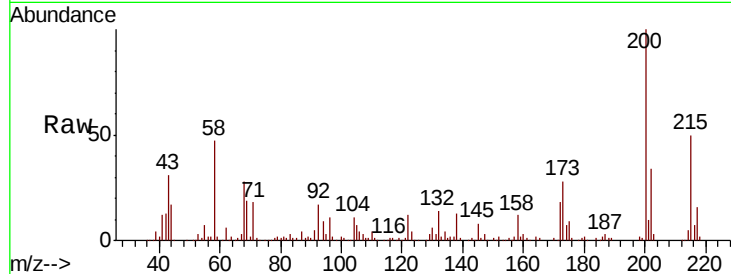
#69
 Atrazine
 Concen: 34.025 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	7.8	47.8
215	50.5	30.5	70.5

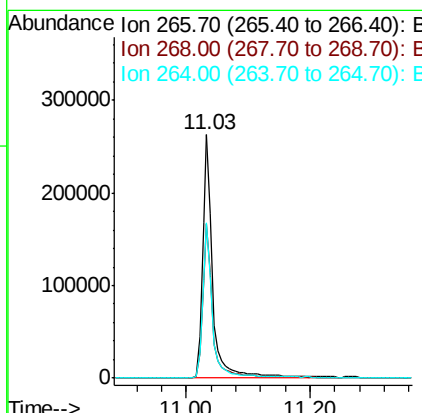
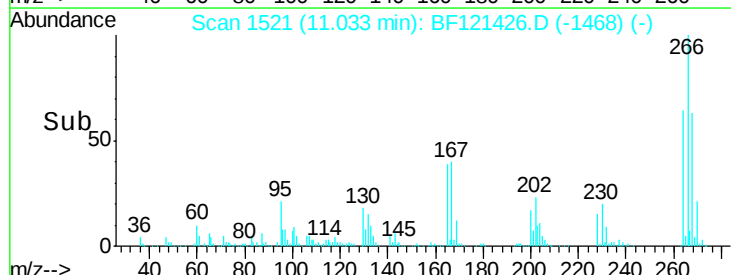
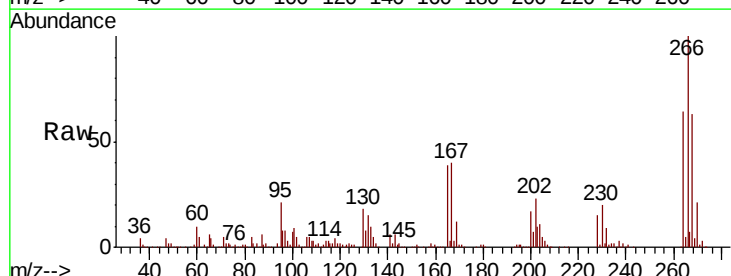
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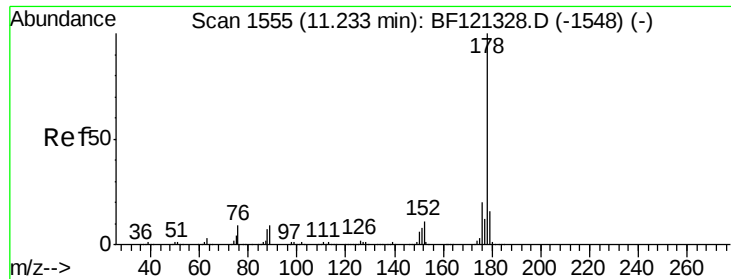
mohammad
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#70
 Pentachlorophenol
 Concen: 81.231 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	50.6	75.8
264	63.9	50.5	75.7





#71

Phenanthrene

Concen: 35.965 ng

RT: 11.24 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

ClientSampleId :

RO-04MS

Tot Ion:178 Resp: 1247557

Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

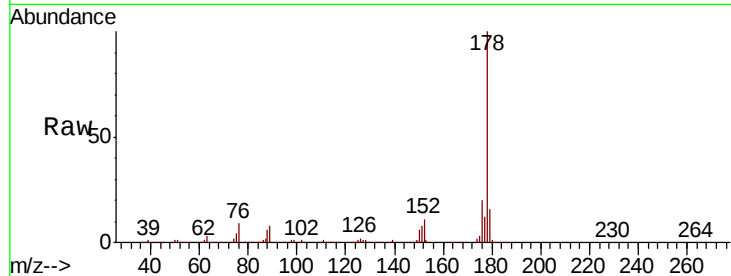
179 15.8 12.8 19.2

Manual Integrations

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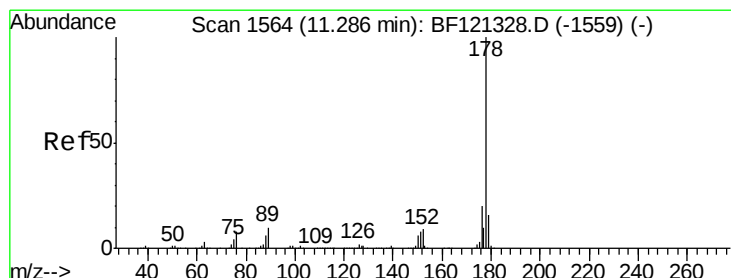
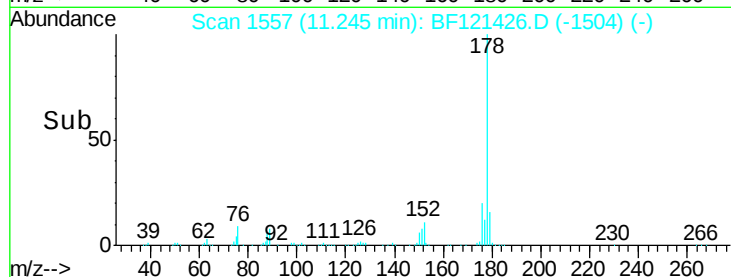
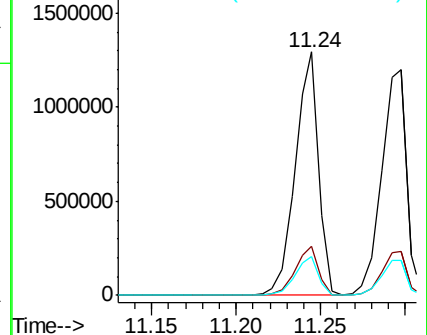
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.196 ng

RT: 11.30 min Scan# 1566

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Tgt Ion:178 Resp: 1242473

Ion Ratio Lower Upper

178 100

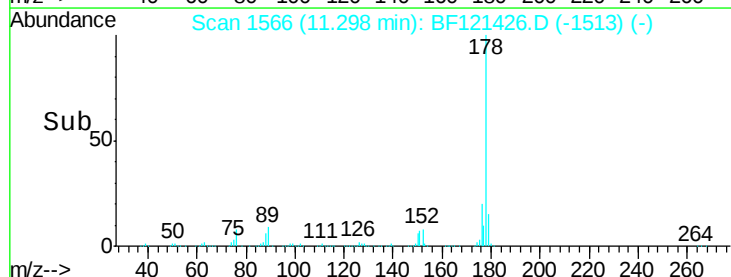
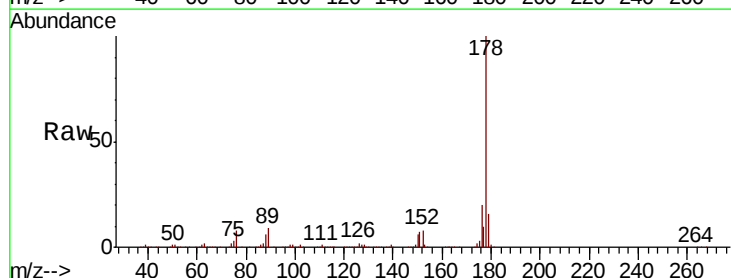
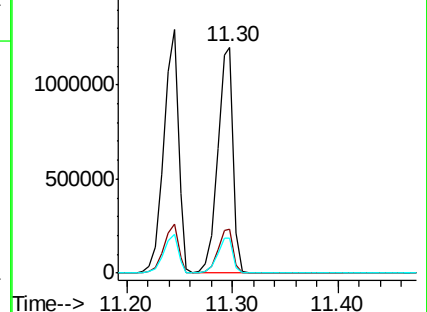
176 19.6 15.6 23.4

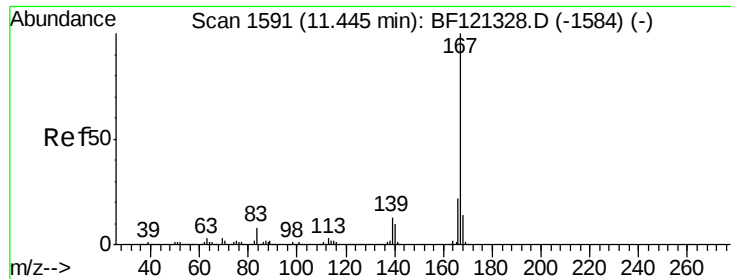
179 15.5 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





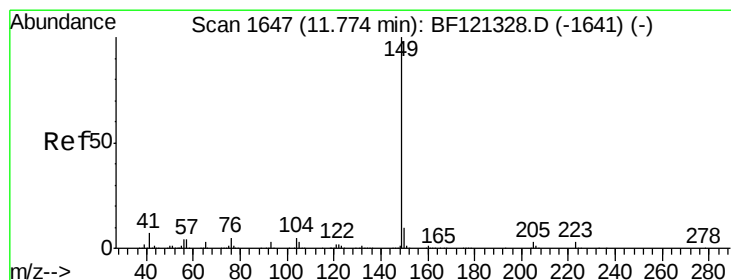
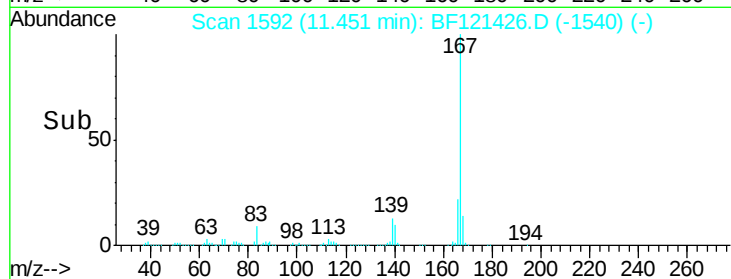
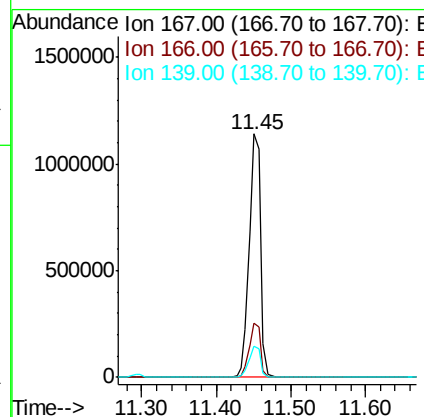
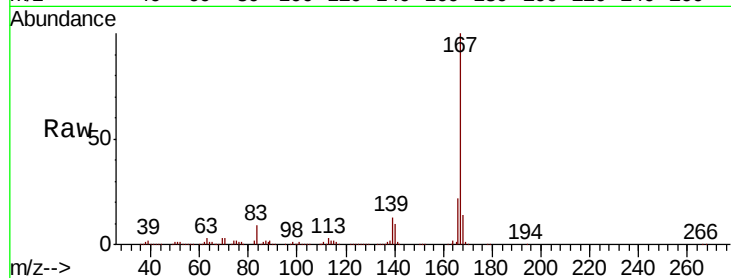
#73
 Carbazole
 Concen: 37.405 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.7	26.5
139	12.9	10.2	15.2

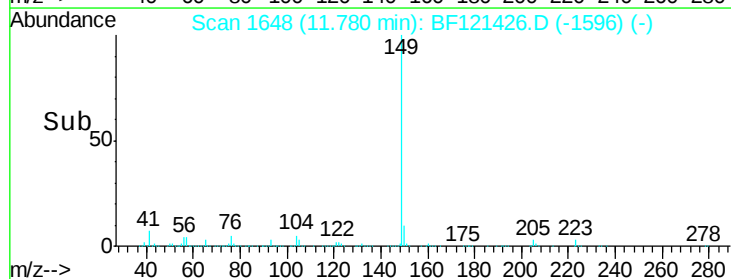
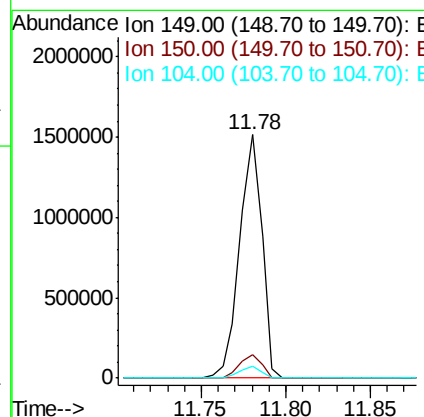
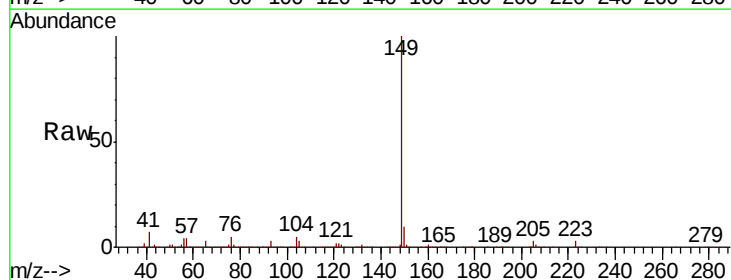
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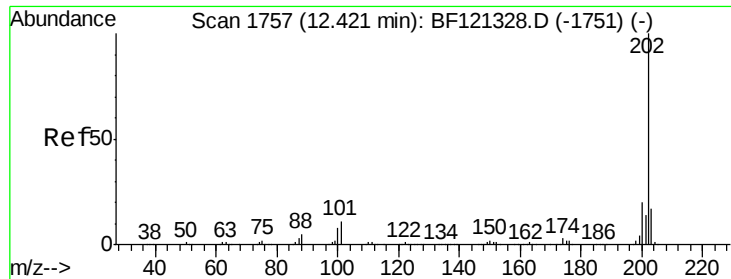
mohammad
 8/26/2020 4:00:31 PM



#74
 Di-n-butylphthalate
 Concen: 36.081 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	4.8	3.9	5.9





#75

Fluoranthene

Concen: 39.483 ng

RT: 12.43 min Scan# 1759

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

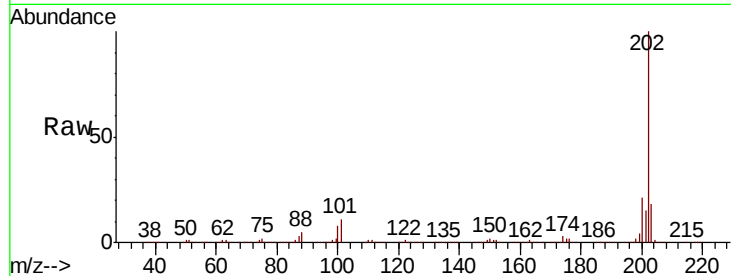
ClientSampleId :

RO-04MS

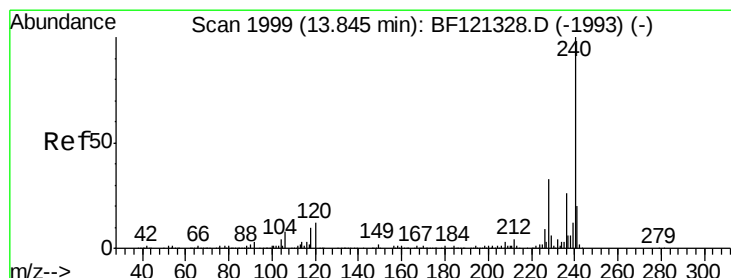
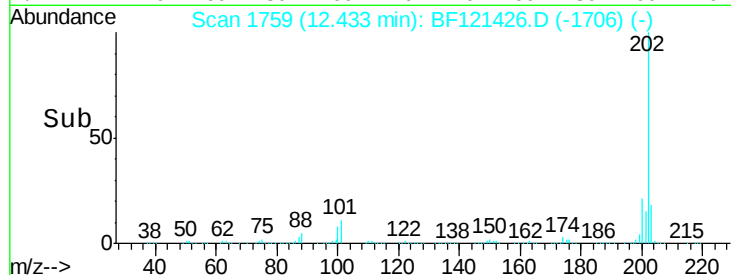
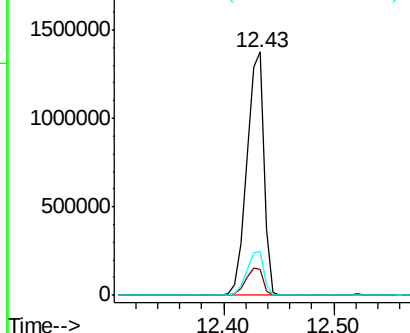
Tot Ion:	202	Resp:	1486561
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	30.6
203	17.8	0.0	37.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

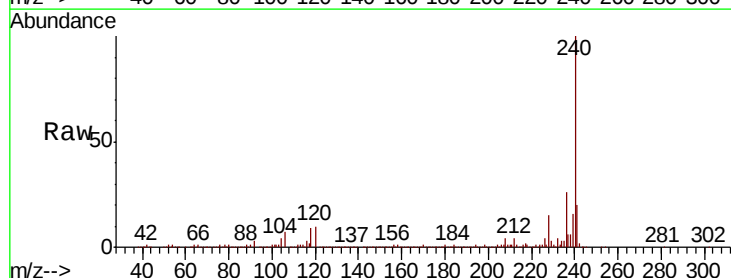
RT: 13.86 min Scan# 2002

Delta R.T. 0.02 min

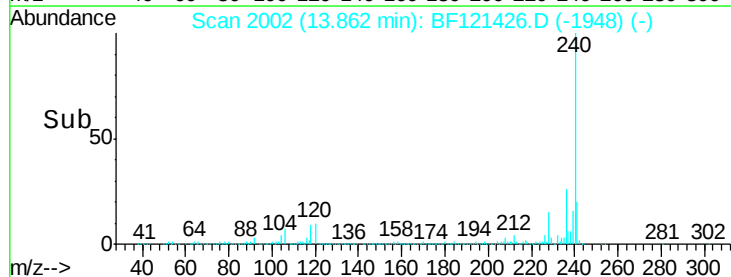
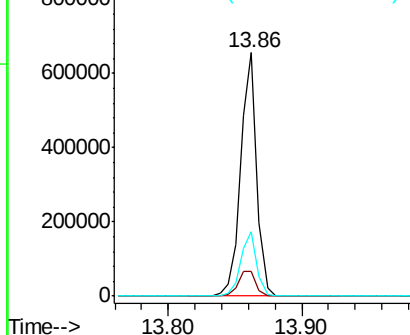
Lab File: BF121426.D

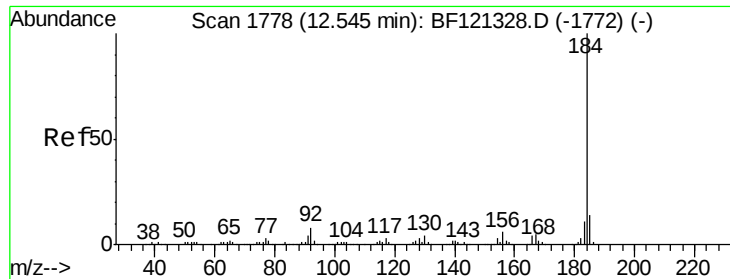
Acq: 25 Aug 2020 14:23

Tgt Ion:	240	Resp:	548811
Ion Ratio	Lower	Upper	
240	100		
120	10.4	9.6	14.4
236	26.3	20.6	31.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





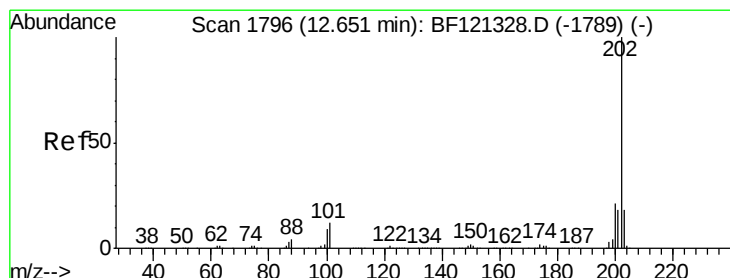
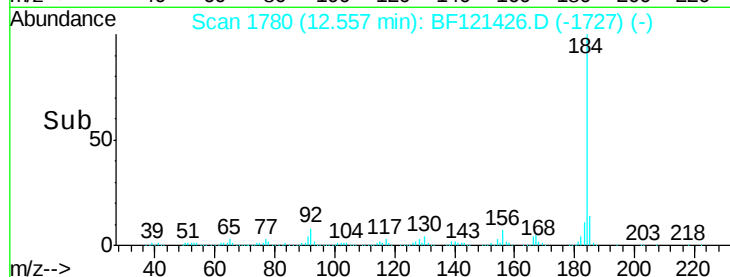
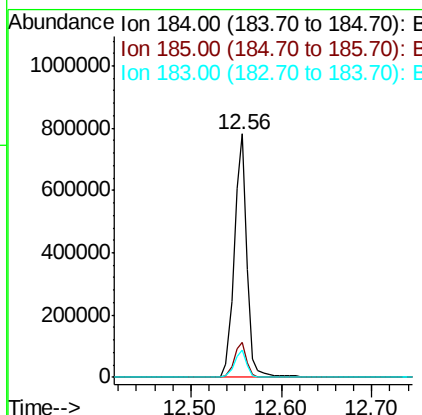
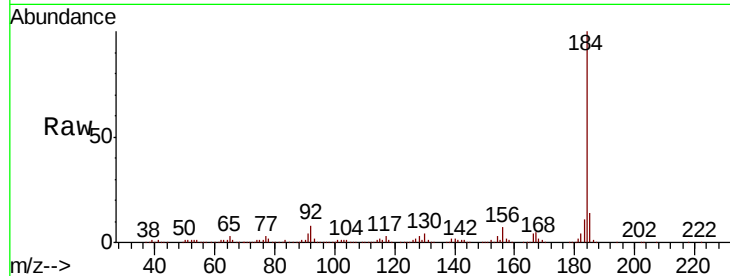
#77
Benzidine
Concen: 50.733 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampled :
RO-04MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.6	17.4
183	11.2	8.7	13.1

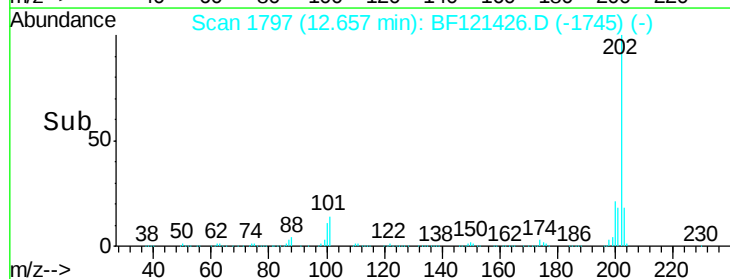
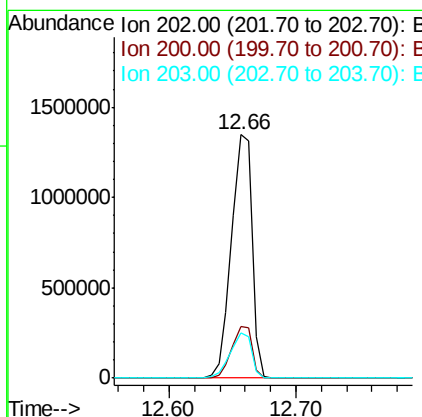
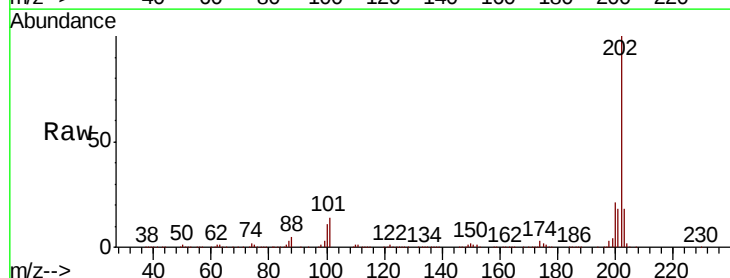
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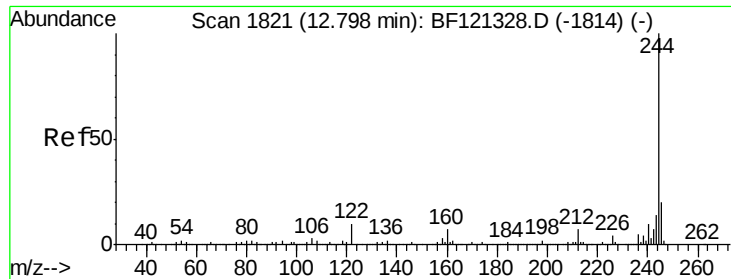
mohammad
8/26/2020 4:00:31 PM



#78
Pyrene
Concen: 36.548 ng
RT: 12.66 min Scan# 1797
Delta R.T. 0.01 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	24.8
203	18.3	14.2	21.2





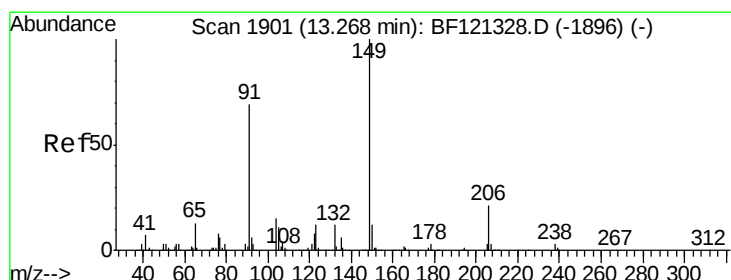
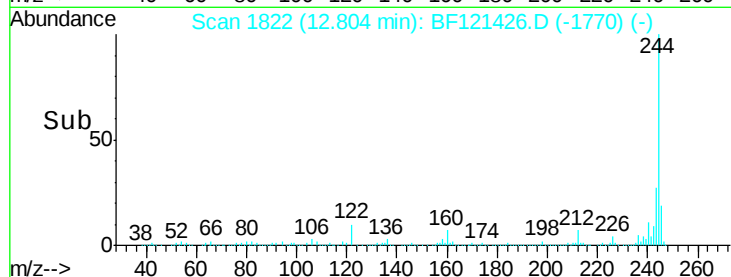
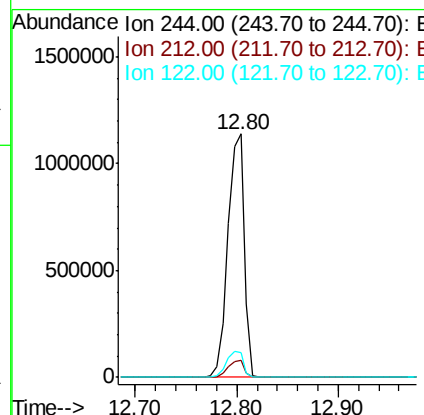
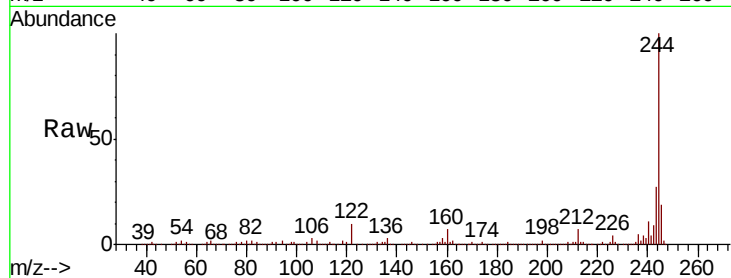
#79
 Terphenyl-d14
 Concen: 45.379 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.1	7.8	11.8

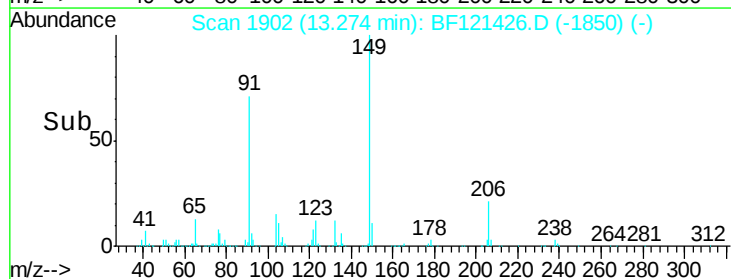
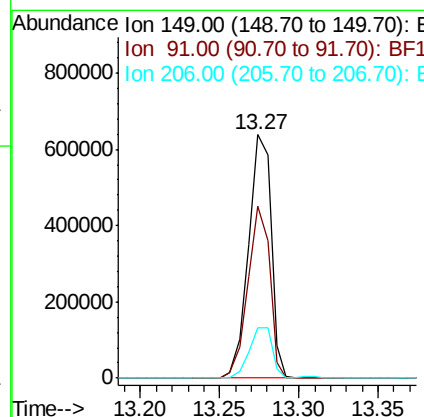
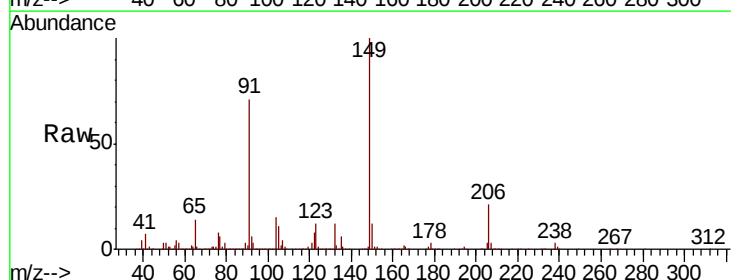
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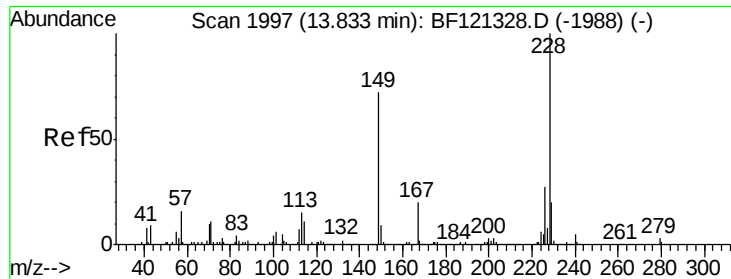
mohammad
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#80
 Butylbenzylphthalate
 Concen: 35.659 ng
 RT: 13.27 min Scan# 1902
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.7	55.2	82.8
206	20.7	16.8	25.2





#81

Benzo(a)anthracene

Concen: 37.341 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.02 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

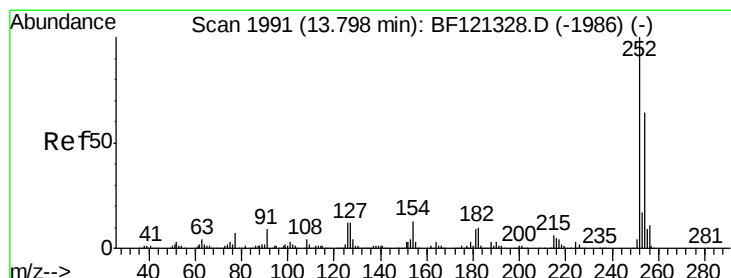
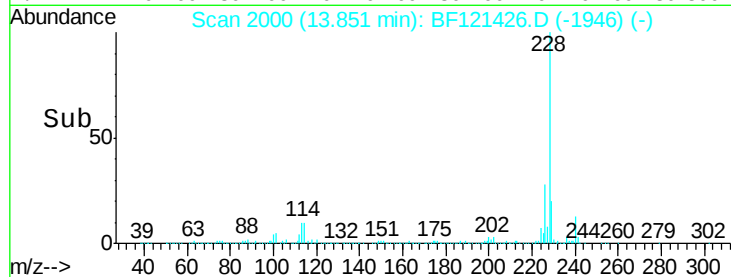
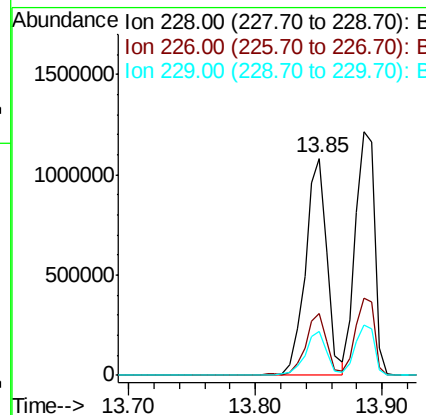
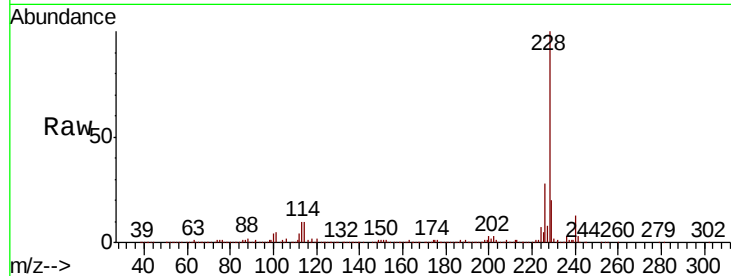
ClientSampleId :

RO-04MS

Tot Ion:	228	Resp:	1272835
Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.8	32.6
229	20.4	15.8	23.8

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 31.189 ng

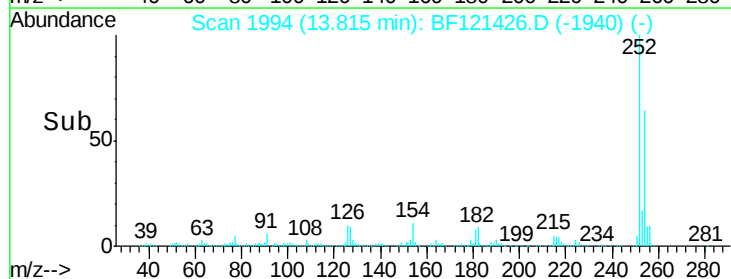
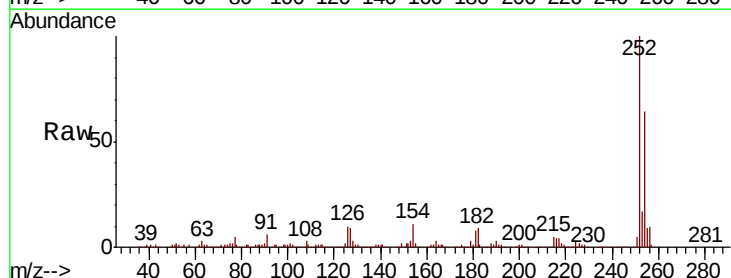
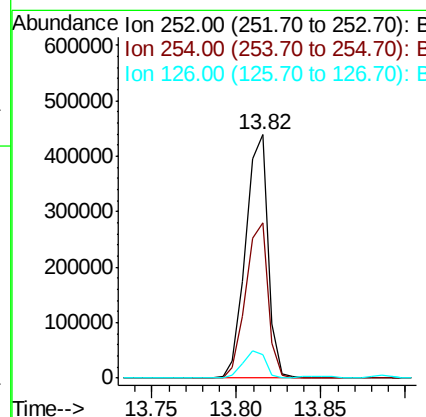
RT: 13.82 min Scan# 1994

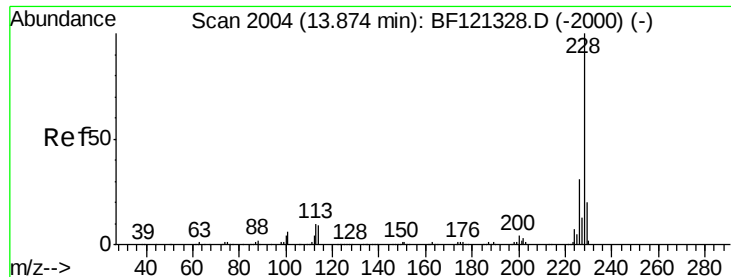
Delta R.T. 0.02 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Tgt Ion:	252	Resp:	408193
Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.5	77.3
126	9.7	9.8	14.8#





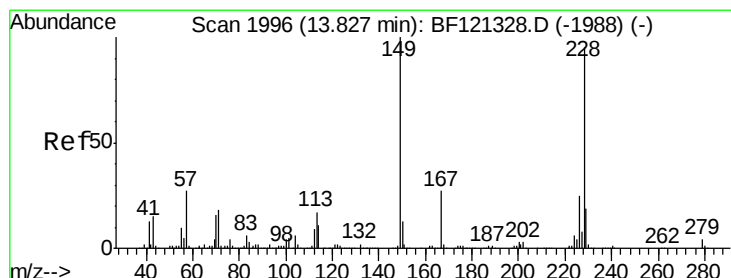
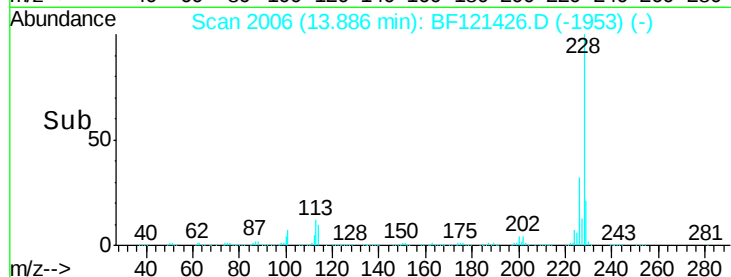
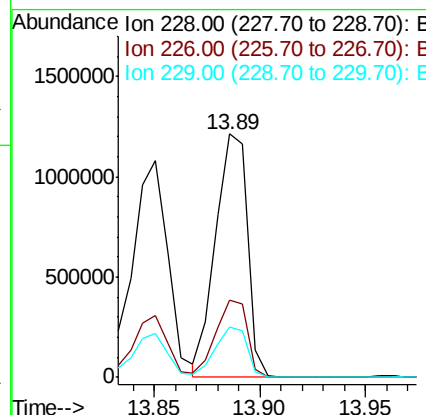
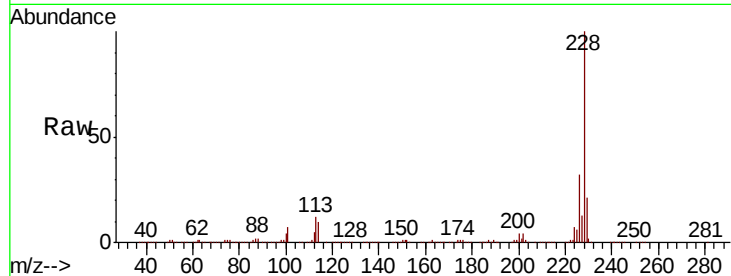
#83
 Chrvsene
 Concen: 36.599 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.6	36.8
229	20.5	15.9	23.9

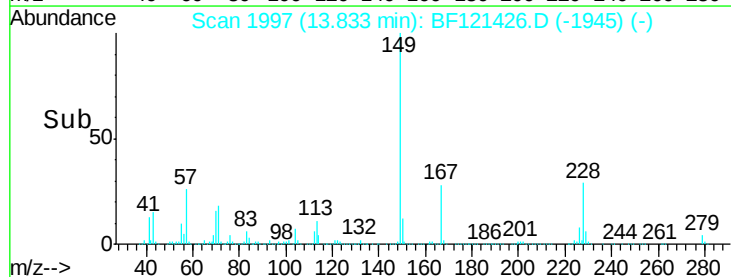
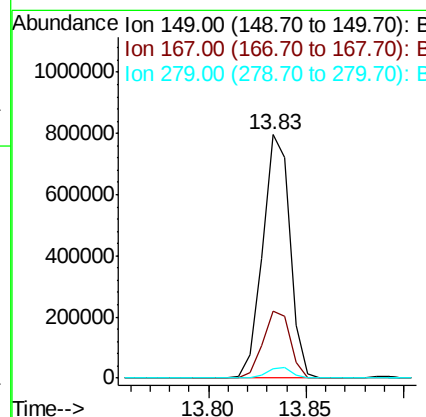
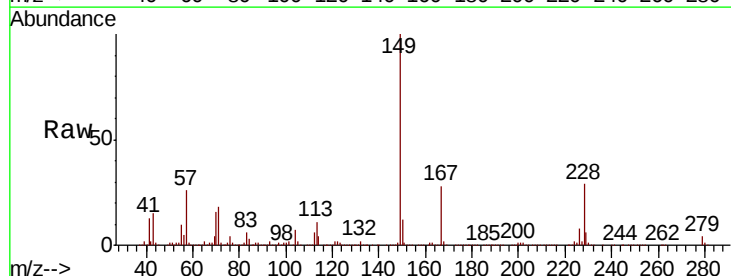
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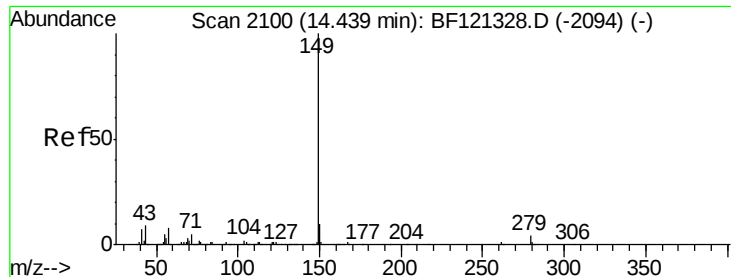
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.983 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.01 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.5	32.3
279	3.8	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 39.237 ng

RT: 14.45 min Scan# 2102

Delta R.T. 0.01 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

Instrument :

BNA_F

ClientSampleId :

RO-04MS

Tot Ion:149 Resp: 1512648

Ion Ratio Lower Upper

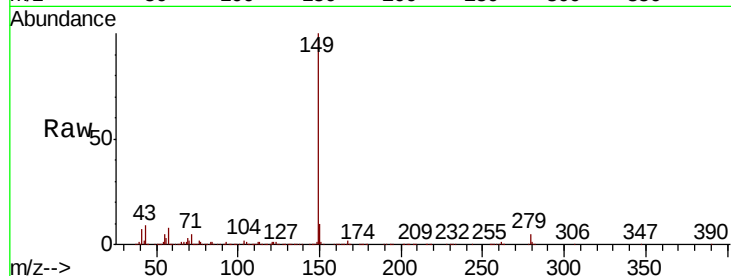
149 100

167 1.6 1.2 1.8

43 9.2 7.1 10.7

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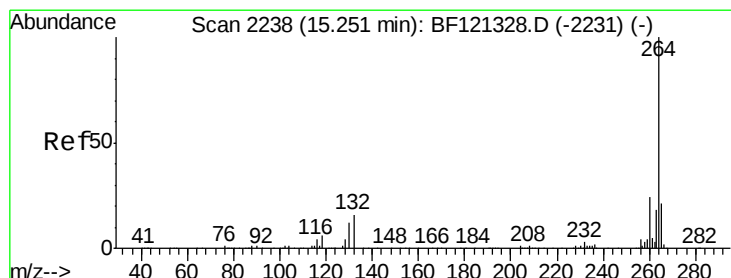
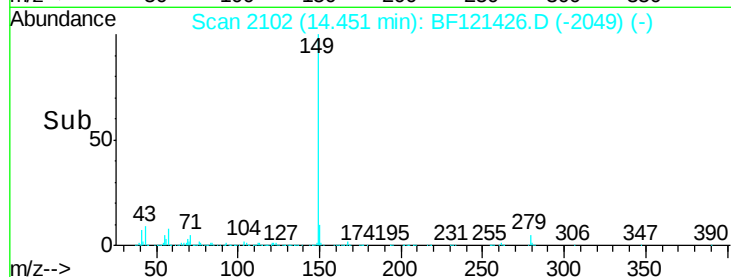
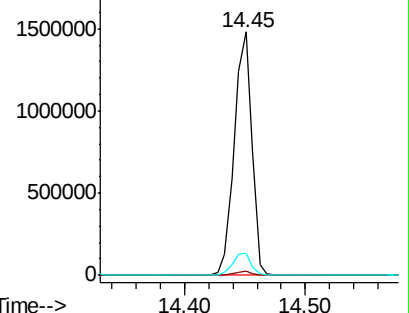
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

2000000 Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2242

Delta R.T. 0.02 min

Lab File: BF121426.D

Acq: 25 Aug 2020 14:23

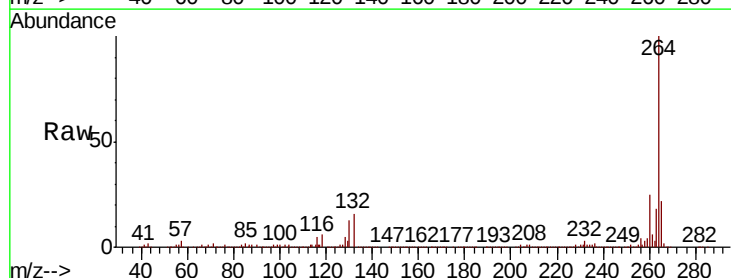
Tgt Ion:264 Resp: 655323

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

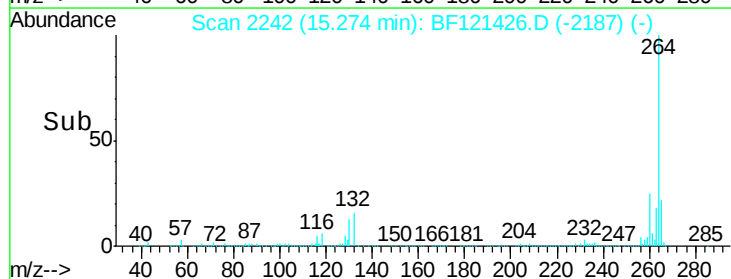
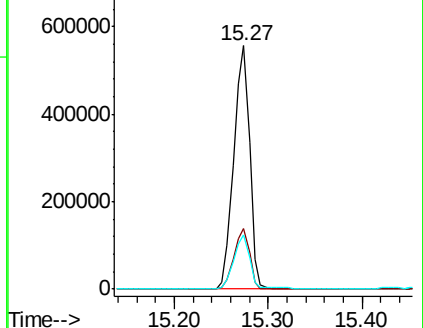
265 22.2 17.1 25.7

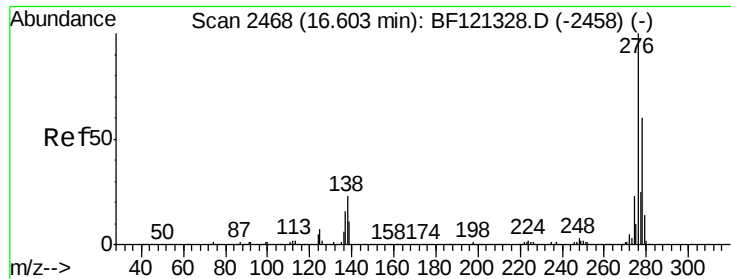


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





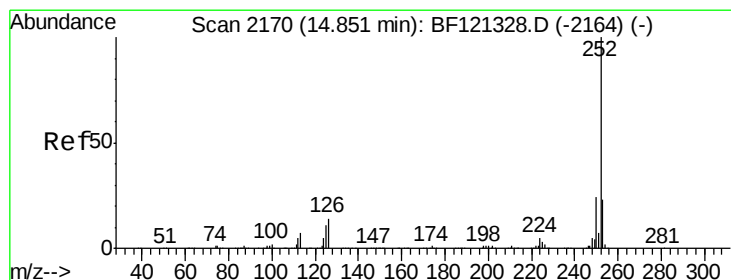
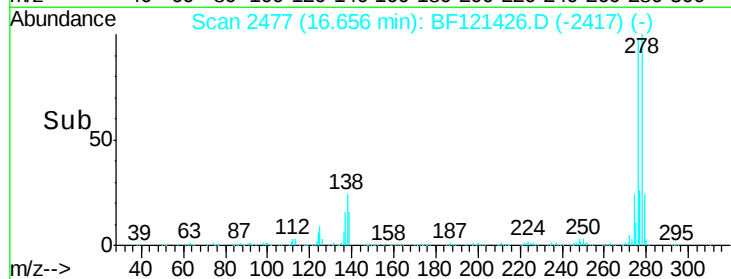
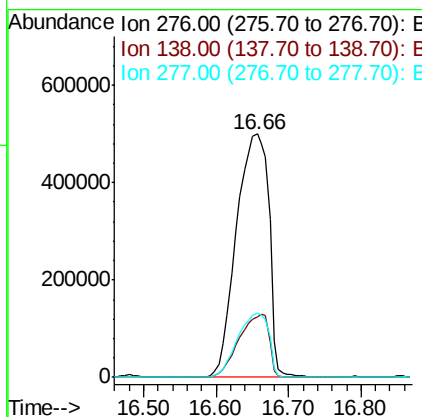
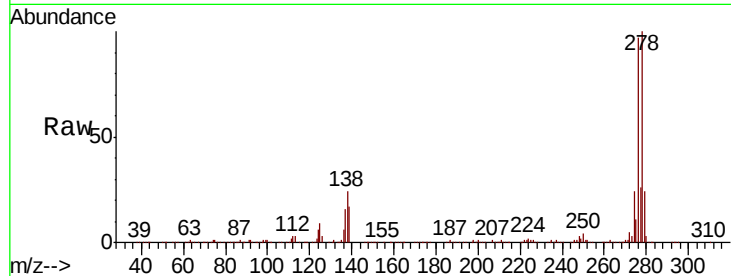
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.666 ng
 RT: 16.66 min Scan# 2477
 Delta R.T. 0.05 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	19.4	29.0
277	25.4	19.9	29.9

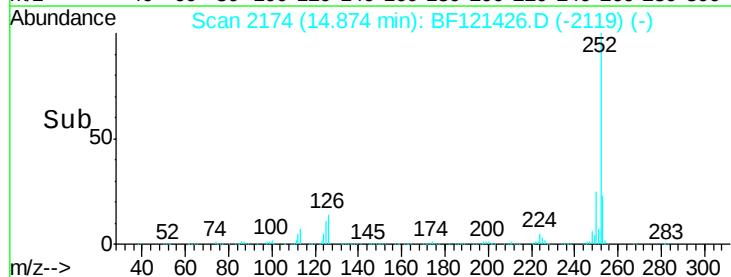
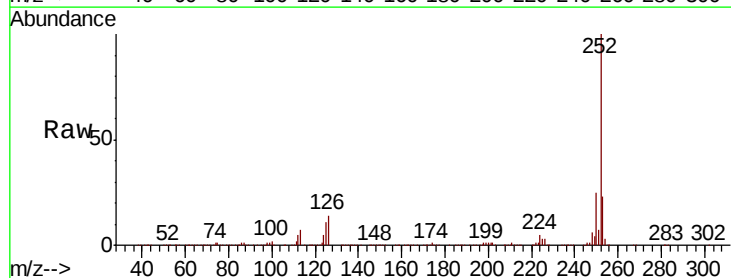
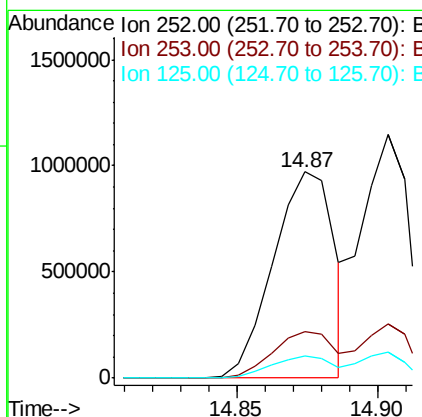
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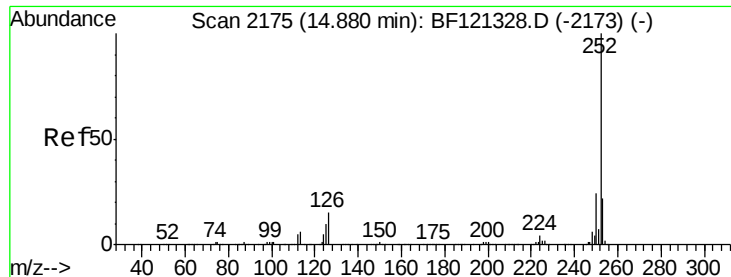
mohammad
 8/26/2020 4:00:31 PM



#88
 Benzo(b)fluoranthene
 Concen: 34.206 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. 0.02 min
 Lab File: BF121426.D
 Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	11.0	8.6	12.8





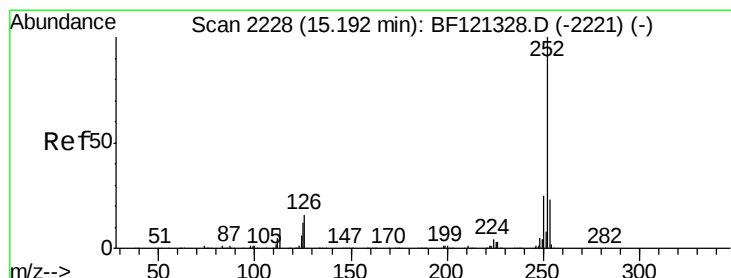
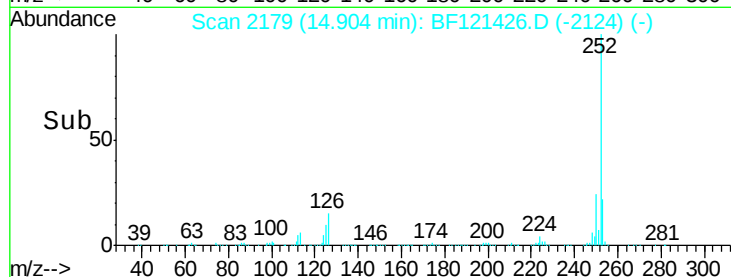
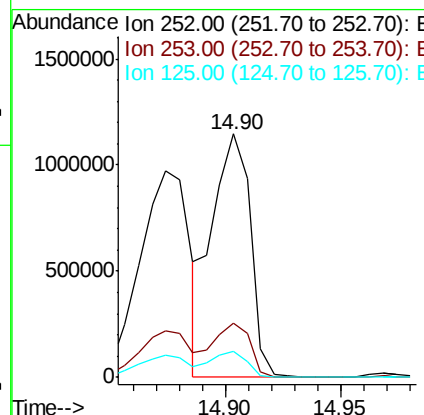
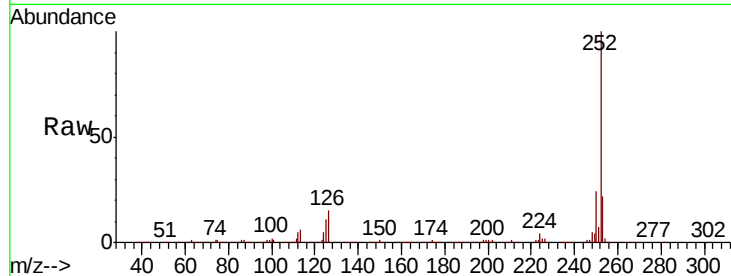
#89
Benzo(k)fluoranthene
Concen: 35.106 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.02 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampleId :
RO-04MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	10.5	8.6	12.8

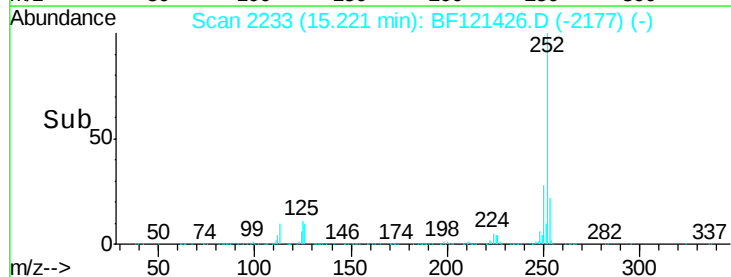
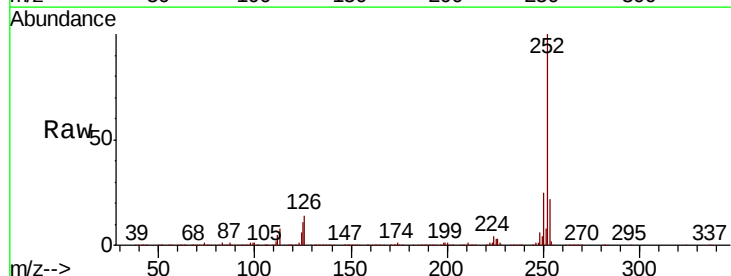
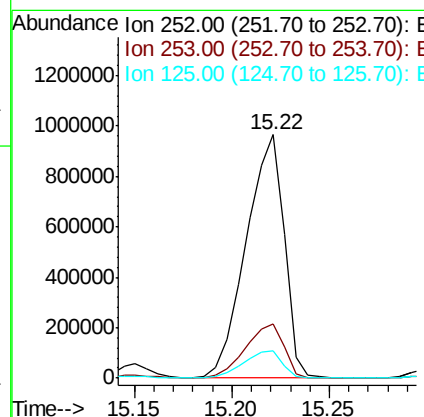
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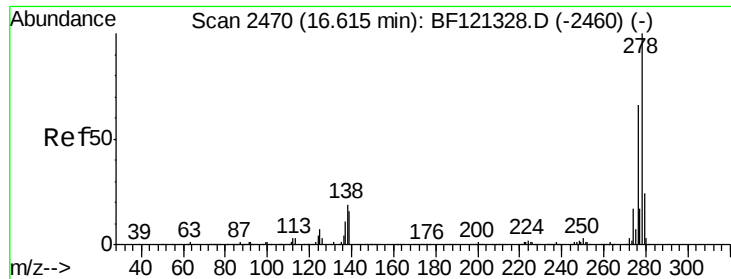
mohammad
8/26/2020 4:00:31 PM



#90
Benzo(a)pyrene
Concen: 35.591 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.03 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	11.4	9.4	14.0





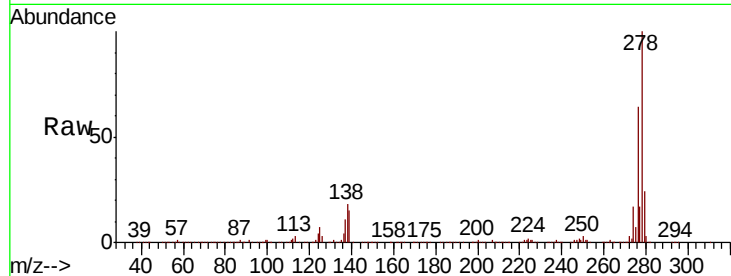
#91
Dibenzo(a,h)anthracene
Concen: 37.213 ng
RT: 16.67 min Scan# 2479
Delta R.T. 0.05 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Instrument :
BNA_F
ClientSampleId :
RO-04MS

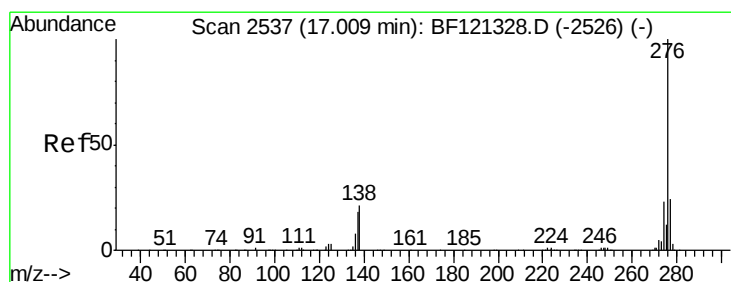
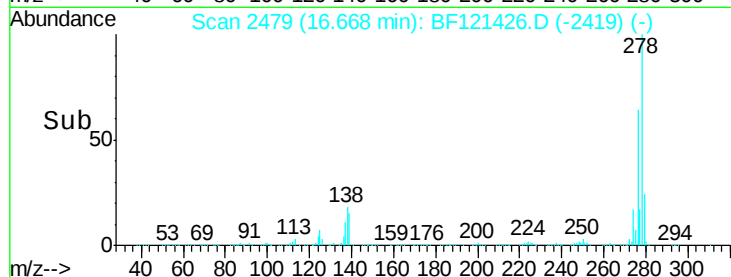
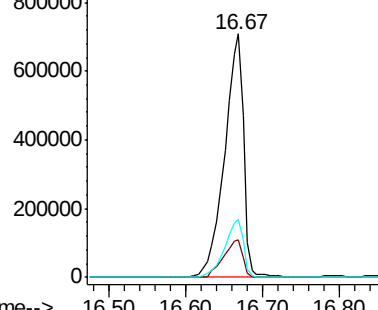
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	13.1	19.7
279	23.9	19.4	29.2

Manual Integrations
APPROVED

mohammad
8/26/2020 4:00:31 PM

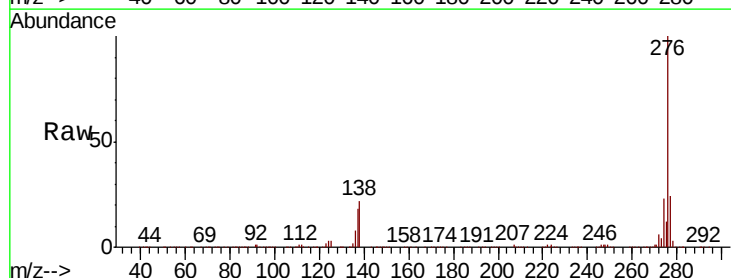


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.409 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.06 min
Lab File: BF121426.D
Acq: 25 Aug 2020 14:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.3	28.9
138	22.0	16.8	25.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

