

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
 Data File : BF121427.D
 Acq On : 25 Aug 2020 14:55
 Operator : JU/CG
 Sample : L3784-16MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MSD

Manual Integrations
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mohammad
 8/26/2020 4:00:39 PM

Quant Time: Aug 25 16:27:50 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	6.69	152	152360	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	615640	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	327919	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	638561	20.00	ng	0.00
76) Chrysene-d12	13.86	240	525898	20.00	ng	0.02
86) Perylene-d12	15.27	264	609377	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	724075	77.93	ng	0.02
7) Phenol-d6	6.35	99	860752	72.57	ng	0.01
23) Nitrobenzene-d5	7.26	82	585796	53.81	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	273245	71.51	ng	0.01
45) 2-Fluorobiphenyl	9.06	172	1040856	56.62	ng	0.00
79) Terphenyl-d14	12.80	244	1112295	41.33	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.38	88	147128	34.992	ng	99
3) Pyridine	3.08	79	360476	31.943	ng	98
4) n-Nitrosodimethylamine	3.03	42	174476	37.986	ng	99
6) Aniline	6.36	93	348628	25.454	ng	# 67
8) 2-Chlorophenol	6.49	128	384749	39.618	ng	99
9) Benzaldehyde	6.25	77	224352	33.621	ng	97
10) Phenol	6.36	94	448817	36.086	ng	94
11) bis(2-Chloroethyl)ether	6.43	93	358837	37.461	ng	99
12) 1,3-Dichlorobenzene	6.63	146	388989	35.751	ng	99
13) 1,4-Dichlorobenzene	6.72	146	391978	35.687	ng	98
14) 1,2-Dichlorobenzene	6.86	146	370069	35.379	ng	99
15) Benzyl Alcohol	6.85	79	307662	43.108	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	478392	33.919	ng	80
17) 2-Methylphenol	6.97	107	299373	37.360	ng	# 92
18) Hexachloroethane	7.20	117	143927	35.191	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	240783	37.744	ng	98
20) 3+4-Methylphenols	7.13	107	388007	49.739	ng	# 77
22) Acetophenone	7.11	105	498723	34.650	ng	94
24) Nitrobenzene	7.29	77	388566	35.023	ng	96
25) Isophorone	7.53	82	702357	35.455	ng	98
26) 2-Nitrophenol	7.60	139	213288	37.485	ng	94
27) 2,4-Dimethylphenol	7.65	122	335992	41.383	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	451728	33.498	ng	100
29) 2,4-Dichlorophenol	7.85	162	318676	35.950	ng	97
30) 1,2,4-Trichlorobenzene	7.92	180	336116	33.158	ng	99
31) Naphthalene	8.00	128	1048246	34.212	ng	99
32) Benzoic acid	7.80	122	196541	33.470	ng	100
33) 4-Chloroaniline	8.06	127	225740	16.638	ng	99
34) Hexachlorobutadiene	8.12	225	190920	31.825	ng	100
35) Caprolactam	8.43	113	106576m	36.710	ng	
36) 4-Chloro-3-methylphenol	8.56	107	327714	36.553	ng	98
37) 2-Methylnaphthalene	8.69	142	708649	35.683	ng	99
38) 1-Methylnaphthalene	8.79	142	659222	34.911	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	332036	34.116	ng	99

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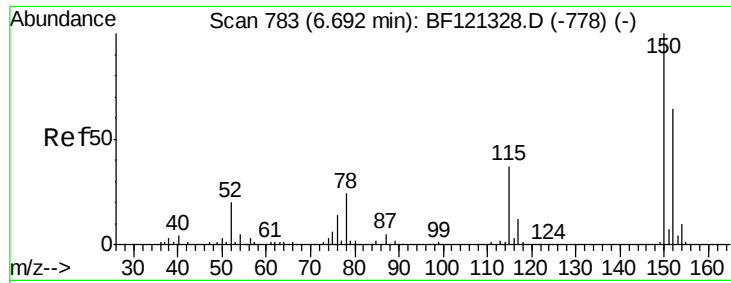
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	229188	61.046	nq	100
43) 2,4,6-Trichlorophenol	8.98	196	225581	33.903	nq	98
44) 2,4,5-Trichlorophenol	9.03	196	242577	35.436	nq	96
46) 1,1'-Biphenyl	9.16	154	854243	34.757	nq	99
47) 2-Chloronaphthalene	9.18	162	658858	32.538	nq	99
48) 2-Nitroaniline	9.29	65	214408	33.630	nq	91
49) Acenaphthylene	9.59	152	1050663	34.934	nq	100
50) Dimethylphthalate	9.46	163	911897	38.224	nq	99
51) 2,6-Dinitrotoluene	9.53	165	176825	34.705	nq	95
52) Acenaphthene	9.76	154	611087	33.440	nq	96
53) 3-Nitroaniline	9.69	138	123309	19.347	nq	91
54) 2,4-Dinitrophenol	9.82	184	183798	74.827	nq	92
55) Dibenzofuran	9.94	168	885677	37.013	nq	99
56) 4-Nitrophenol	9.89	139	249575	63.492	nq	93
57) 2,4-Dinitrotoluene	9.93	165	213110	34.286	nq	# 86
58) Fluorene	10.28	166	694746	39.778	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	202523	34.609	nq	100
60) Diethylphthalate	10.16	149	781642	33.552	nq	99
61) 4-Chlorophenyl-phenylether	10.27	204	337693	38.132	nq	99
62) 4-Nitroaniline	10.32	138	199230	30.507	nq	96
63) Azobenzene	10.43	77	741300	34.259	nq	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	134460	39.374	nq	97
66) n-Nitrosodiphenylamine	10.39	169	659265	33.471	nq	99
67) 4-Bromophenyl-phenylether	10.76	248	231733	32.715	nq	96
68) Hexachlorobenzene	10.83	284	262473	32.147	nq	99
69) Atrazine	10.93	200	191172	31.331	nq	99
70) Pentachlorophenol	11.03	266	268323	73.862	nq	100
71) Phenanthrene	11.24	178	1137210	34.410	nq	99
72) Anthracene	11.29	178	1120717	35.215	nq	99
73) Carbazole	11.45	167	1069650	35.217	nq	99
74) Di-n-butylphthalate	11.78	149	1242778	33.932	nq	100
75) Fluoranthene	12.43	202	1337639	37.290	nq	97
77) Benzidine	12.56	184	653036	45.072	nq	100
78) Pyrene	12.66	202	1345953	34.071	nq	99
80) Butylbenzylphthalate	13.27	149	557132	32.822	nq	100
81) Benzo(a)anthracene	13.85	228	1140883	34.928	nq	99
82) 3,3'-Dichlorobenzidine	13.81	252	349290	27.851	nq	99
83) Chrysene	13.89	228	1117382	33.447	nq	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	697519	34.942	nq	99
85) Di-n-octyl phthalate	14.44	149	1310425	35.472	nq	100
87) Indeno(1,2,3-cd)pyrene	16.65	276	1296476	34.854	nq	100
88) Benzo(b)fluoranthene	14.87	252	1285033	32.641	nq	99
89) Benzo(k)fluoranthene	14.90	252	1110642	32.049	nq	98
90) Benzo(a)pyrene	15.22	252	1127834	33.156	nq	99
91) Dibenzo(a,h)anthracene	16.66	278	1041881	34.161	nq	99
92) Benzo(g,h,i)perylene	17.06	276	1102010	36.960	nq	100

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



#1

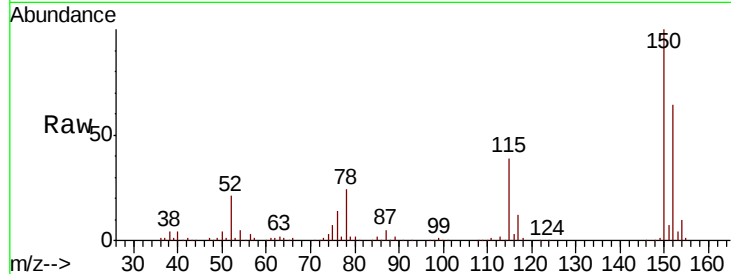
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Instrument :
BNA_F
ClientSampleId :
RO-04MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.8	187.2
115	61.4	46.1	69.1

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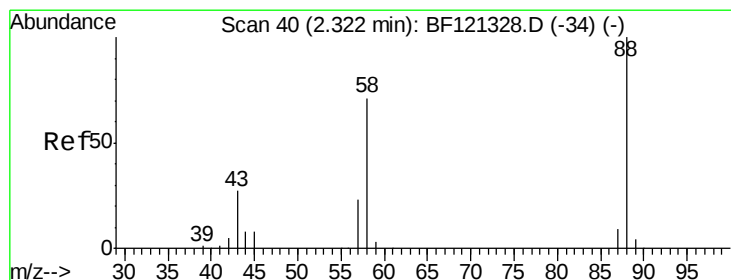
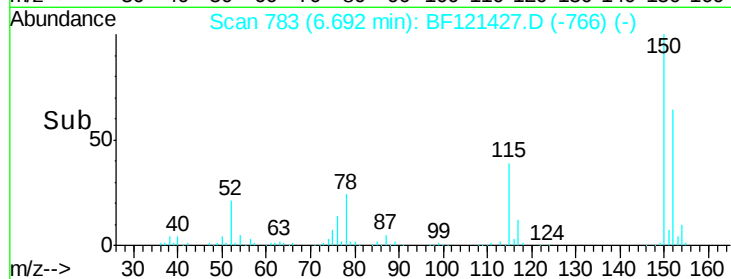
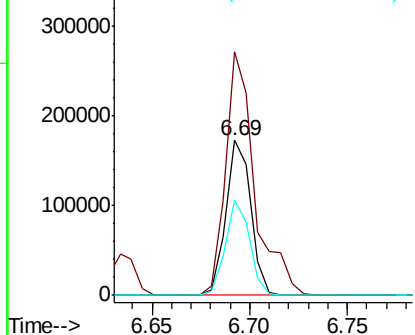


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

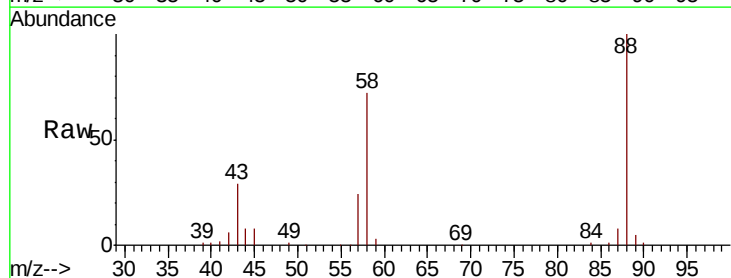
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.992 ng
RT: 2.38 min Scan# 50
Delta R.T. 0.06 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.5	58.5	87.7
43	27.4	21.8	32.8

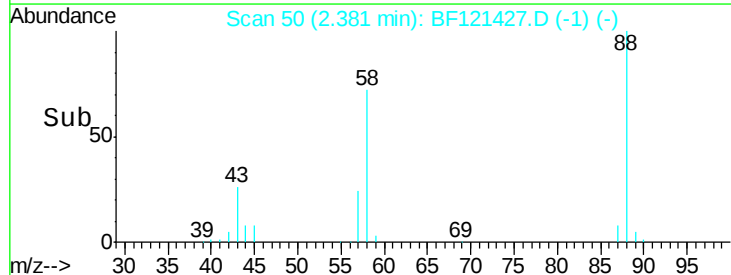
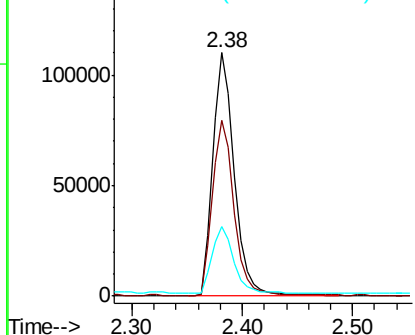


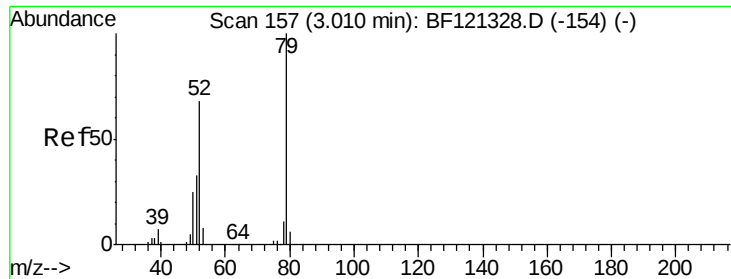
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





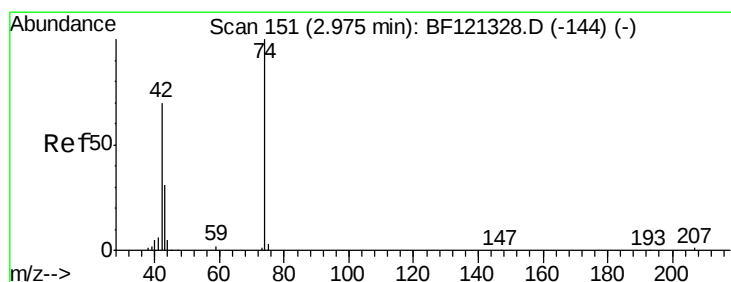
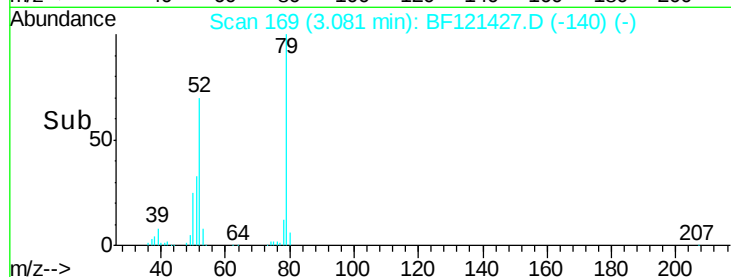
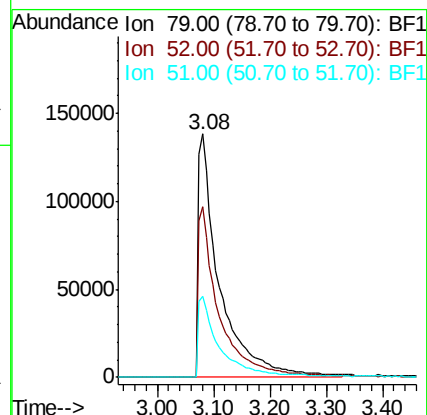
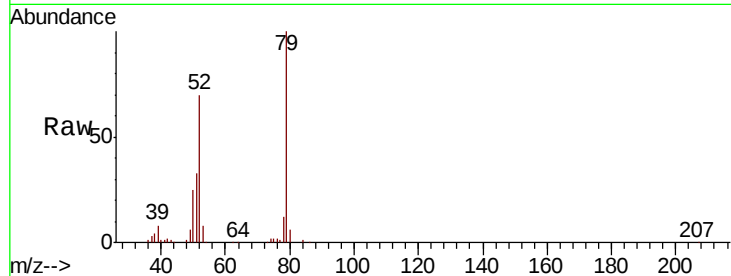
#3
 Pvridine
 Concen: 31.943 ng
 RT: 3.08 min Scan# 169
 Delta R.T. 0.07 min
 Lab File: BF121427.D
 Acq: 25 Aug 2020 14:55

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	70.0	54.6	82.0
51	33.4	27.0	40.6

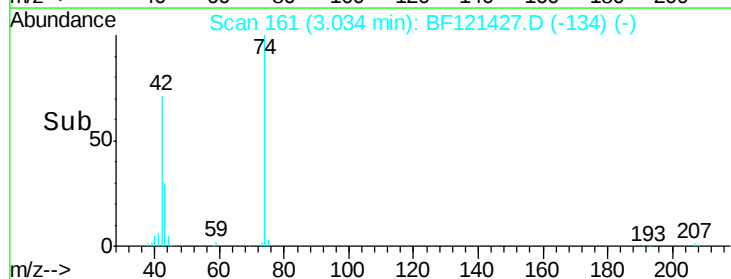
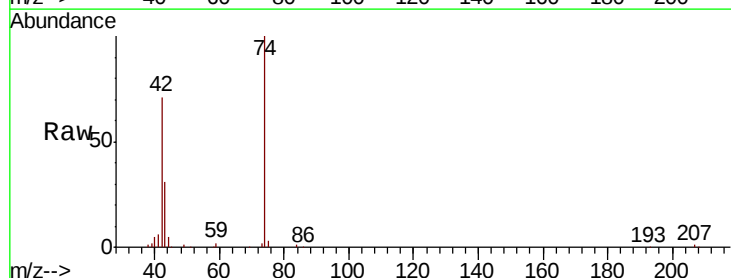
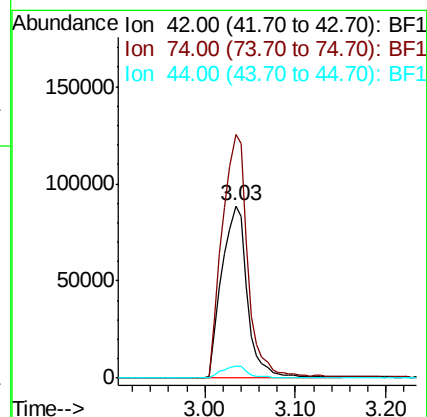
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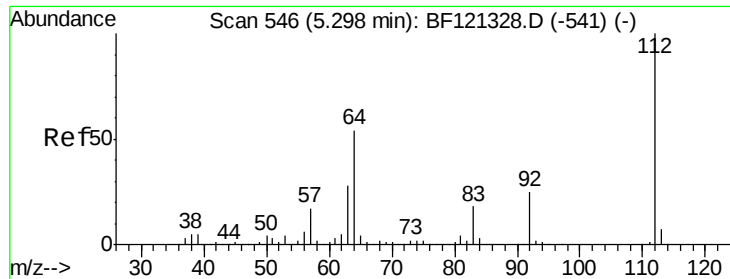
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#4
 n-Nitrosodimethylamine
 Concen: 37.986 ng
 RT: 3.03 min Scan# 161
 Delta R.T. 0.06 min
 Lab File: BF121427.D
 Acq: 25 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
42	100		
74	141.6	114.2	171.2
44	6.7	5.4	8.2





#5

2-Fluorophenol

Concen: 77.927 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.02 min

Lab File: BF121427.D

Acq: 25 Aug 2020 14:55

Instrument :

BNA_F

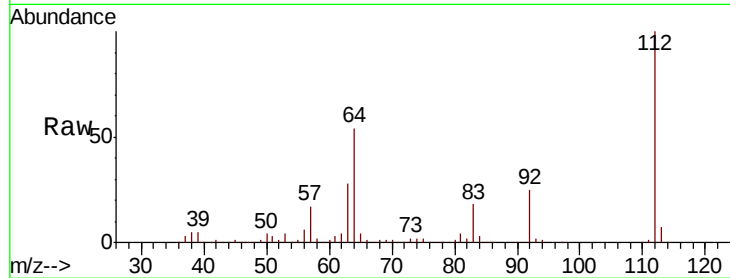
ClientSampleId :

RO-04MSD

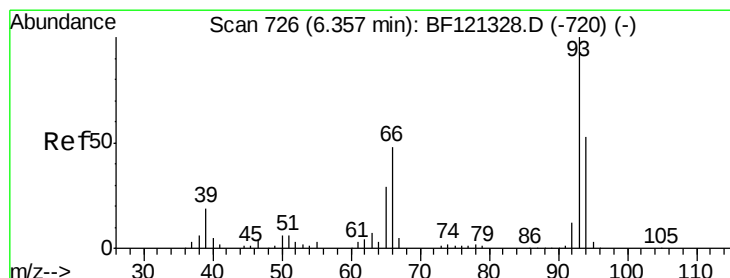
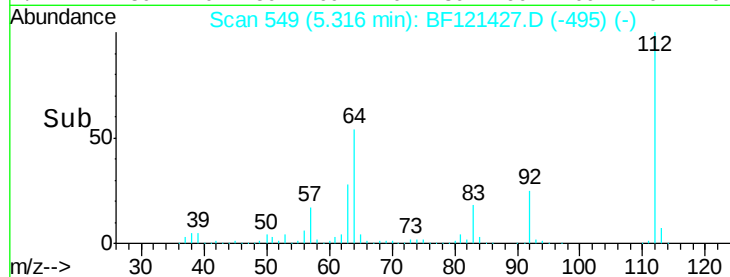
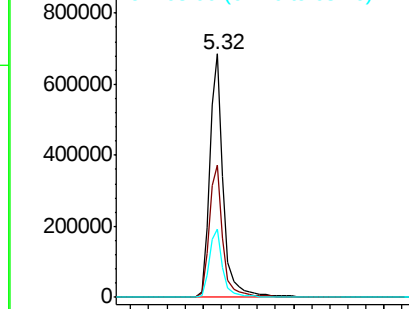
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		724075		
64	54.5	43.5	65.3		
63	28.0	22.0	33.0		

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.454 ng

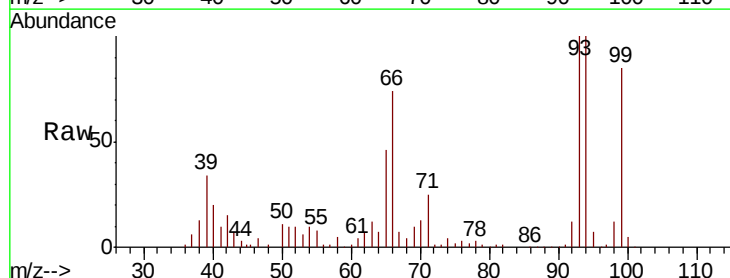
RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

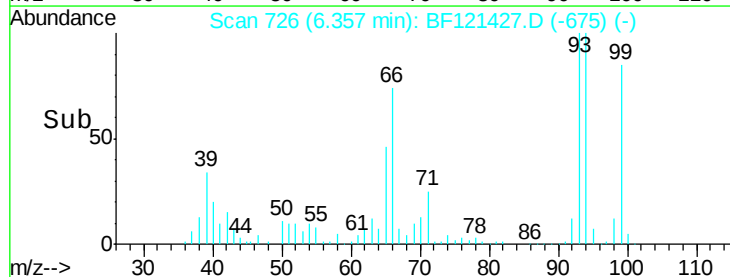
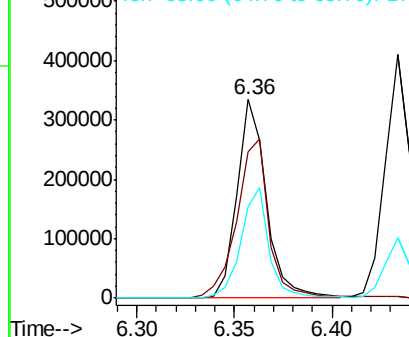
Lab File: BF121427.D

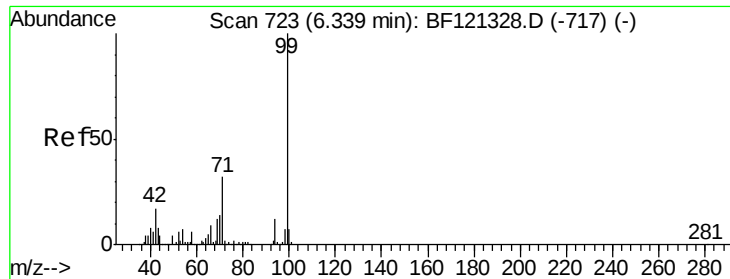
Acq: 25 Aug 2020 14:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		348628		
66	73.9	40.2	60.2#		
65	46.1	23.6	35.4#		



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.565 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF121427.D

Acq: 25 Aug 2020 14:55

Instrument :

BNA_F

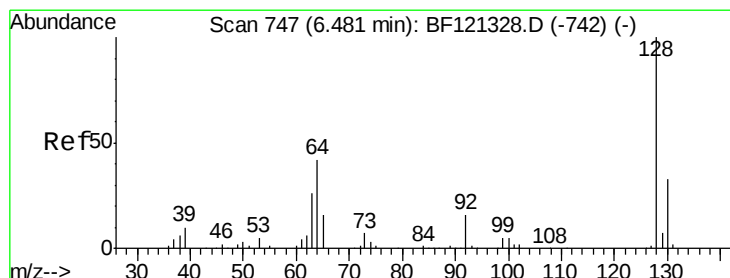
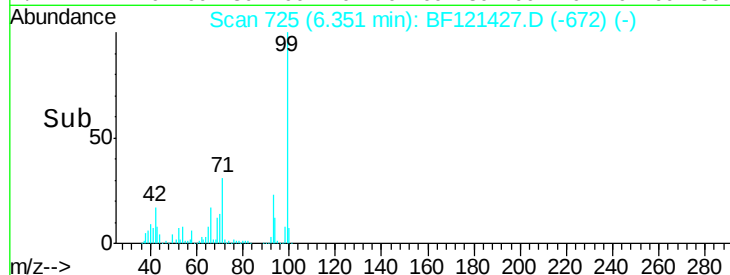
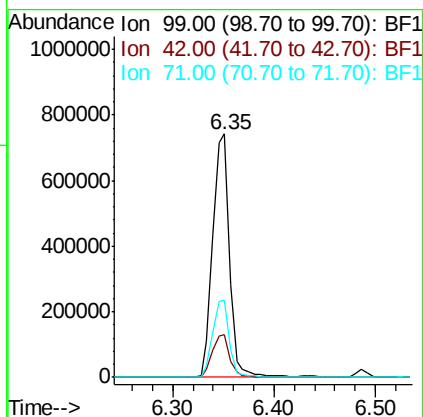
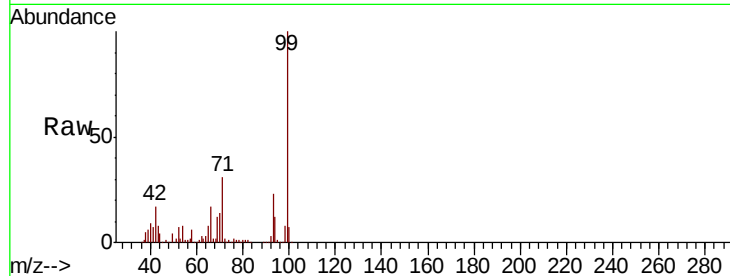
ClientSampled :

RO-04MSD

Tot Ion:	99	Resp:	860752
Ion Ratio	Lower	Upper	
99	100		
42	17.3	13.5	20.3
71	31.5	25.2	37.8

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#8

2-Chlorophenol

Concen: 39.618 ng

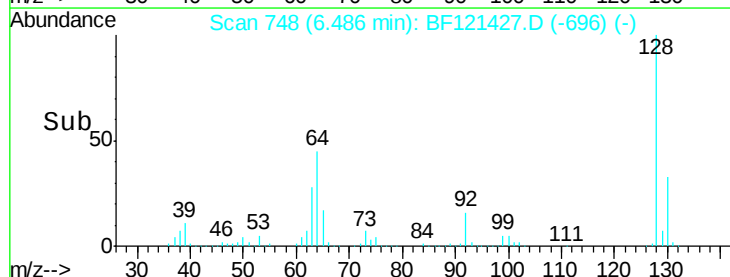
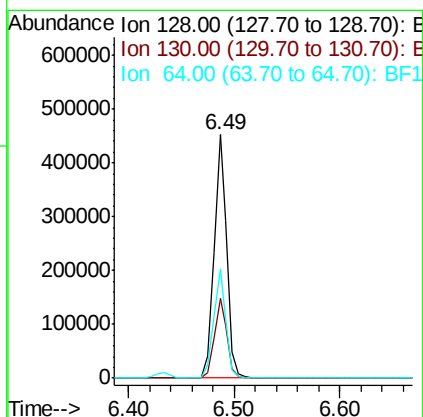
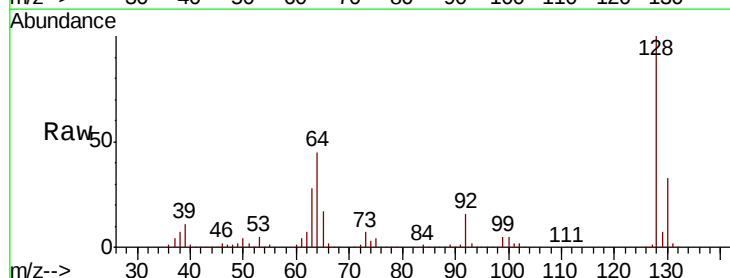
RT: 6.49 min Scan# 748

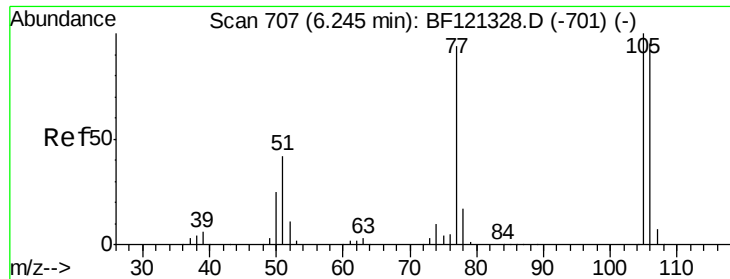
Delta R.T. 0.01 min

Lab File: BF121427.D

Acq: 25 Aug 2020 14:55

Tgt Ion:	128	Resp:	384749
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.8	52.8
64	44.7	23.4	63.4





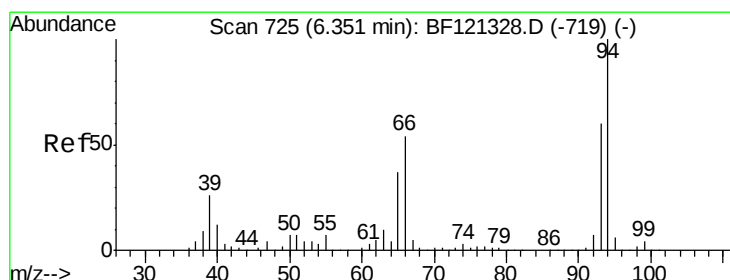
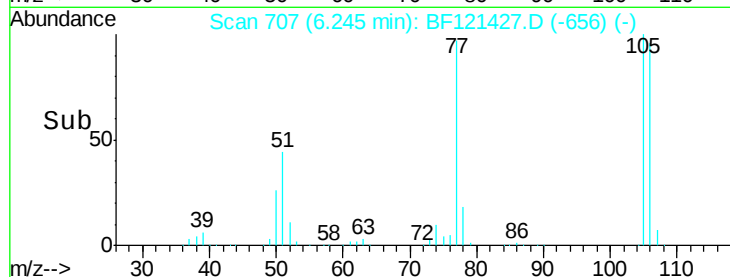
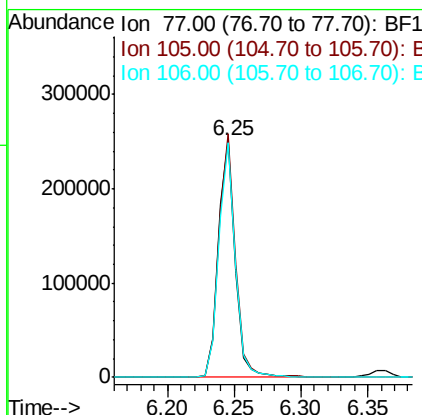
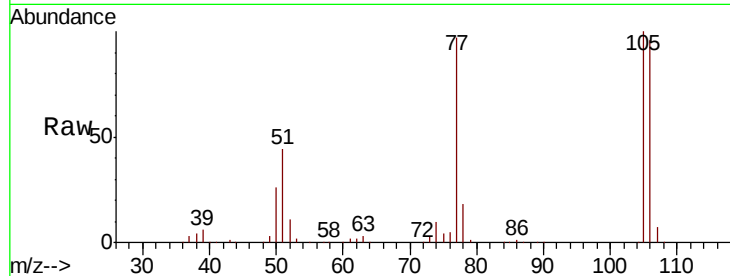
#9
Benzaldehyde
Concen: 33.621 ng
RT: 6.25 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Instrument :
BNA_F
ClientSampleId :
RO-04MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.9	86.3	126.3
106	99.2	81.2	121.2

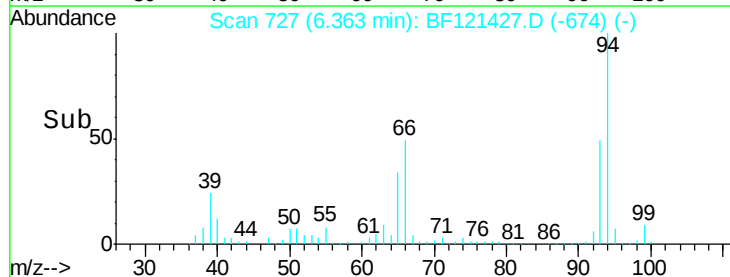
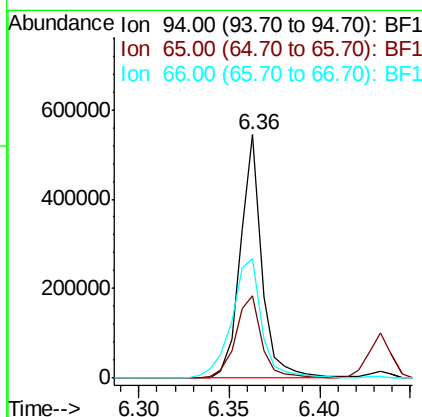
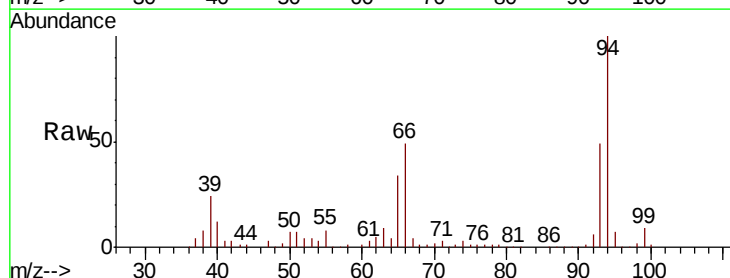
Manual Integrations
APPROVED

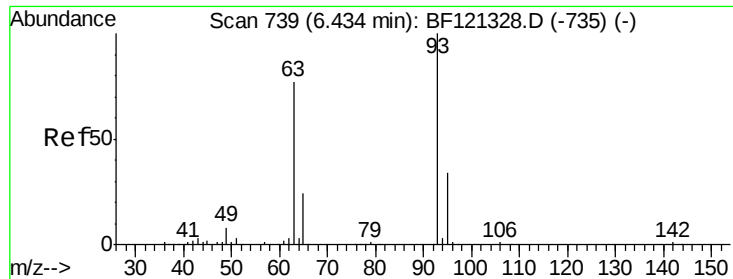
mohammad
8/26/2020 4:00:39 PM



#10
Phenol
Concen: 36.086 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.1	16.6	56.6
66	49.1	34.3	74.3





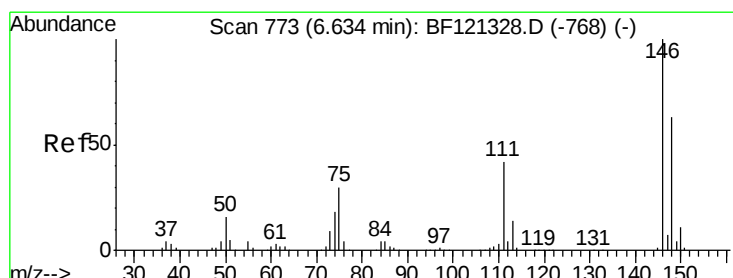
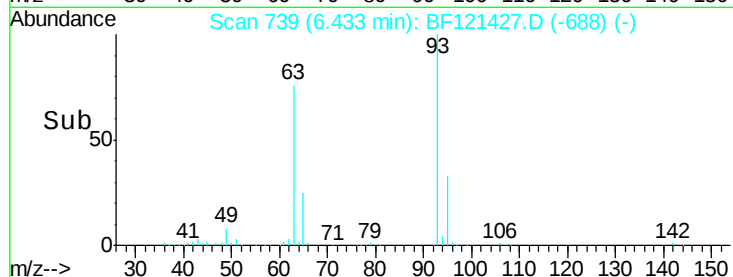
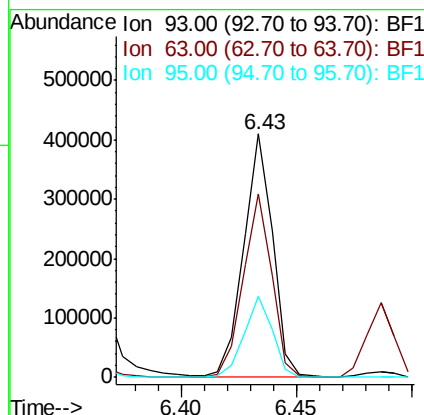
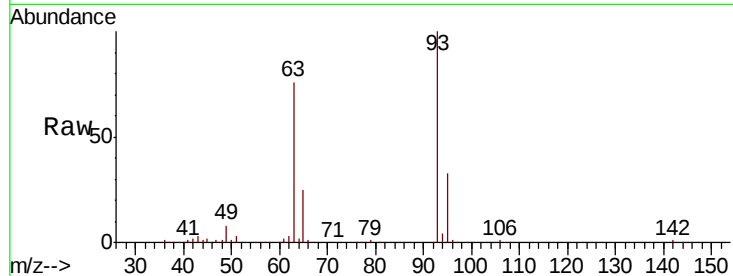
#11
bis(2-Chloroethyl)ether
Concen: 37.461 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Instrument :
BNA_F
ClientSampleId :
RO-04MSD

Tot Ion:	93	Resp:	358837
Ion Ratio	Lower	Upper	
93	100		
63	75.6	56.4	96.4
95	33.1	13.5	53.5

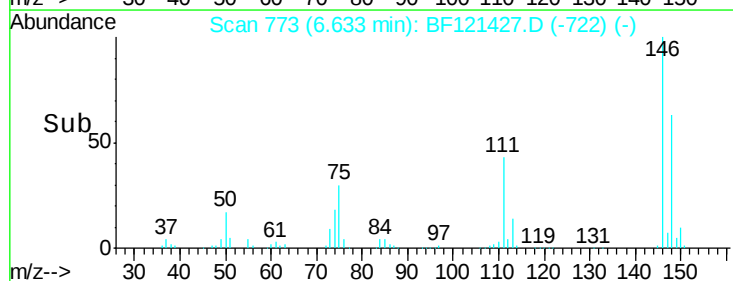
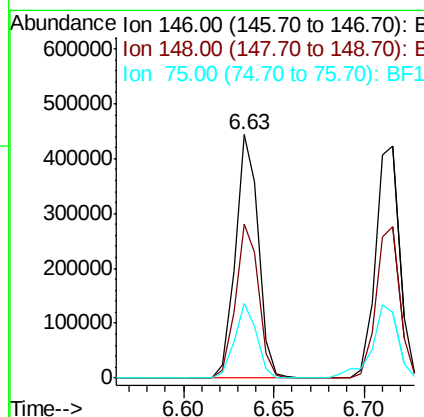
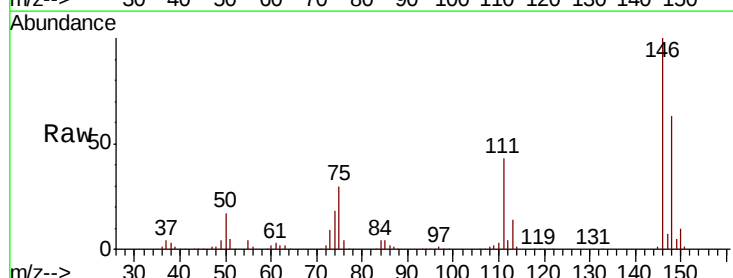
Manual Integrations
APPROVED

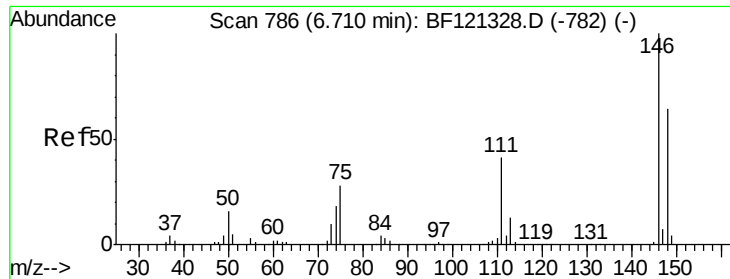
mohammad
8/26/2020 4:00:39 PM



#12
1,3-Dichlorobenzene
Concen: 35.751 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Tgt Ion:	146	Resp:	388989
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.7	76.1
75	30.4	23.8	35.6





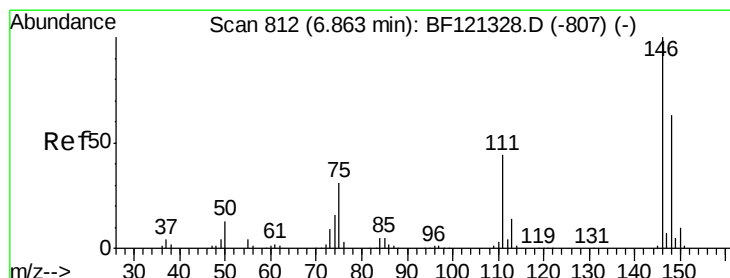
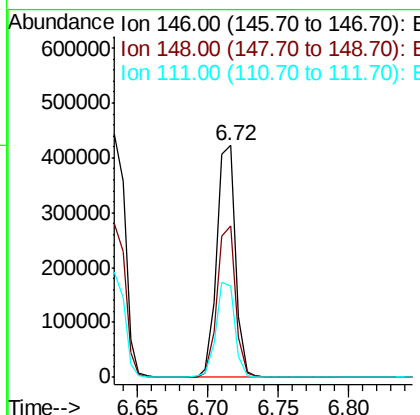
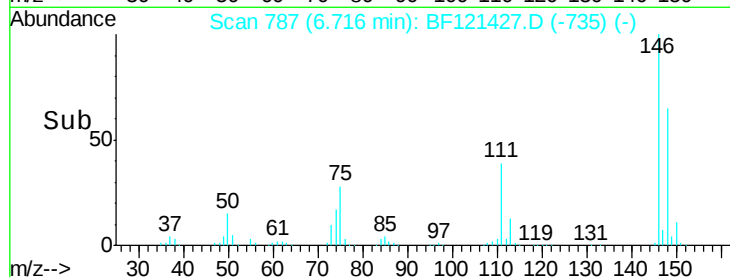
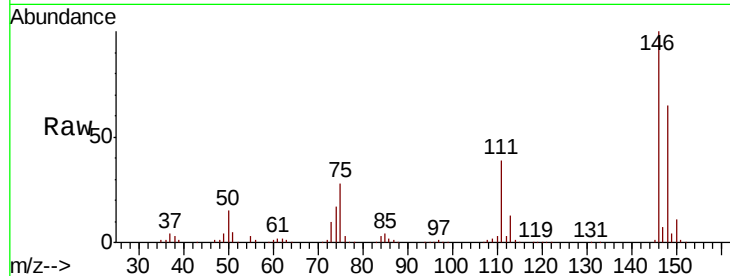
#13
 1,4-Dichlorobenzene
 Concen: 35.687 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.01 min
 Lab File: BF121427.D
 Acq: 25 Aug 2020 14:55

Instrument :
 BNA_F
 ClientSampled :
 RO-04MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.2	76.8
111	39.3	33.3	49.9

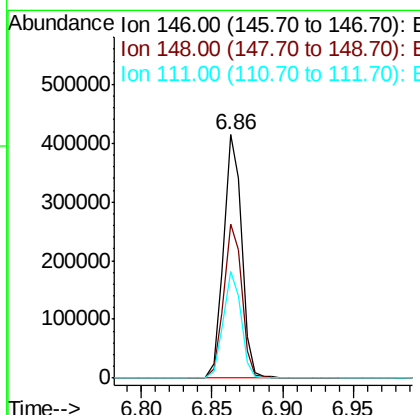
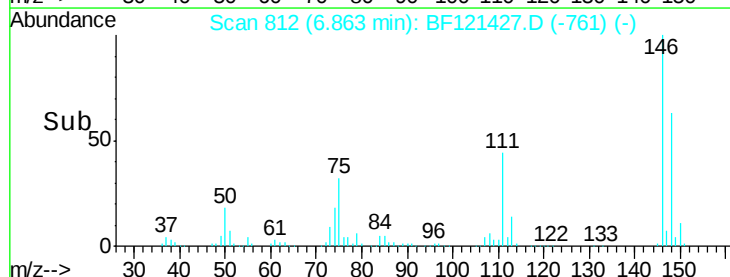
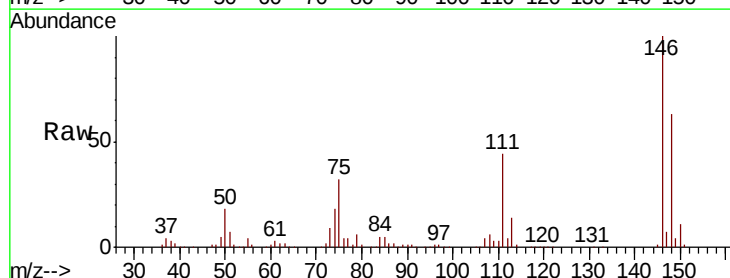
Manual Integrations
 APPROVED

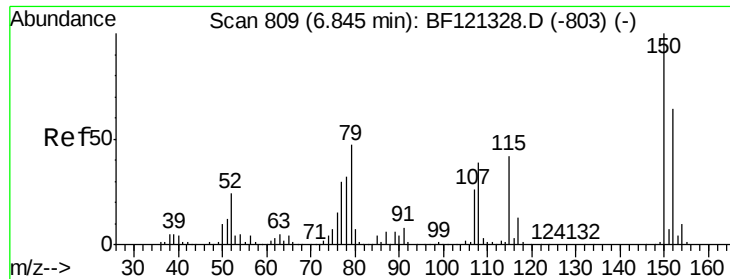
mohammad
 8/26/2020 4:00:39 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.379 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF121427.D
 Acq: 25 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.3	75.5
111	44.1	35.5	53.3





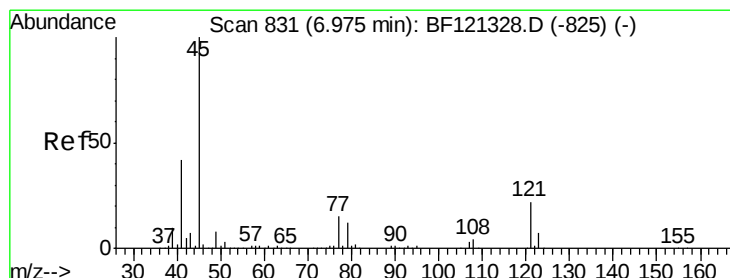
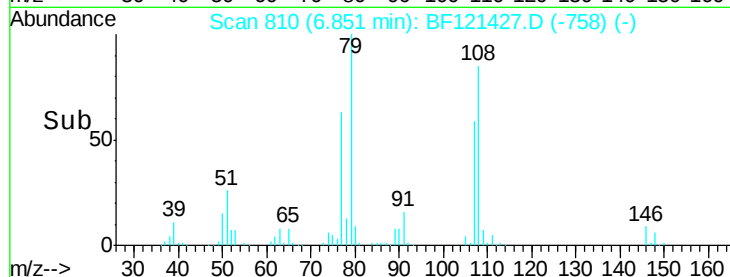
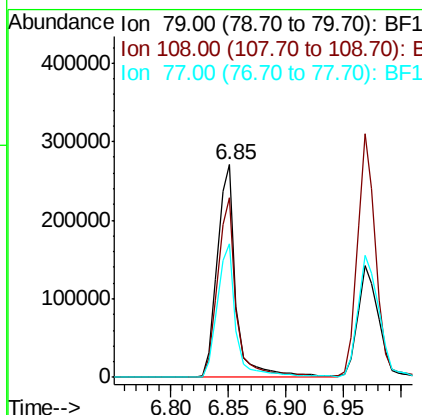
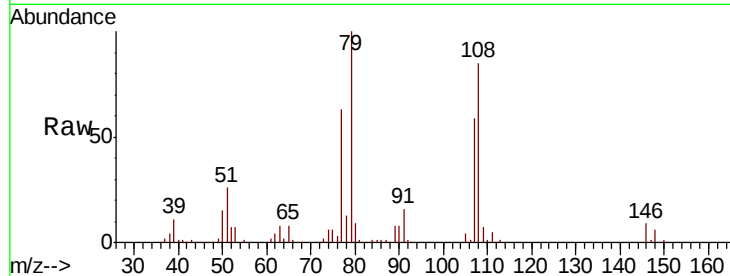
#15
Benzyl Alcohol
Concen: 43.108 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Instrument :
BNA_F
ClientSampleId :
RO-04MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.8	65.2	97.8
77	63.0	51.4	77.0

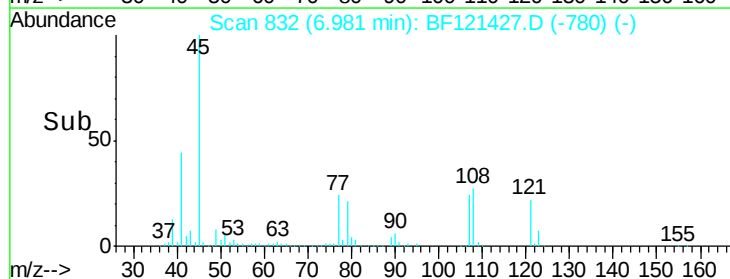
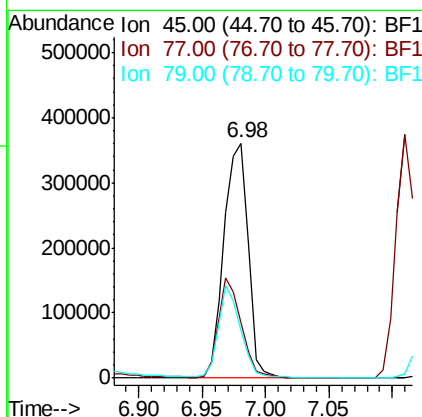
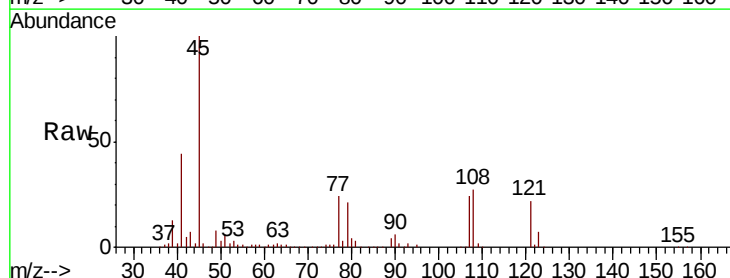
Manual Integrations
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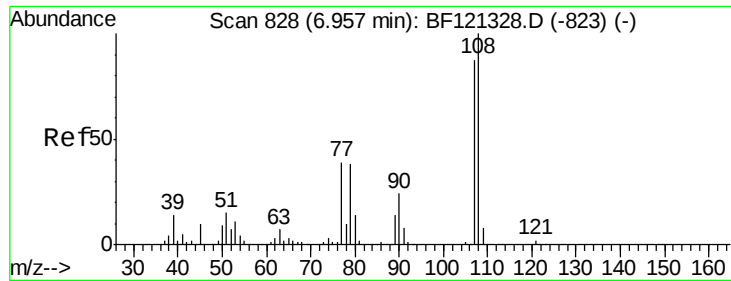
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.919 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.9	0.0	35.6
79	20.6	0.0	32.5





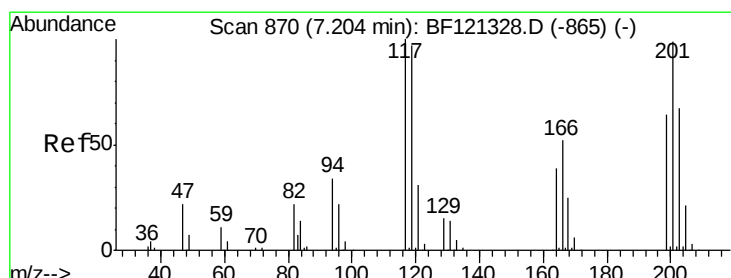
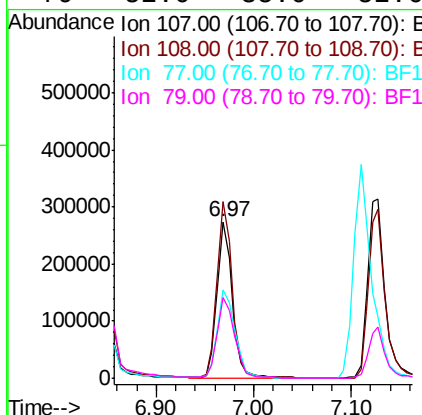
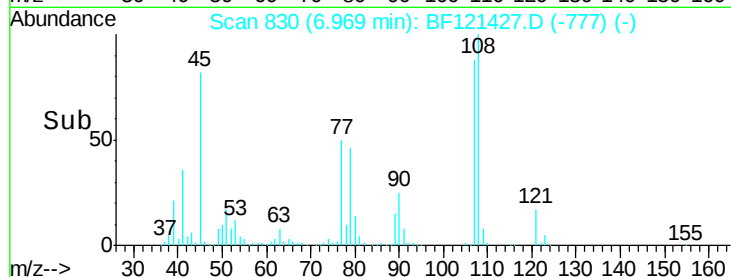
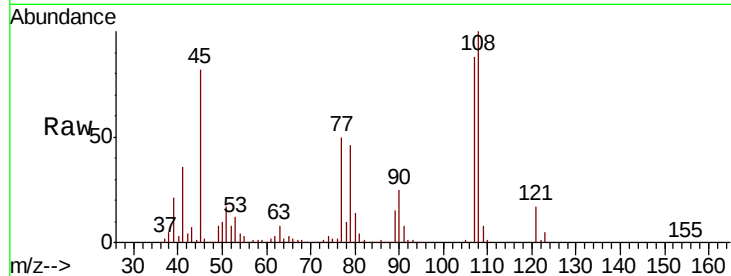
#17
2-Methylphenol
Concen: 37.360 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Instrument :
BNA_F
ClientSampleId :
RO-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	92.4	138.6	
77	56.6	36.1	54.1	
79	52.0	35.0	52.6	

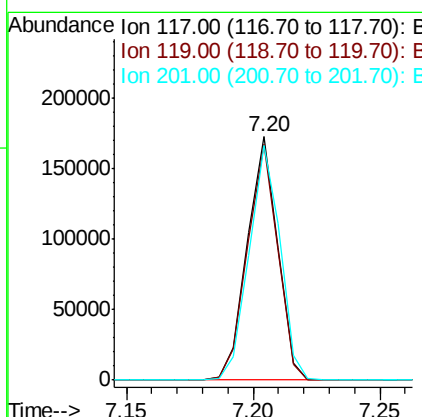
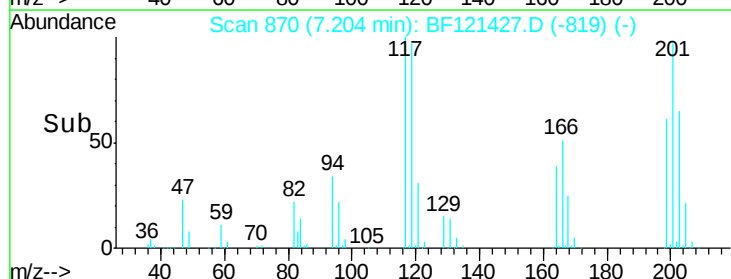
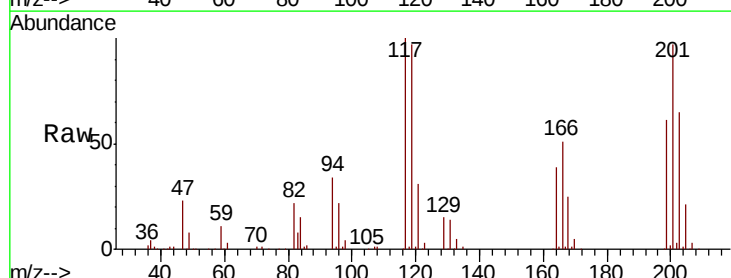
Manual Integrations
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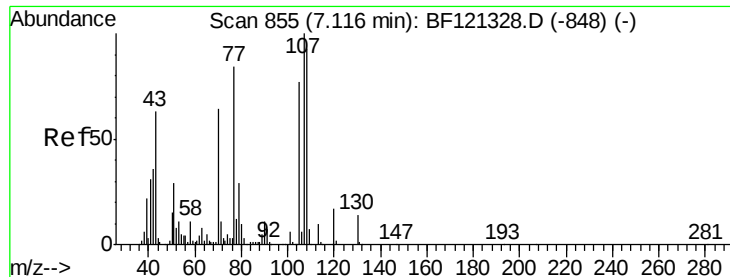
mohammad
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#18
Hexachloroethane
Concen: 35.191 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	77.9	116.9	
201	96.6	79.4	119.0	





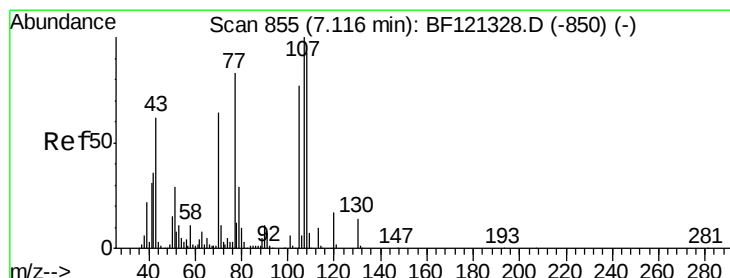
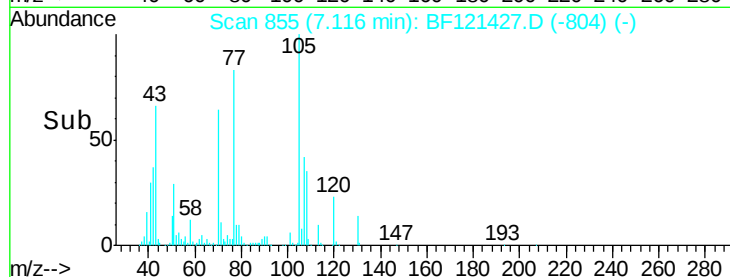
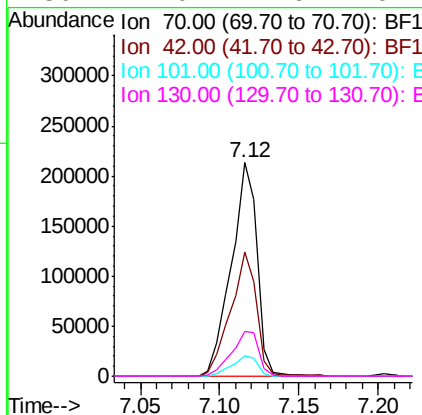
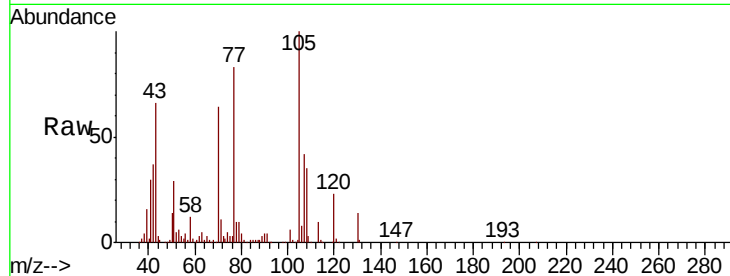
#19
n-Nitroso-di-n-propylamine
Concen: 37.744 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Instrument :
BNA_F
ClientSampleId :
RO-04MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.0	45.2	67.8
101	9.5	7.7	11.5
130	21.0	17.6	26.4

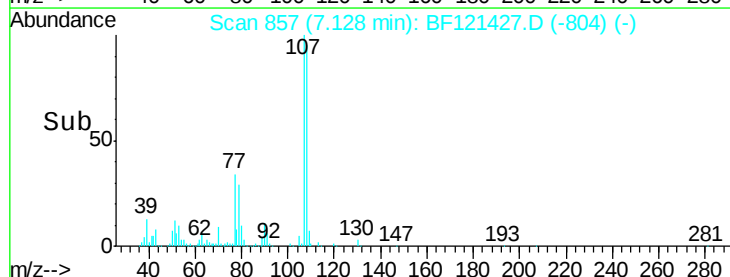
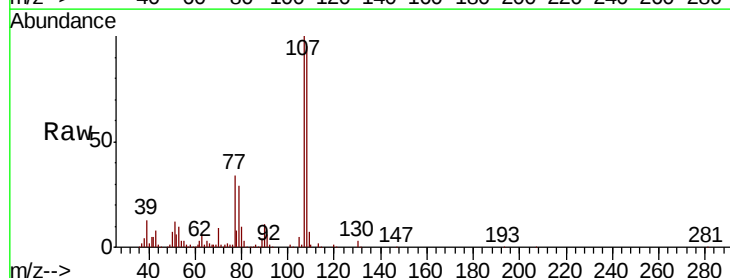
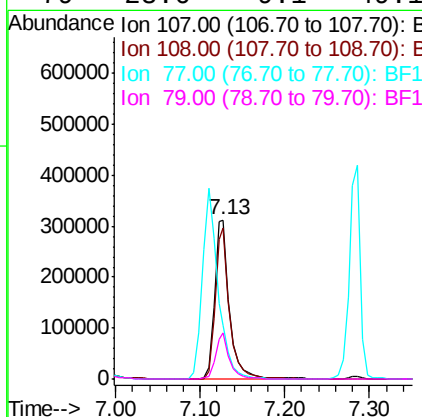
Manual Integrations
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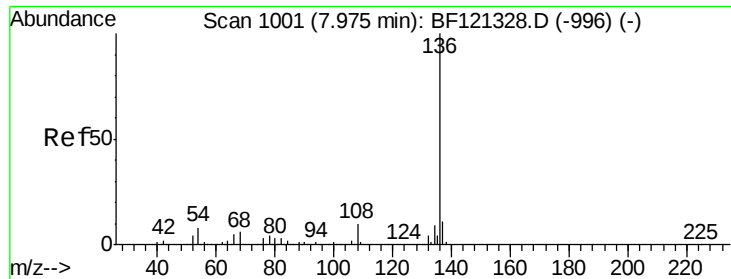
mohammad
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#20
3+4-Methylphenols
Concen: 49.739 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.6	72.6	112.6
77	34.1	63.8	103.8
79	28.6	9.1	49.1





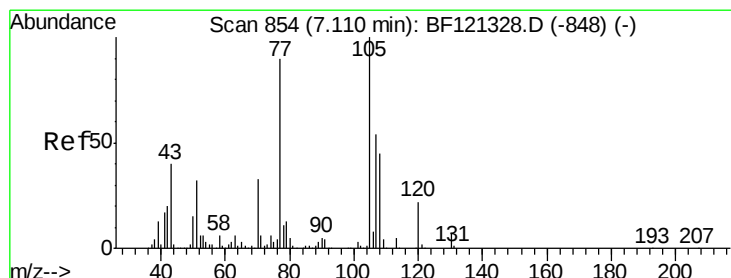
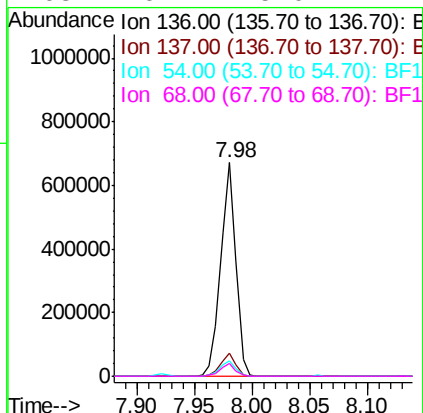
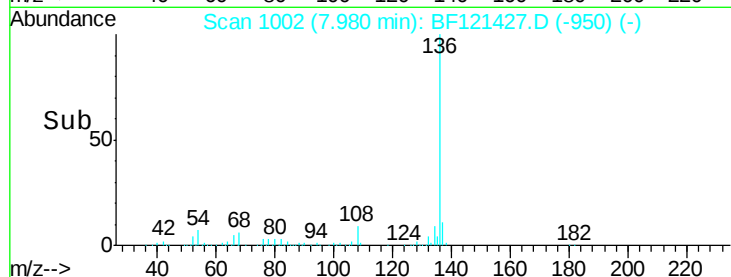
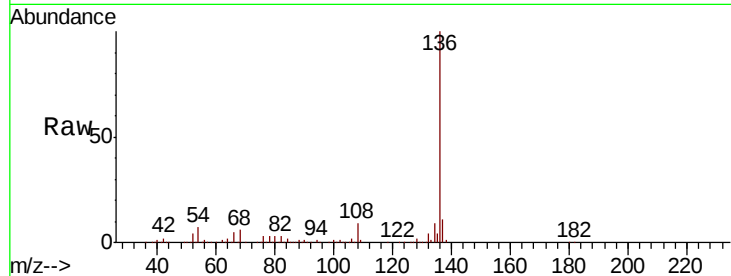
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Instrument :
BNA_F
ClientSampled :
RO-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	615640		
137	11.1	8.9	13.3	
54	7.4	6.1	9.1	
68	6.1	5.0	7.4	

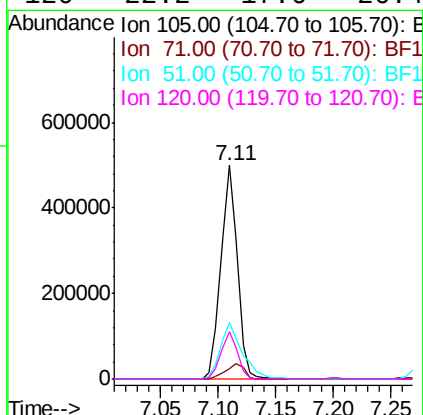
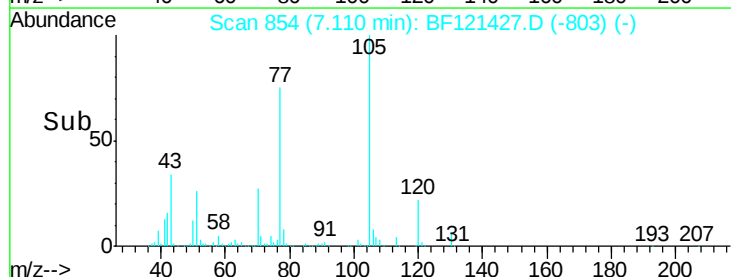
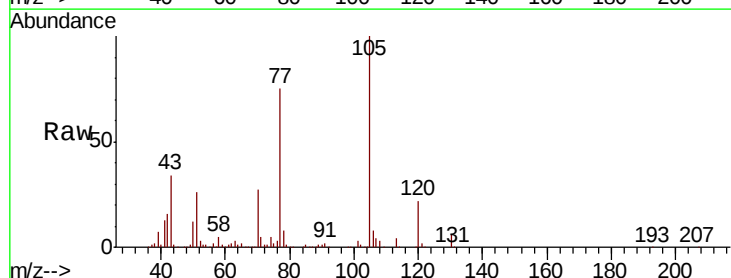
Manual Integrations
APPROVED

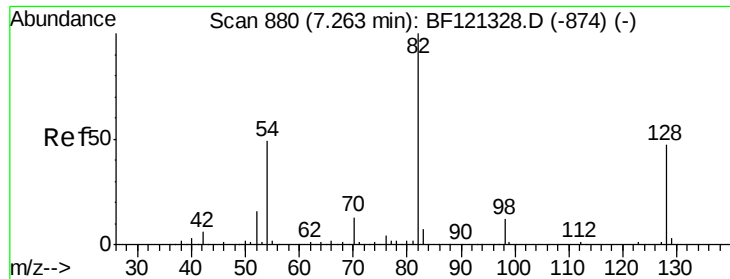
mohammad
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#22
Acetophenone
Concen: 34.650 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	498723		
71	4.6	4.5	6.7	
51	26.1	25.4	38.0	
120	22.2	17.6	26.4	





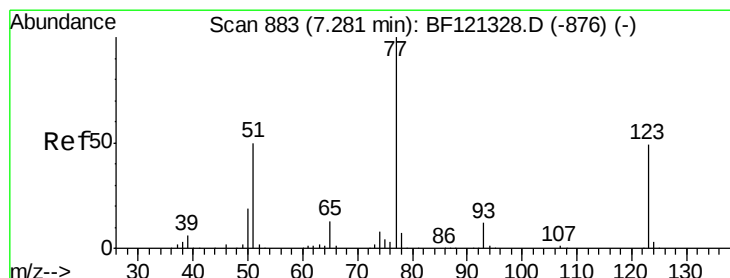
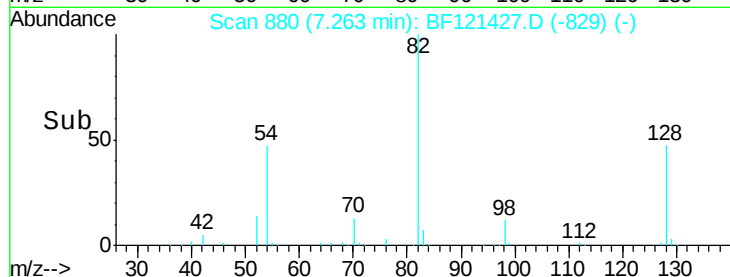
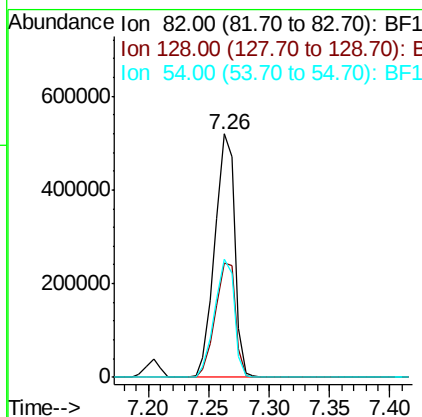
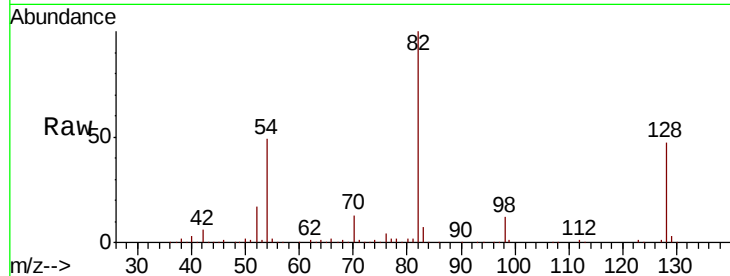
#23
Nitrobenzene-d5
Concen: 53.815 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Instrument :
BNA_F
ClientSampleId :
RO-04MSD

Tot Ion	82	Resp	585796
Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.9	56.9
54	48.8	39.0	58.4

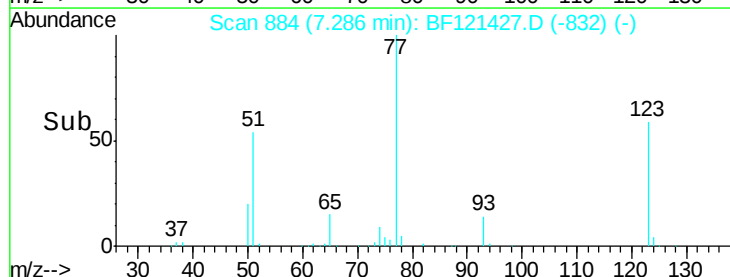
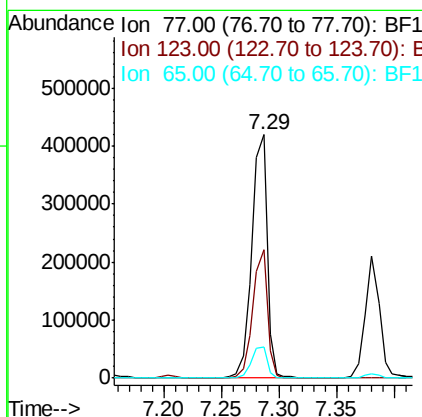
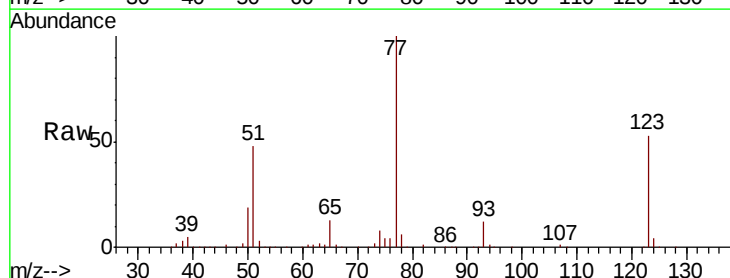
Manual Integrations
APPROVED

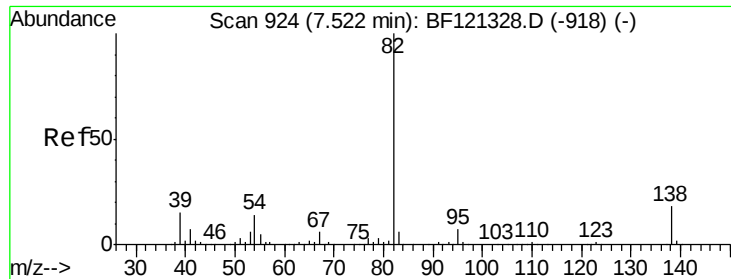
mohammad
8/26/2020 4:00:39 PM



#24
Nitrobenzene
Concen: 35.023 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Tgt Ion	77	Resp	388566
Ion	Ratio	Lower	Upper
77	100		
123	52.7	39.2	58.8
65	13.0	10.6	15.8





#25

Isophorone

Concen: 35.455 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF121427.D

Acq: 25 Aug 2020 14:55

Instrument :

BNA_F

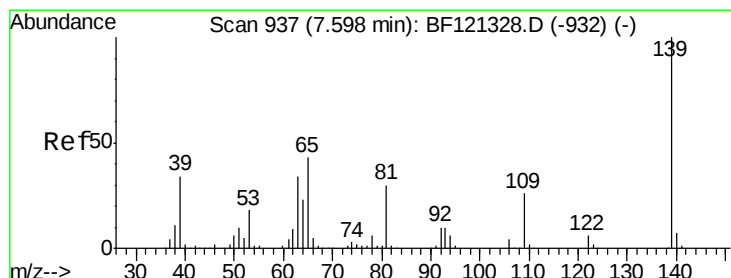
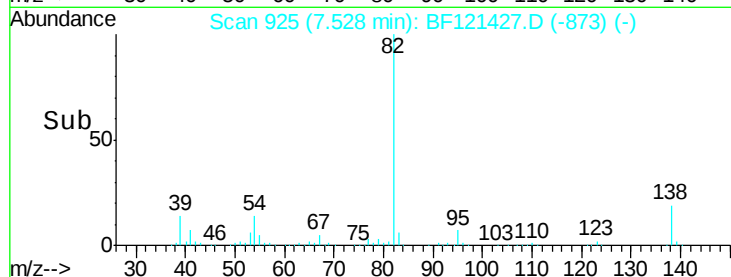
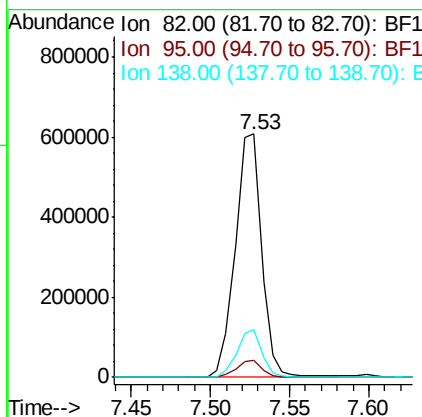
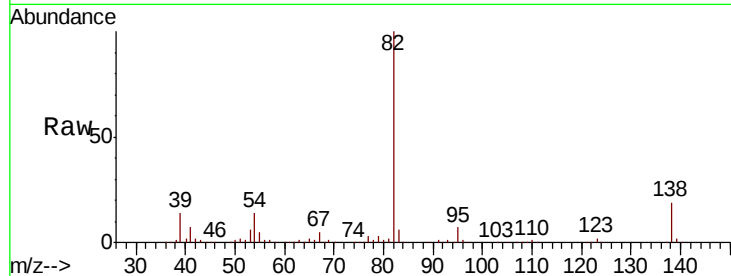
ClientSampleId :

RO-04MSD

Tot Ion	82	Resp	702357
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	19.4	14.6	21.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.485 ng

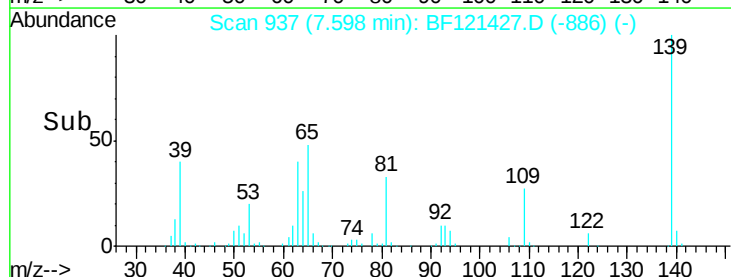
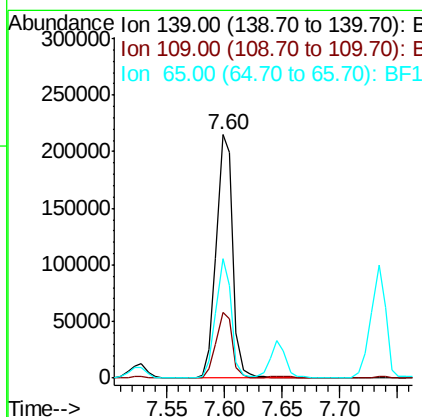
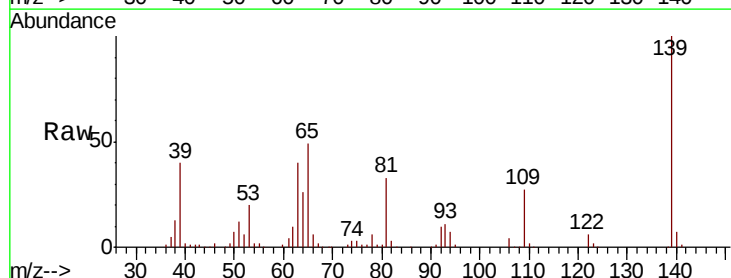
RT: 7.60 min Scan# 937

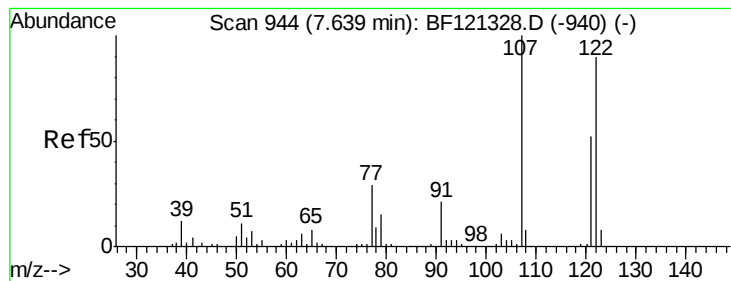
Delta R.T. -0.00 min

Lab File: BF121427.D

Acq: 25 Aug 2020 14:55

Tgt Ion	139	Resp	213288
Ion Ratio	Lower	Upper	
139	100		
109	27.2	21.1	31.7
65	48.9	34.5	51.7





#27

2,4-Dimethylphenol

Concen: 41.383 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF121427.D

Acq: 25 Aug 2020 14:55

Instrument :

BNA_F

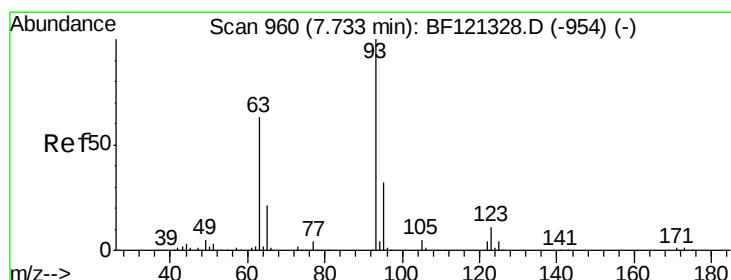
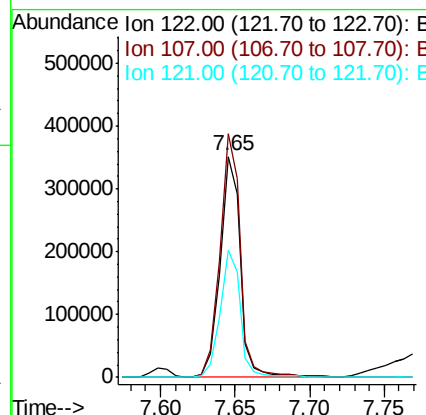
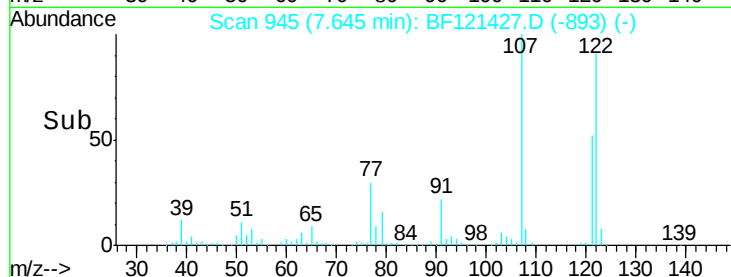
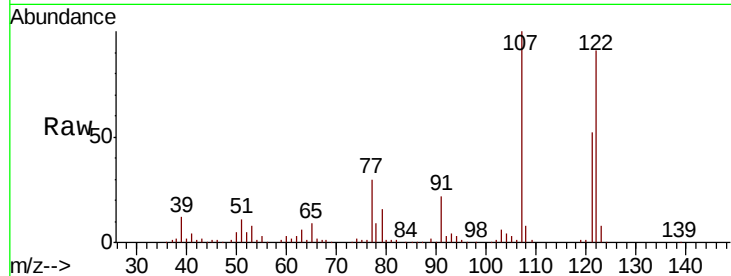
ClientSampled :

RO-04MSD

Tot Ion:	122	Resp:	335992
Ion Ratio	Lower	Upper	
122	100		
107	110.3	89.0	133.4
121	57.4	46.4	69.6

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#28

bis(2-Chloroethoxy)methane

Concen: 33.498 ng

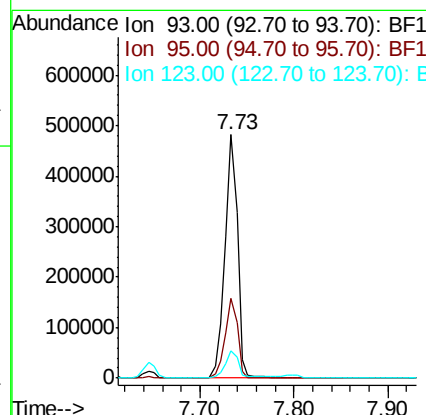
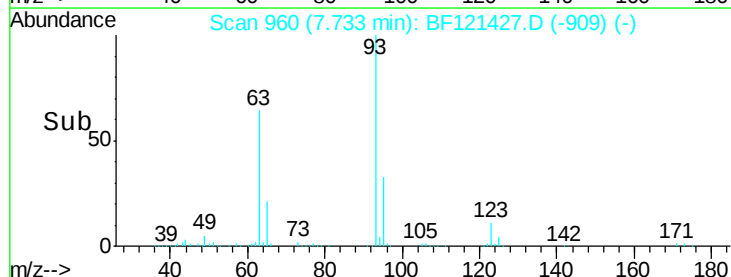
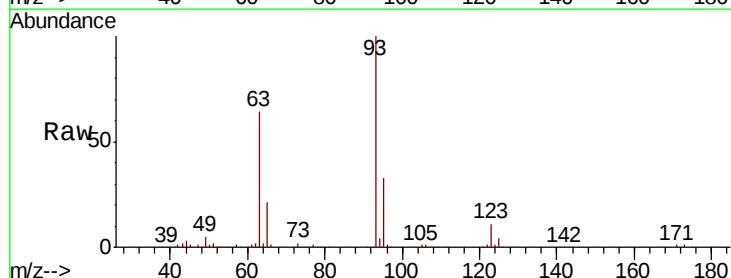
RT: 7.73 min Scan# 960

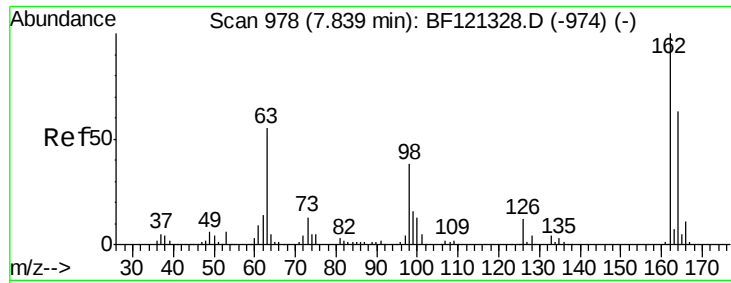
Delta R.T. -0.00 min

Lab File: BF121427.D

Acq: 25 Aug 2020 14:55

Tgt Ion:	93	Resp:	451728
Ion Ratio	Lower	Upper	
93	100		
95	32.5	25.8	38.8
123	11.3	9.0	13.6





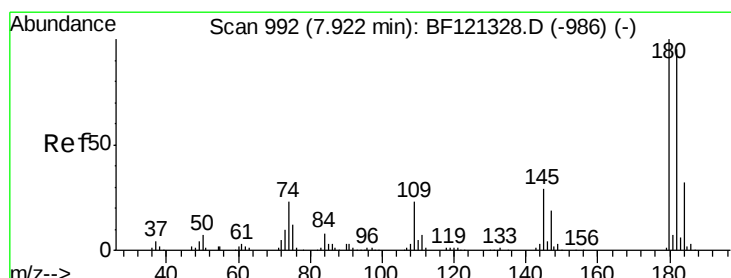
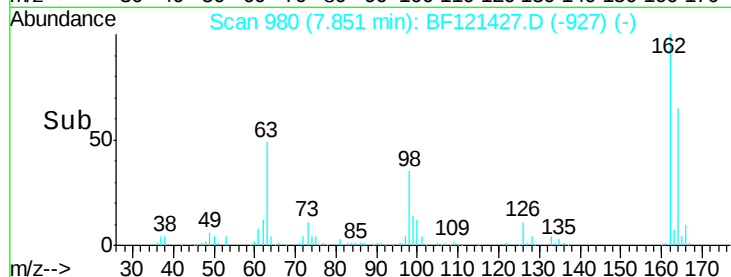
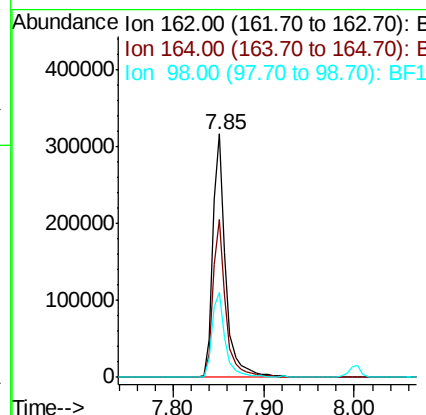
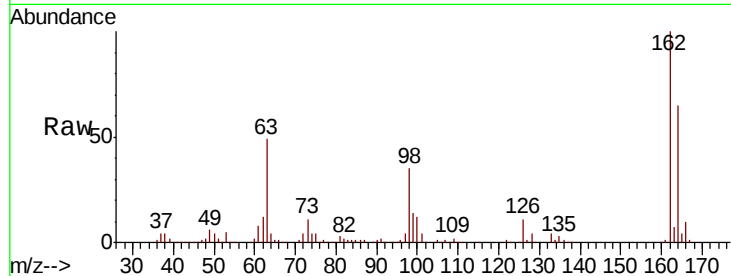
#29
2,4-Dichlorophenol
Concen: 35.950 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.01 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Instrument :
BNA_F
ClientSampleId :
RO-04MSD

Tot Ion:	162	Resp:	318676
Ion Ratio	Lower	Upper	
162	100		
164	64.9	43.4	83.4
98	35.0	18.1	58.1

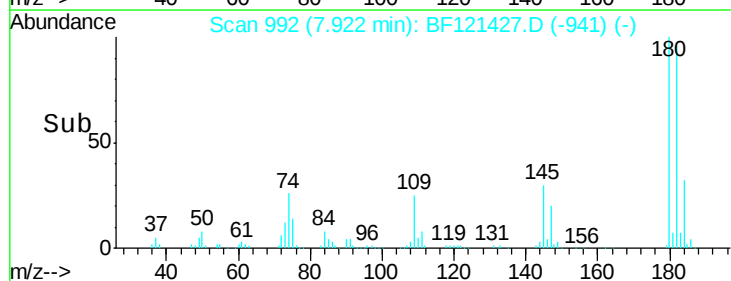
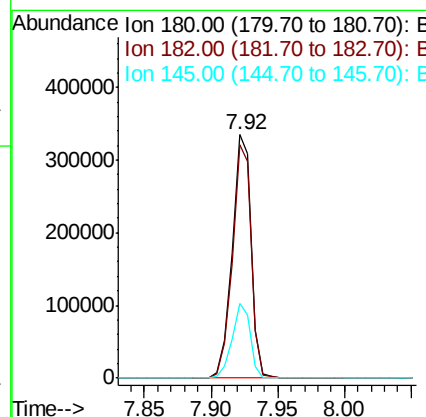
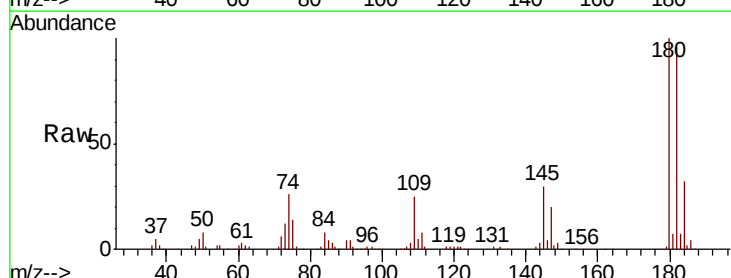
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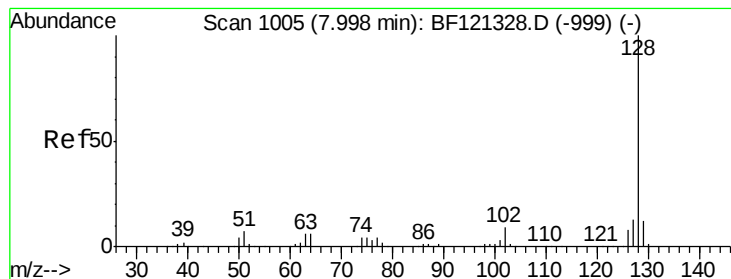
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 33.158 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Tgt Ion:	180	Resp:	336116
Ion Ratio	Lower	Upper	
180	100		
182	95.7	75.9	113.9
145	30.5	23.2	34.8





#31

Naphthalene

Concen: 34.212 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF121427.D

Acq: 25 Aug 2020 14:55

Instrument :

BNA_F

ClientSampleId :

RO-04MSD

Tot Ion:128 Resp: 1048246

Ion Ratio Lower Upper

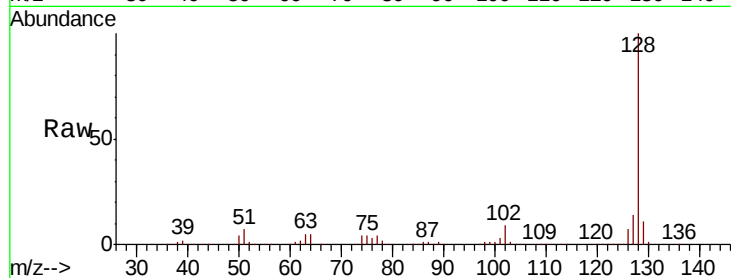
128 100

129 11.3 9.3 13.9

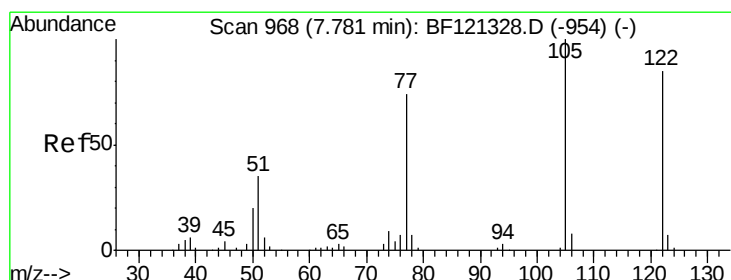
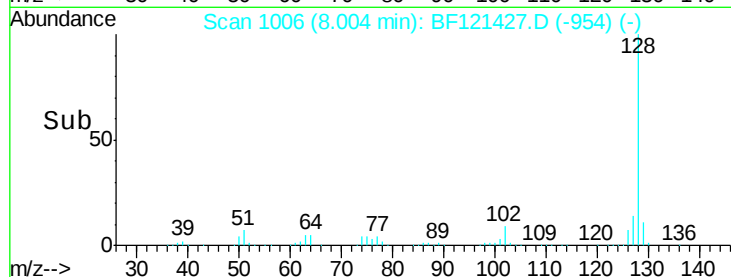
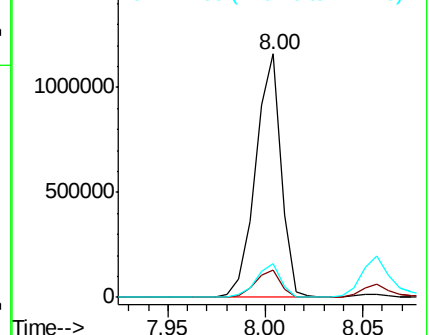
127 13.6 10.6 16.0

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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: 33.470 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF121427.D

Acq: 25 Aug 2020 14:55

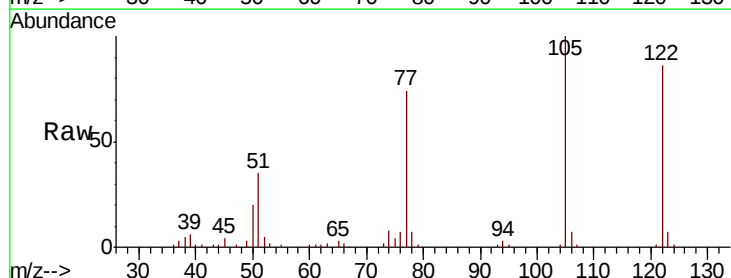
Tgt Ion:122 Resp: 196541

Ion Ratio Lower Upper

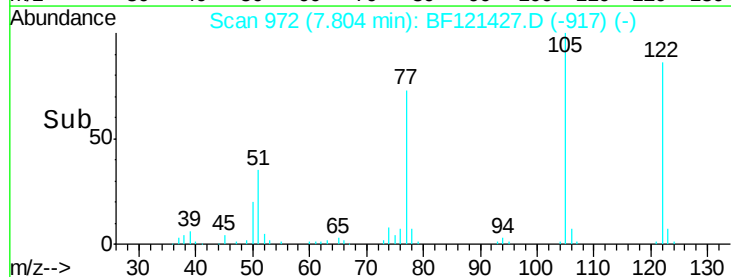
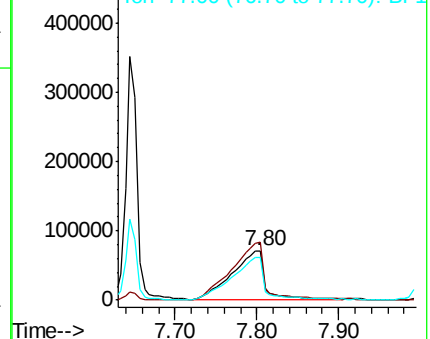
122 100

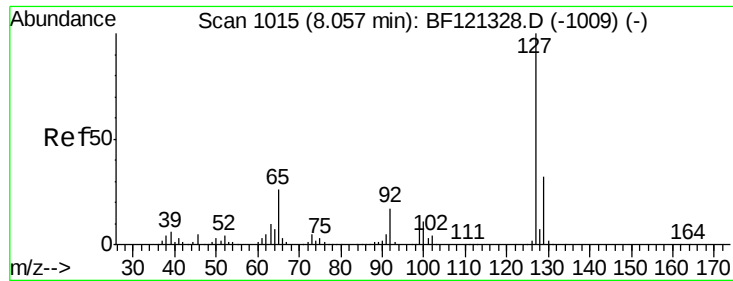
105 116.9 96.7 136.7

77 86.1 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





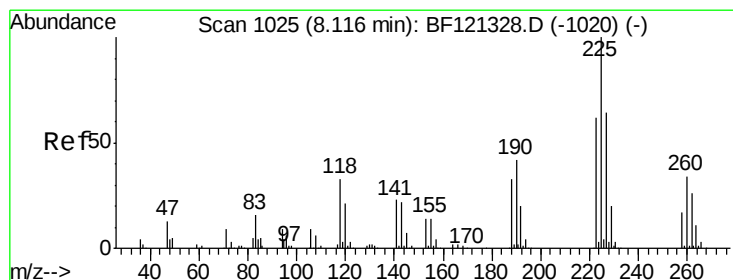
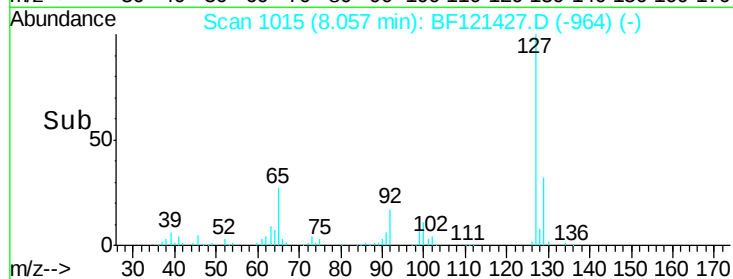
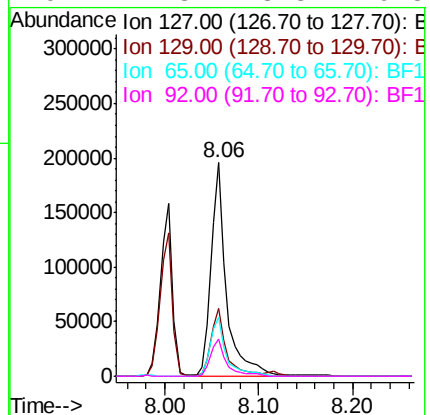
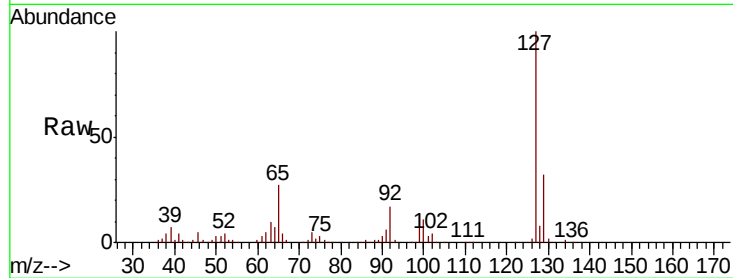
#33
4-Chloroaniline
Concen: 16.638 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Instrument :
BNA_F
ClientSampleId :
RO-04MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		225740		
129	31.9	25.7	38.5		
65	27.4	20.9	31.3		
92	17.3	13.8	20.8		

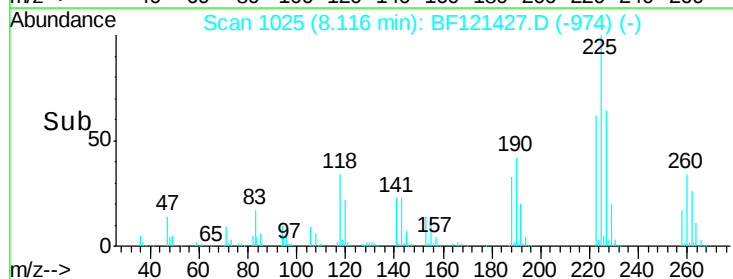
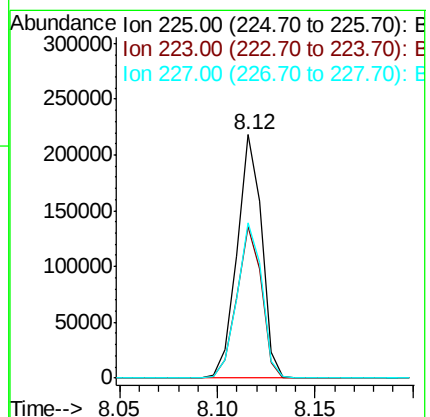
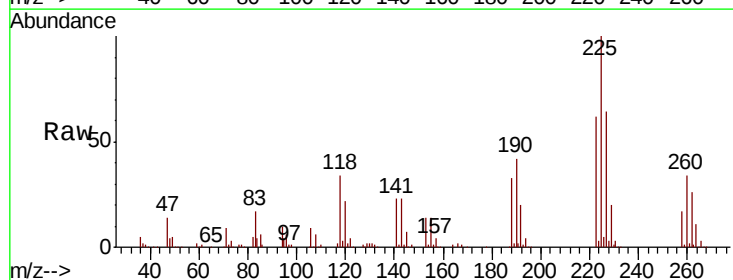
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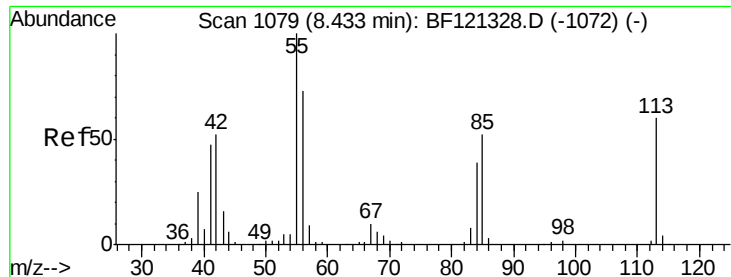
mohammad
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#34
Hexachlorobutadiene
Concen: 31.825 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		190920		
223	62.2	49.7	74.5		
227	63.9	50.9	76.3		





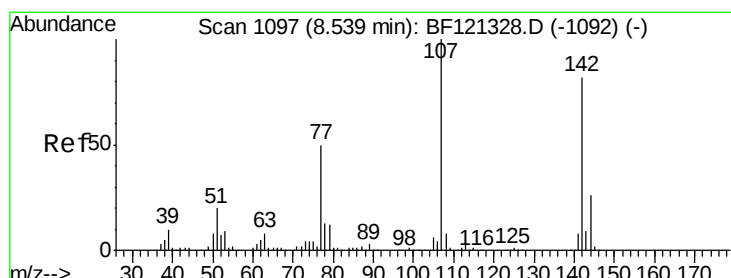
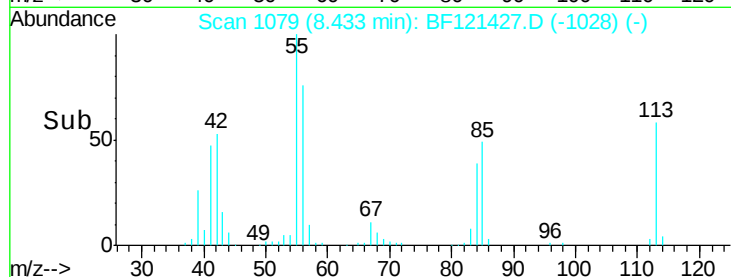
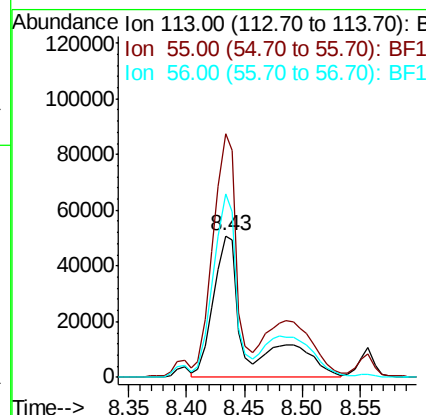
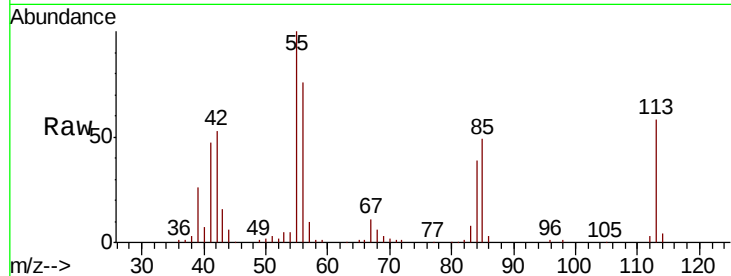
#35
 Caprolactam
 Concen: 36.710 ng/ml
 RT: 8.43 min Scan# 1079
 Delta R.T. -0.00 min
 Lab File: BF121427.D
 Acq: 25 Aug 2020 14:55

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	171.6	147.9	187.9
56	129.8	102.4	142.4

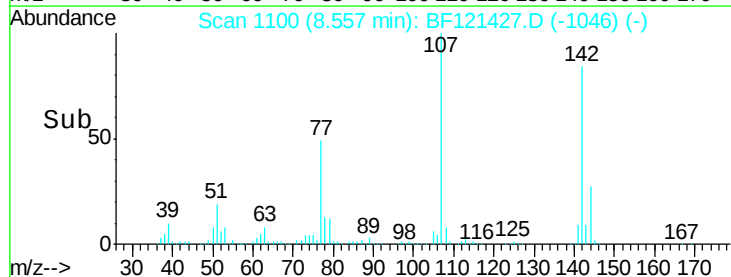
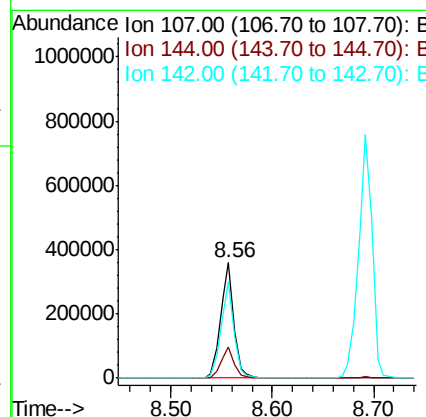
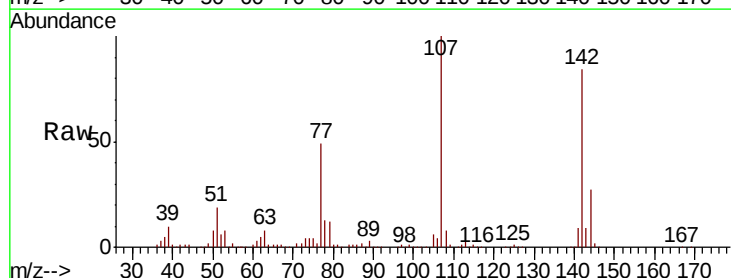
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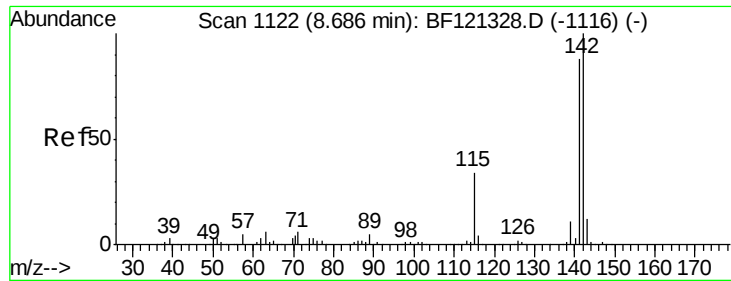
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 36.553 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.02 min
 Lab File: BF121427.D
 Acq: 25 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.1	31.7
142	83.7	65.6	98.4





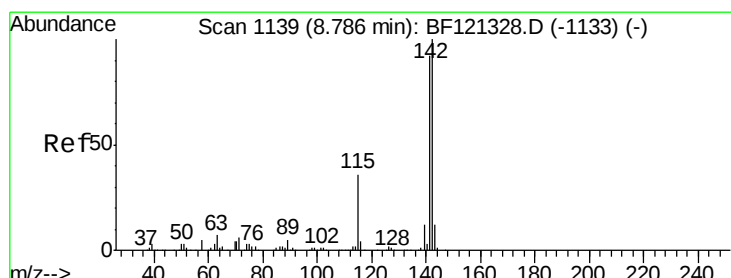
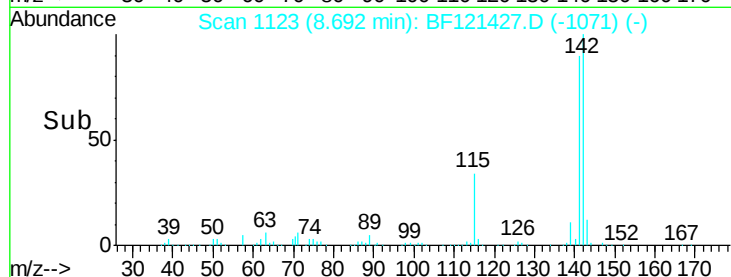
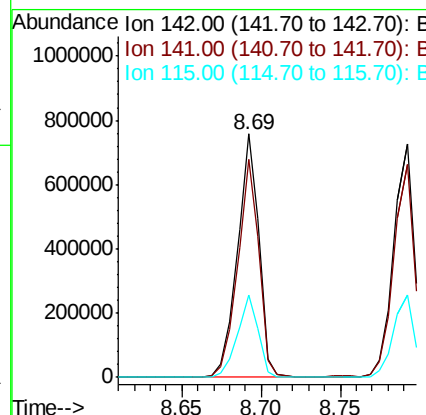
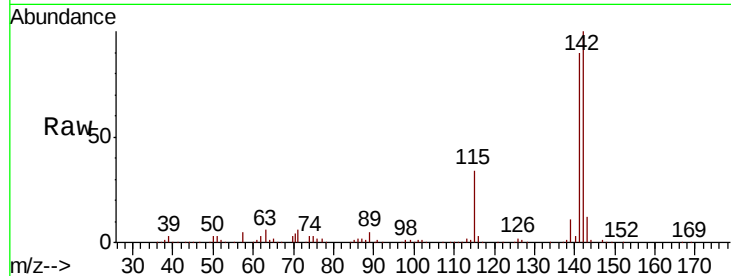
#37
2-Methylnaphthalene
Concen: 35.683 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Instrument :
BNA_F
ClientSampleId :
RO-04MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.3	105.5
115	33.7	26.9	40.3

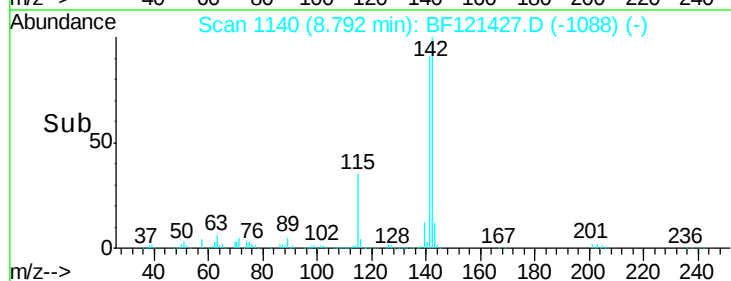
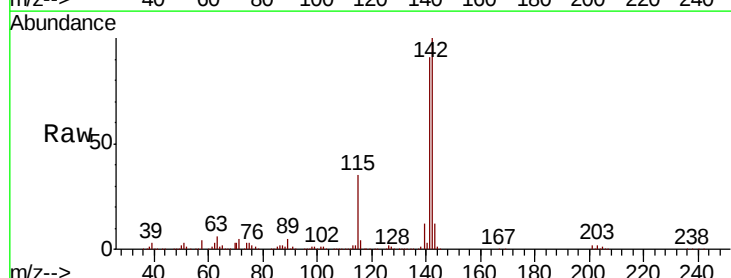
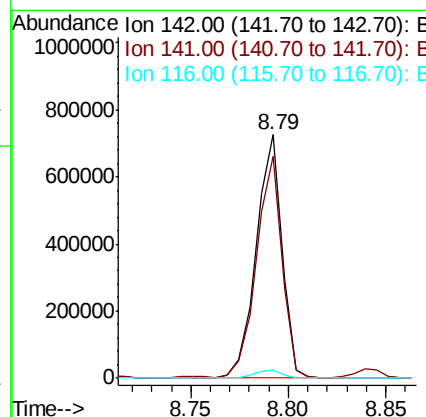
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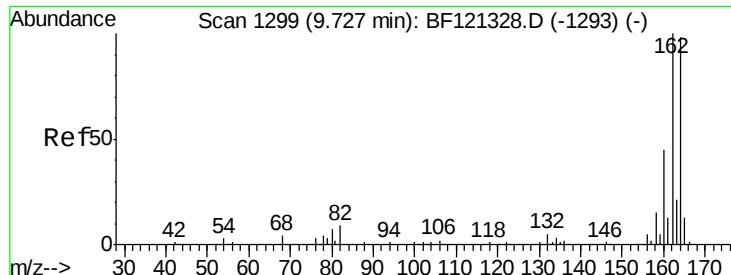
mohammad
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#38
1-Methylnaphthalene
Concen: 34.911 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.6	110.4
116	3.5	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: BF121427.D

Acq: 25 Aug 2020 14:55

Instrument :

BNA_F

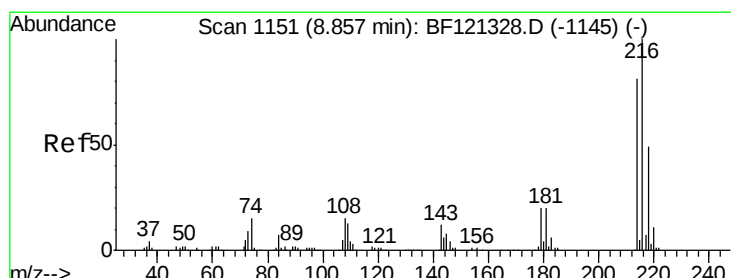
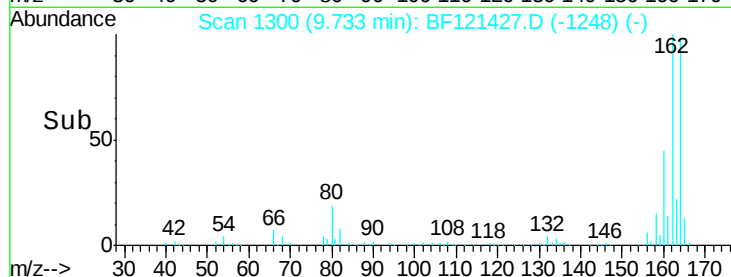
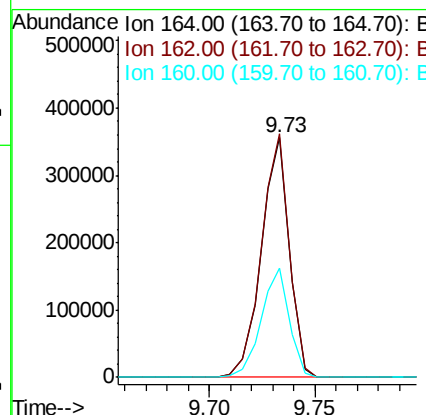
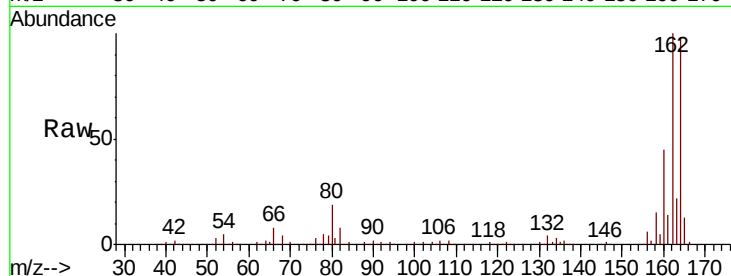
ClientSampleId :

RO-04MSD

Tot Ion:	164	Resp:	327919
Ion Ratio	Lower	Upper	
164	100		
162	101.8	81.7	122.5
160	45.9	37.0	55.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.116 ng

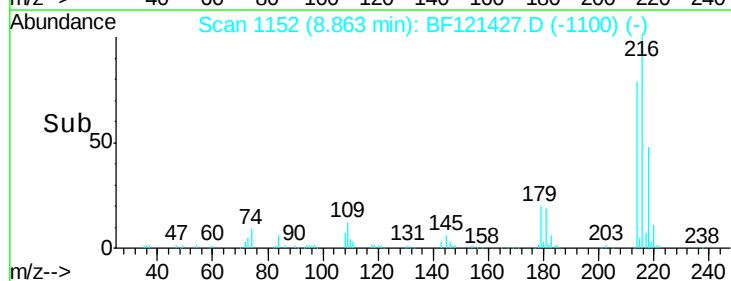
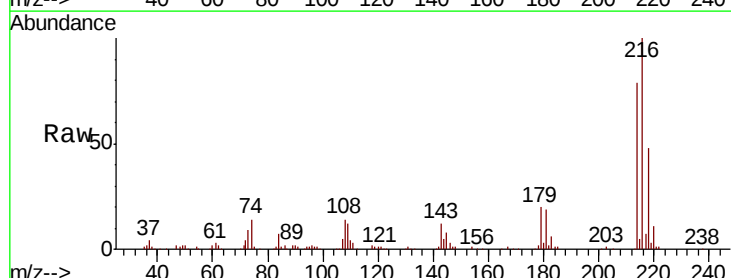
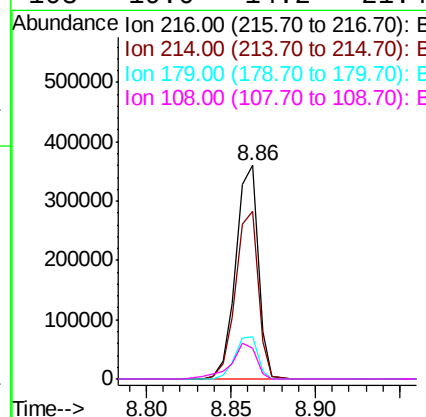
RT: 8.86 min Scan# 1152

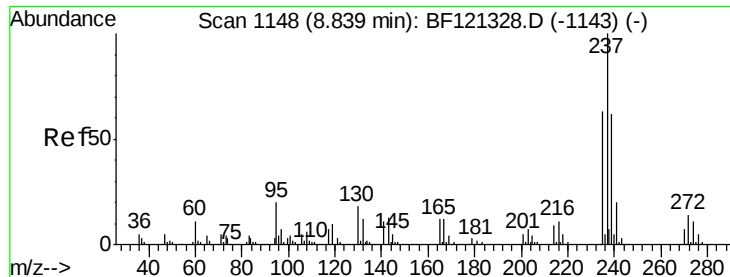
Delta R.T. 0.01 min

Lab File: BF121427.D

Acq: 25 Aug 2020 14:55

Tgt Ion:	216	Resp:	332036
Ion Ratio	Lower	Upper	
216	100		
214	79.2	64.2	96.2
179	20.4	16.4	24.6
108	19.0	14.2	21.4





#41

Hexachlorocyclopentadiene

Concen: 61.046 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF121427.D

Acq: 25 Aug 2020 14:55

Instrument :

BNA_F

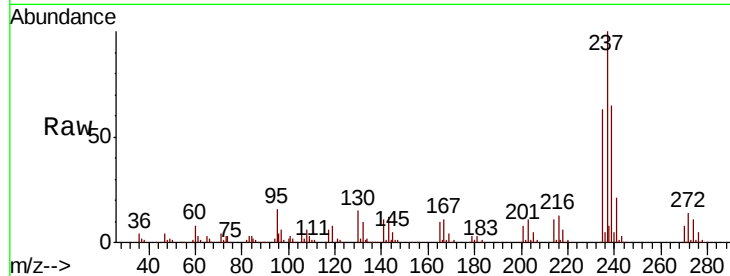
ClientSampleId :

RO-04MSD

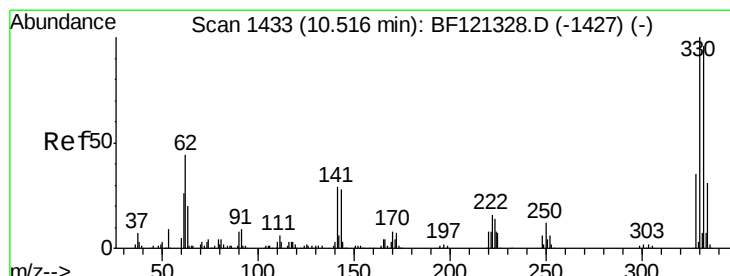
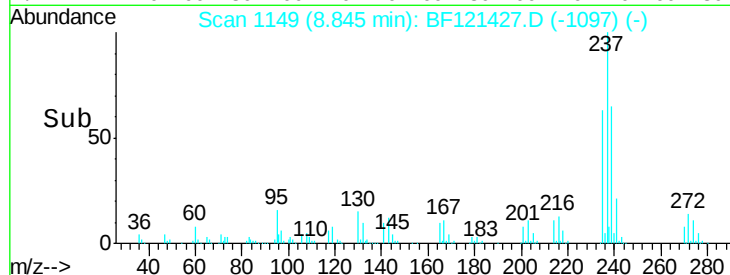
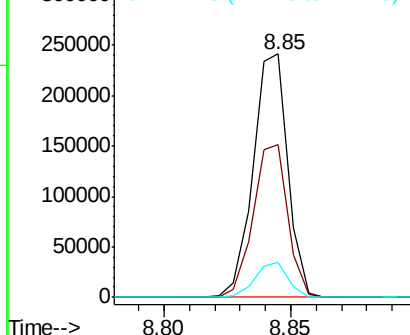
Tot Ion:	237	Resp:	229188
Ion Ratio	Lower	Upper	
237	100		
235	62.9	42.7	82.7
272	14.3	0.0	33.7

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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: 71.506 ng

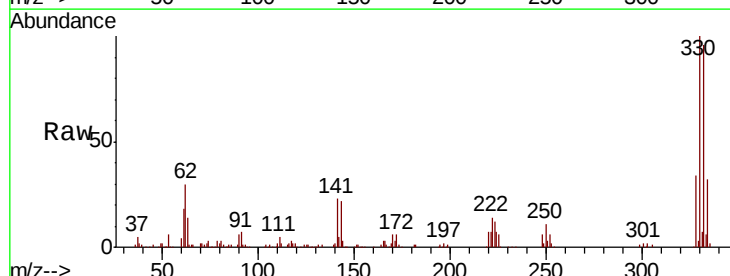
RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

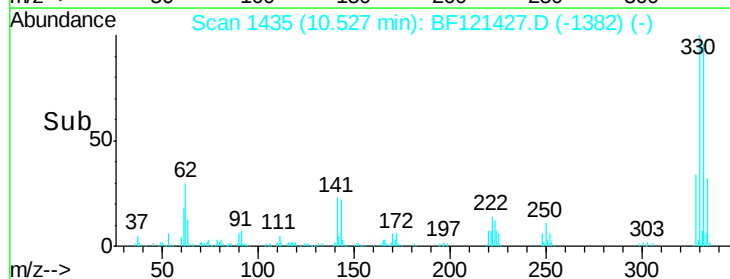
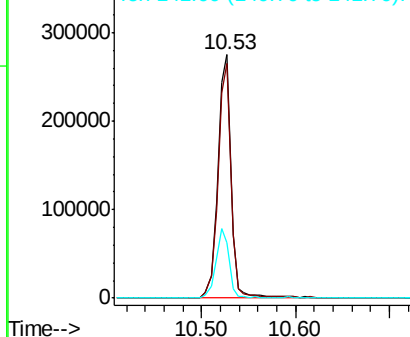
Lab File: BF121427.D

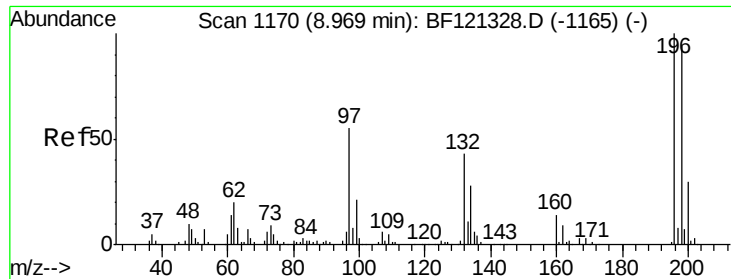
Acq: 25 Aug 2020 14:55

Tgt Ion:	330	Resp:	273245
Ion Ratio	Lower	Upper	
330	100		
332	95.1	76.9	115.3
141	29.0	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





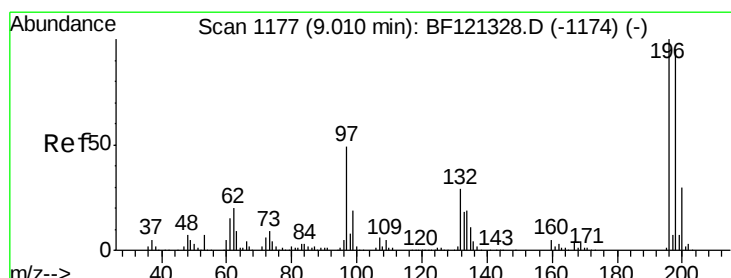
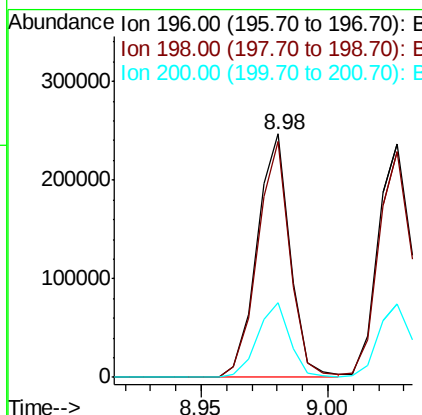
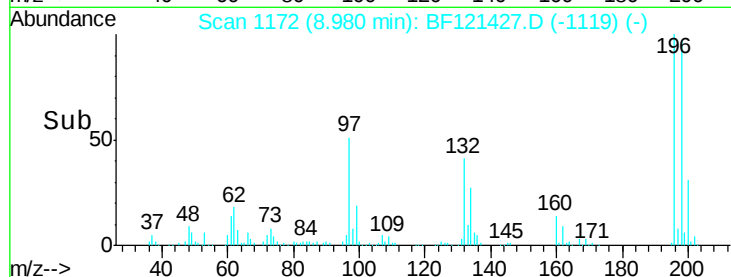
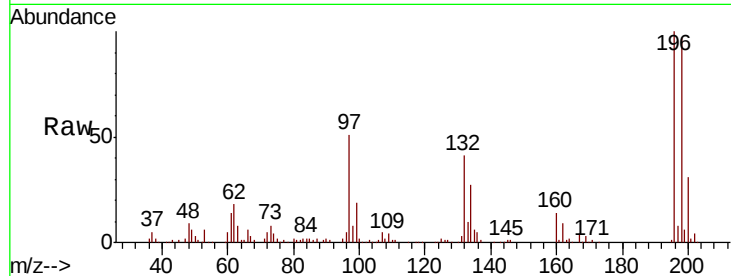
#43
2,4,6-Trichlorophenol
Concen: 33.903 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Instrument :
BNA_F
ClientSampleId :
RO-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	225581		
198	96.9	75.6	113.4	
200	30.9	24.2	36.2	

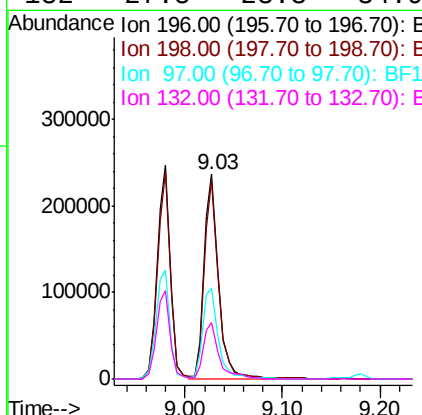
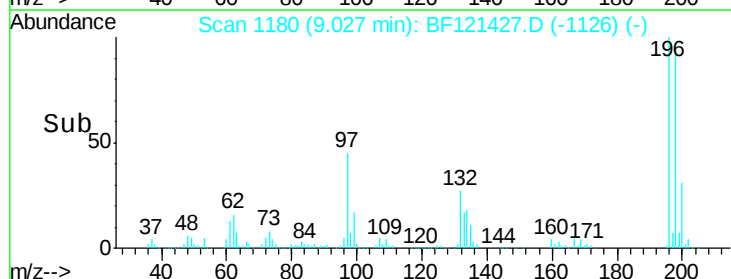
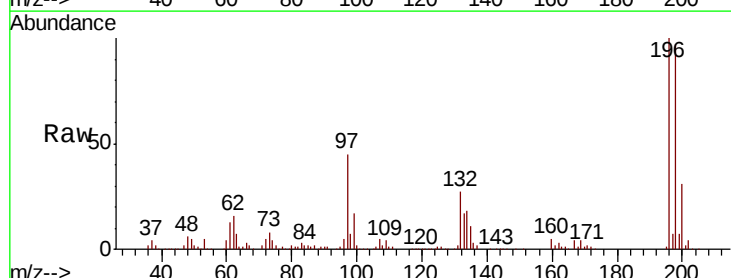
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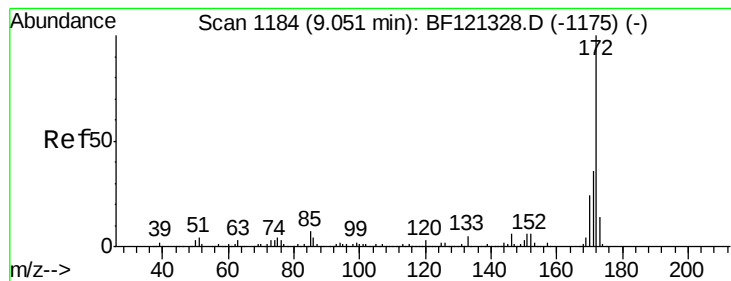
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 35.436 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.02 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	242577		
198	97.0	75.6	113.4	
97	44.7	39.6	59.4	
132	27.5	23.3	34.9	





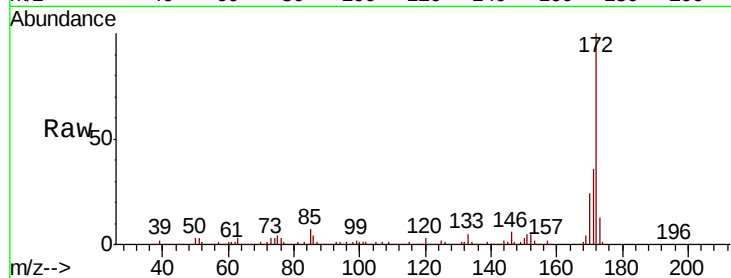
#45
2-Fluorobiphenyl
Concen: 56.617 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Instrument :
BNA_F
ClientSampled :
RO-04MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	24.4	19.4	29.2

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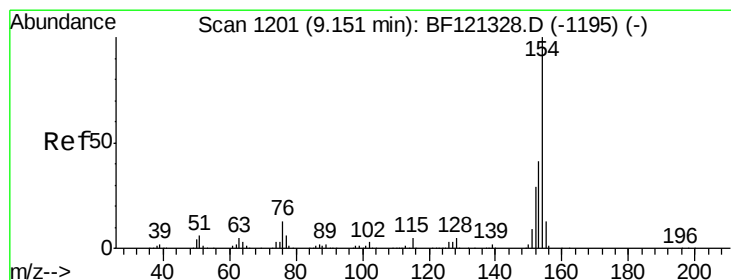
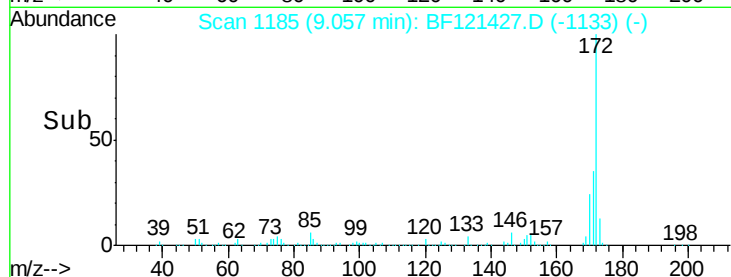
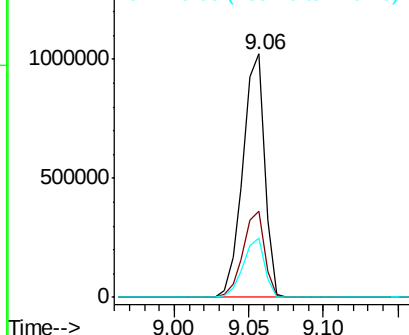


Abundance

Ion 172.00 (171.70 to 172.70): E

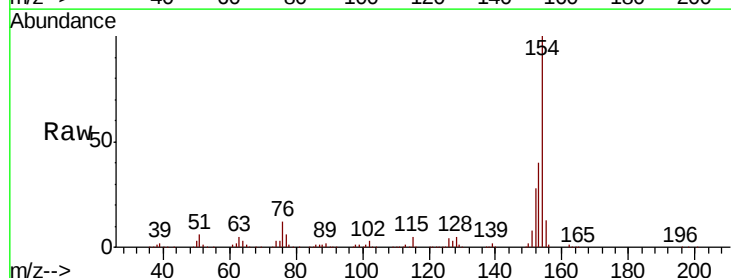
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 34.757 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.8	60.8
76	12.4	0.0	33.1

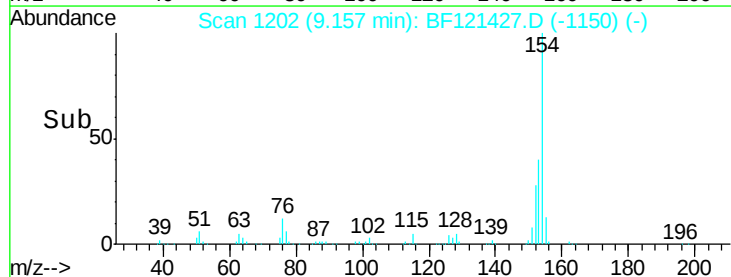
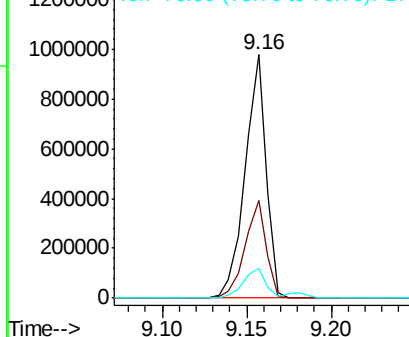


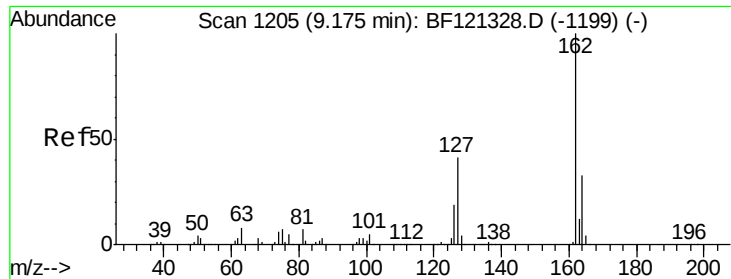
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





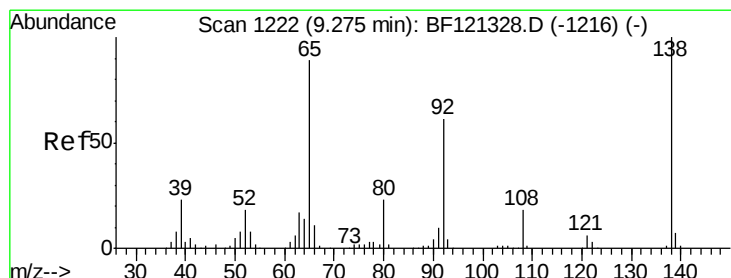
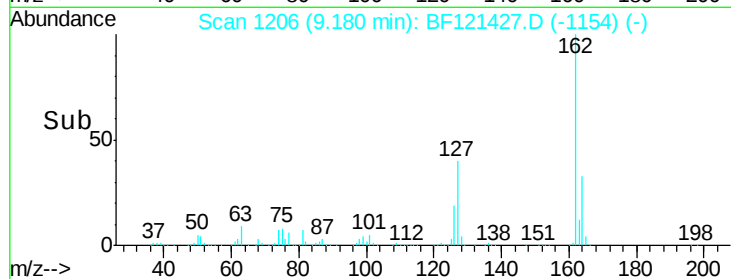
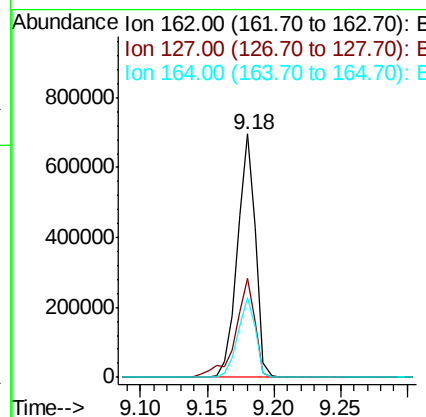
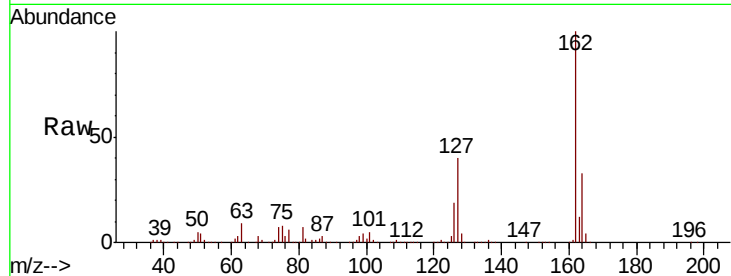
#47
 2-Chloronaphthalene
 Concen: 32.538 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF121427.D
 Acq: 25 Aug 2020 14:55

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	40.5	33.1	49.7
164	32.9	26.5	39.7

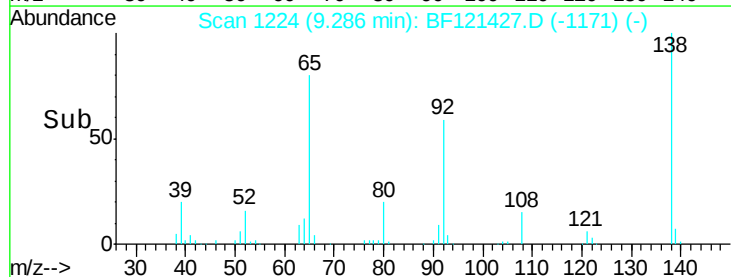
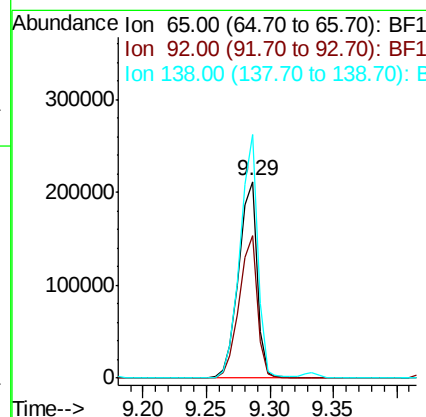
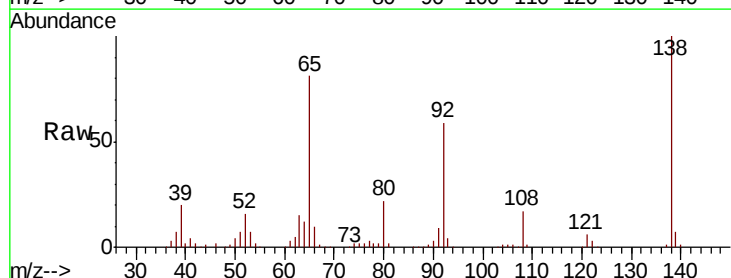
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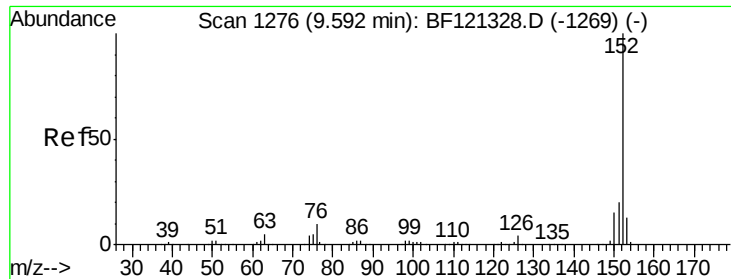
mohammad
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#48
 2-Nitroaniline
 Concen: 33.630 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF121427.D
 Acq: 25 Aug 2020 14:55

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	72.7	54.9	82.3
138	123.8	89.5	134.3





#49

Acenaphthylene

Concen: 34.934 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF121427.D

Acq: 25 Aug 2020 14:55

Instrument :

BNA_F

ClientSampleId :

RO-04MSD

Tot Ion:152 Resp: 1050663

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

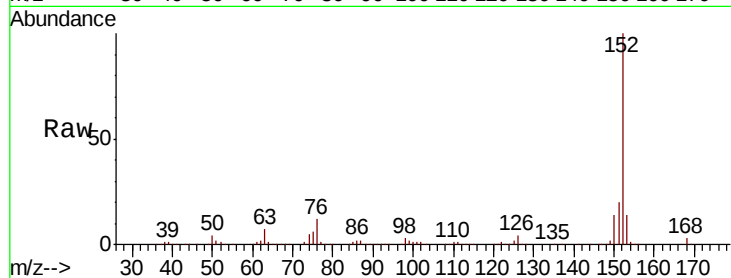
153 13.6 10.6 16.0

Manual Integrations

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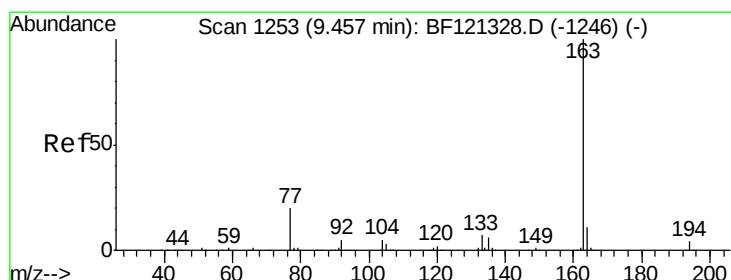
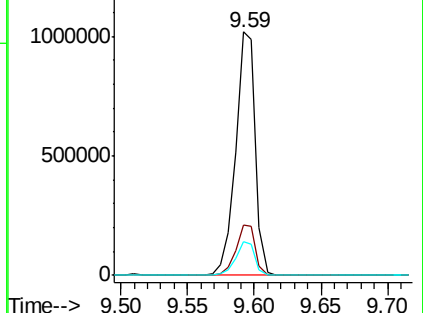
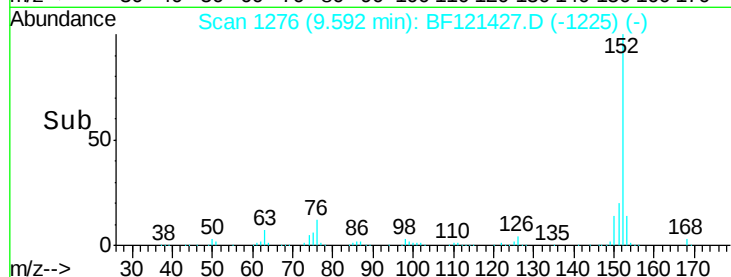
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.224 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF121427.D

Acq: 25 Aug 2020 14:55

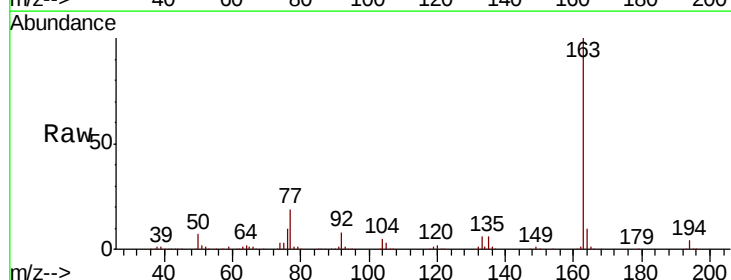
Tgt Ion:163 Resp: 911897

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

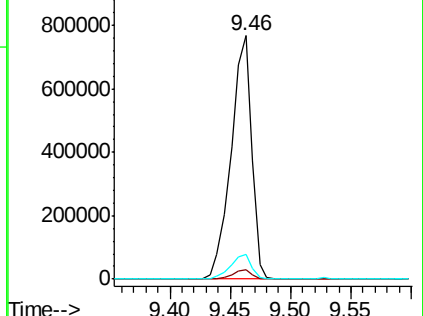
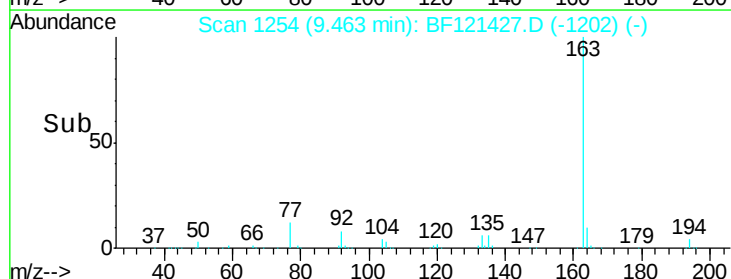
164 10.1 8.4 12.6

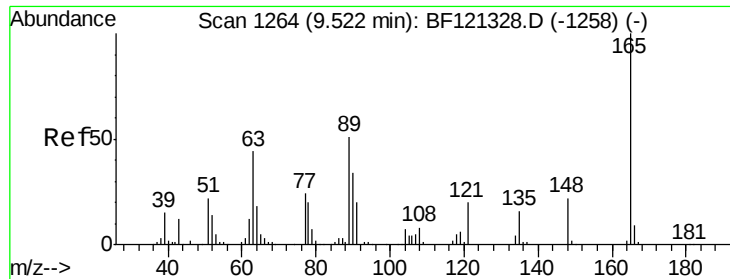


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 34.705 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BF121427.D

Acq: 25 Aug 2020 14:55

Instrument :

BNA_F

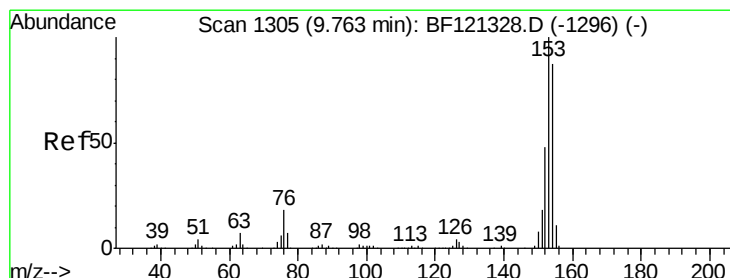
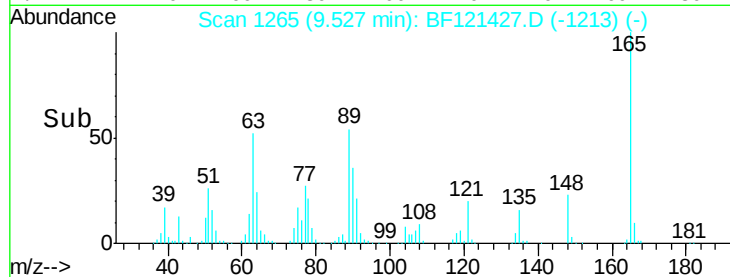
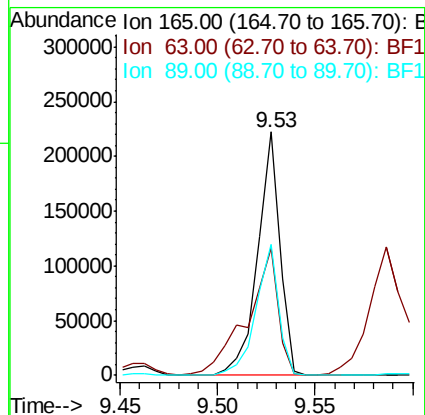
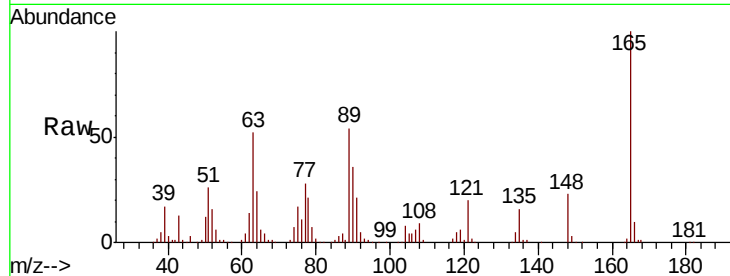
ClientSampleId :

RO-04MSD

Tot Ion:	165	Resp:	176825
Ion Ratio	Lower	Upper	
165	100		
63	52.2	38.5	57.7
89	54.0	41.2	61.8

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#52

Acenaphthene

Concen: 33.440 ng

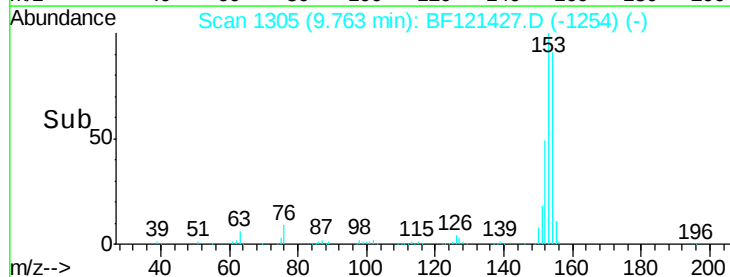
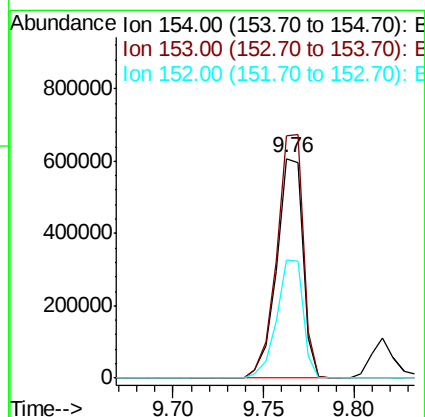
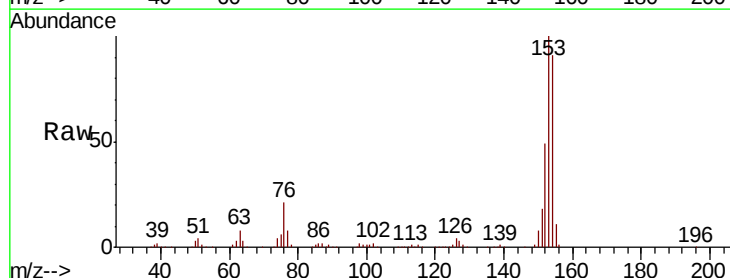
RT: 9.76 min Scan# 1305

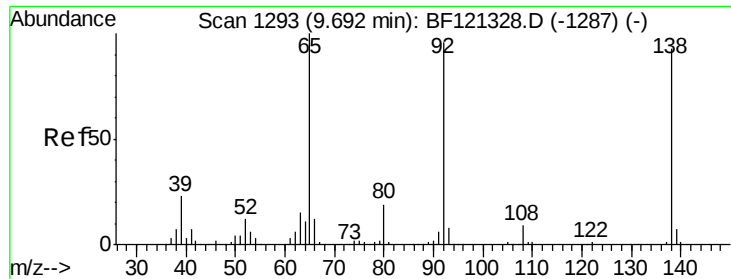
Delta R.T. -0.00 min

Lab File: BF121427.D

Acq: 25 Aug 2020 14:55

Tgt Ion:	154	Resp:	611087
Ion Ratio	Lower	Upper	
154	100		
153	110.3	92.0	138.0
152	54.0	44.6	66.8





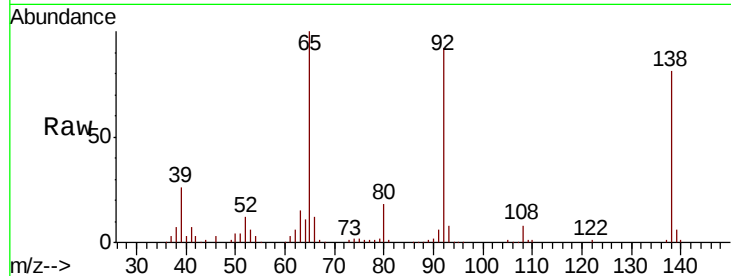
#53
3-Nitroaniline
Concen: 19.347 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Instrument :
BNA_F
ClientSampleId :
RO-04MSD

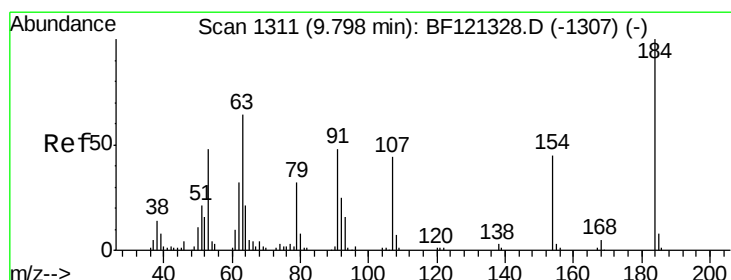
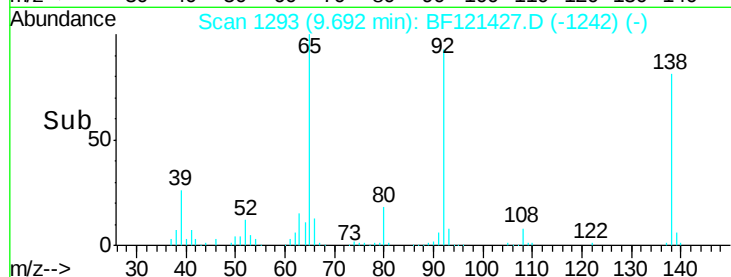
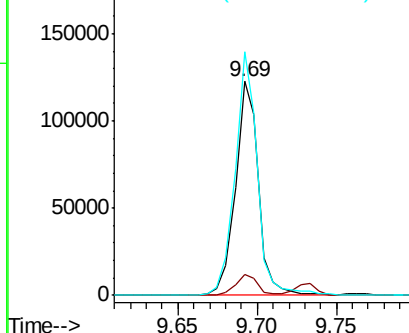
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.5	11.3
92	113.9	83.0	124.4

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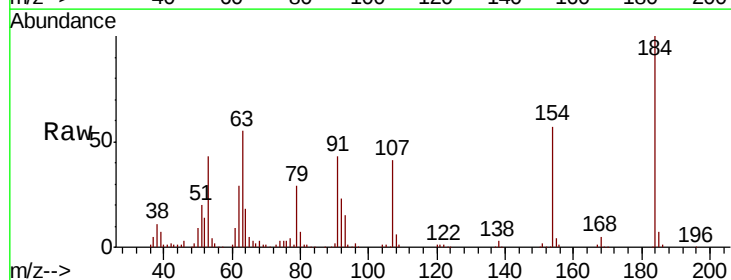


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

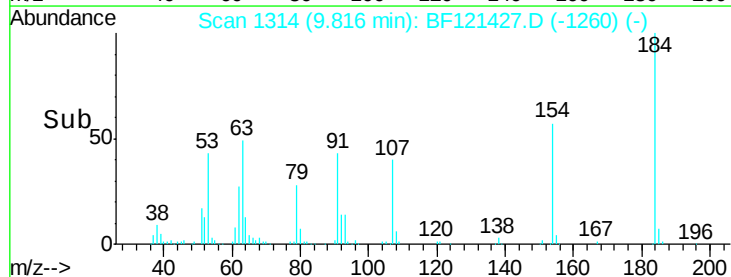
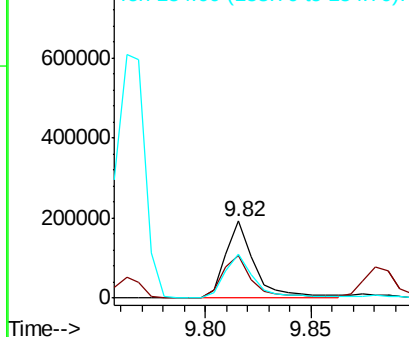


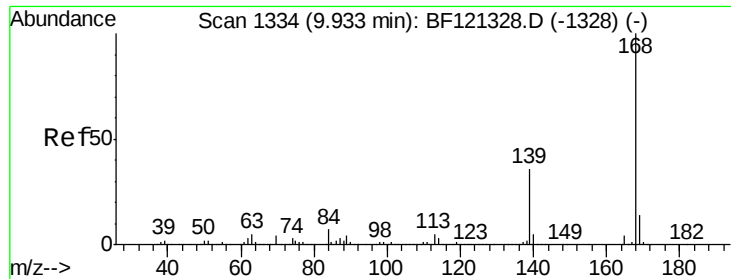
#54
2,4-Dinitrophenol
Concen: 74.827 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.02 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.5	51.5	77.3
154	57.1	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





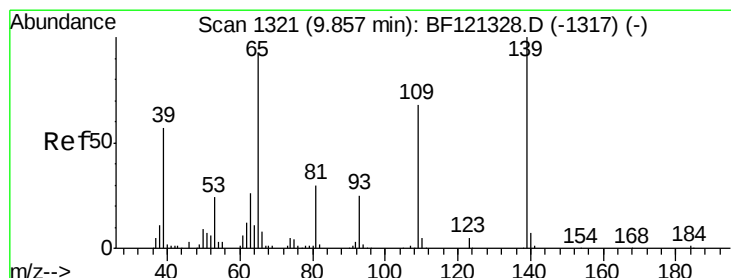
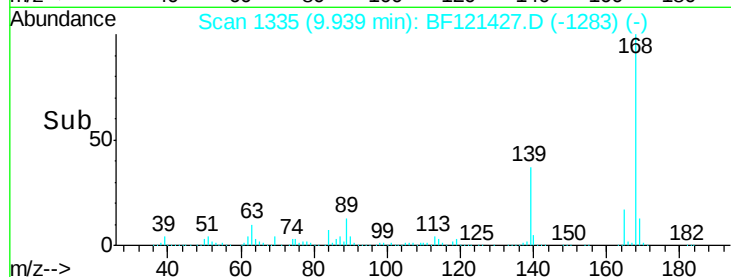
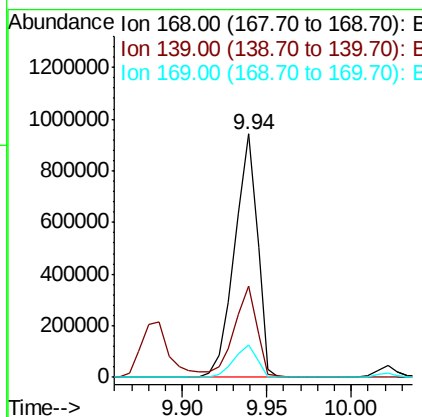
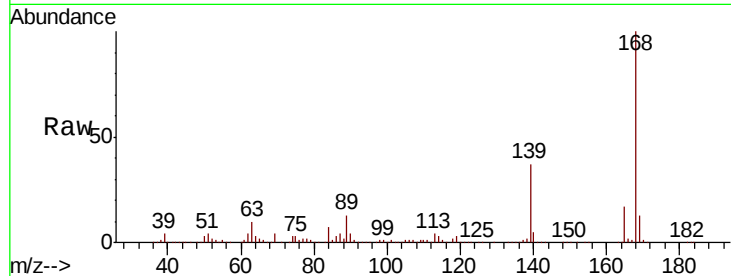
#55
Dibenzenofuran
Concen: 37.013 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Instrument :
BNA_F
ClientSampleId :
RO-04MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.1	43.7
169	13.5	11.0	16.6

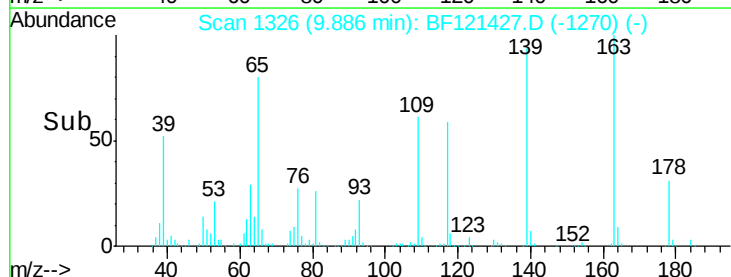
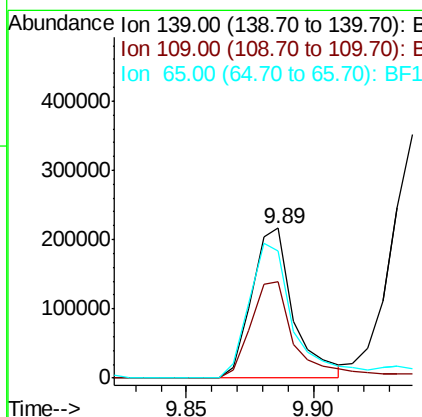
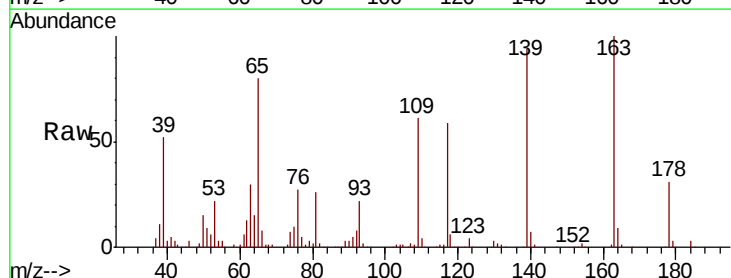
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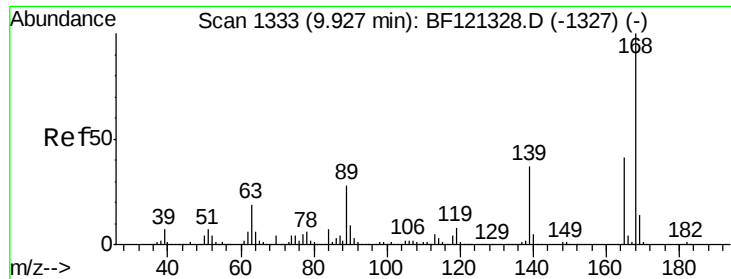
mohammad
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#56
4-Nitrophenol
Concen: 63.492 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.03 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.7	47.7	87.7
65	84.4	73.2	113.2





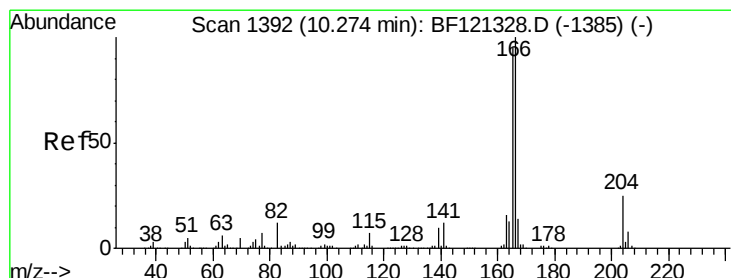
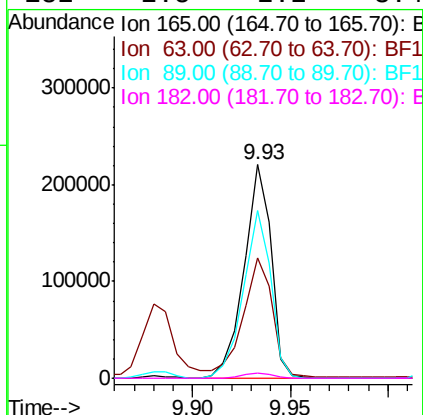
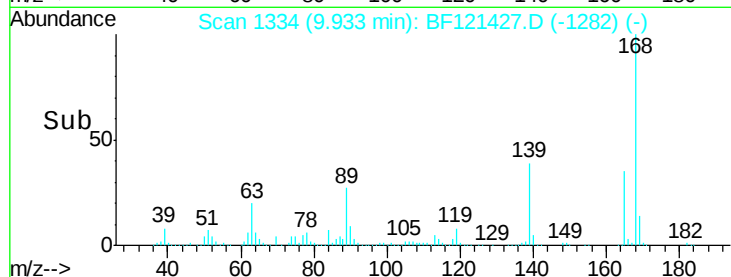
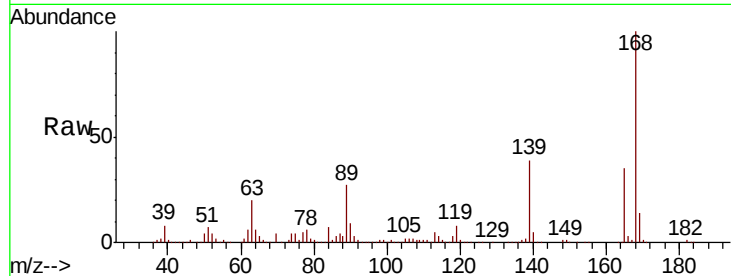
#57
 2,4-Dinitrotoluene
 Concen: 34.286 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: BF121427.D
 Acq: 25 Aug 2020 14:55

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	213110		
63	56.6	37.5	56.3#	
89	78.7	54.2	81.4	
182	2.5	2.2	3.4	

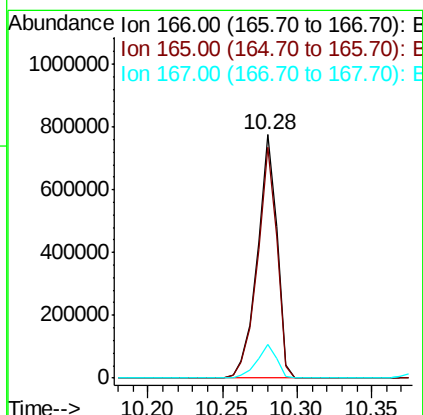
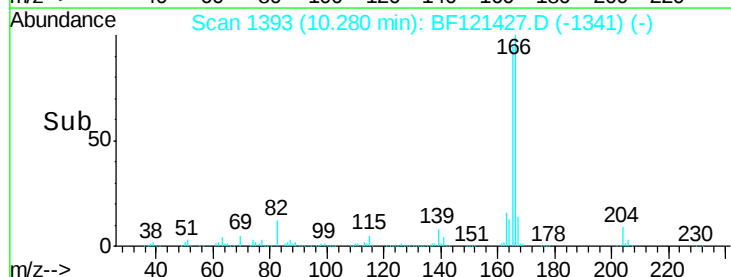
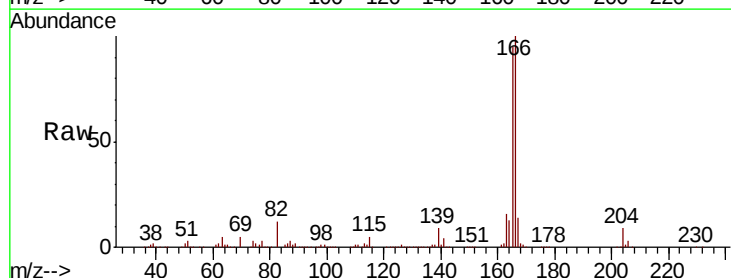
Manual Integrations
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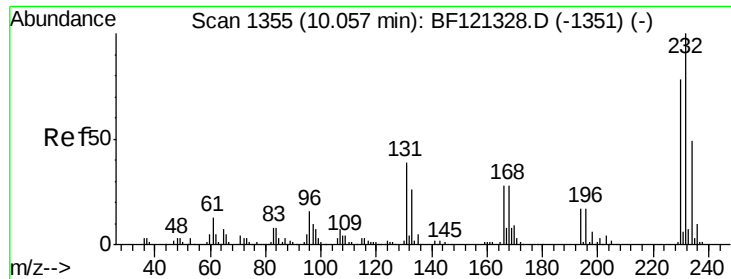
mohammad
 8/26/2020 4:00:39 PM



#58
 Fluorene
 Concen: 39.778 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF121427.D
 Acq: 25 Aug 2020 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	694746		
165	95.0	75.8	113.8	
167	13.6	11.0	16.4	





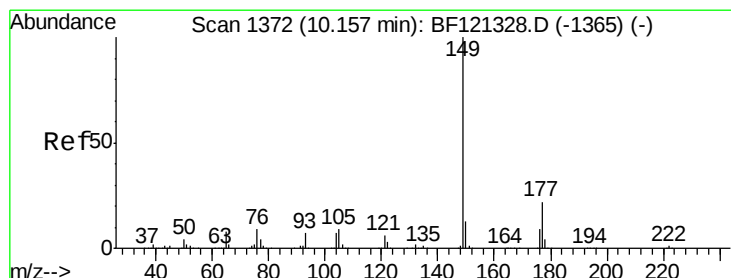
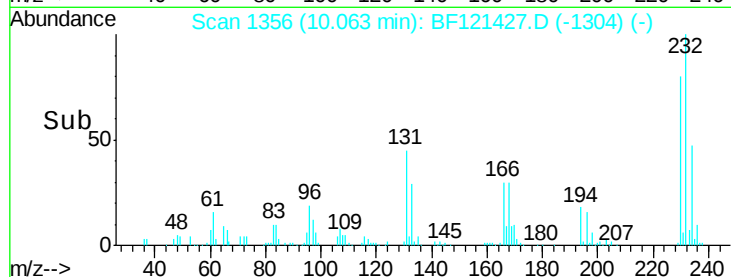
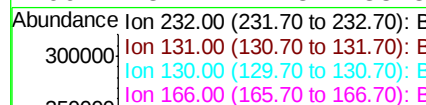
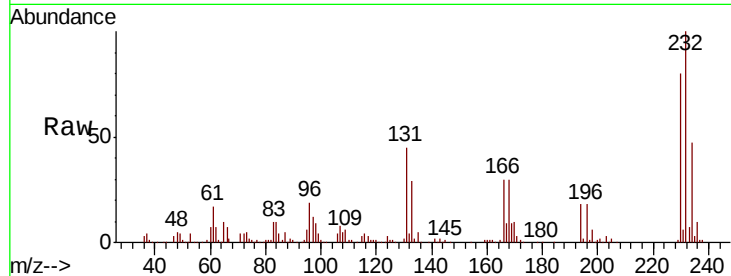
#59
2,3,4,6-Tetrachlorophenol
Concen: 34.609 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Instrument :
BNA_F
ClientSampleId :
RO-04MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		202523		
131	42.4	34.2	51.4		
130	2.1	1.7	2.5		
166	28.1	22.3	33.5		

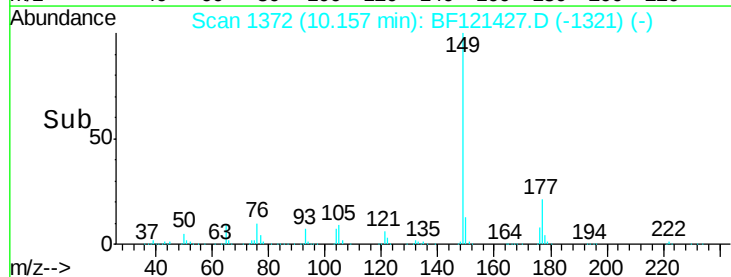
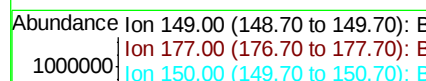
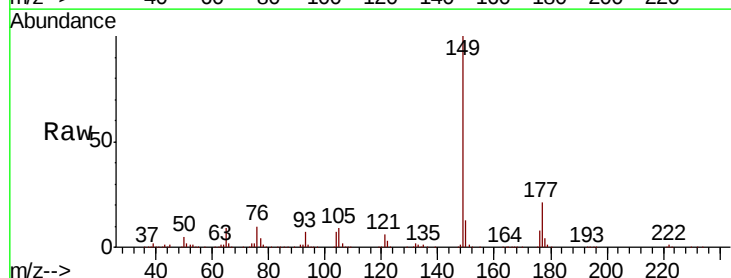
Manual Integrations
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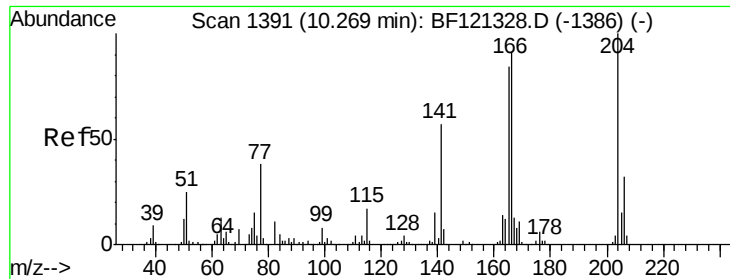
mohammad
8/26/2020 4:00:39 PM



#60
Diethylphthalate
Concen: 33.552 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		781642		
177	21.2	17.6	26.4		
150	12.8	10.1	15.1		





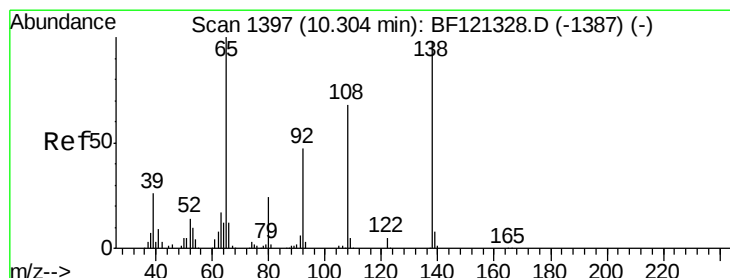
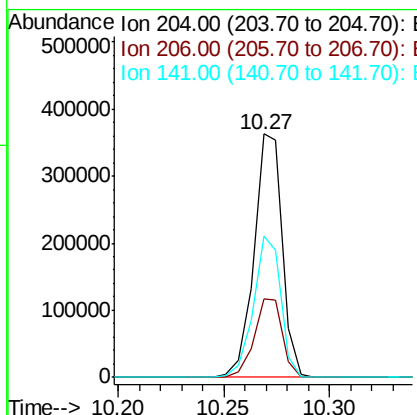
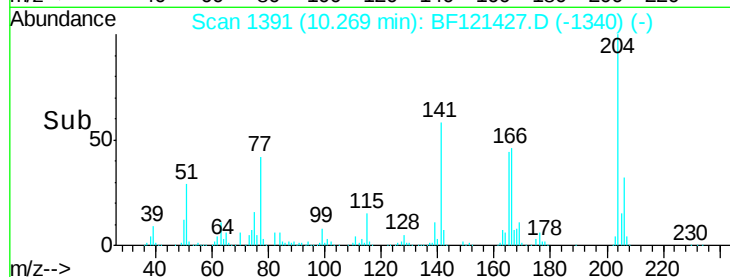
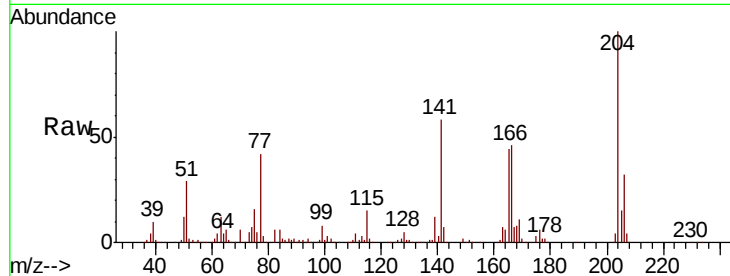
#61
 4-Chlorophenyl-phenylether
 Concen: 38.132 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF121427.D
 Acq: 25 Aug 2020 14:55

Instrument :
 BNA_F
 ClientSampled :
 RO-04MSD

Tot Ion:	204	Resp:	337693
Ion Ratio	Lower	Upper	
204	100		
206	32.5	25.9	38.9
141	58.1	45.5	68.3

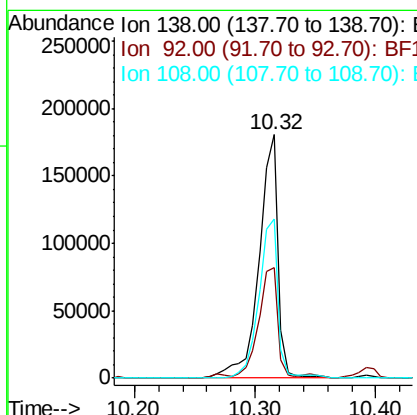
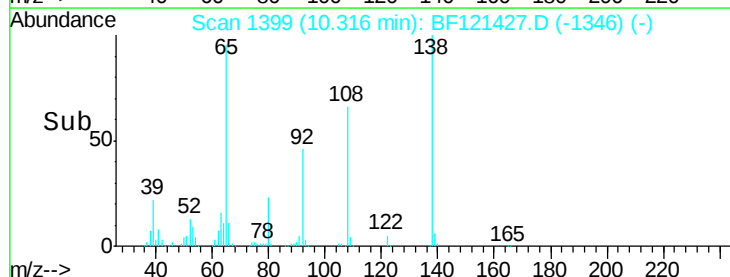
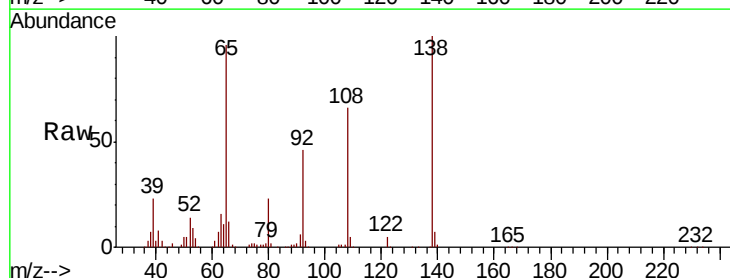
Manual Integrations
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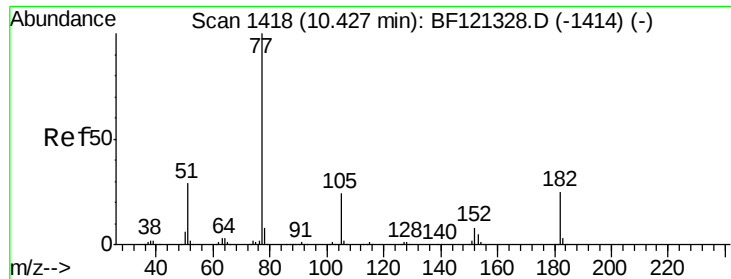
mohammad
 8/26/2020 4:00:39 PM



#62
 4-Nitroaniline
 Concen: 30.507 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF121427.D
 Acq: 25 Aug 2020 14:55

Tgt Ion:	138	Resp:	199230
Ion Ratio	Lower	Upper	
138	100		
92	45.6	28.1	68.1
108	65.6	49.5	89.5





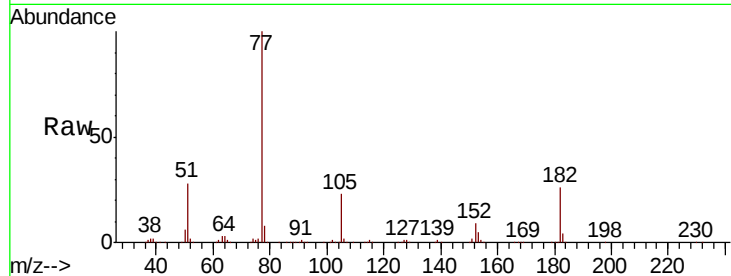
#63
Azobenzene
Concen: 34.259 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Instrument :
BNA_F
ClientSampleId :
RO-04MSD

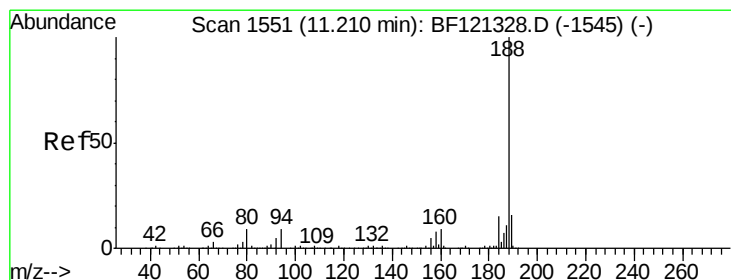
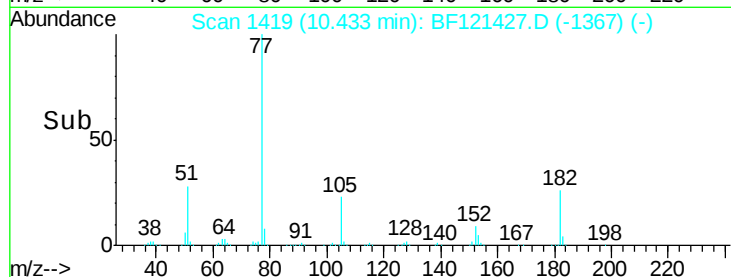
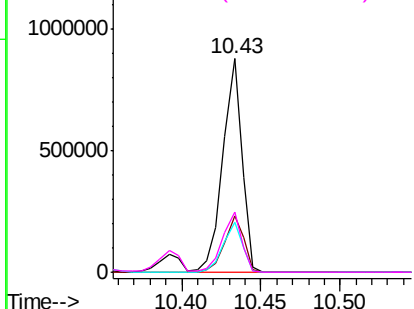
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.4	5.0	45.0
105	23.2	3.6	43.6
51	28.4	8.8	48.8

Manual Integrations
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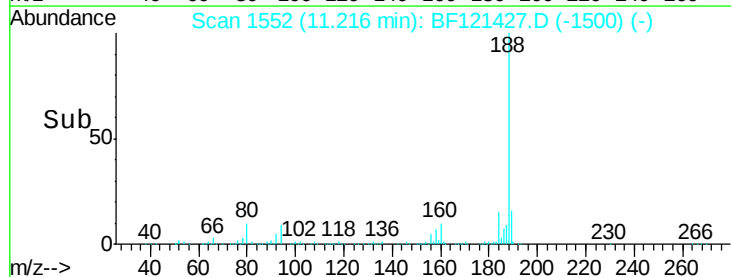
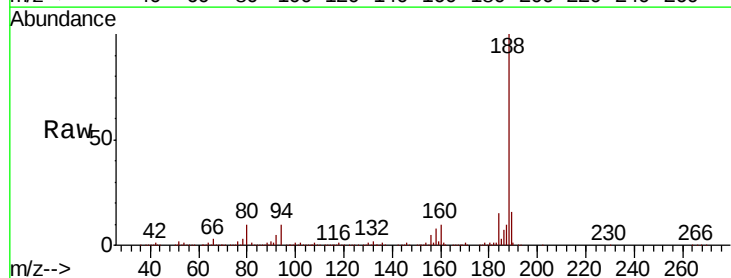
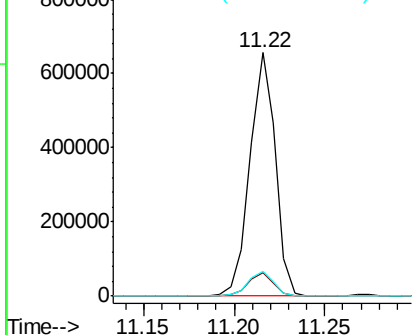
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

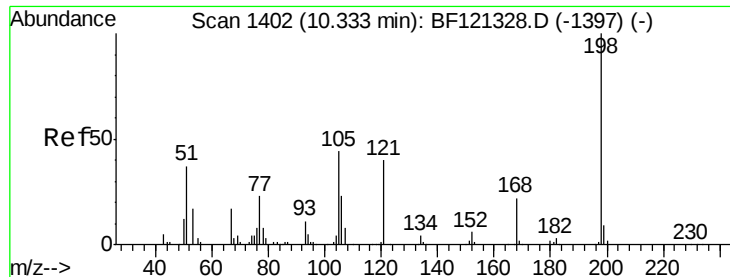


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	10.4	7.4	11.0

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





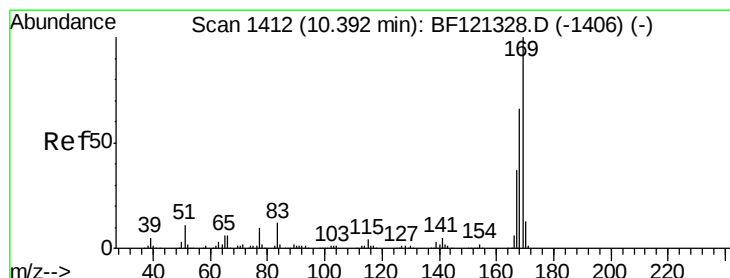
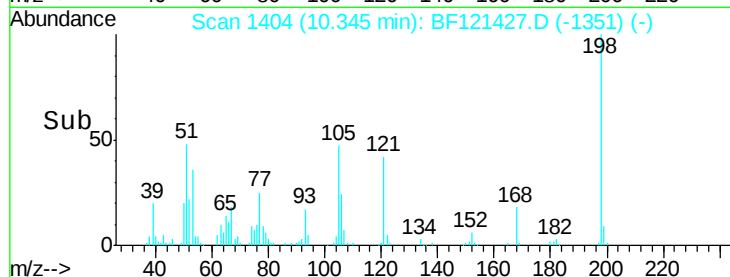
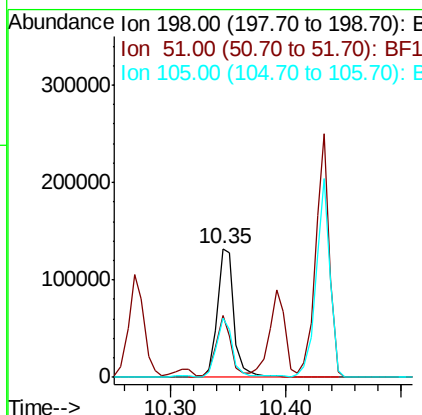
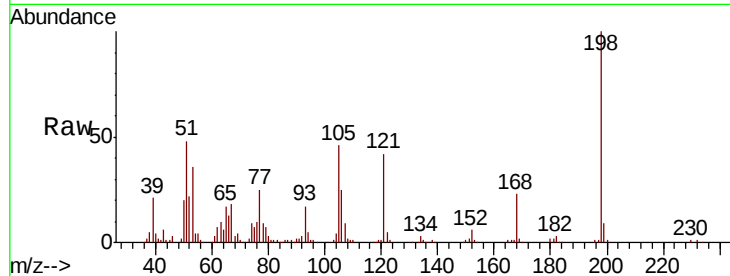
#65
4,6-Dinitro-2-methylphenol
Concen: 39.374 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Instrument :
BNA_F
ClientSampleId :
RO-04MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	47.9	25.5	65.5
105	46.2	24.9	64.9

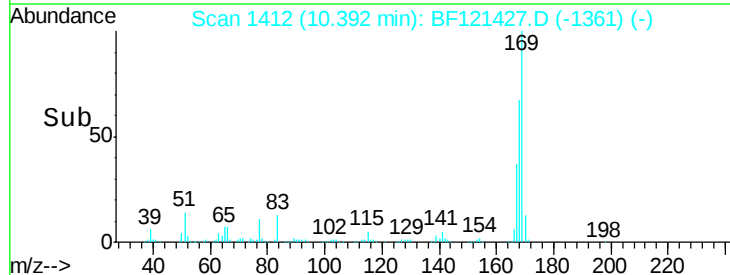
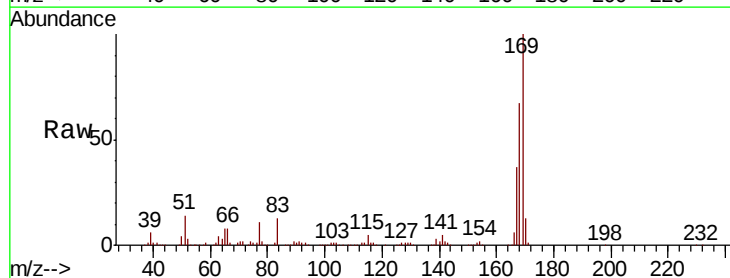
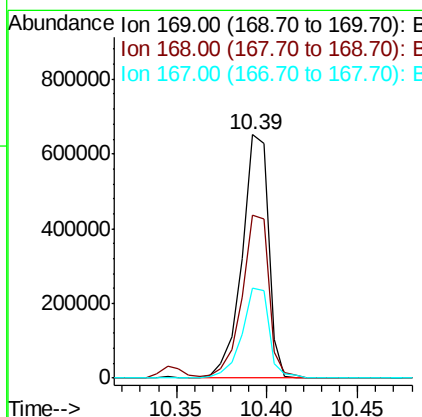
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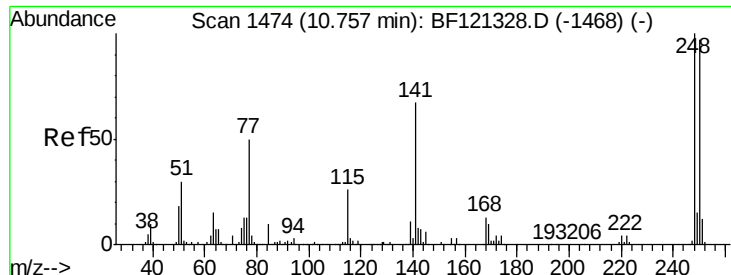
mohammad
8/26/2020 4:00:39 PM



#66
n-Nitrosodiphenylamine
Concen: 33.471 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.0	79.6
167	37.0	29.5	44.3





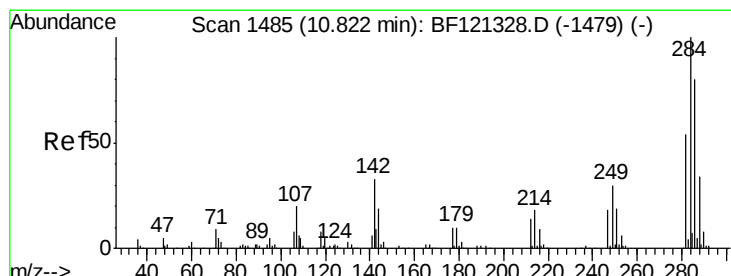
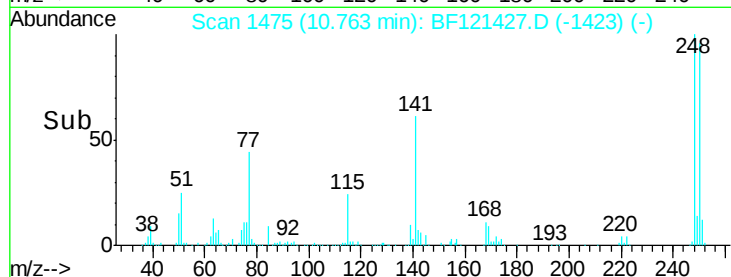
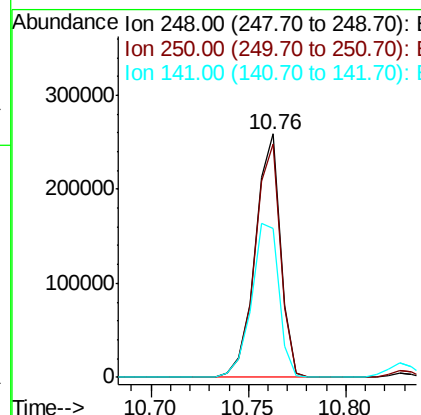
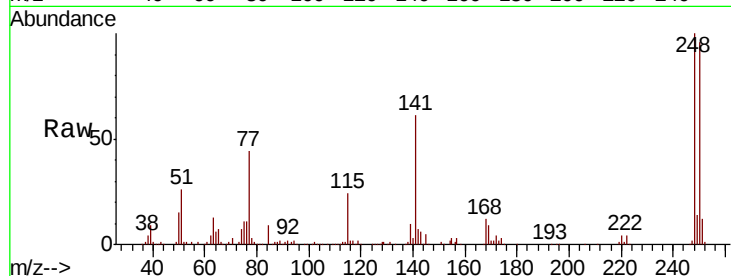
#67
 4-Bromophenyl-phenylether
 Concen: 32.715 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. 0.01 min
 Lab File: BF121427.D
 Acq: 25 Aug 2020 14:55

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MSD

Tot Ion:	248	Resp:	231733
Ion Ratio	Lower	Upper	
248	100		
250	96.0	77.9	116.9
141	61.1	53.5	80.3

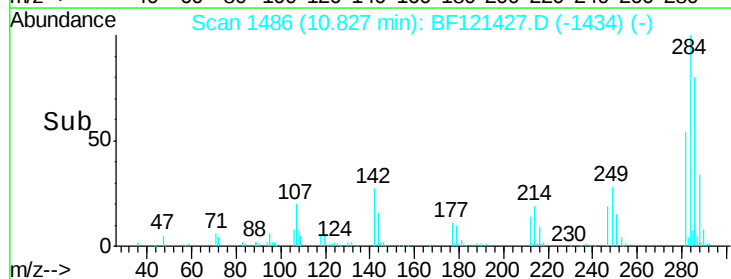
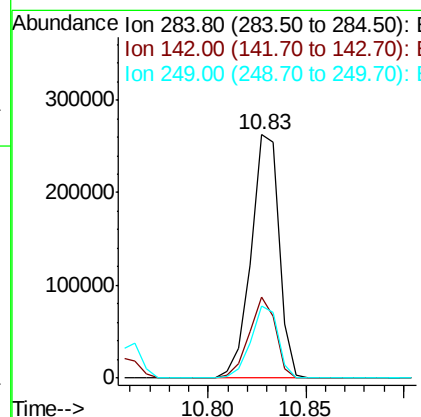
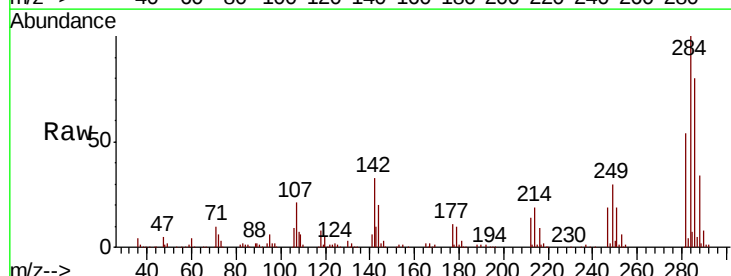
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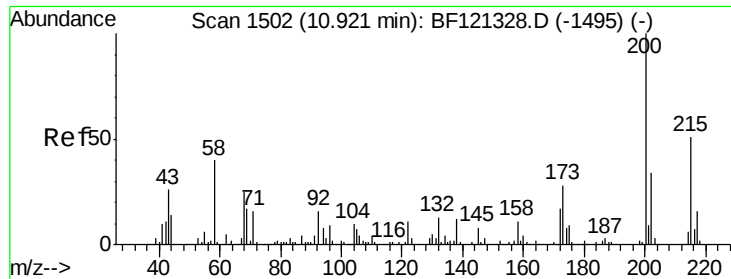
mohammad
 8/26/2020 4:00:39 PM



#68
 Hexachlorobenzene
 Concen: 32.147 ng
 RT: 10.83 min Scan# 1486
 Delta R.T. 0.01 min
 Lab File: BF121427.D
 Acq: 25 Aug 2020 14:55

Tgt Ion:	284	Resp:	262473
Ion Ratio	Lower	Upper	
284	100		
142	33.3	26.1	39.1
249	29.8	24.0	36.0





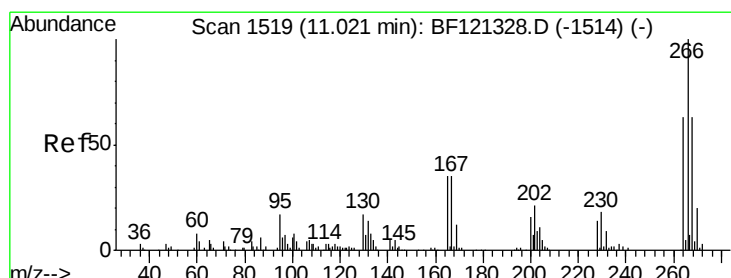
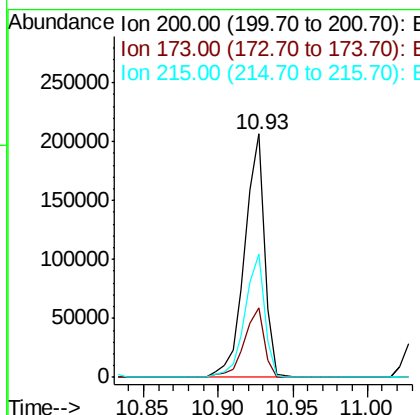
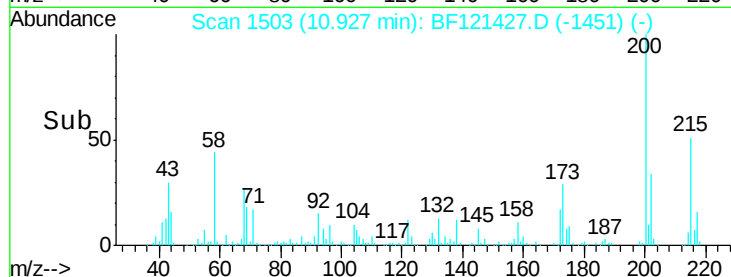
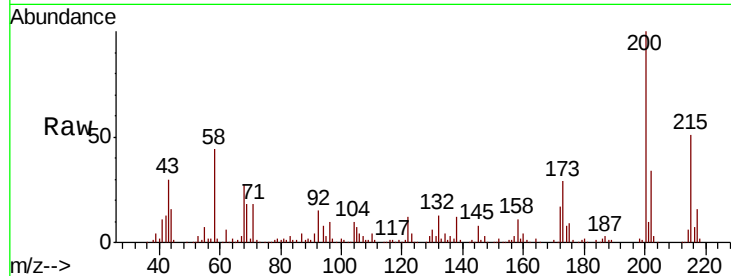
#69
Atrazine
Concen: 31.331 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Instrument :
BNA_F
ClientSampled :
RO-04MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.6	7.8	47.8
215	50.7	30.5	70.5

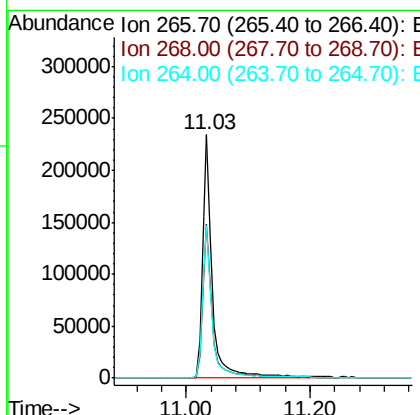
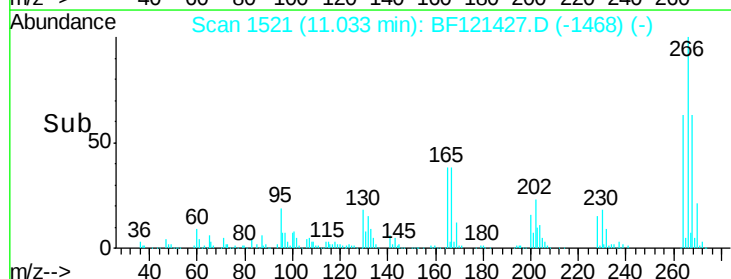
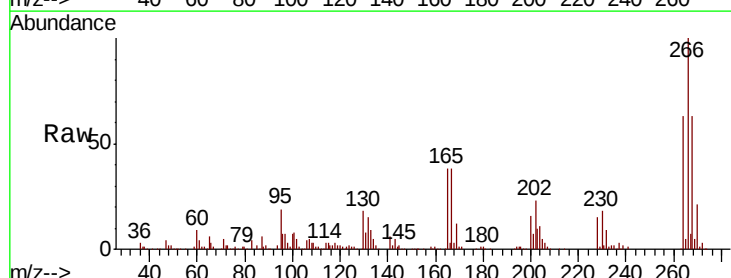
Manual Integrations
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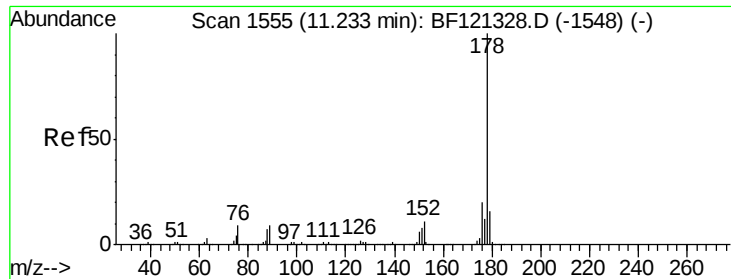
mohammad
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#70
Pentachlorophenol
Concen: 73.862 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	50.6	75.8
264	62.9	50.5	75.7





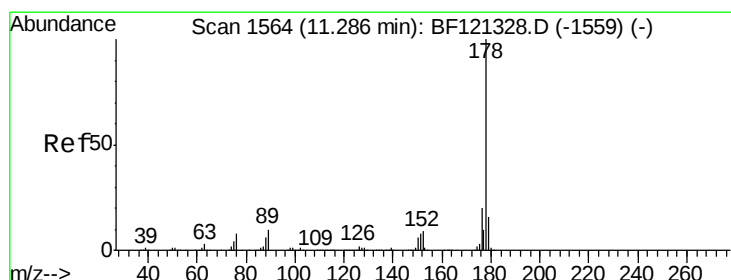
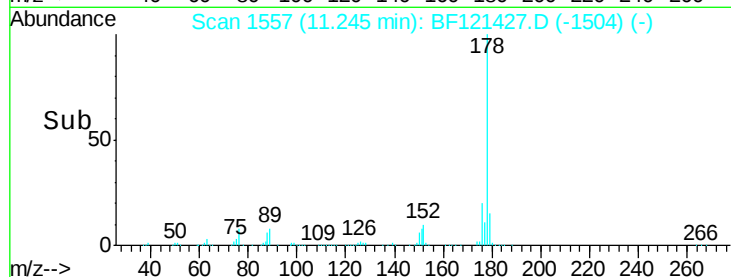
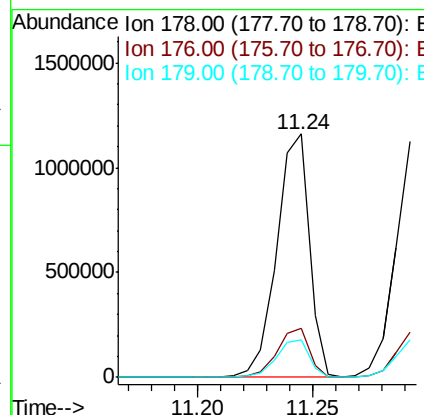
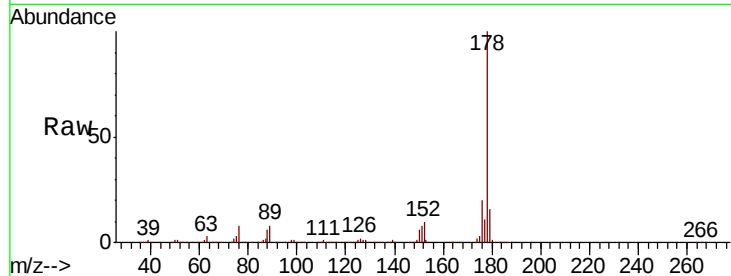
#71
Phenanthrene
Concen: 34.410 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Instrument :
BNA_F
ClientSampleId :
RO-04MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.0	24.0
179	15.6	12.8	19.2

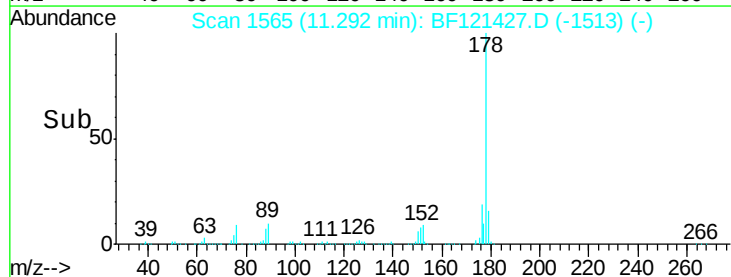
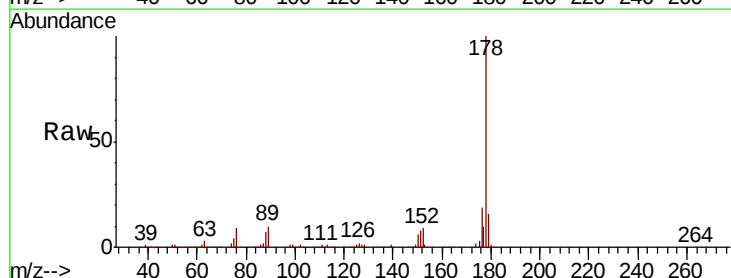
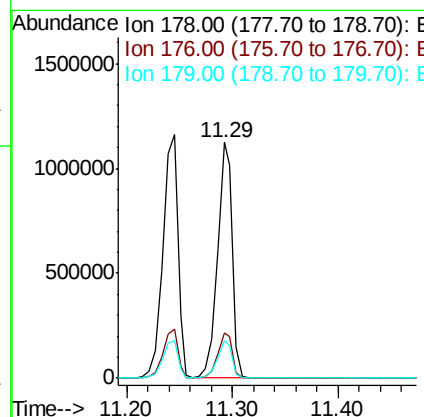
Manual Integrations
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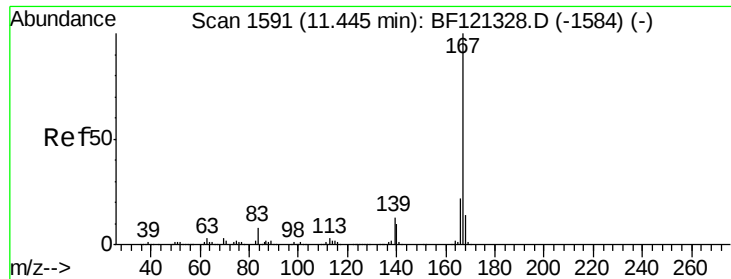
mohammad
8/26/2020 4:00:39 PM



#72
Anthracene
Concen: 35.215 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	16.1	12.8	19.2





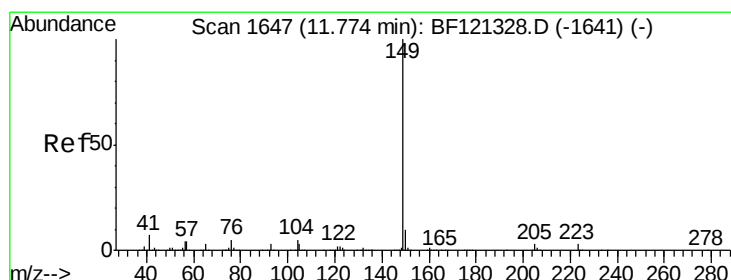
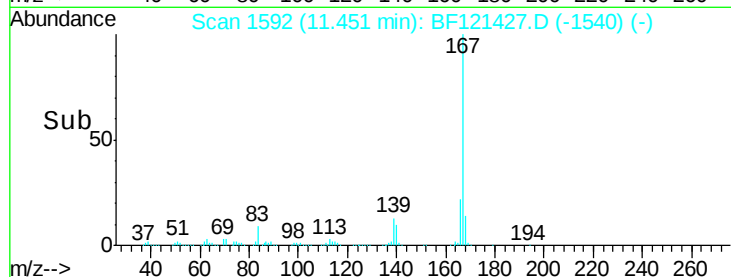
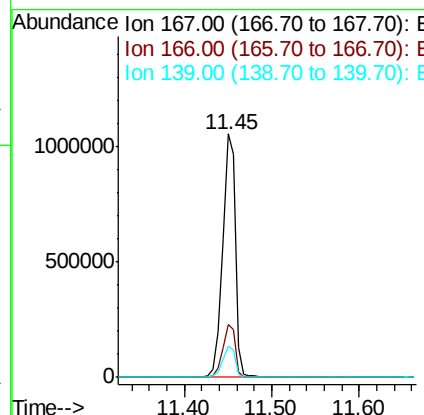
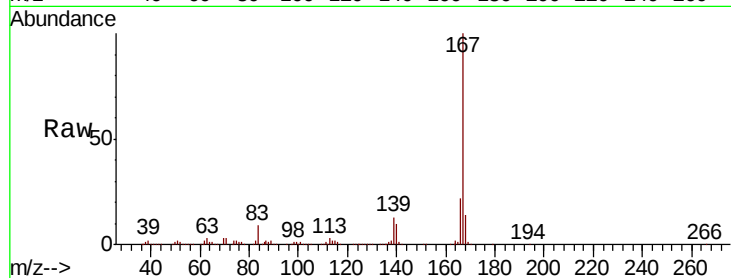
#73
 Carbazole
 Concen: 35.217 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BF121427.D
 Acq: 25 Aug 2020 14:55

Instrument :
 BNA_F
 ClientSampleId :
 RO-04MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.7	26.5
139	12.7	10.2	15.2

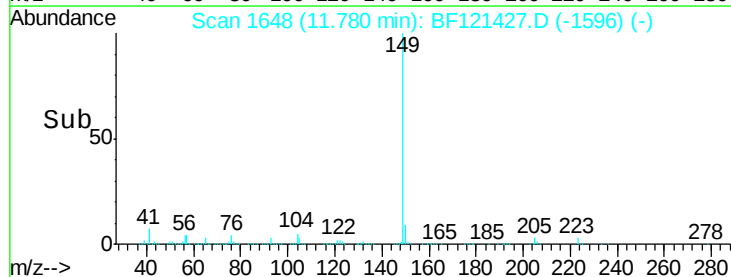
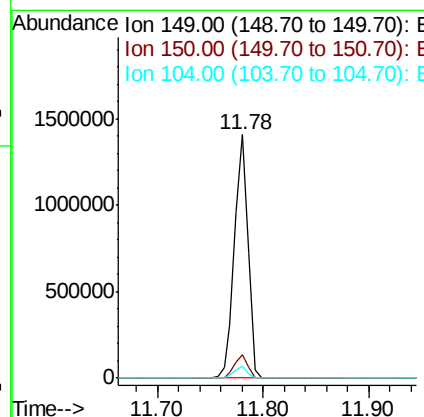
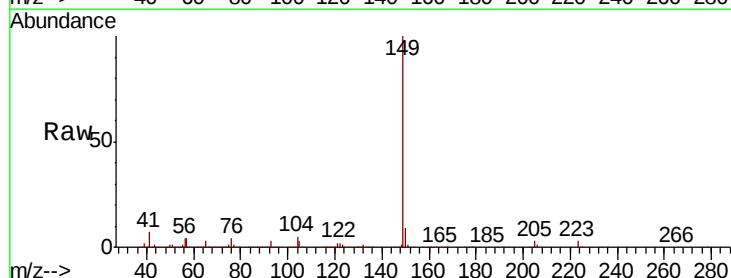
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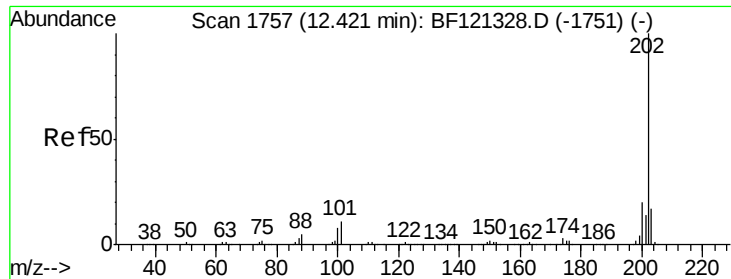
mohammad
 8/26/2020 4:00:39 PM



#74
 Di-n-butylphthalate
 Concen: 33.932 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. 0.01 min
 Lab File: BF121427.D
 Acq: 25 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.8	3.9	5.9





#75

Fluoranthene

Concen: 37.290 ng

RT: 12.43 min Scan# 1758

Delta R.T. 0.01 min

Lab File: BF121427.D

Acq: 25 Aug 2020 14:55

Instrument :

BNA_F

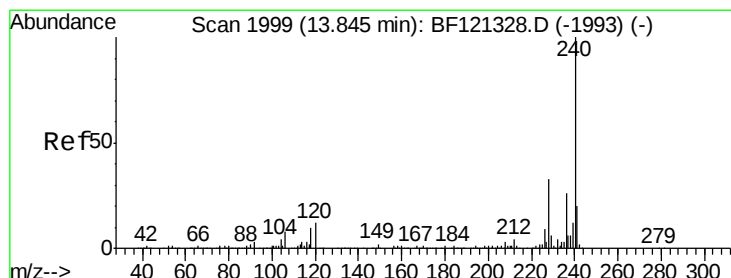
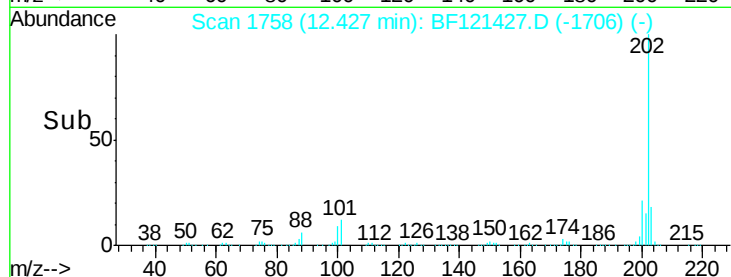
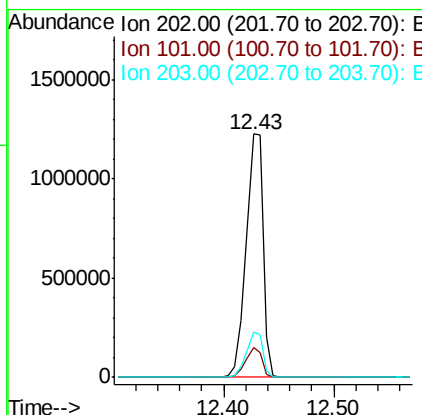
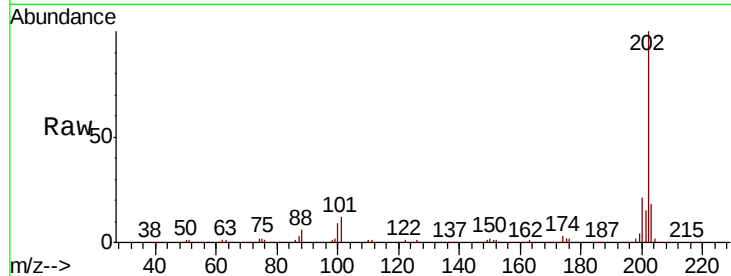
ClientSampleId :

RO-04MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	12.2	0.0	30.6		
203	18.4	0.0	37.5		

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#76

Chrysene-d12

Concen: 20.000 ng

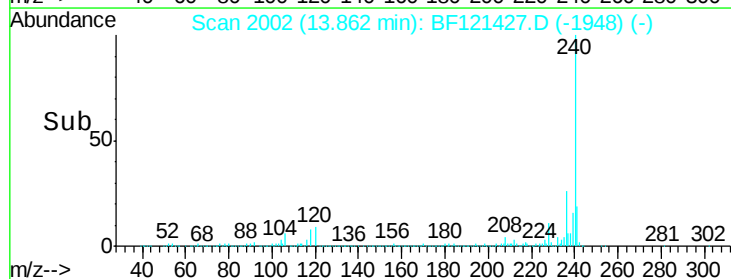
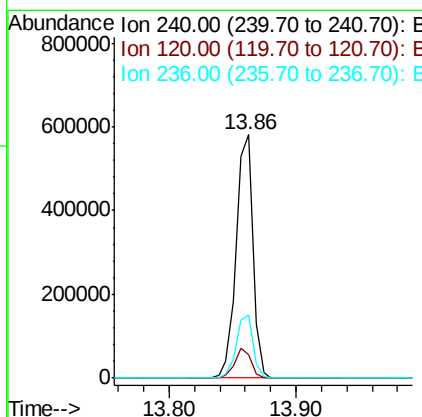
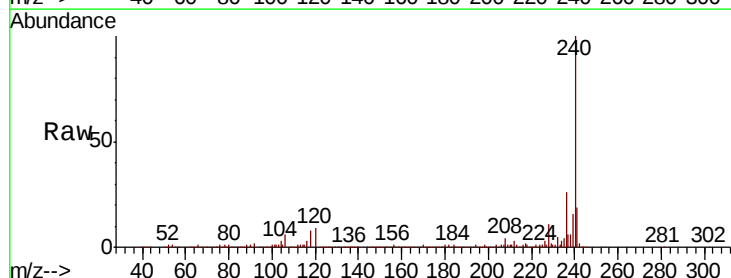
RT: 13.86 min Scan# 2002

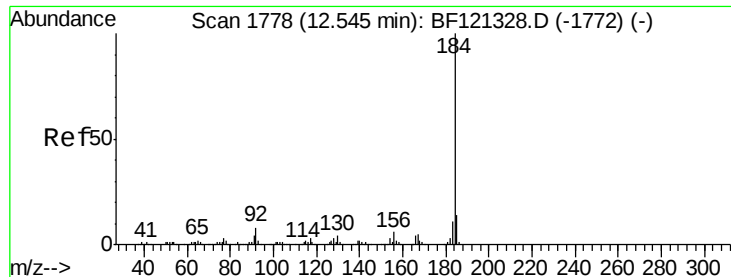
Delta R.T. 0.02 min

Lab File: BF121427.D

Acq: 25 Aug 2020 14:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	9.4	9.6	14.4#		
236	26.2	20.6	31.0		





#77

Benzidine

Concen: 45.072 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BF121427.D

Acq: 25 Aug 2020 14:55

Instrument :

BNA_F

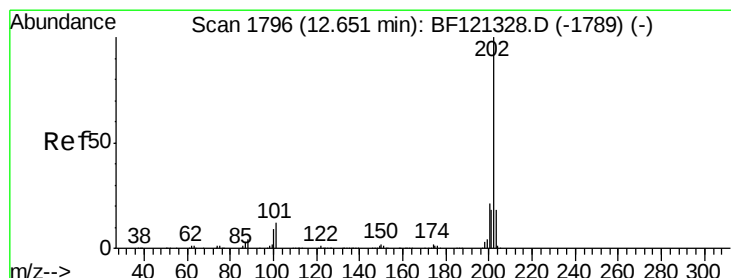
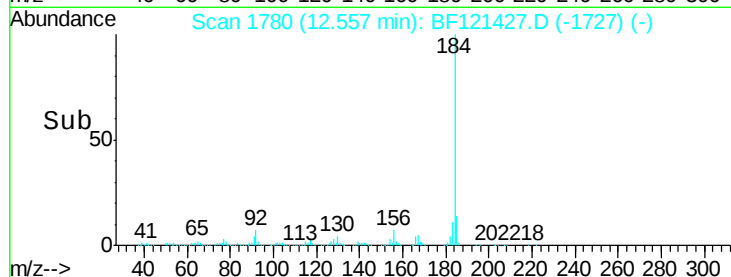
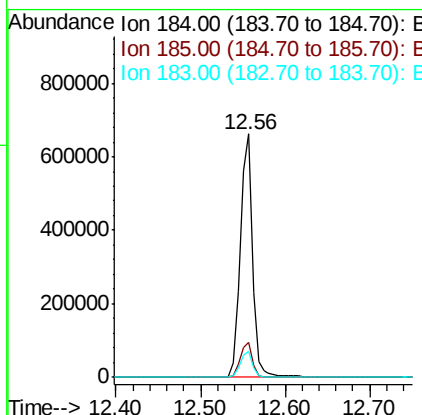
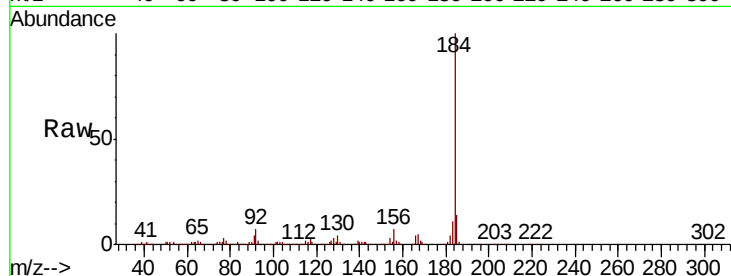
ClientSampleId :

RO-04MSD

Tot Ion:	184	Resp:	653036
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.6	17.4
183	10.9	8.7	13.1

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#78

Pyrene

Concen: 34.071 ng

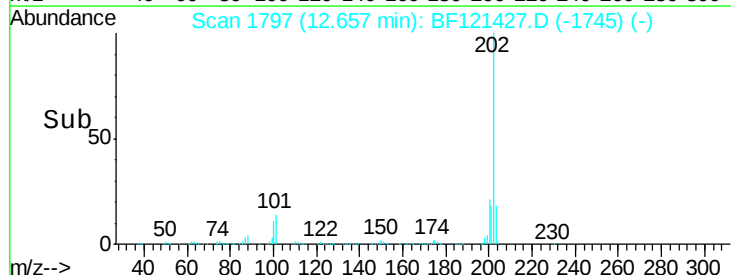
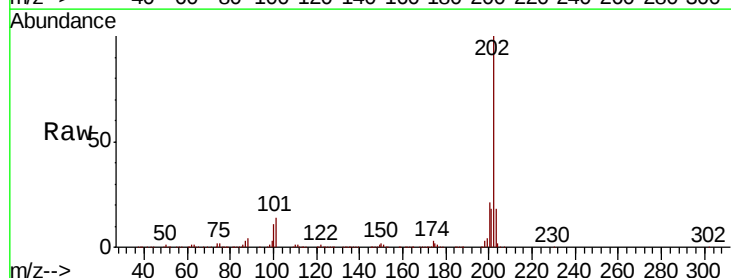
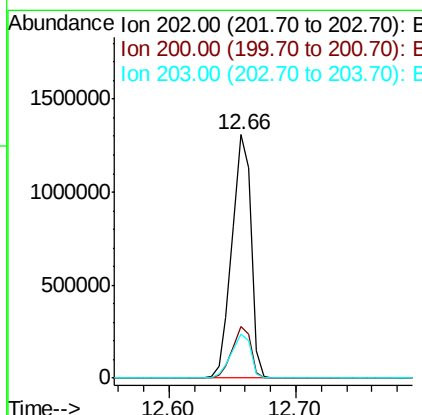
RT: 12.66 min Scan# 1797

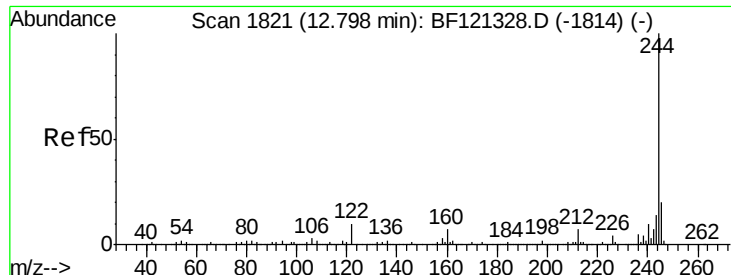
Delta R.T. 0.01 min

Lab File: BF121427.D

Acq: 25 Aug 2020 14:55

Tgt Ion:	202	Resp:	1345953
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.6	24.8
203	18.2	14.2	21.2





#79

Terphenyl-d14

Concen: 41.331 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF121427.D

Acq: 25 Aug 2020 14:55

Instrument :

BNA_F

ClientSampleId :

RO-04MSD

Tot Ion:244 Resp: 1112295

Ion Ratio Lower Upper

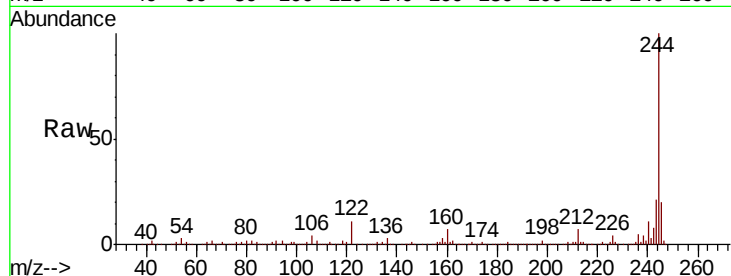
244 100

212 7.0 5.4 8.0

122 11.2 7.8 11.8

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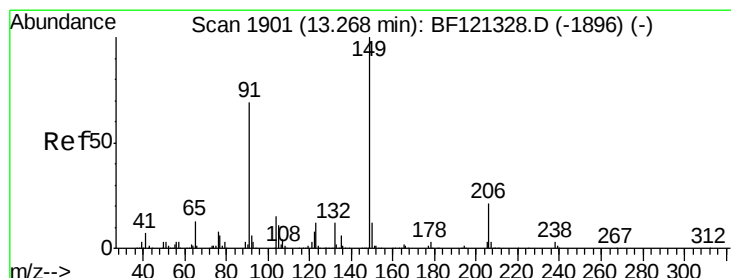
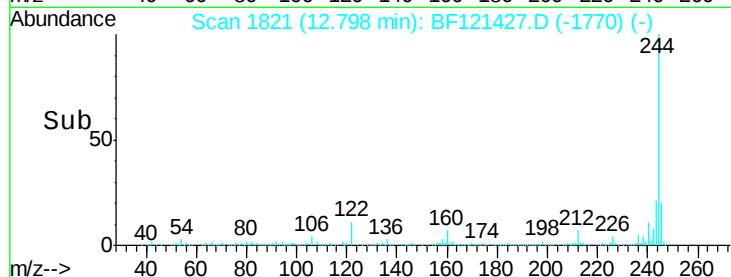
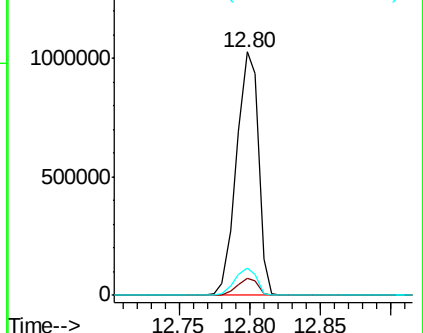
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 32.822 ng

RT: 13.27 min Scan# 1902

Delta R.T. 0.01 min

Lab File: BF121427.D

Acq: 25 Aug 2020 14:55

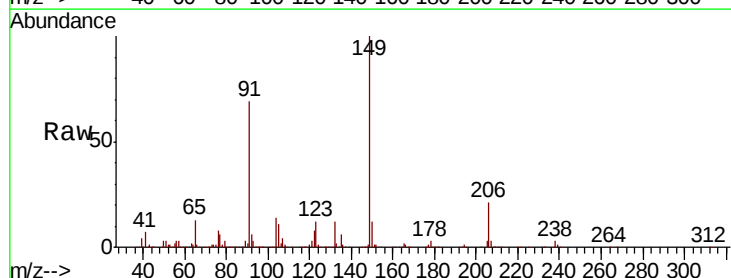
Tgt Ion:149 Resp: 557132

Ion Ratio Lower Upper

149 100

91 68.8 55.2 82.8

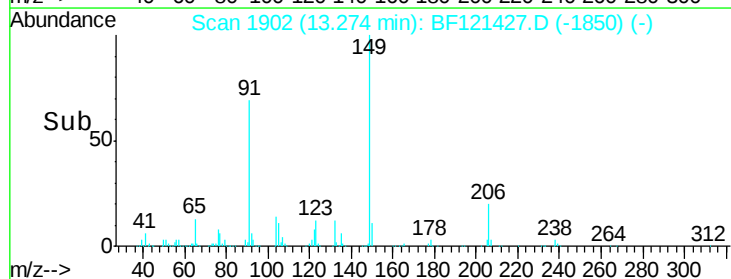
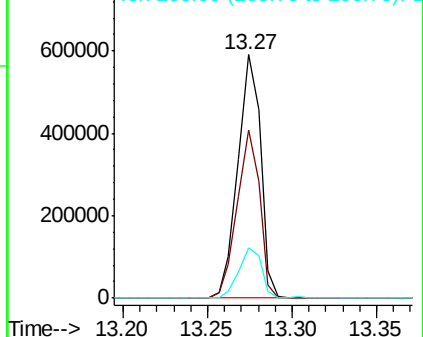
206 20.5 16.8 25.2

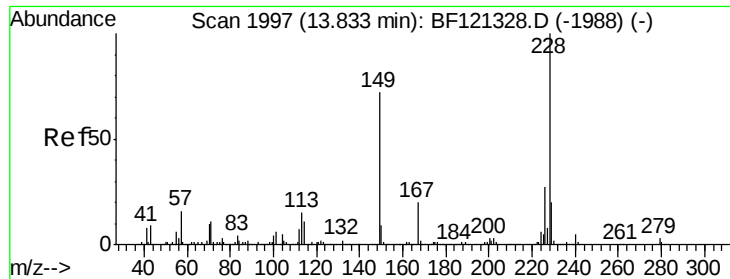


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.928 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.02 min

Lab File: BF121427.D

Acq: 25 Aug 2020 14:55

Instrument :

BNA_F

ClientSampleId :

RO-04MSD

Tot Ion:228 Resp: 1140883

Ion Ratio Lower Upper

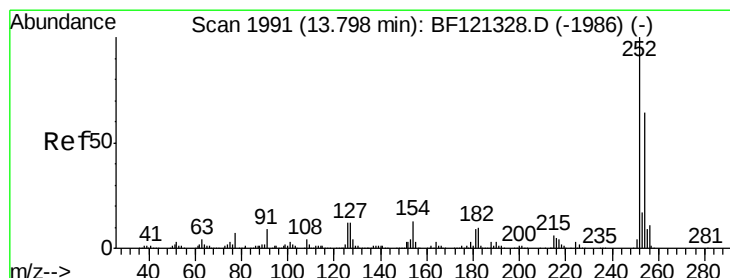
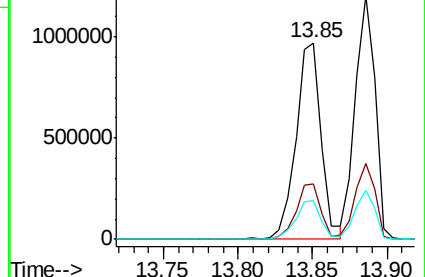
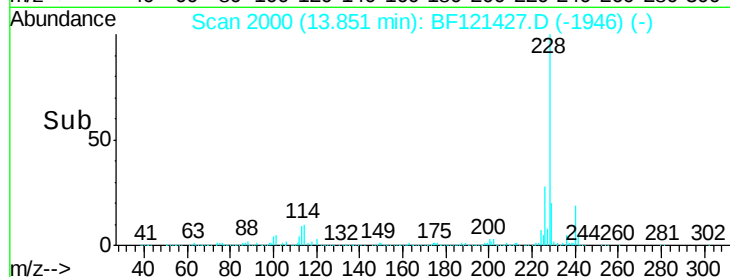
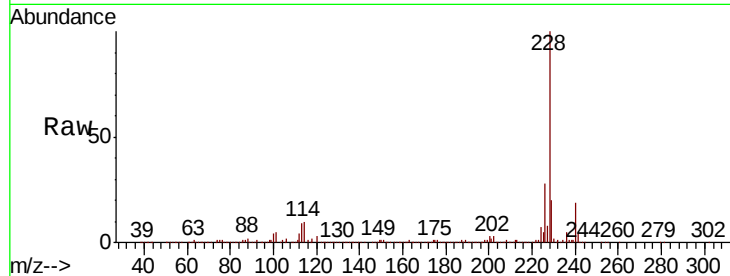
228 100

226 28.1 21.8 32.6

229 20.0 15.8 23.8

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#82

3,3'-Dichlorobenzidine

Concen: 27.851 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.01 min

Lab File: BF121427.D

Acq: 25 Aug 2020 14:55

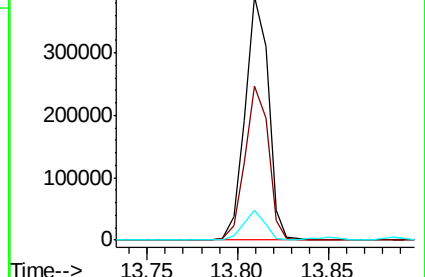
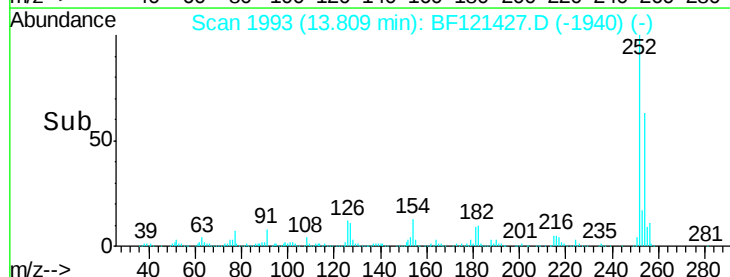
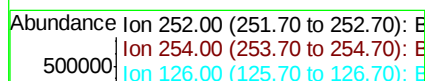
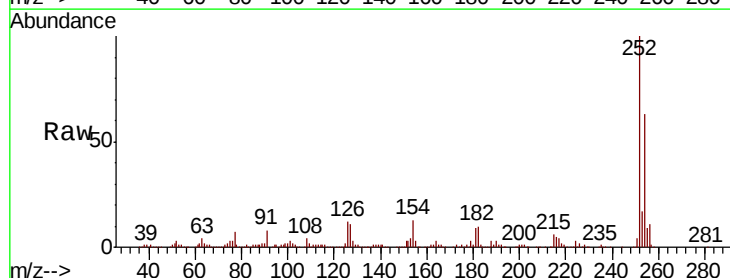
Tgt Ion:252 Resp: 349290

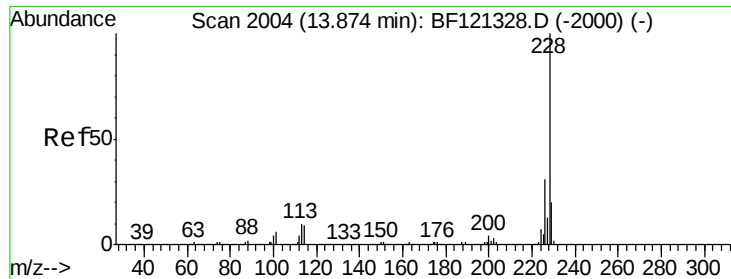
Ion Ratio Lower Upper

252 100

254 63.1 51.5 77.3

126 12.1 9.8 14.8





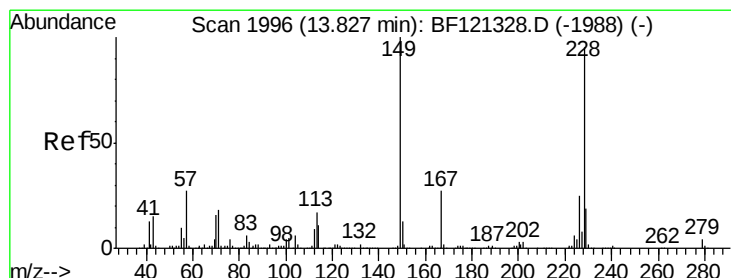
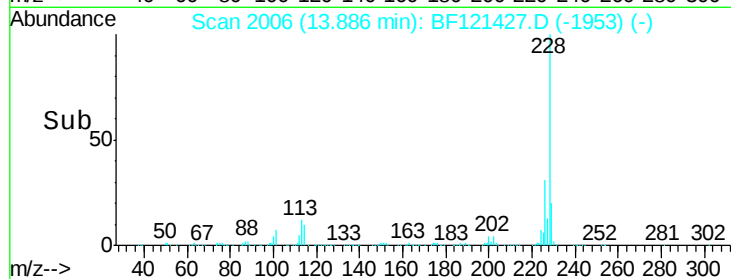
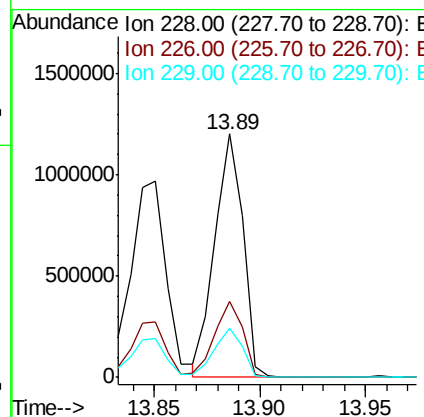
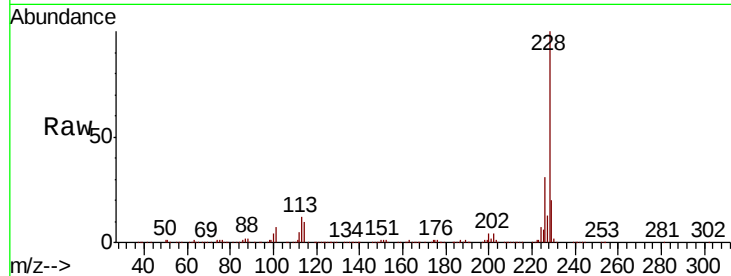
#83
Chrysene
Concen: 33.447 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Instrument :
BNA_F
ClientSampleId :
RO-04MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.6	36.8
229	20.1	15.9	23.9

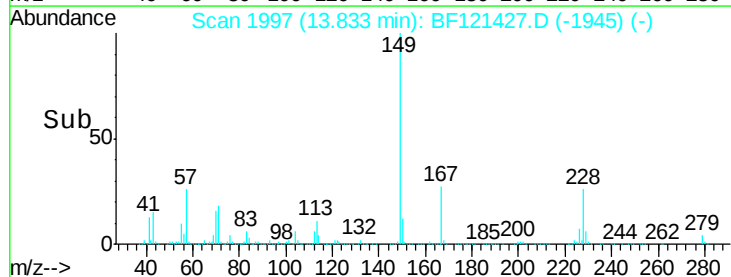
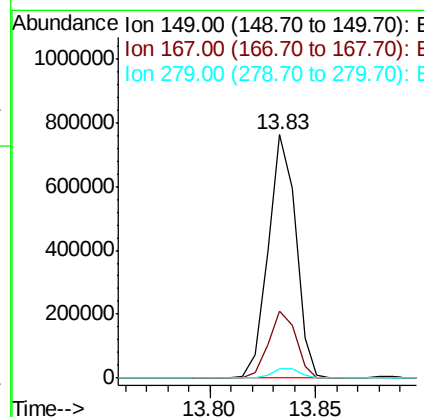
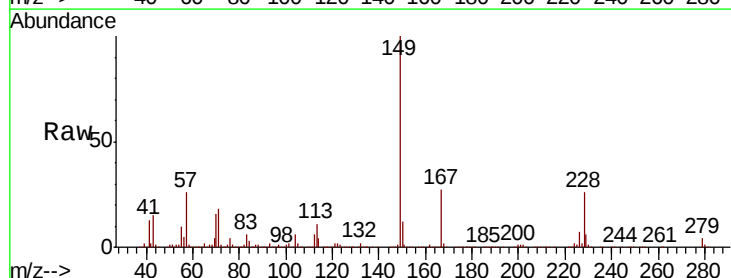
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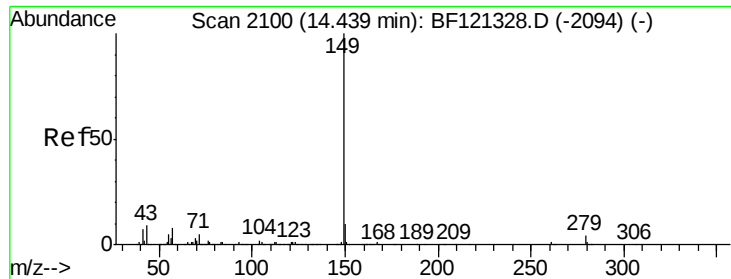
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 34.942 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.5	32.3
279	4.0	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 35.472 ng

RT: 14.44 min Scan# 2101

Delta R.T. 0.01 min

Lab File: BF121427.D

Acq: 25 Aug 2020 14:55

Instrument :

BNA_F

ClientSampleId :

RO-04MSD

Tot Ion:149 Resp: 1310425

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

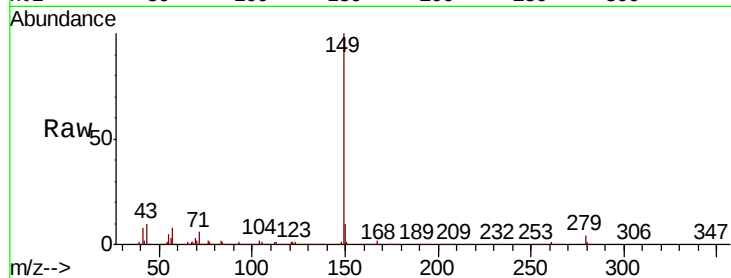
43 9.0 7.1 10.7

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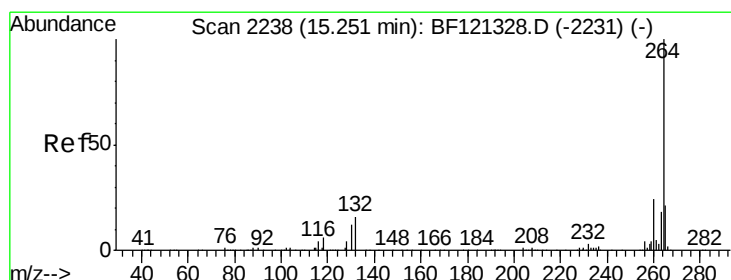
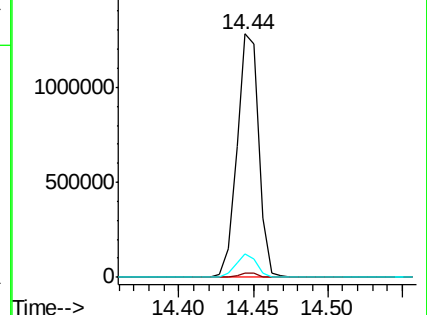
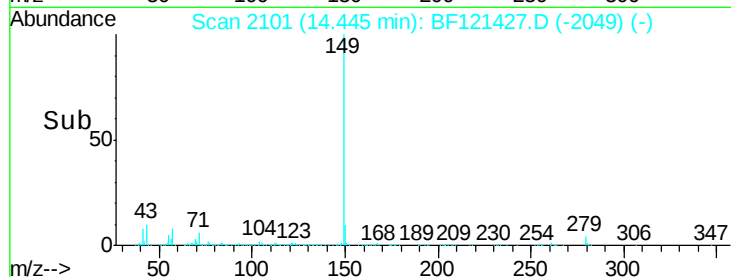
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Abundance Ion 149.00 (148.70 to 149.70): E

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: BF121427.D

Acq: 25 Aug 2020 14:55

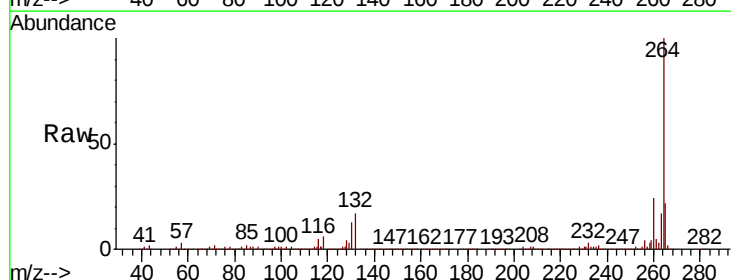
Tgt Ion:264 Resp: 609377

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

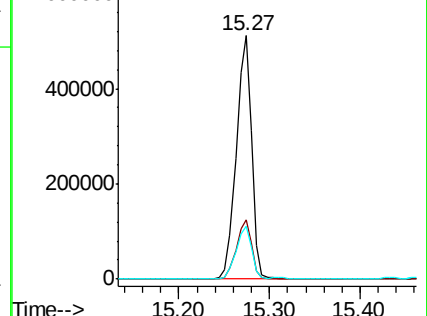
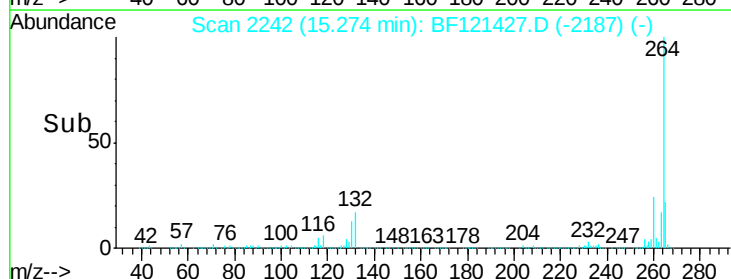
265 21.9 17.1 25.7

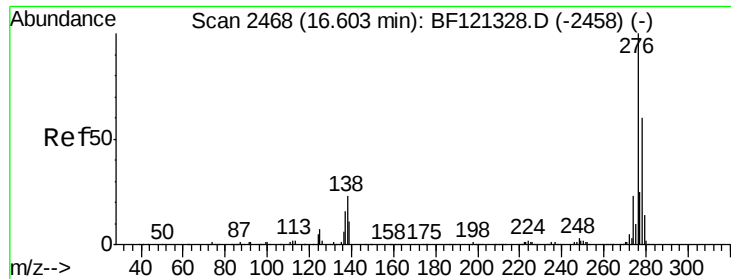


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





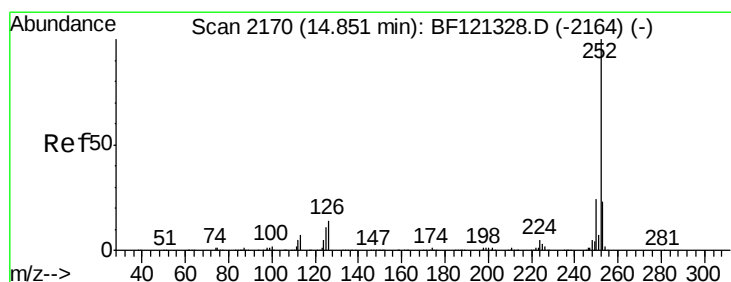
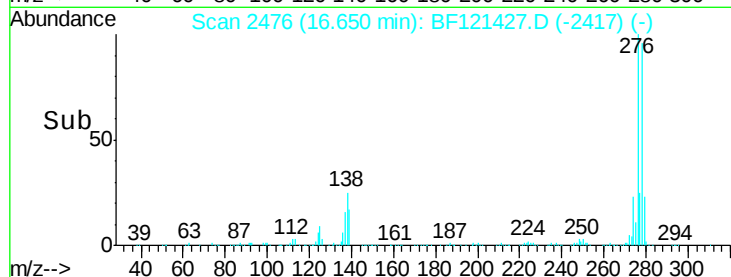
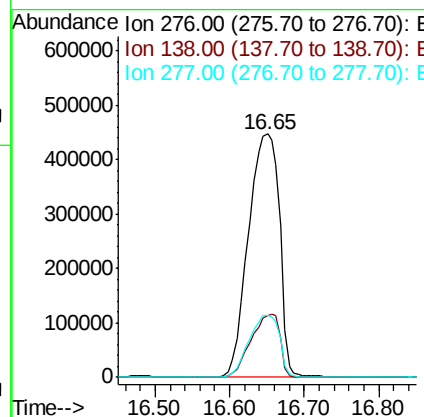
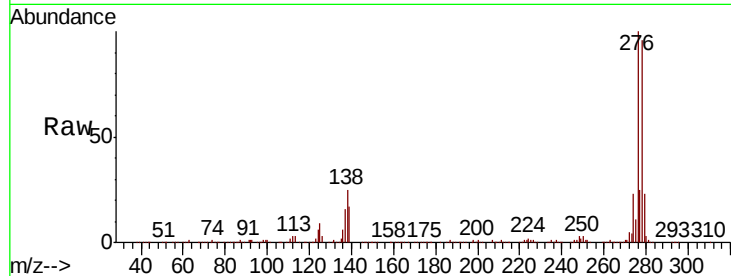
#87
Indeno(1,2,3-cd)pyrene
Concen: 34.854 ng
RT: 16.65 min Scan# 2476
Delta R.T. 0.05 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Instrument :
BNA_F
ClientSampleId :
RO-04MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.4	29.0
277	25.0	19.9	29.9

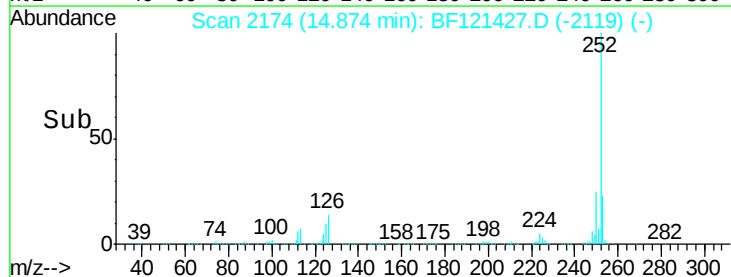
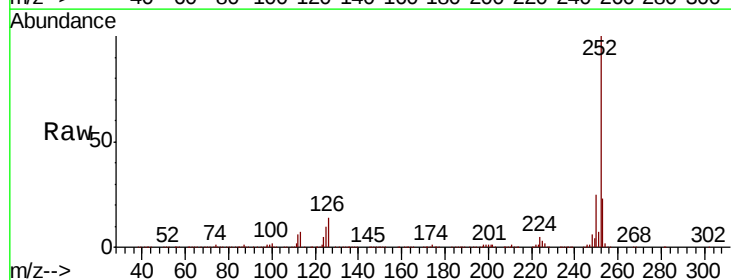
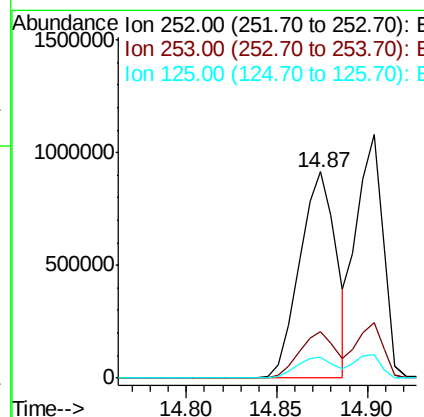
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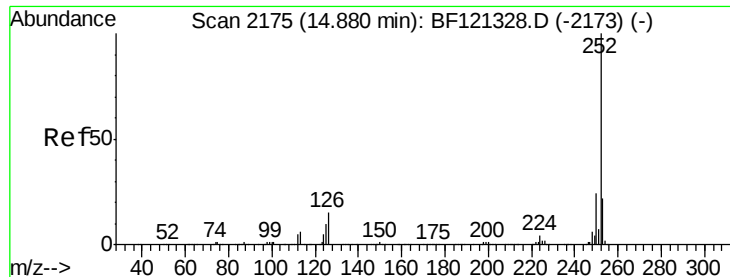
mohammad
8/26/2020 4:00:39 PM



#88
Benzo(b)fluoranthene
Concen: 32.641 ng
RT: 14.87 min Scan# 2174
Delta R.T. 0.02 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	10.4	8.6	12.8





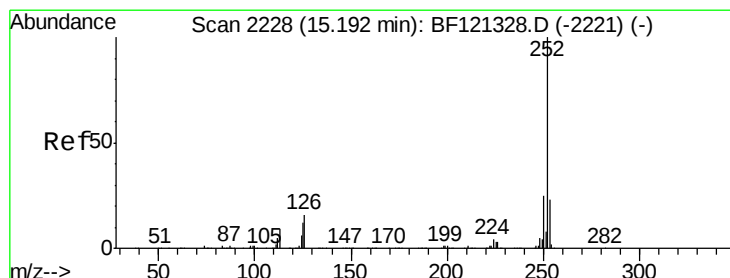
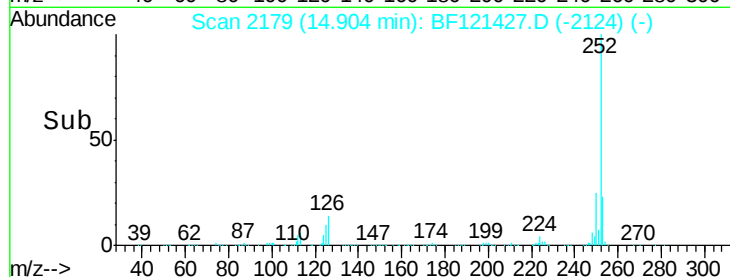
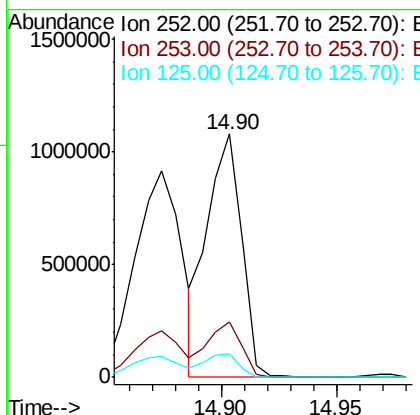
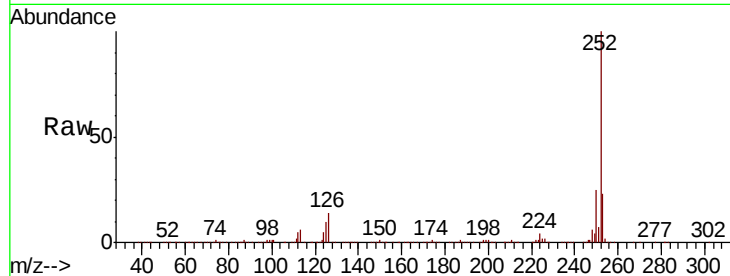
#89
Benzo(k)fluoranthene
Concen: 32.049 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.02 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Instrument :
BNA_F
ClientSampleId :
RO-04MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	9.9	8.6	12.8

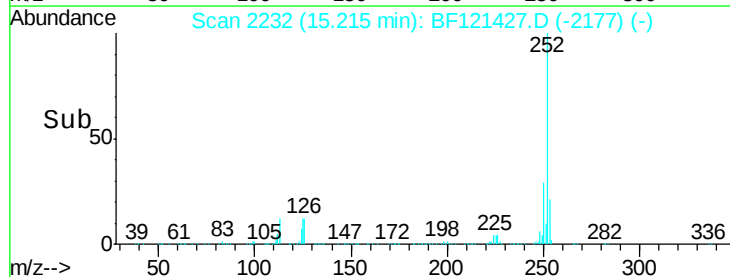
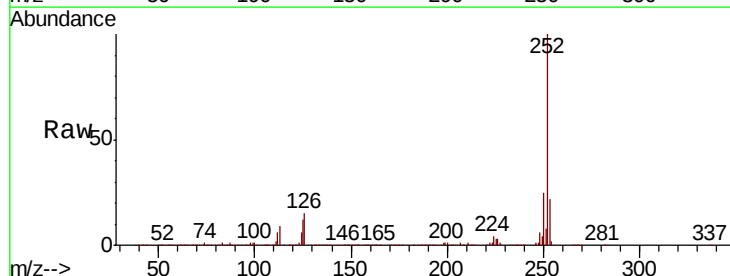
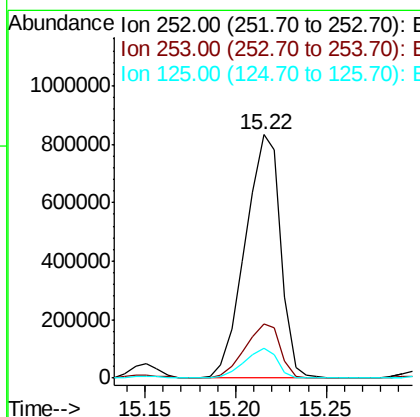
Manual Integrations
APPROVED

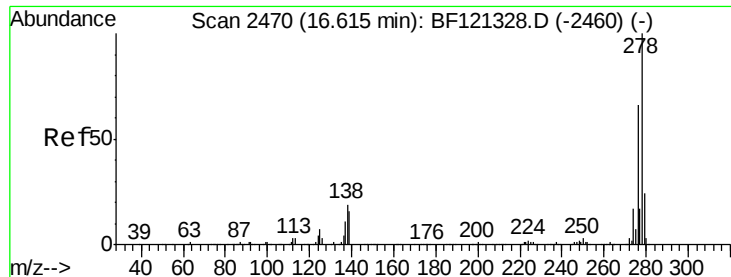
mohammad
8/26/2020 4:00:39 PM



#90
Benzo(a)pyrene
Concen: 33.156 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.02 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	12.0	9.4	14.0





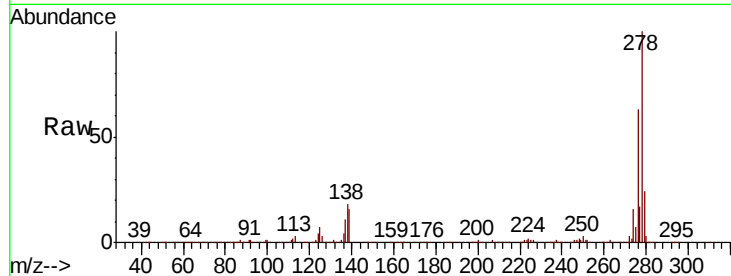
#91
Dibenzo(a,h)anthracene
Concen: 34.161 ng
RT: 16.66 min Scan# 2478
Delta R.T. 0.05 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Instrument :
BNA_F
ClientSampleId :
RO-04MSD

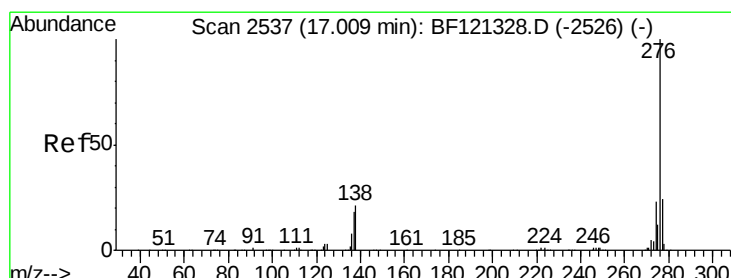
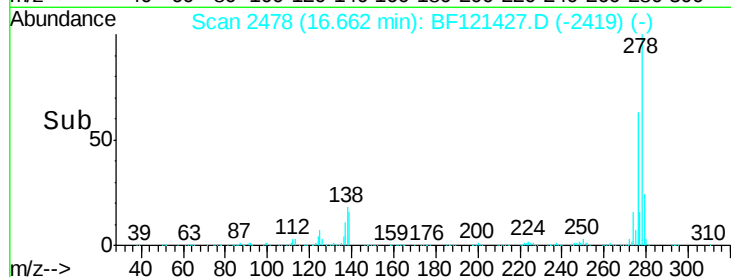
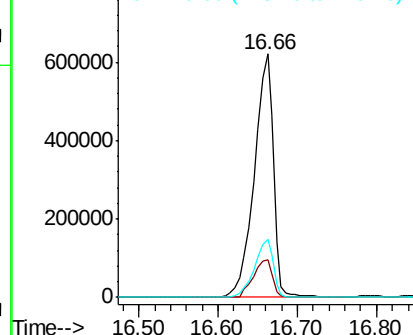
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.1	19.7
279	23.8	19.4	29.2

Manual Integrations
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8/26/2020 4:00:39 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: 36.960 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.05 min
Lab File: BF121427.D
Acq: 25 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	20.9	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

