

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121406.D
 Acq On : 24 Aug 2020 18:53
 Operator : JU/CG
 Sample : L3773-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMPMSD

Manual Integrations
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 8/25/2020 4:19:14 PM

Quant Time: Aug 25 09:45:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	132540	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	450195	20.00	ng	0.01
39) Acenaphthene-d10	9.75	164	218866	20.00	ng	0.02
64) Phenanthrene-d10	11.23	188	416350	20.00	ng	0.02
76) Chrysene-d12	13.86	240	309712	20.00	ng	0.02
86) Perylene-d12	15.27	264	333778	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	811969	100.45	ng	0.02
7) Phenol-d6	6.35	99	965671	93.58	ng	0.00
23) Nitrobenzene-d5	7.27	82	664546	83.48	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	234300	91.87	ng	0.02
45) 2-Fluorobiphenyl	9.06	172	1069448	95.38	ng	0.01
79) Terphenyl-d14	12.81	244	1057634	66.73	ng	0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.38	88	159019	43.475	ng	100
3) Pyridine	3.08	79	381119	38.823	ng	99
4) n-Nitrosodimethylamine	3.03	42	191256	47.865	ng	99
6) Aniline	6.36	93	397314	33.346	ng	# 65
8) 2-Chlorophenol	6.49	128	417690	49.441	ng	99
9) Benzaldehyde	6.25	77	246263	42.423	ng	97
10) Phenol	6.36	94	468253	43.279	ng	95
11) bis(2-Chloroethyl)ether	6.44	93	393074	47.172	ng	96
12) 1,3-Dichlorobenzene	6.64	146	418487	44.214	ng	99
13) 1,4-Dichlorobenzene	6.72	146	419734	43.928	ng	99
14) 1,2-Dichlorobenzene	6.87	146	399673	43.922	ng	98
15) Benzyl Alcohol	6.85	79	328543	52.918	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	520285	42.406	ng	89
17) 2-Methylphenol	6.97	107	317744	45.583	ng	95
18) Hexachloroethane	7.20	117	155995	43.846	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	252235	45.452	ng	99
20) 3+4-Methylphenols	7.12	107	381180	57.434	ng	94
22) Acetophenone	7.11	105	520099	49.415	ng	95
24) Nitrobenzene	7.29	77	401584	49.499	ng	99
25) Isophorone	7.53	82	771611	53.265	ng	# 98
26) 2-Nitrophenol	7.60	139	212579	51.090	ng	96
27) 2,4-Dimethylphenol	7.65	122	347580	58.543	ng	97
28) bis(2-Chloroethoxy)methane	7.74	93	455248	46.166	ng	95
29) 2,4-Dichlorophenol	7.85	162	334333	51.577	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	345831	46.654	ng	99
31) Naphthalene	8.01	128	1074448	47.954	ng	99
32) Benzoic acid	7.76	122	21409m	10.999	ng	
33) 4-Chloroaniline	8.06	127	331943	33.457	ng	96
34) Hexachlorobutadiene	8.12	225	202569	46.177	ng	99
35) Caprolactam	8.44	113	138873m	65.414	ng	
36) 4-Chloro-3-methylphenol	8.56	107	320841	48.938	ng	99
37) 2-Methylnaphthalene	8.70	142	690049	47.516	ng	99
38) 1-Methylnaphthalene	8.80	142	617478	44.717	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	293468	45.177	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	167782	66.359	nq	99
43) 2,4,6-Trichlorophenol	8.99	196	193273	43.521	nq	99
44) 2,4,5-Trichlorophenol	9.03	196	213310	46.687	nq	# 93
46) 1,1'-Biphenyl	9.16	154	625082	38.105	nq	100
47) 2-Chloronaphthalene	9.19	162	554441	41.025	nq	99
48) 2-Nitroaniline	9.29	65	211037	49.595	nq	96
49) Acenaphthylene	9.60	152	951203	47.385	nq	99
50) Dimethylphthalate	9.47	163	635835	39.932	nq	99
51) 2,6-Dinitrotoluene	9.53	165	154715	45.496	nq	92
52) Acenaphthene	9.78	154	529640	43.424	nq	98
53) 3-Nitroaniline	9.70	138	153801	36.154	nq	# 90
54) 2,4-Dinitrophenol	9.82	184	11998	7.318	nq	# 55
55) Dibenzofuran	9.95	168	771147	50.153	nq	99
56) 4-Nitrophenol	9.88	139	220683	84.116	nq	92
57) 2,4-Dinitrotoluene	9.94	165	174361	42.029	nq	93
58) Fluorene	10.29	166	575311	51.075	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	145990	37.378	nq	# 70
60) Diethylphthalate	10.17	149	622688	40.047	nq	100
61) 4-Chlorophenyl-phenylether	10.28	204	285518	50.259	nq	92
62) 4-Nitroaniline	10.32	138	175126	40.177	nq	94
63) Azobenzene	10.45	77	609401	42.197	nq	98
65) 4,6-Dinitro-2-methylphenol	10.36	198	19823	8.903	nq	# 32
66) n-Nitrosodiphenylamine	10.40	169	463684	36.105	nq	99
67) 4-Bromophenyl-phenylether	10.77	248	196928	42.640	nq	# 93
68) Hexachlorobenzene	10.85	284	212166	39.854	nq	98
69) Atrazine	10.93	200	186939	46.989	nq	98
70) Pentachlorophenol	11.04	266	98757	41.694	nq	99
71) Phenanthrene	11.25	178	894107	41.493	nq	99
72) Anthracene	11.30	178	901866	43.462	nq	100
73) Carbazole	11.46	167	861441	43.499	nq	99
74) Di-n-butylphthalate	11.79	149	989849	41.451	nq	99
75) Fluoranthene	12.44	202	1039631	44.450	nq	98
77) Benzidine	12.56	184	650341	76.217	nq	98
78) Pyrene	12.67	202	1050926	45.173	nq	99
80) Butylbenzylphthalate	13.28	149	488044	48.821	nq	100
81) Benzo(a)anthracene	13.85	228	849488	44.160	nq	99
82) 3,3'-Dichlorobenzidine	13.81	252	159624	21.612	nq	98
83) Chrysene	13.89	228	860062	43.715	nq	100
84) Bis(2-ethylhexyl)phthalate	13.84	149	606859	51.621	nq	# 99
85) Di-n-octyl phthalate	14.45	149	1001263	46.022	nq	100
87) Indeno(1,2,3-cd)pyrene	16.65	276	1026877	50.400	nq	100
88) Benzo(b)fluoranthene	14.87	252	835065	38.726	nq	99
89) Benzo(k)fluoranthene	14.90	252	778525	41.015	nq	99
90) Benzo(a)pyrene	15.22	252	744957	39.983	nq	98
91) Dibenzo(a,h)anthracene	16.66	278	833299	49.882	nq	99
92) Benzo(g,h,i)perylene	17.07	276	893775	54.727	nq	99

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

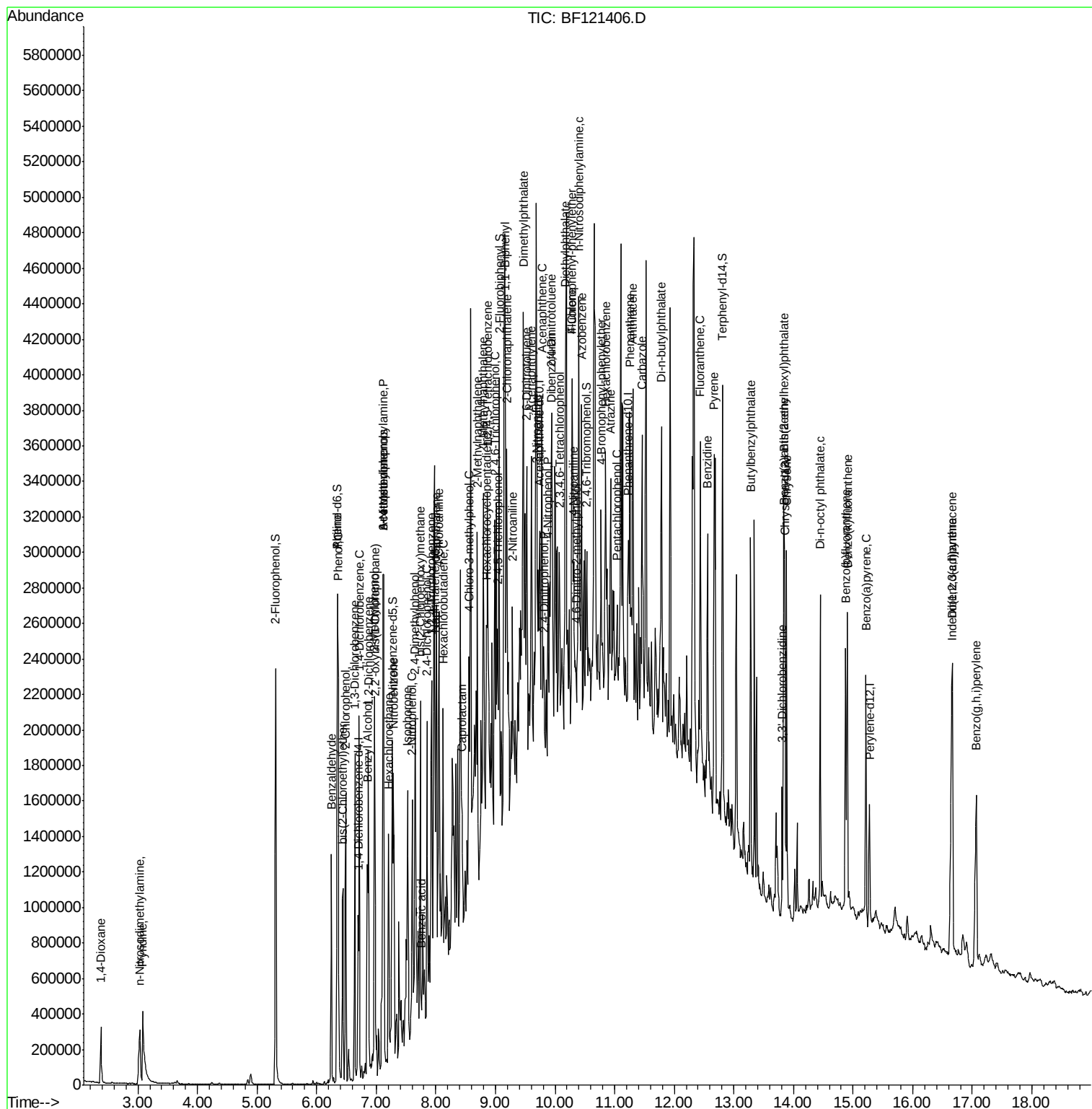
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
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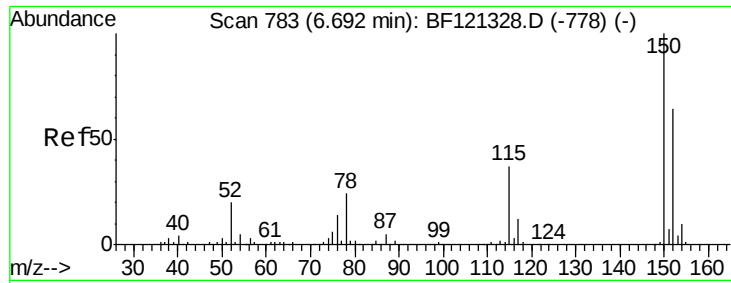
Instrument :
BNA_F
ClientSampleID :
DRUM-COMPMSD

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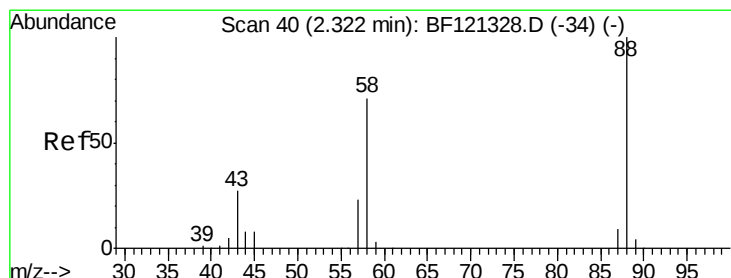
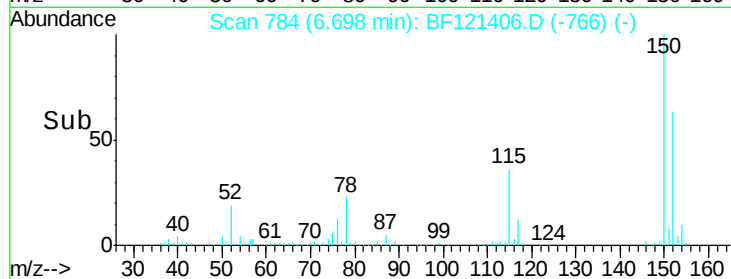
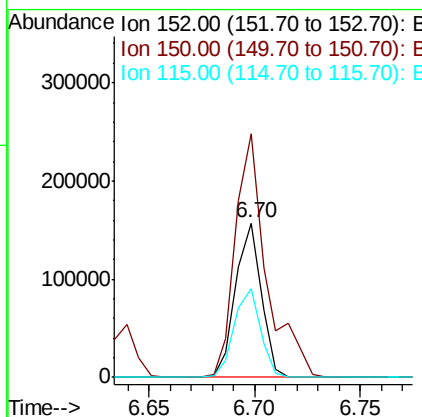
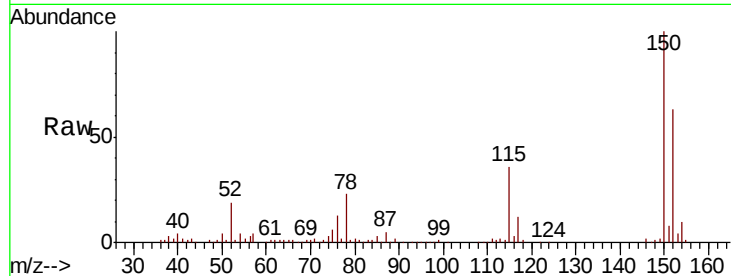
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.8	187.2
115	57.0	46.1	69.1

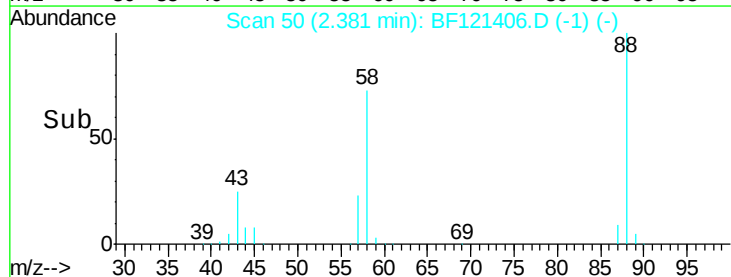
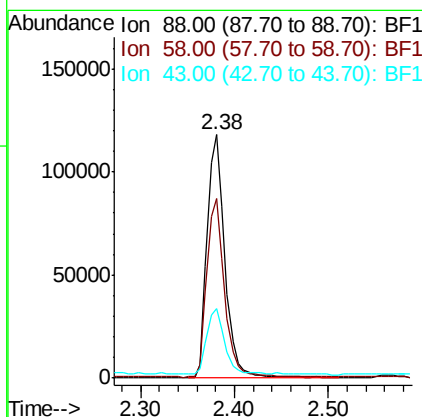
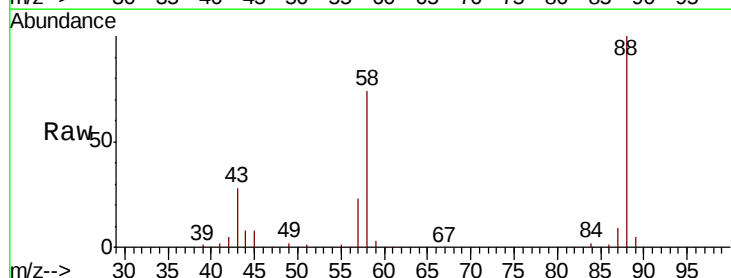
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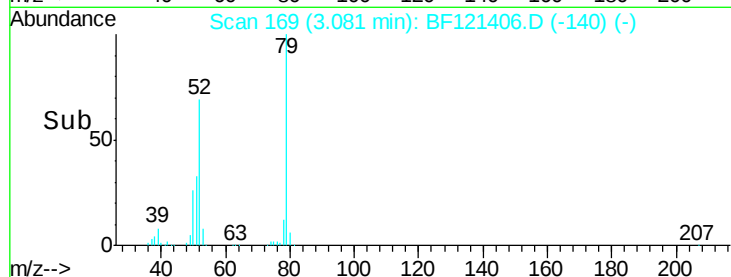
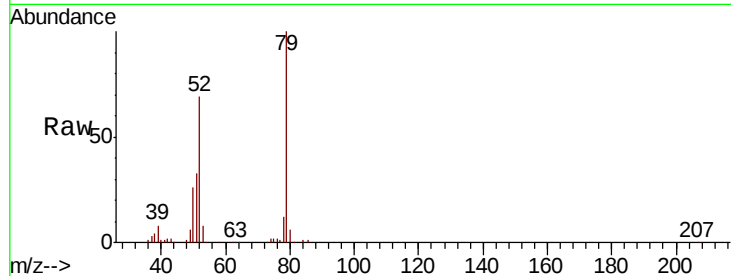
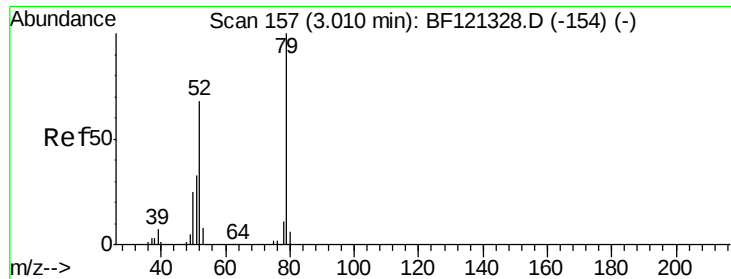
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#2
 1,4-Dioxane
 Concen: 43.475 ng
 RT: 2.38 min Scan# 50
 Delta R.T. 0.06 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.9	58.5	87.7
43	27.8	21.8	32.8





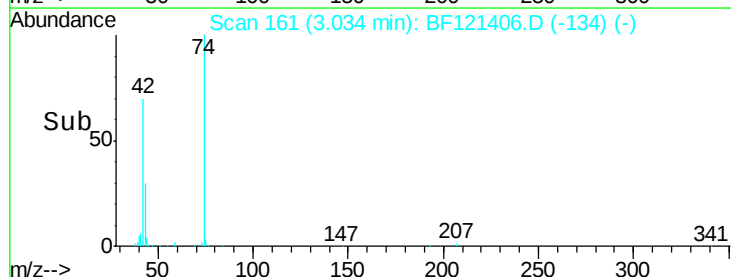
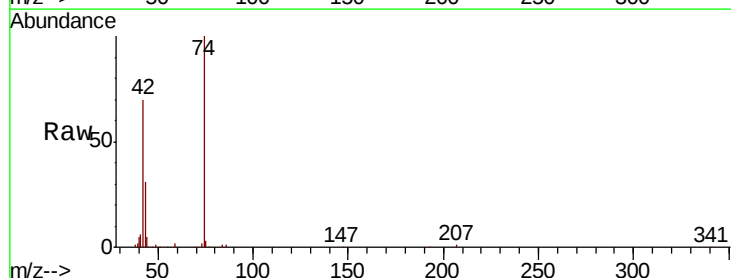
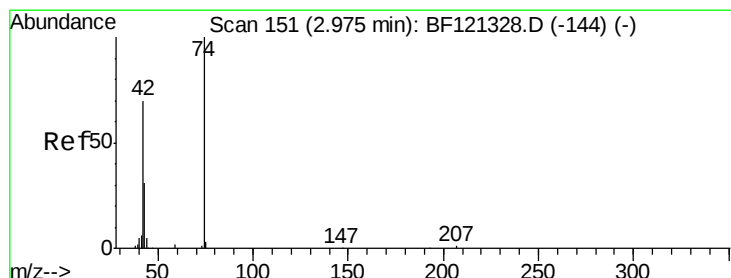
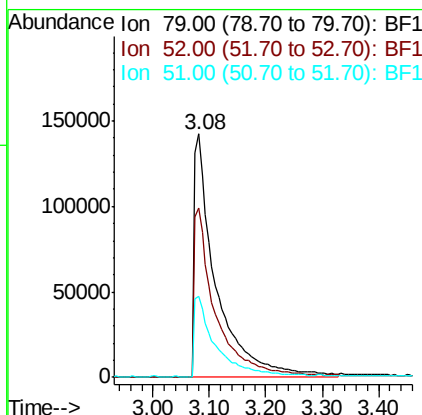
#3
 Pvridine
 Concen: 38.823 ng
 RT: 3.08 min Scan# 169
 Delta R.T. 0.07 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.3	54.6	82.0
51	33.2	27.0	40.6

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMPMSD

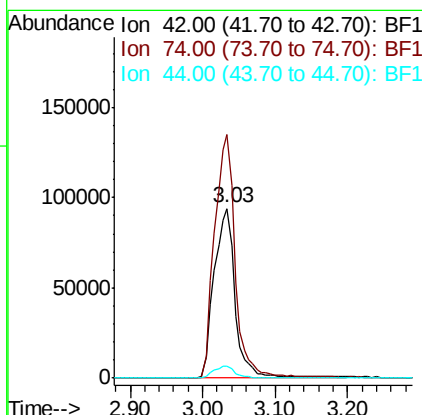
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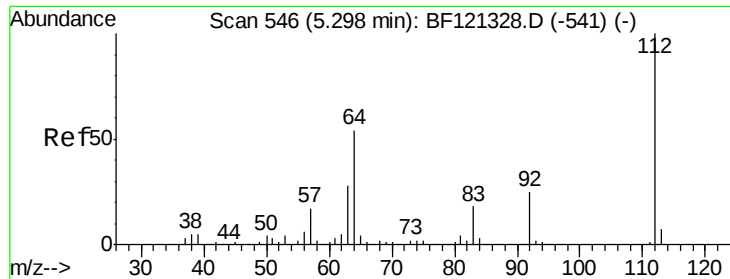
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#4
 n-Nitrosodimethylamine
 Concen: 47.865 ng
 RT: 3.03 min Scan# 161
 Delta R.T. 0.06 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.7	114.2	171.2
44	6.9	5.4	8.2





#5

2-Fluorophenol

Concen: 100.454 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.02 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Instrument :

BNA_F

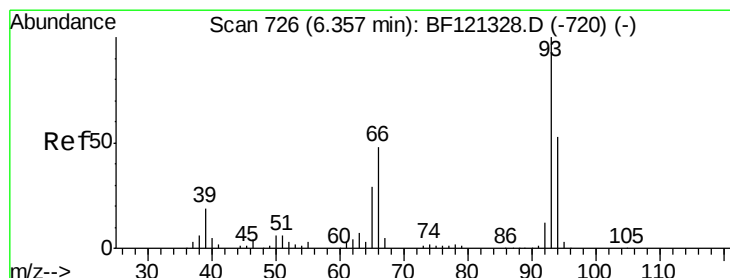
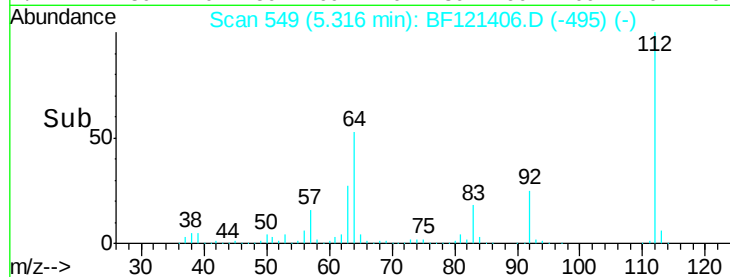
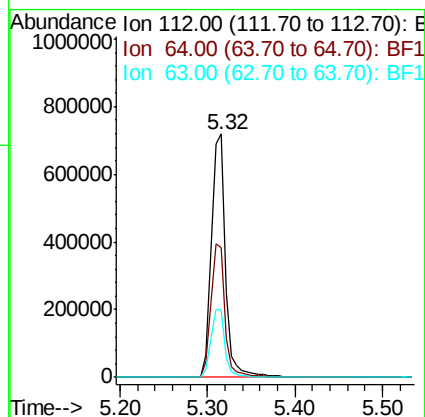
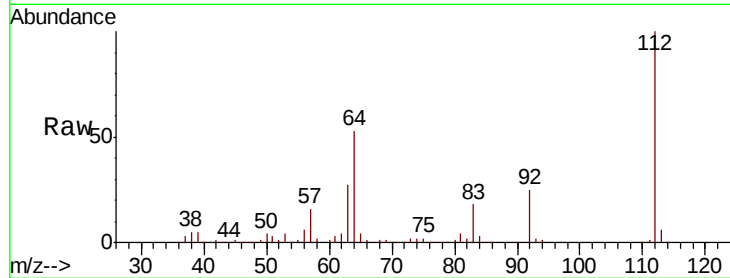
ClientSampleId :

DRUM-COMPMSD

Tot Ion:	112	Resp:	811969
Ion Ratio	Lower	Upper	
112	100		
64	53.3	43.5	65.3
63	27.4	22.0	33.0

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#6

Aniline

Concen: 33.346 ng

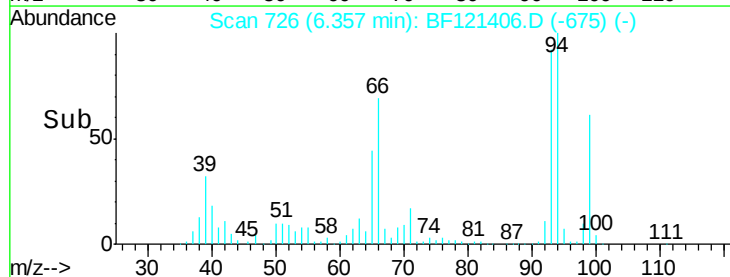
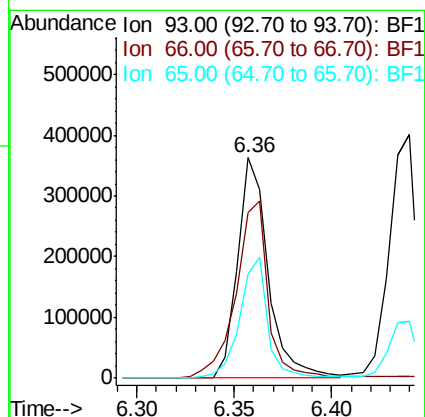
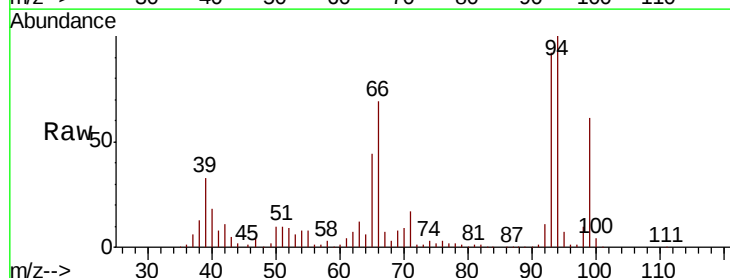
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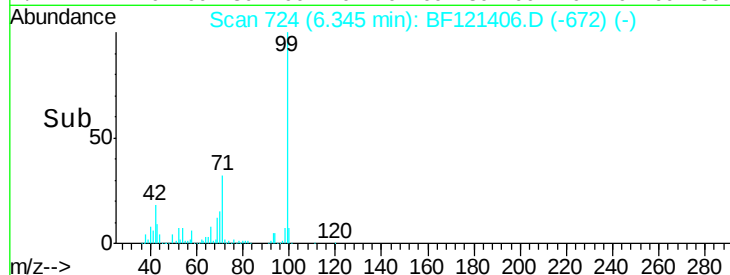
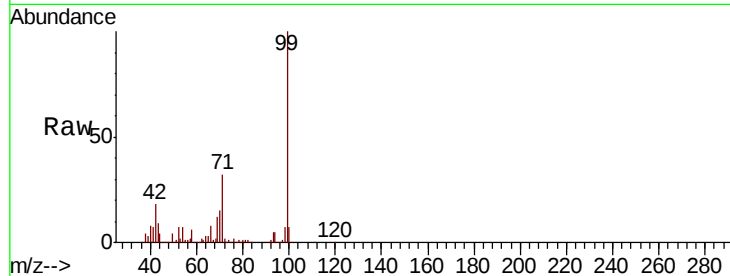
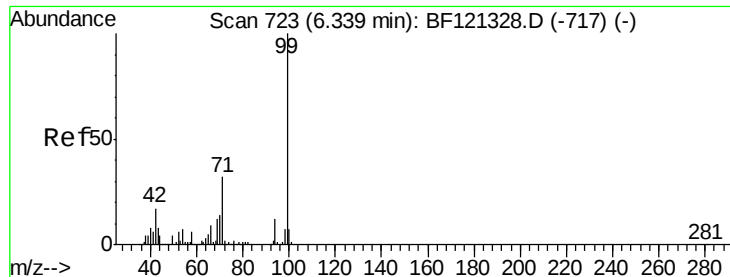
Delta R.T. 0.00 min

Lab File: BF121406.D

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Tgt Ion:	93	Resp:	397314
Ion Ratio	Lower	Upper	
93	100		
66	75.0	40.2	60.2#
65	47.5	23.6	35.4#





#7

Phenol-d6

Concen: 93.585 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		965671		
42	18.0	13.5	20.3		
71	32.4	25.2	37.8		

Instrument :

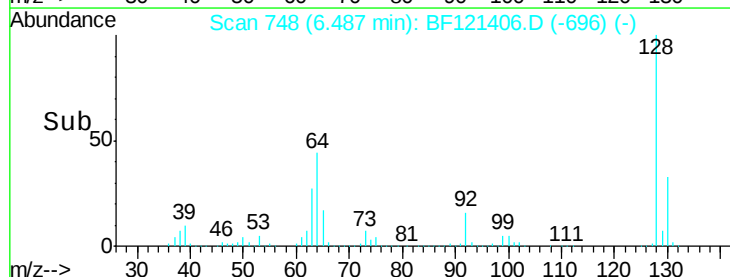
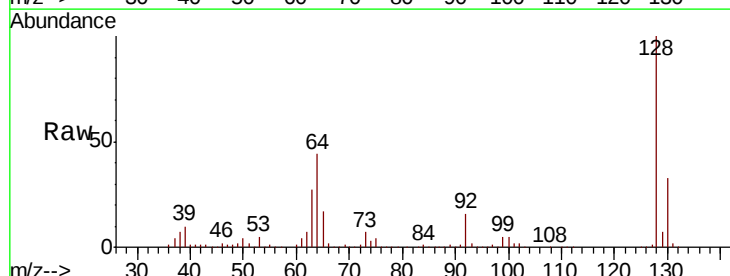
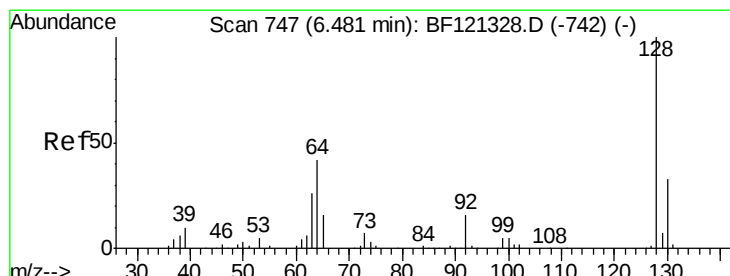
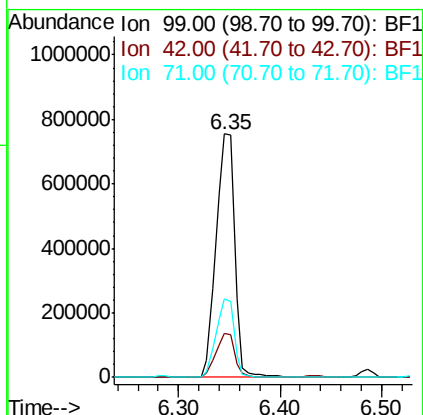
BNA_F

ClientSampleId :

DRUM-COMPMSD

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#8

2-Chlorophenol

Concen: 49.441 ng

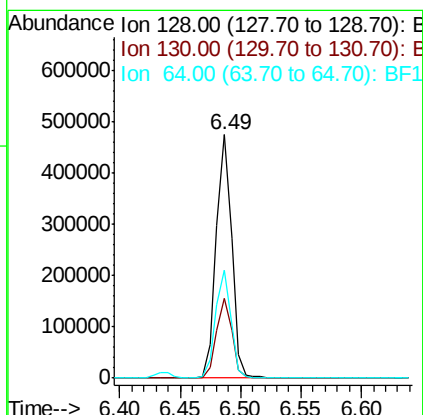
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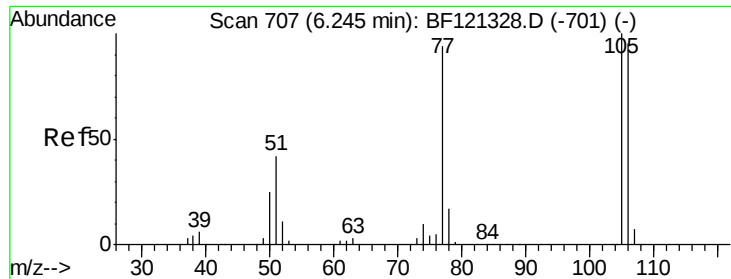
Delta R.T. 0.01 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		417690		
130	32.8	12.8	52.8		
64	44.2	23.4	63.4		





#9

Benzaldehyde

Concen: 42.423 ng

RT: 6.25 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF121406.D

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Instrument :

BNA_F

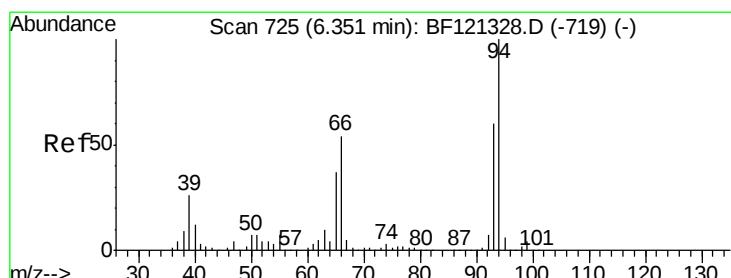
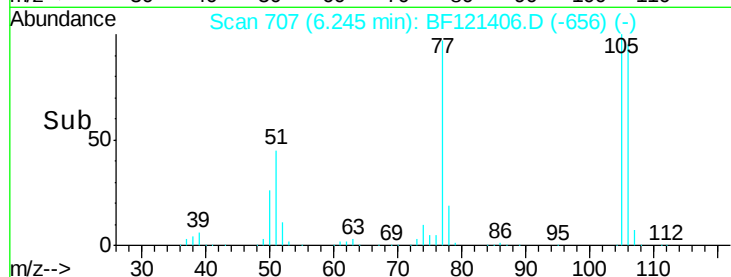
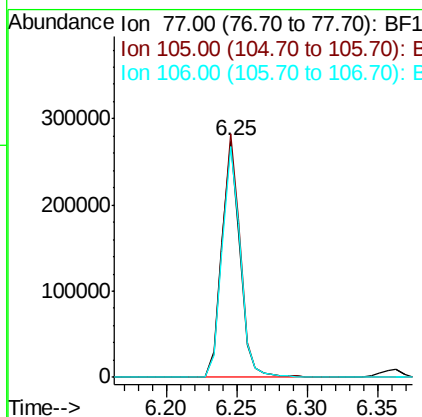
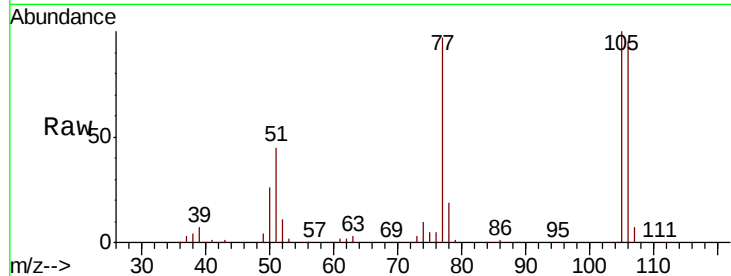
ClientSampleId :

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Tot Ion:	77	Resp:	246263
Ion	Ratio	Lower	Upper
77	100		
105	102.9	86.3	126.3
106	97.6	81.2	121.2

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#10

Phenol

Concen: 43.279 ng

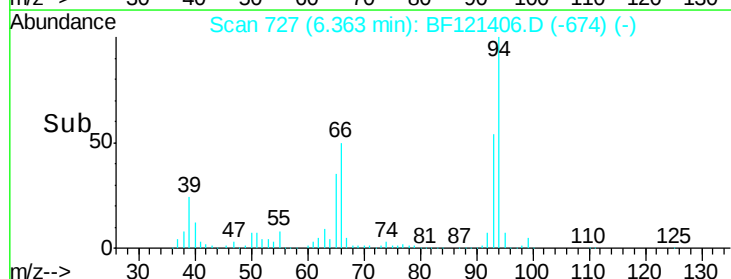
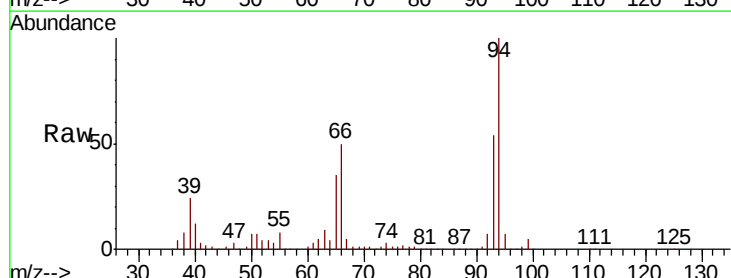
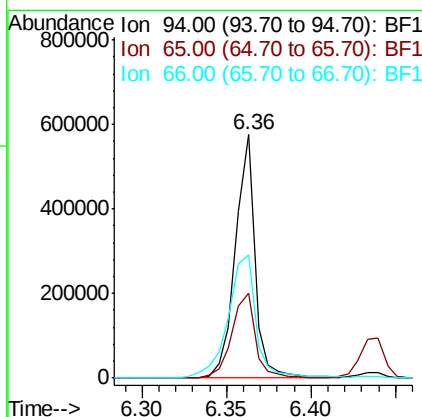
RT: 6.36 min Scan# 727

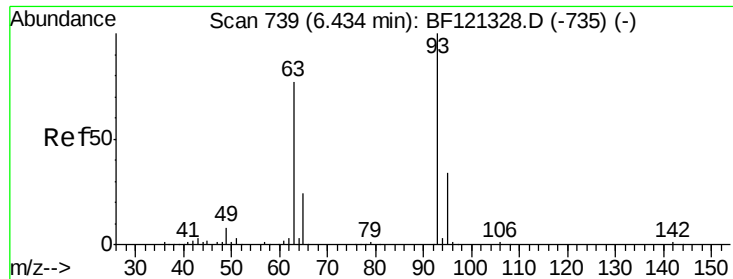
Delta R.T. 0.01 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Tgt Ion:	94	Resp:	468253
Ion	Ratio	Lower	Upper
94	100		
65	34.6	16.6	56.6
66	50.4	34.3	74.3





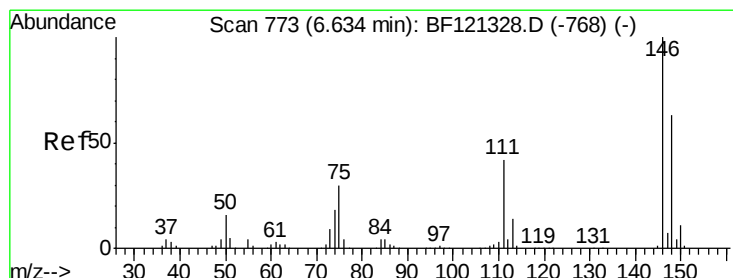
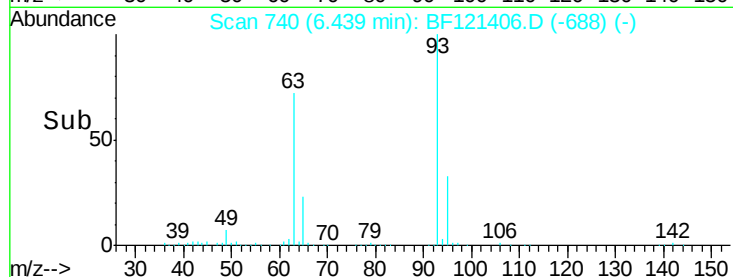
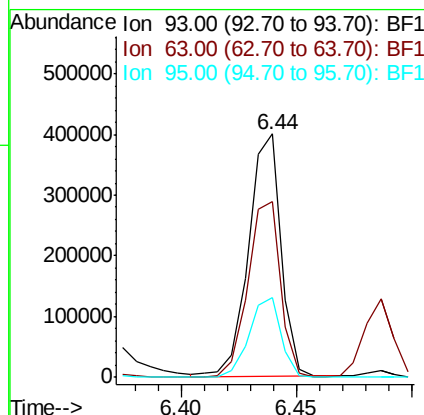
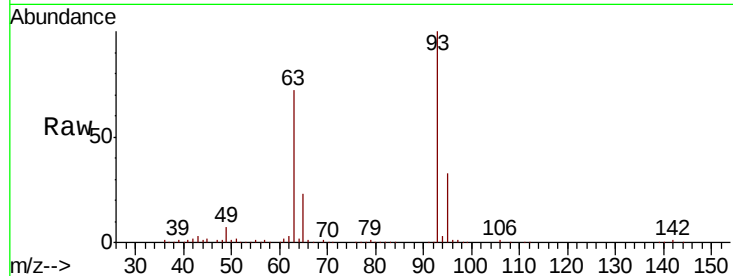
#11
bis(2-Chloroethyl)ether
Concen: 47.172 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.1	56.4	96.4
95	32.9	13.5	53.5

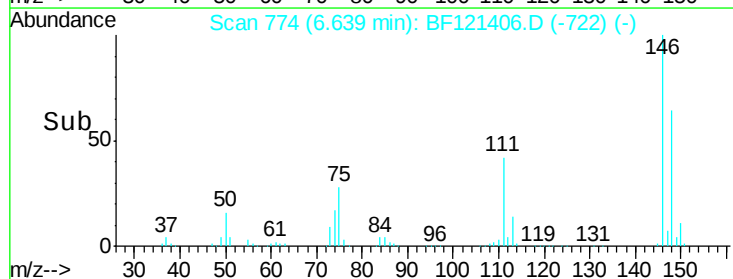
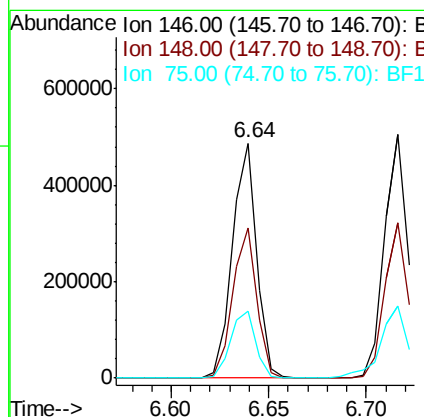
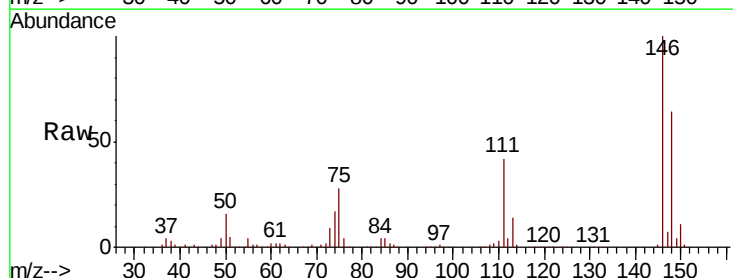
Manual Integrations
APPROVED

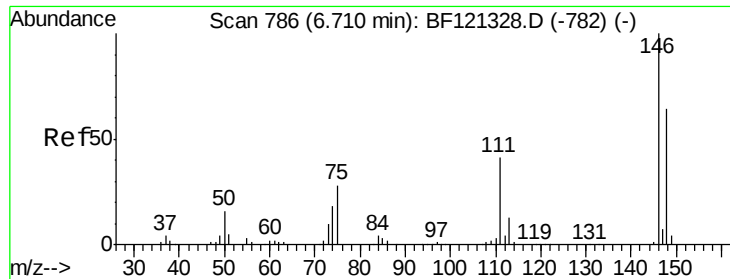
mohammad
8/25/2020 4:19:14 PM



#12
1,3-Dichlorobenzene
Concen: 44.214 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.7	76.1
75	28.3	23.8	35.6





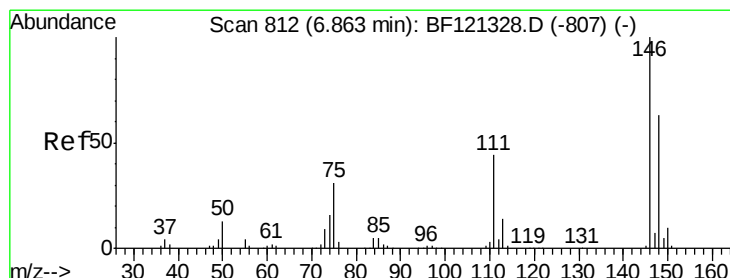
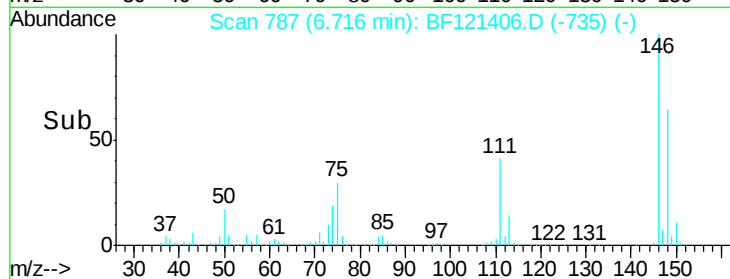
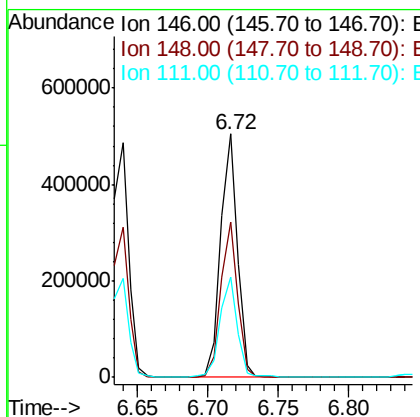
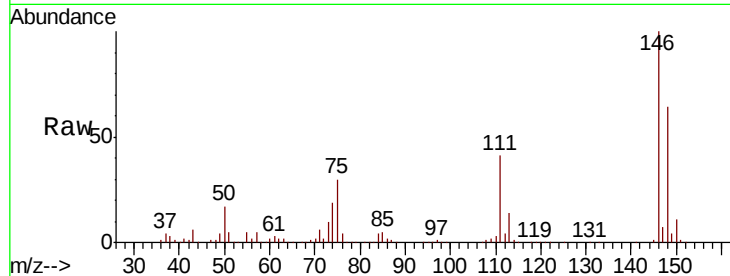
#13
 1,4-Dichlorobenzene
 Concen: 43.928 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.01 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.2	76.8
111	41.1	33.3	49.9

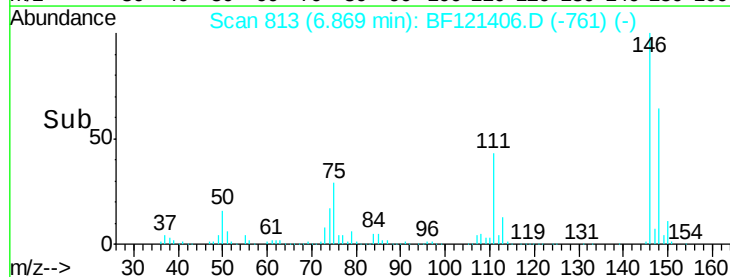
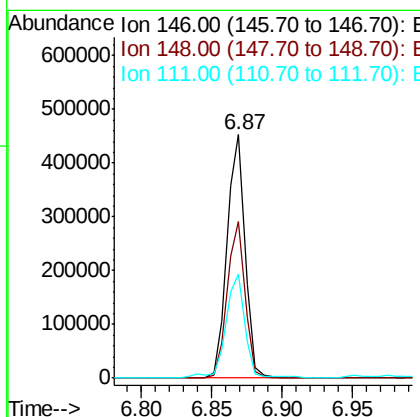
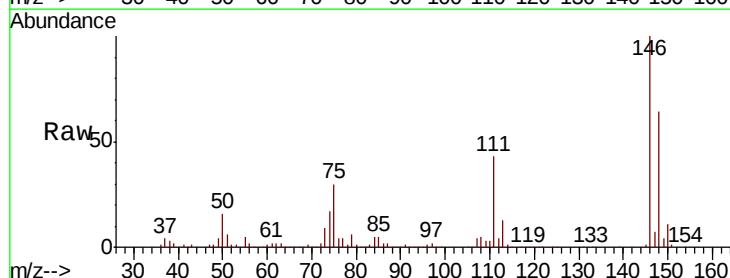
Manual Integrations
 APPROVED

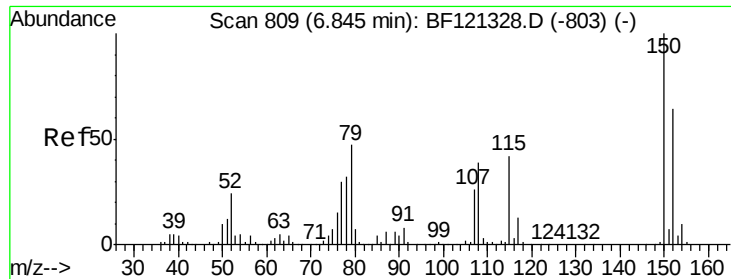
mohammad
 8/25/2020 4:19:14 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.922 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.01 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.3	75.5
111	42.6	35.5	53.3





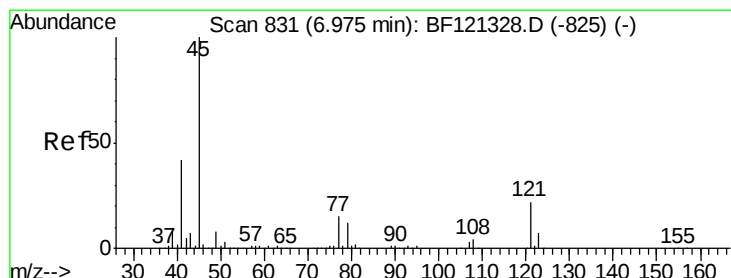
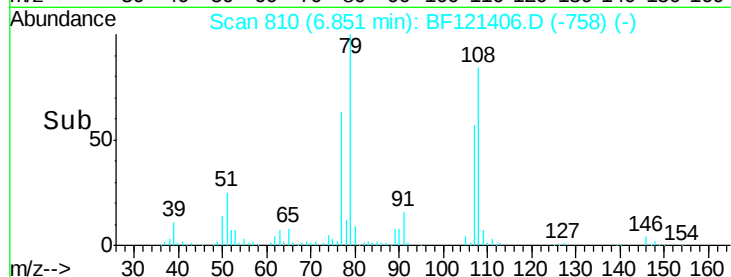
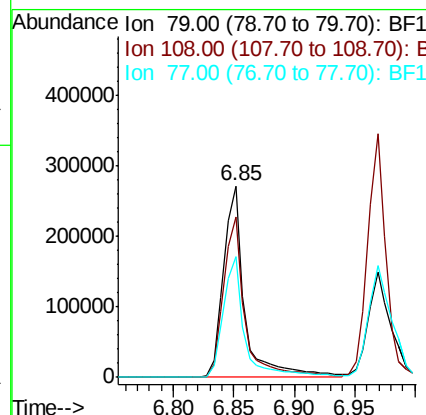
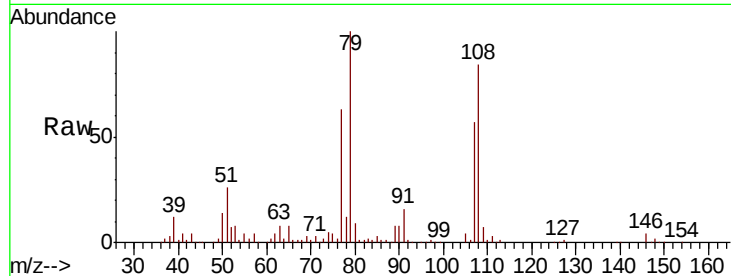
#15
Benzyl Alcohol
Concen: 52.918 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.0	65.2	97.8
77	63.1	51.4	77.0

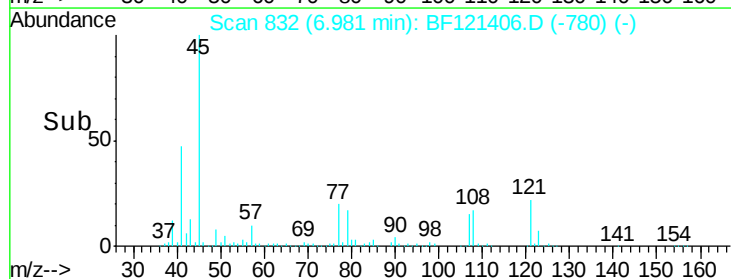
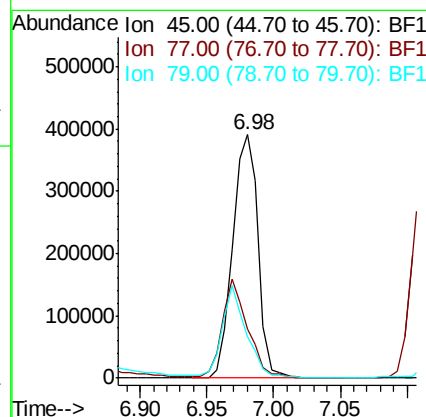
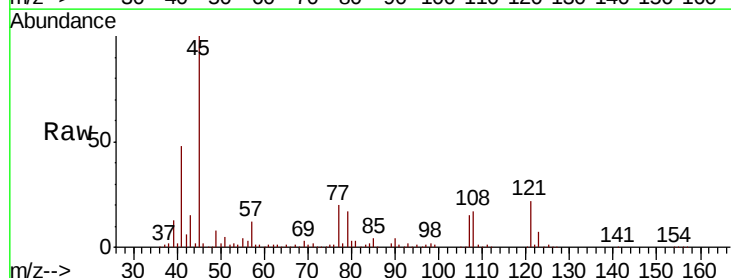
Manual Integrations
APPROVED

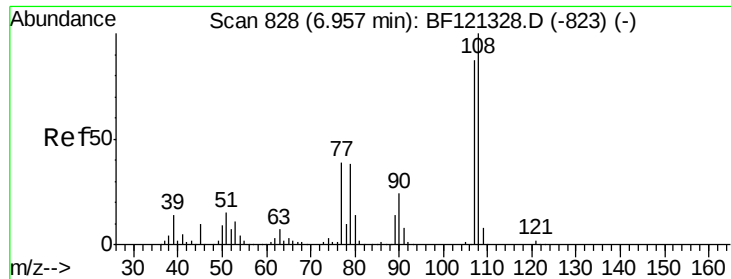
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.406 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.1	0.0	35.6
79	16.8	0.0	32.5





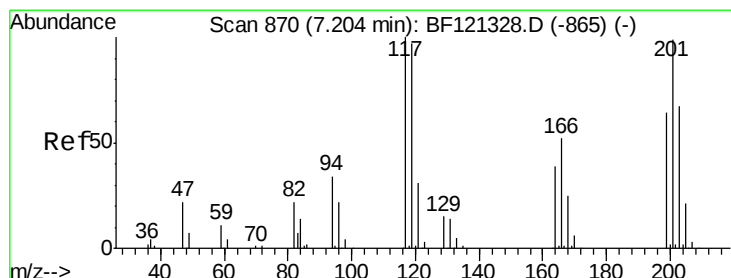
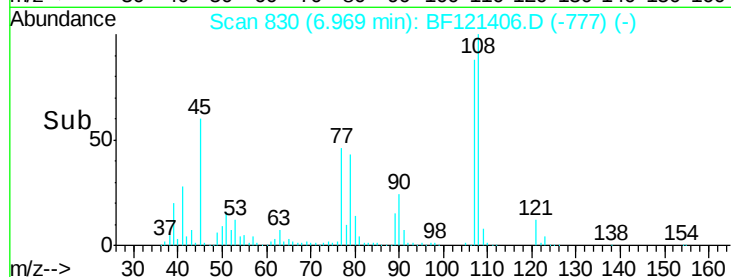
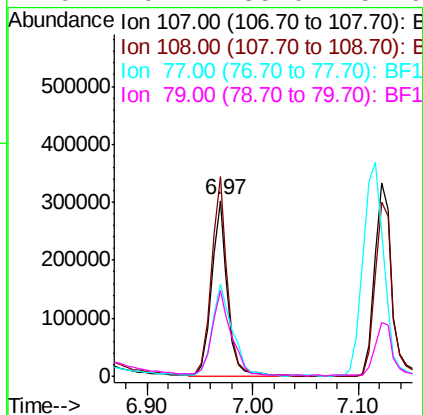
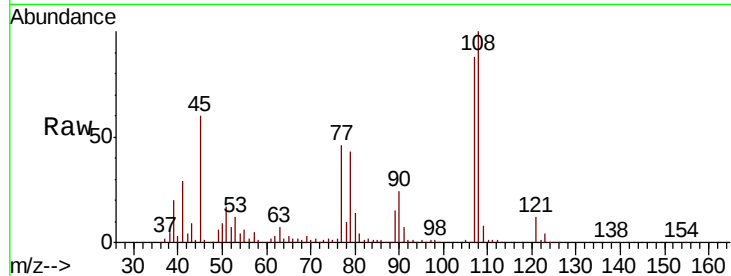
#17
2-Methylphenol
Concen: 45.583 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMSD

Tot Ion	107	Resp	317744
Ion Ratio	Lower	Upper	
107	100		
108	114.0	92.4	138.6
77	52.4	36.1	54.1
79	49.2	35.0	52.6

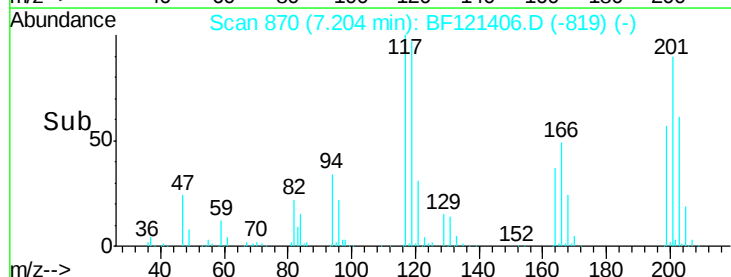
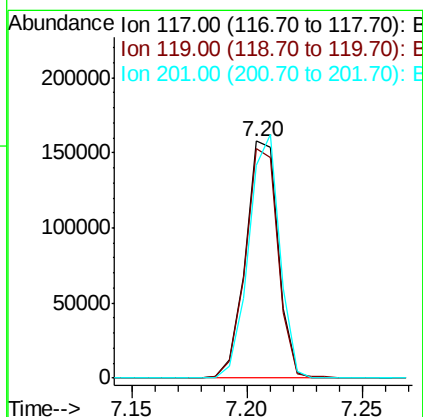
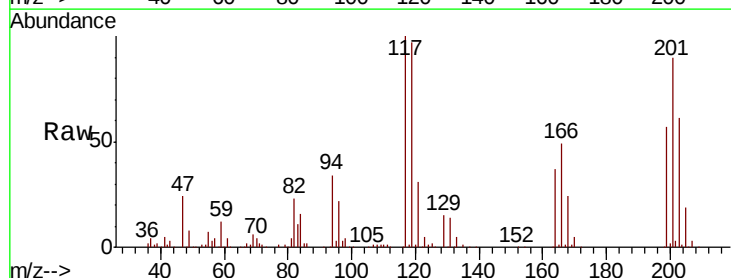
Manual Integrations
APPROVED

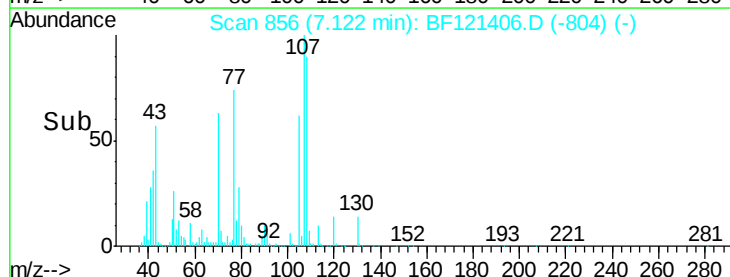
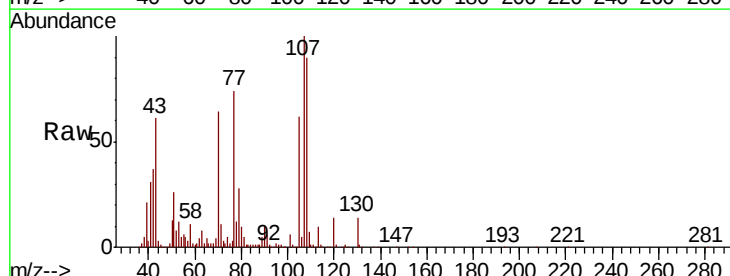
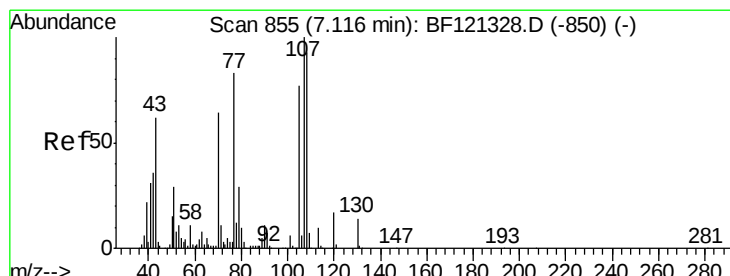
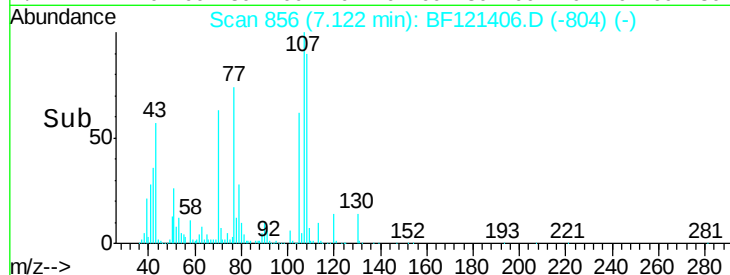
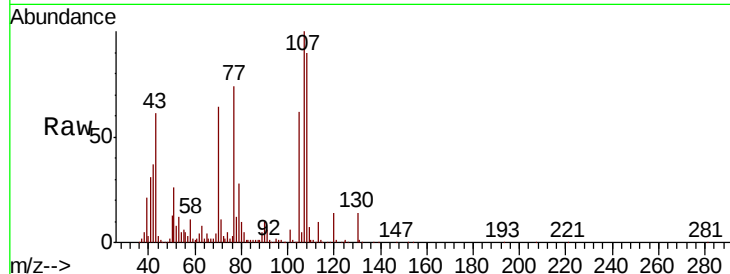
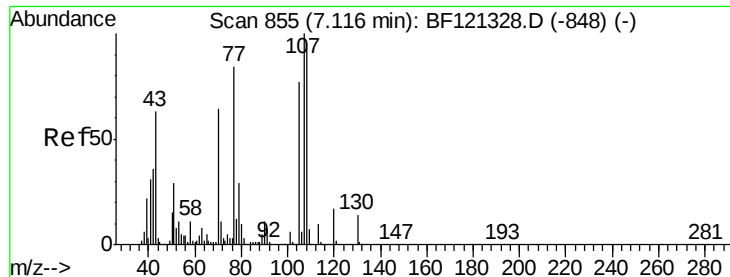
mohammad
8/25/2020 4:19:14 PM



#18
Hexachloroethane
Concen: 43.846 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

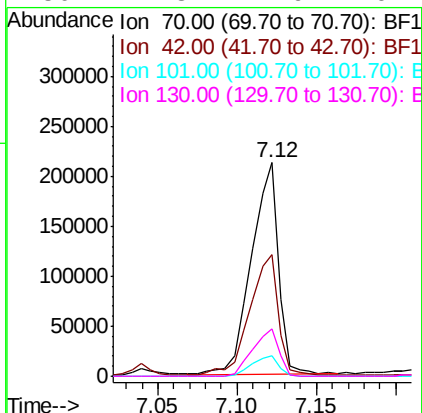
Tgt Ion	117	Resp	155995
Ion Ratio	Lower	Upper	
117	100		
119	96.9	77.9	116.9
201	89.7	79.4	119.0





#19
n-Nitroso-di-n-propylamine
Concen: 45.452 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.1	45.2	67.8	
101	9.6	7.7	11.5	
130	22.3	17.6	26.4	



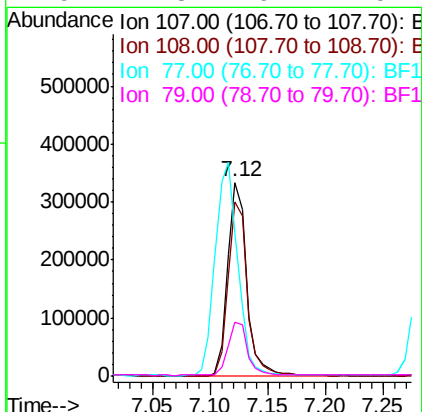
Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMSD

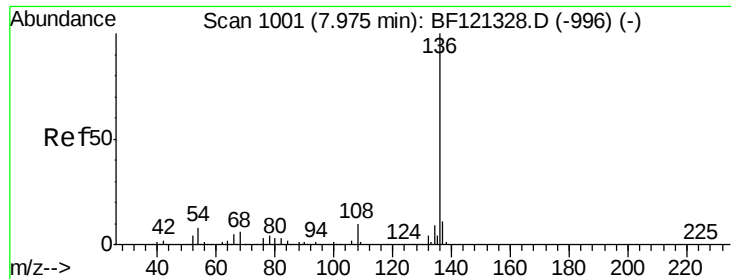
Manual Integrations
APPROVED

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#20
3+4-Methylphenols
Concen: 57.434 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.7	72.6	112.6	
77	73.8	63.8	103.8	
79	27.8	9.1	49.1	





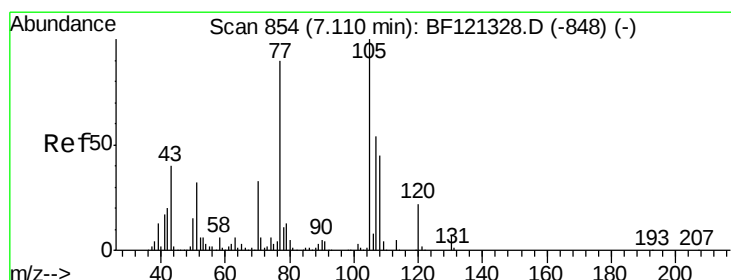
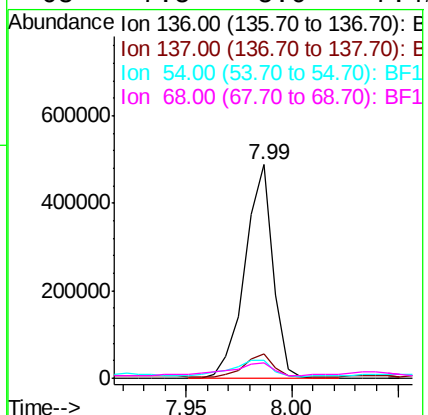
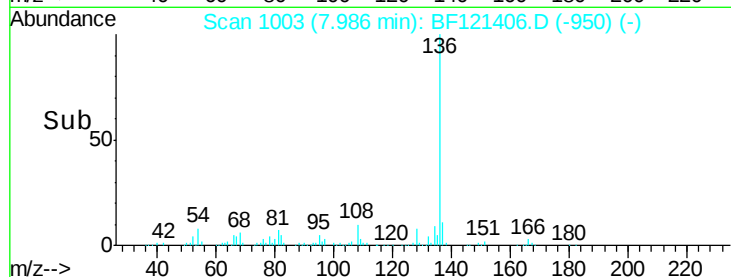
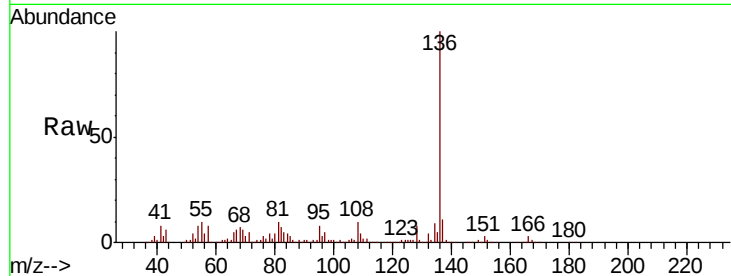
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.9	13.3	
54	8.3	6.1	9.1	
68	7.5	5.0	7.4	

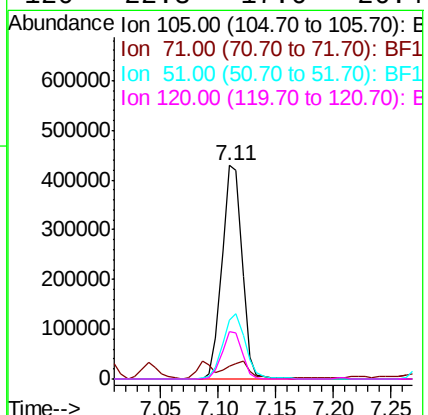
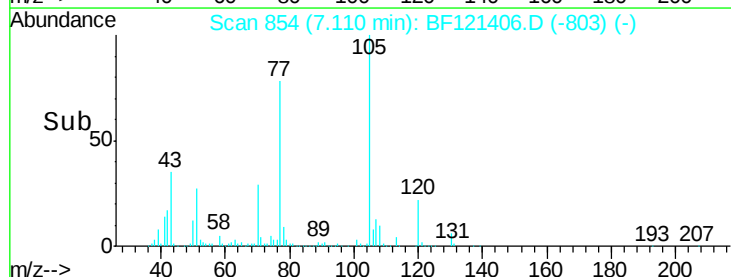
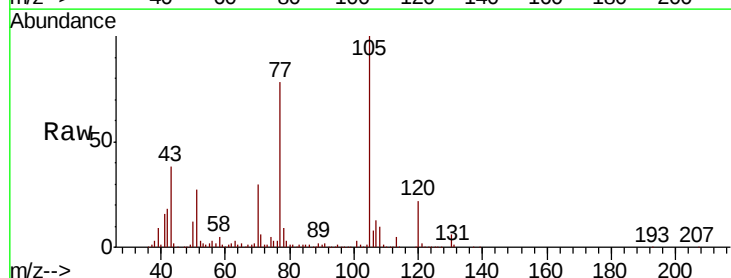
Manual Integrations
APPROVED

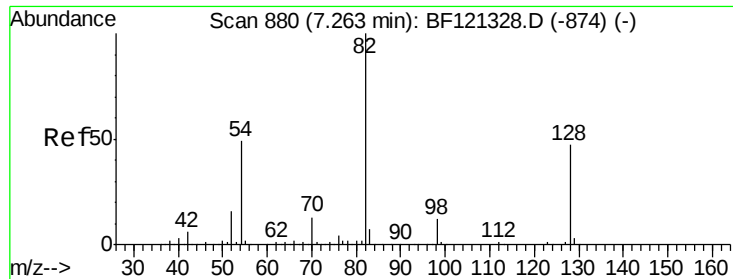
mohammad
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#22
Acetophenone
Concen: 49.415 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.8	4.5	6.7	
51	27.3	25.4	38.0	
120	22.3	17.6	26.4	





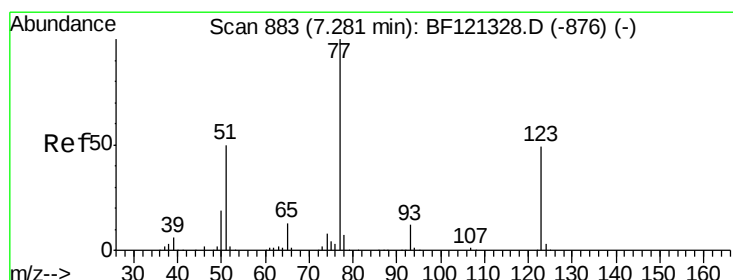
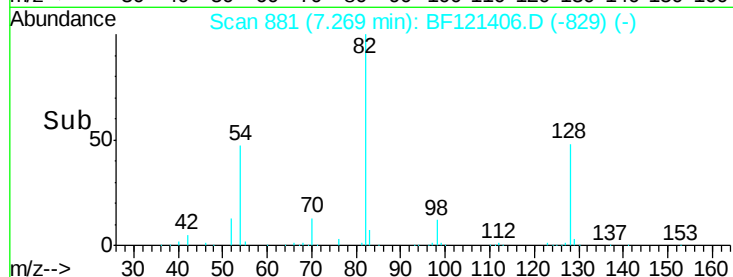
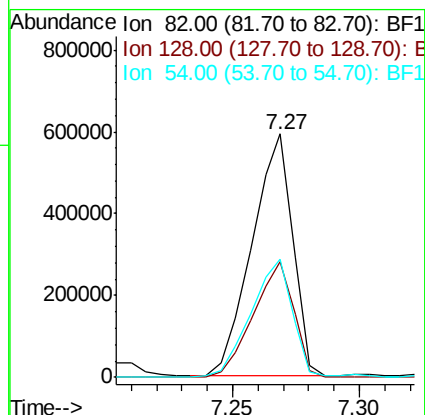
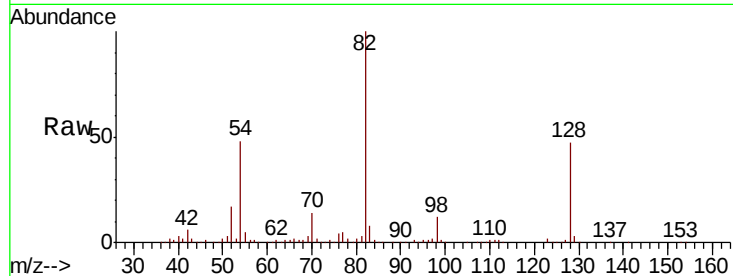
#23
Nitrobenzene-d5
Concen: 83.484 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.9	56.9
54	48.5	39.0	58.4

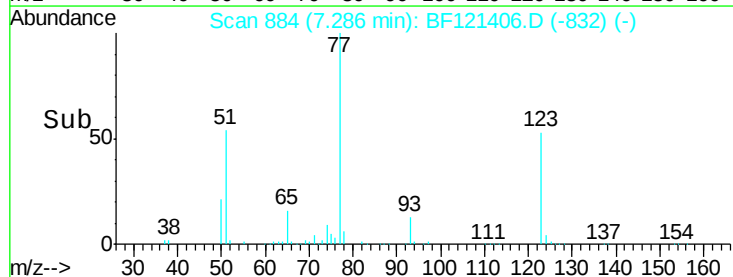
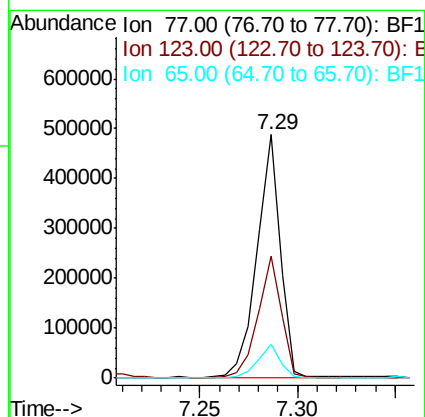
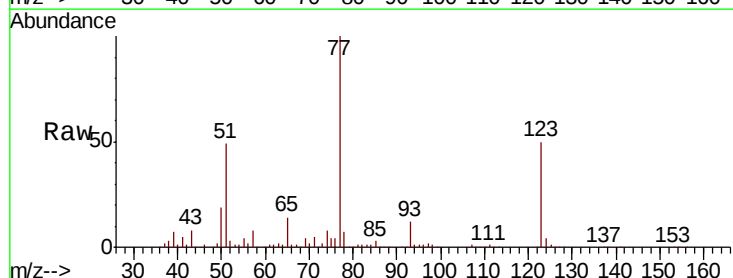
Manual Integrations
APPROVED

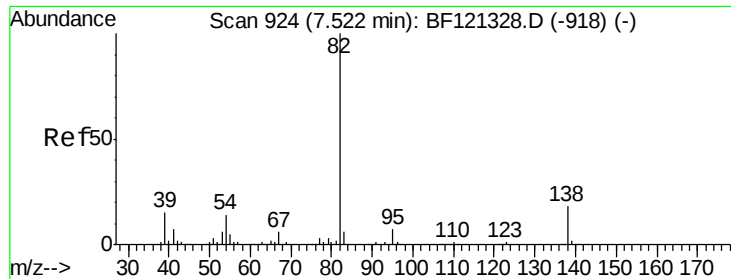
mohammad
8/25/2020 4:19:14 PM



#24
Nitrobenzene
Concen: 49.499 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.0	39.2	58.8
65	13.7	10.6	15.8





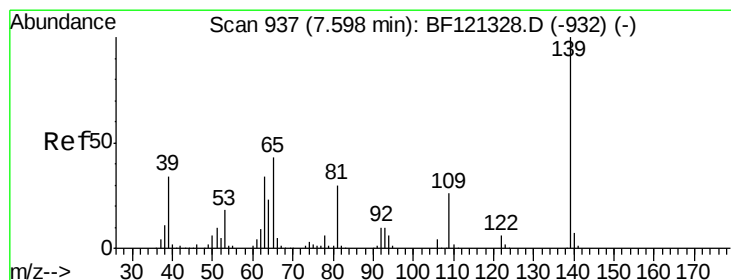
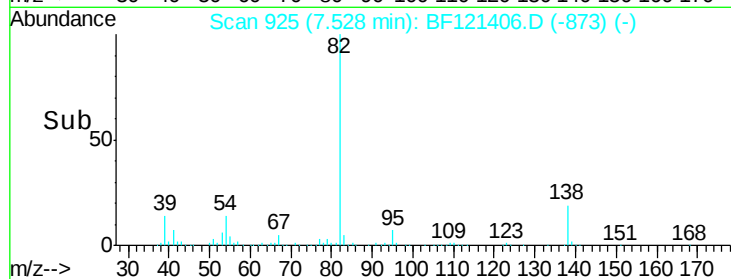
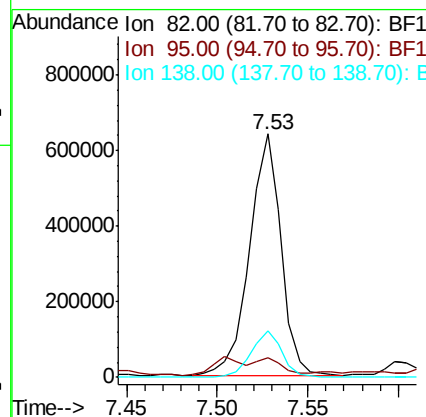
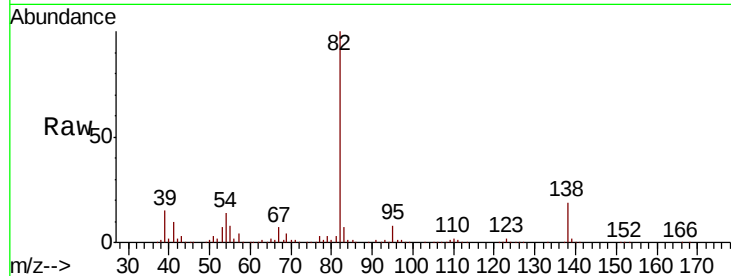
#25
Isophorone
Concen: 53.265 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.3	5.3	7.9#	
138	18.9	14.6	21.8	

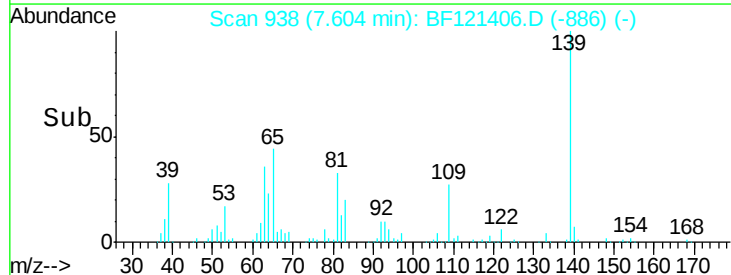
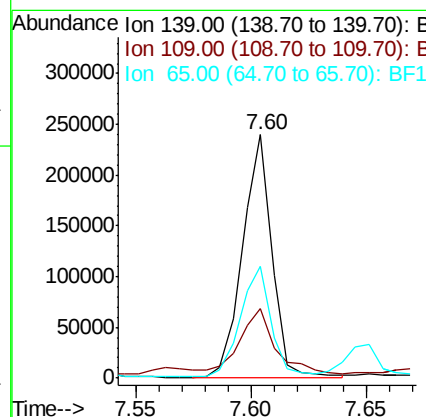
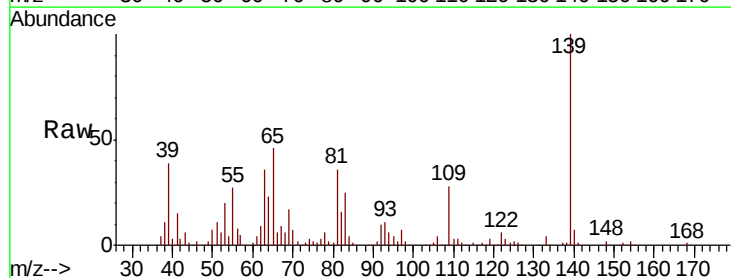
Manual Integrations
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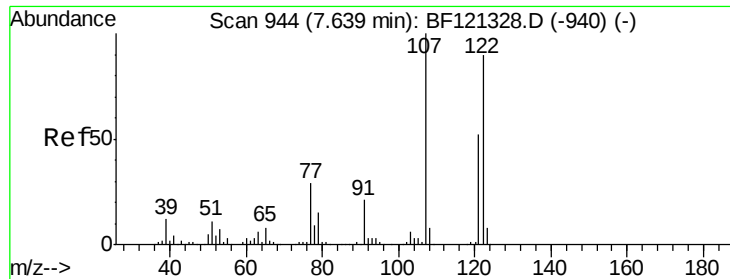
mohammad
8/25/2020 4:19:14 PM



#26
2-Nitrophenol
Concen: 51.090 ng
RT: 7.60 min Scan# 938
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	28.5	21.1	31.7	
65	45.7	34.5	51.7	





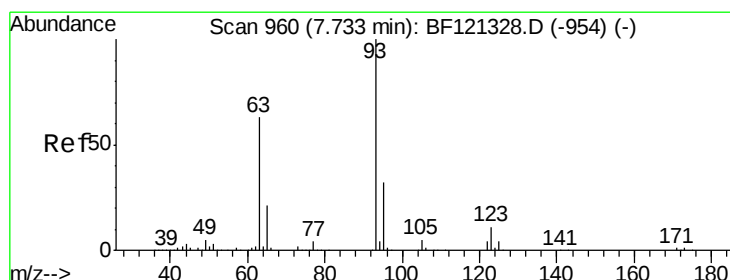
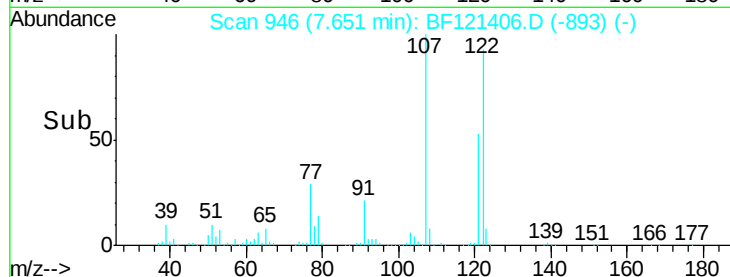
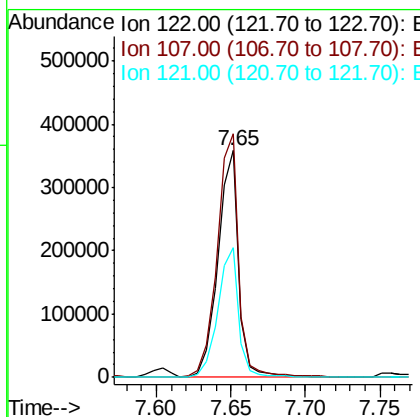
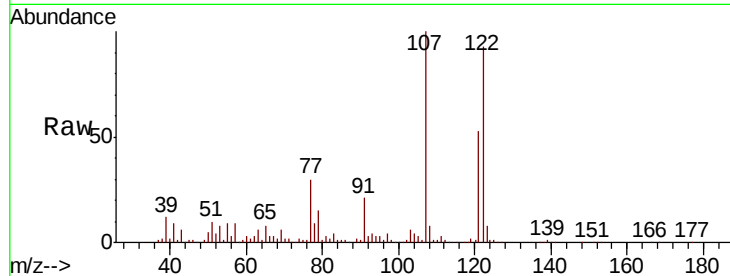
#27
2,4-Dimethylphenol
Concen: 58.543 ng
RT: 7.65 min Scan# 946
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	347580		
107	107.5	89.0	133.4	
121	57.3	46.4	69.6	

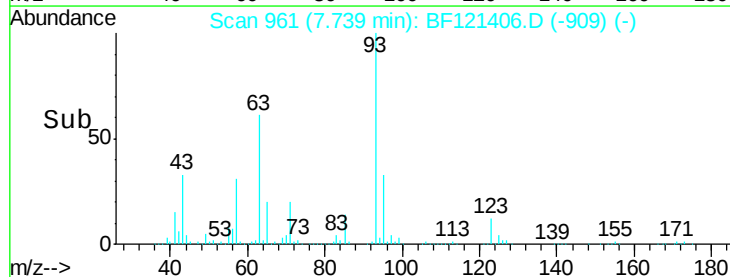
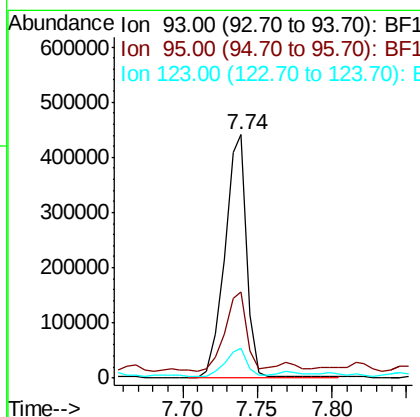
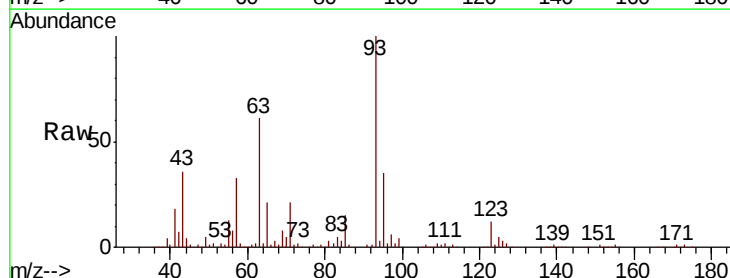
Manual Integrations
APPROVED

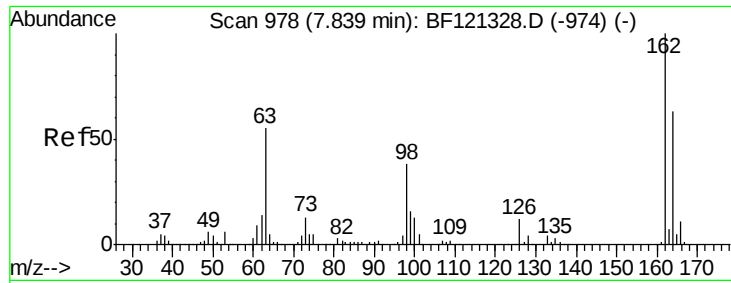
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 46.166 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	455248		
95	35.3	25.8	38.8	
123	12.2	9.0	13.6	





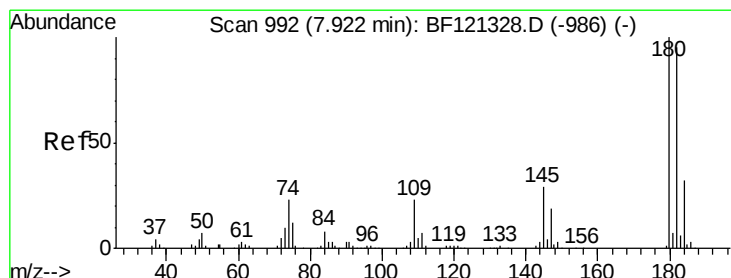
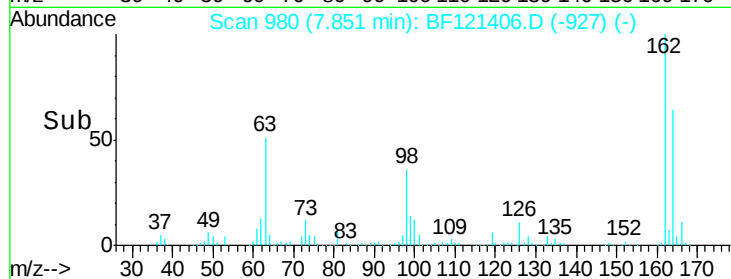
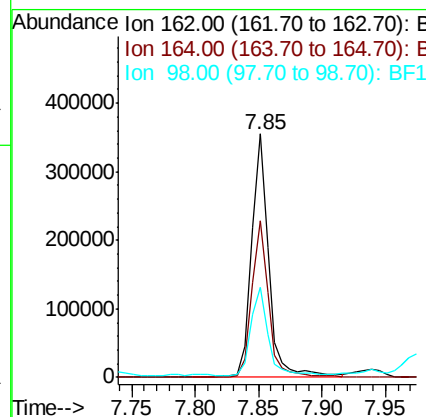
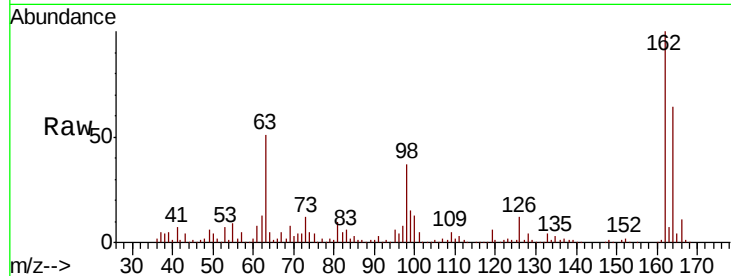
#29
2,4-Dichlorophenol
Concen: 51.577 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMSD

Tot Ion:	162	Resp:	334333
Ion Ratio	Lower	Upper	
162	100		
164	64.3	43.4	83.4
98	36.8	18.1	58.1

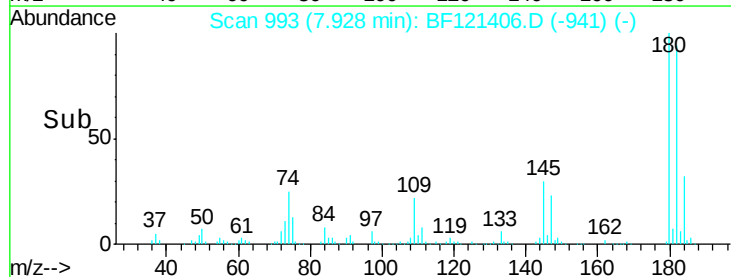
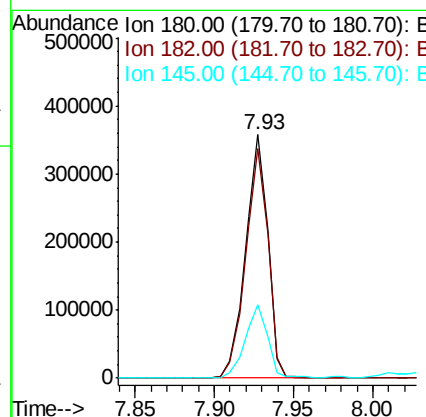
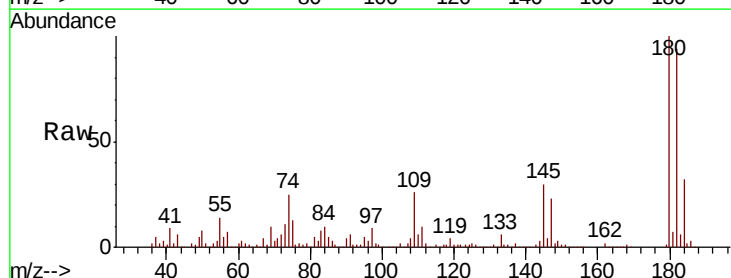
Manual Integrations
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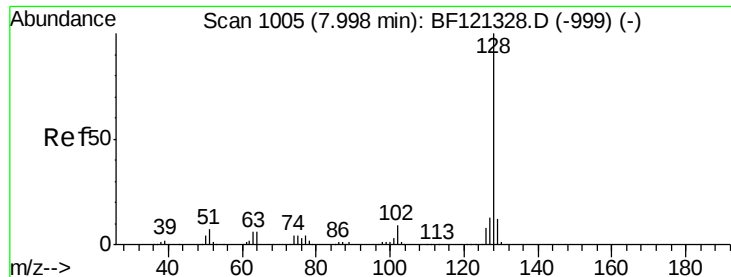
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 46.654 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion:	180	Resp:	345831
Ion Ratio	Lower	Upper	
180	100		
182	94.0	75.9	113.9
145	30.0	23.2	34.8





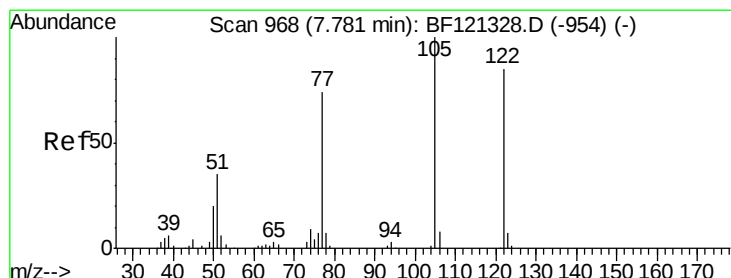
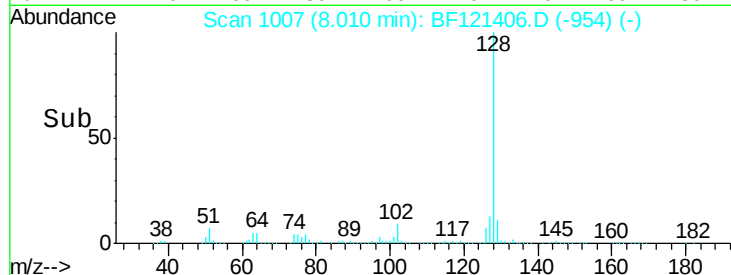
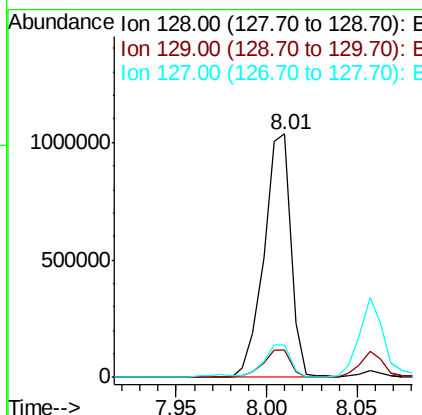
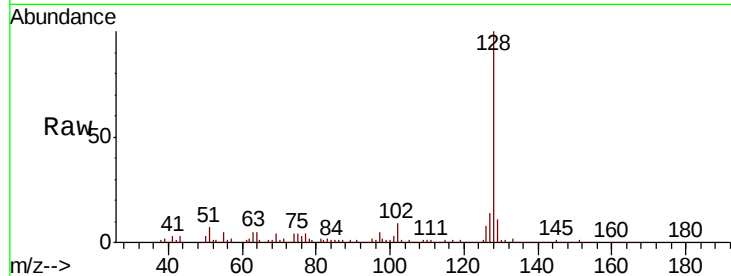
#31
Naphthalene
Concen: 47.954 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMSD

Tot Ion:128 Resp: 1074448
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.5 10.6 16.0

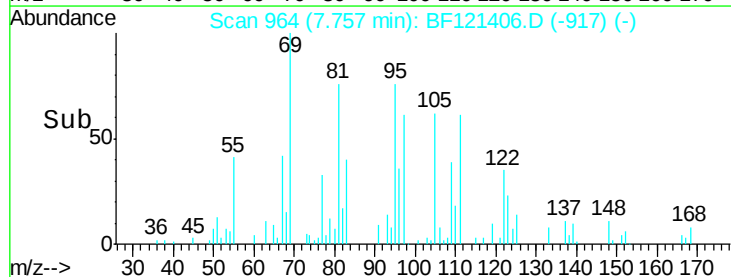
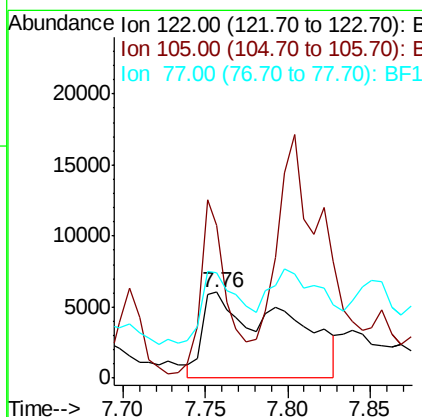
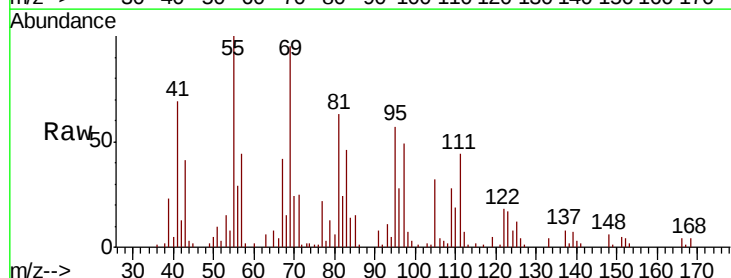
Manual Integrations
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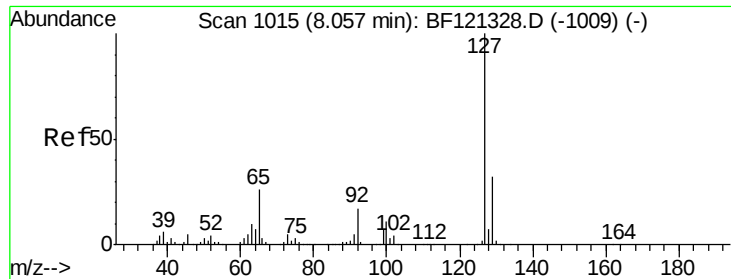
mohammad
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#32
Benzoic acid
Concen: 10.999 ng m
RT: 7.76 min Scan# 964
Delta R.T. -0.02 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion:122 Resp: 21409
Ion Ratio Lower Upper
122 100
105 177.6 96.7 136.7#
77 123.0 66.7 106.7#





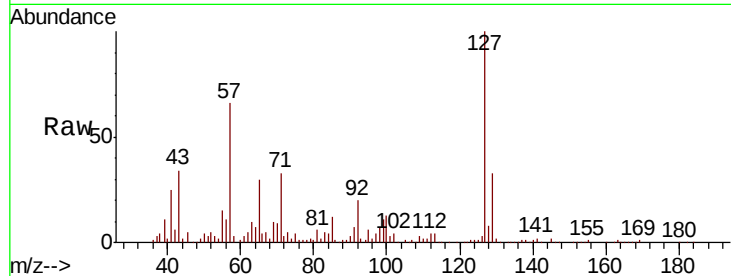
#33
4-Chloroaniline
Concen: 33.457 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		331943		
129	32.7	25.7	38.5		
65	30.0	20.9	31.3		
92	19.5	13.8	20.8		

Manual Integrations
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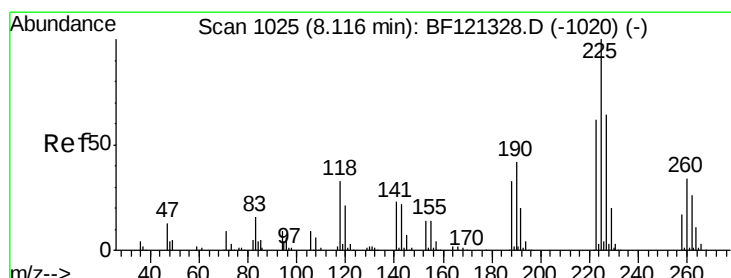
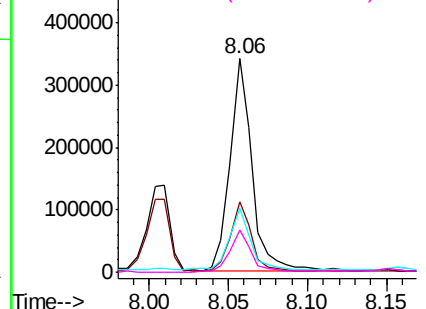
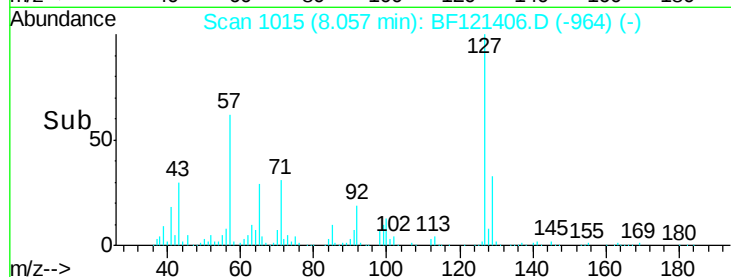
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

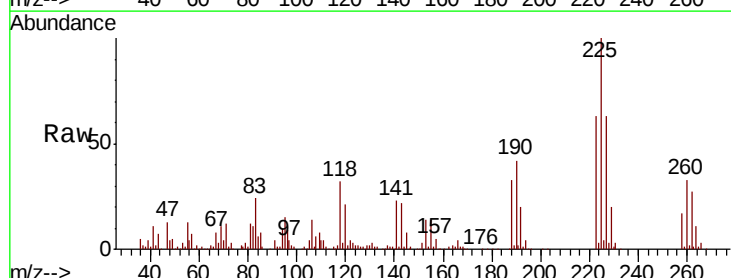
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 46.177 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		202569		
223	62.6	49.7	74.5		
227	62.7	50.9	76.3		

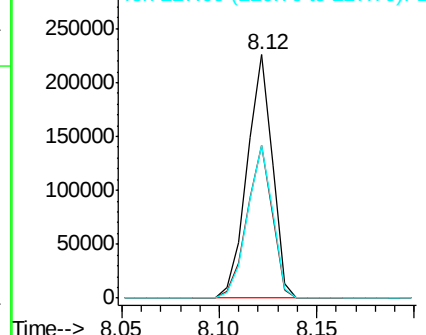
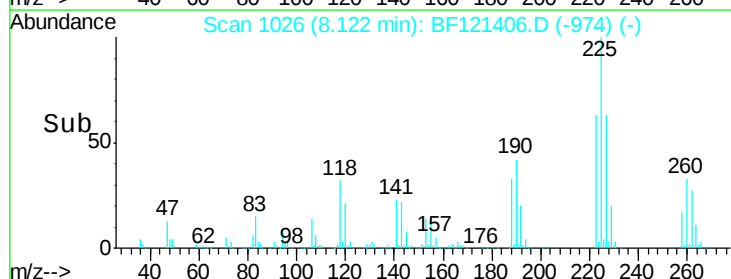


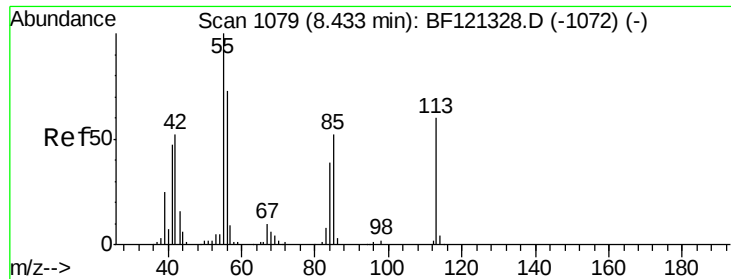
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





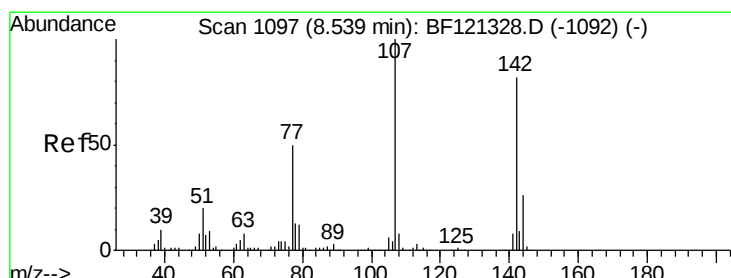
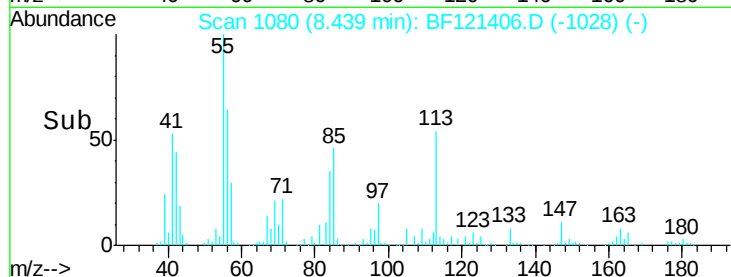
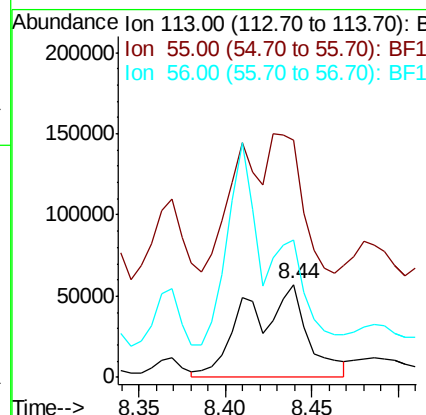
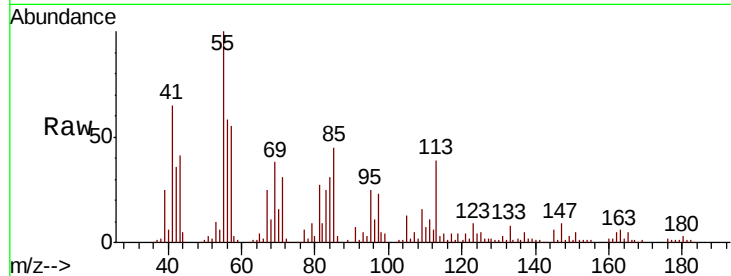
#35
Caprolactam
Concen: 65.414 ng/ml
RT: 8.44 min Scan# 1080
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	255.3	147.9	187.9#
56	148.2	102.4	142.4#

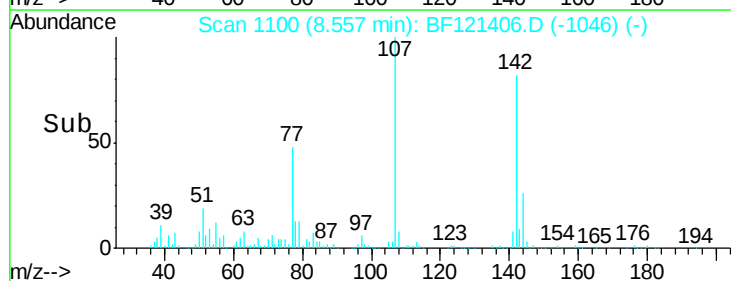
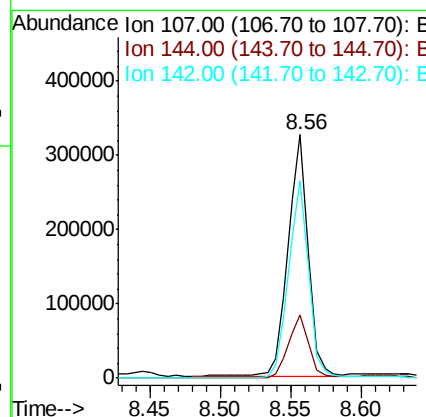
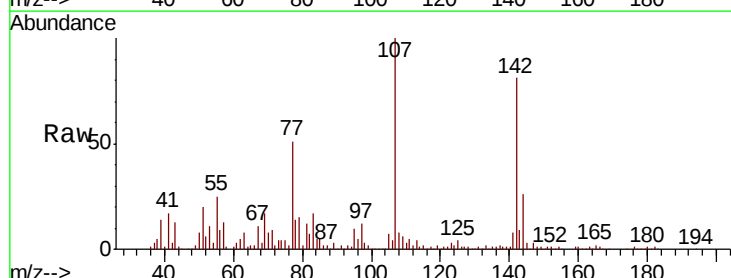
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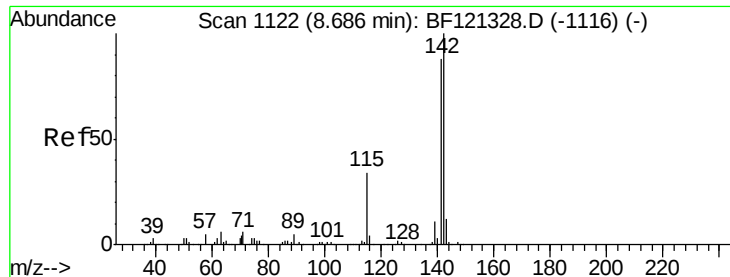
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 48.938 ng/ml
RT: 8.56 min Scan# 1100
Delta R.T. 0.02 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	21.1	31.7
142	81.1	65.6	98.4





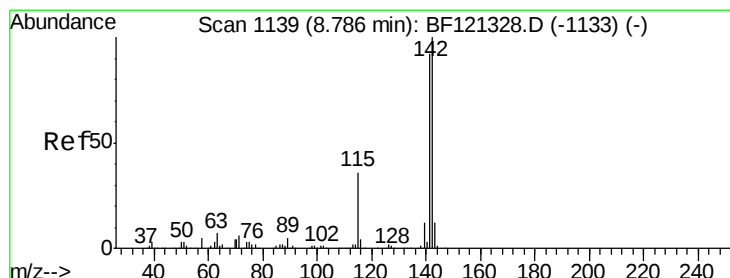
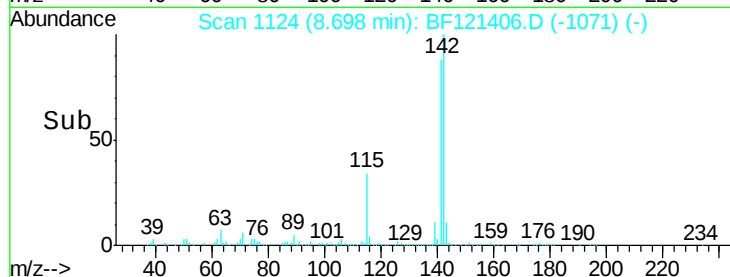
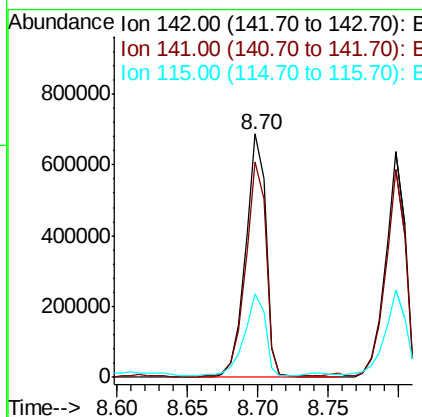
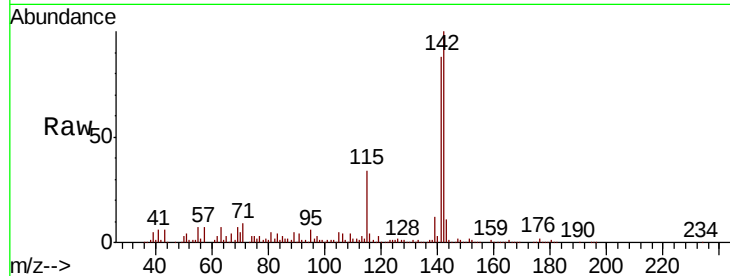
#37
2-Methylnaphthalene
Concen: 47.516 ng
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.3	105.5
115	34.4	26.9	40.3

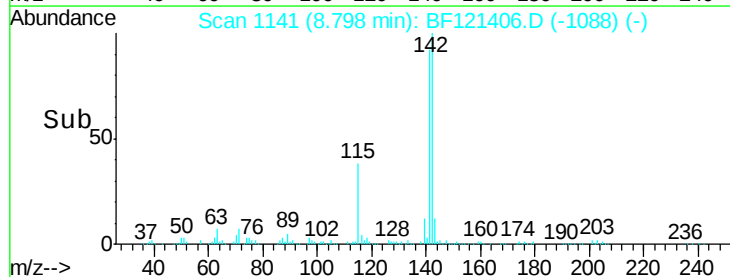
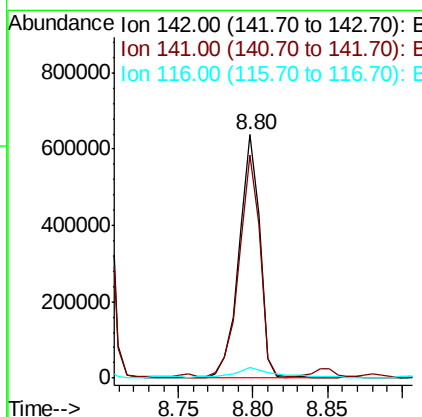
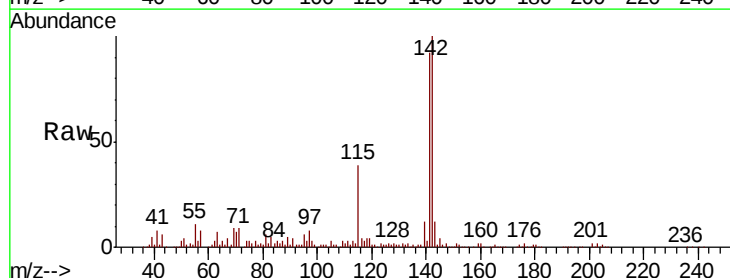
Manual Integrations
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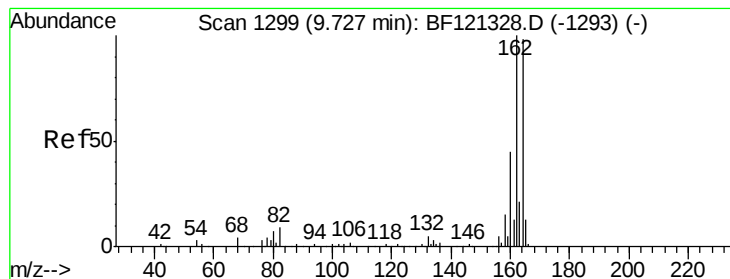
mohammad
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#38
1-Methylnaphthalene
Concen: 44.717 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.6	110.4
116	4.4	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.02 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Instrument :

BNA_F

ClientSampleId :

DRUM-COMPMSD

Tot Ion:164 Resp: 218866

Ion Ratio Lower Upper

164 100

162 102.4 81.7 122.5

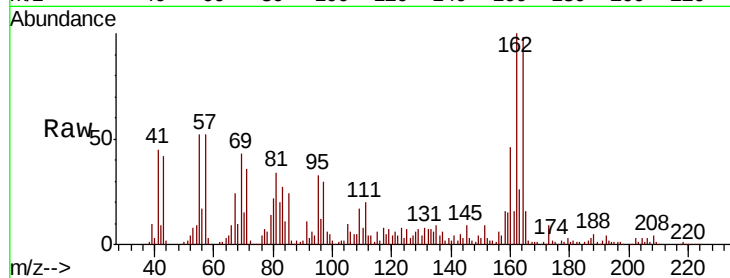
160 47.1 37.0 55.4

Manual Integrations

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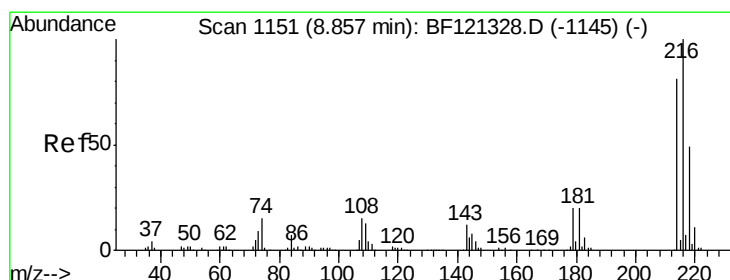
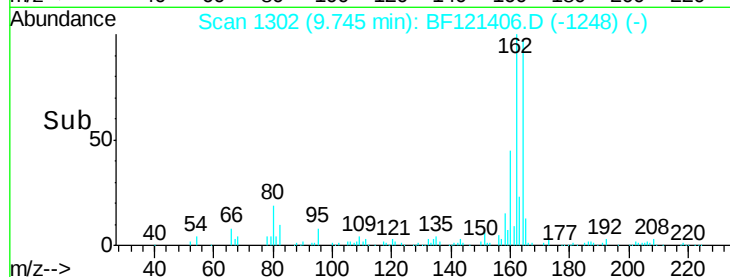
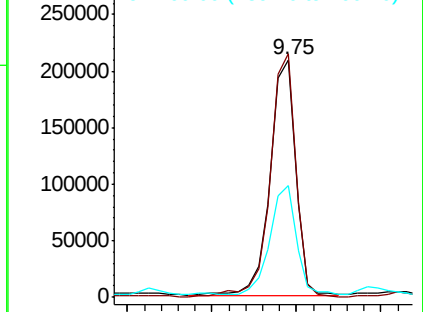


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.177 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Tgt Ion:216 Resp: 293468

Ion Ratio Lower Upper

216 100

214 79.8 64.2 96.2

179 21.4 16.4 24.6

108 18.9 14.2 21.4

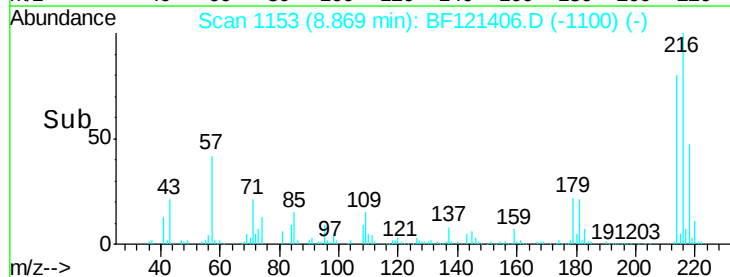
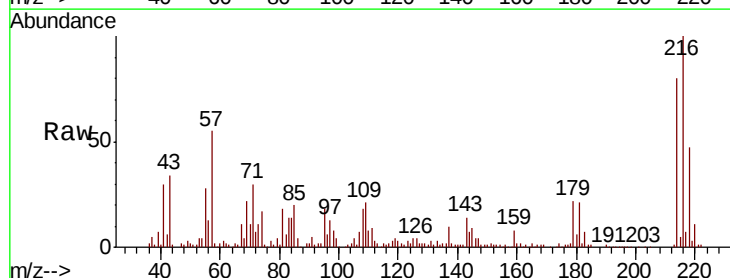
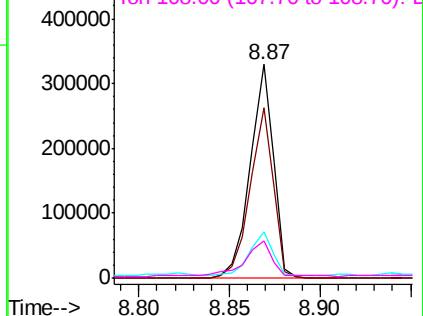
Abundance

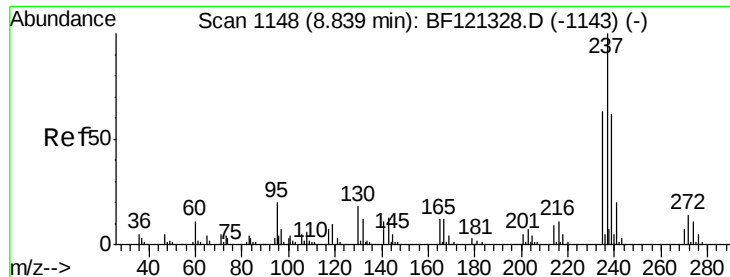
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 66.359 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Instrument :

BNA_F

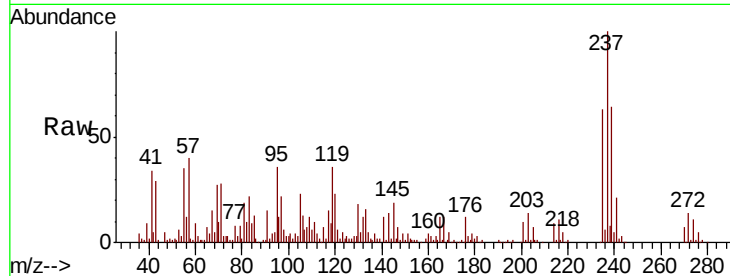
ClientSampleId :

DRUM-COMPMSD

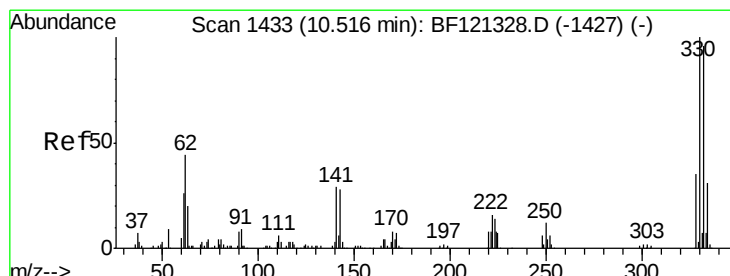
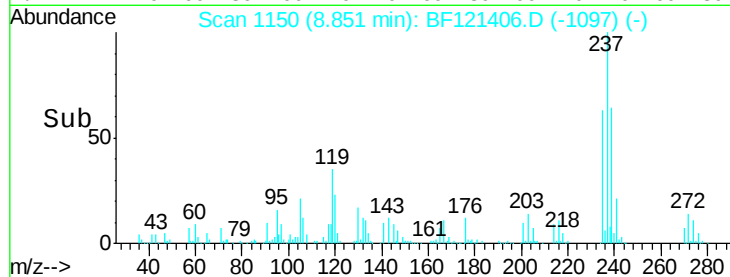
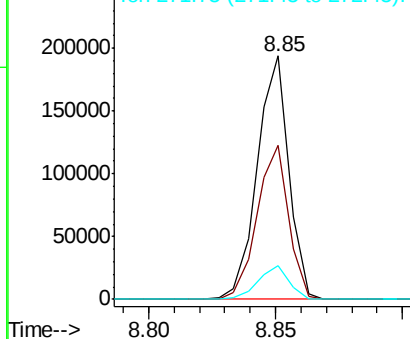
Tot Ion:	237	Resp:	167782
Ion Ratio	Lower	Upper	
237	100		
235	63.2	42.7	82.7
272	13.7	0.0	33.7

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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: 91.865 ng

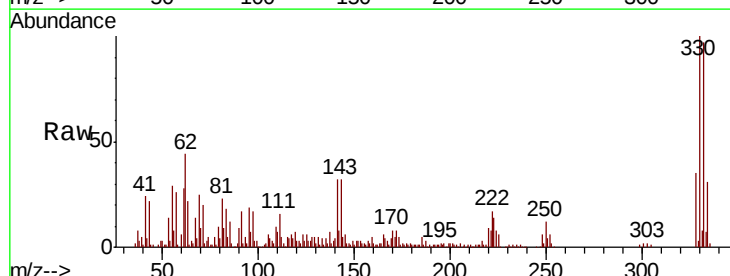
RT: 10.53 min Scan# 1436

Delta R.T. 0.02 min

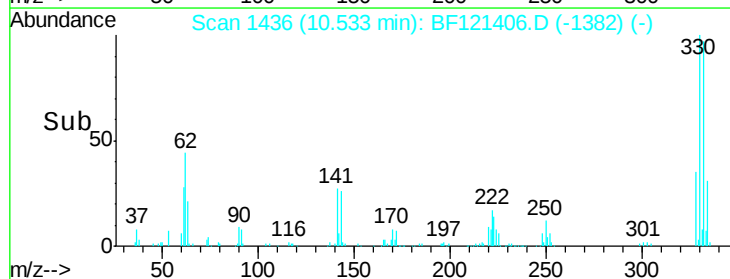
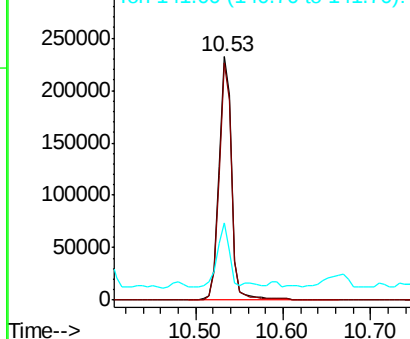
Lab File: BF121406.D

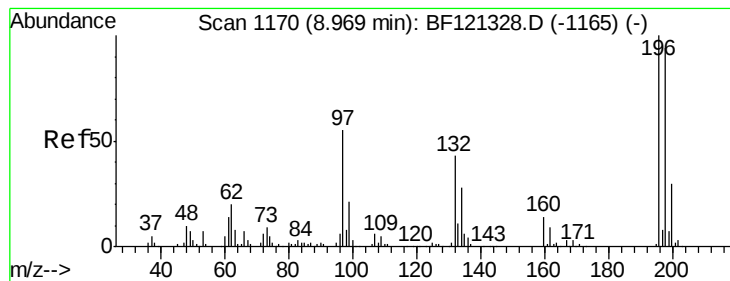
Acq: 24 Aug 2020 18:53

Tgt Ion:	330	Resp:	234300
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.9	115.3
141	24.9	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: 43.521 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.02 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Instrument :

BNA_F

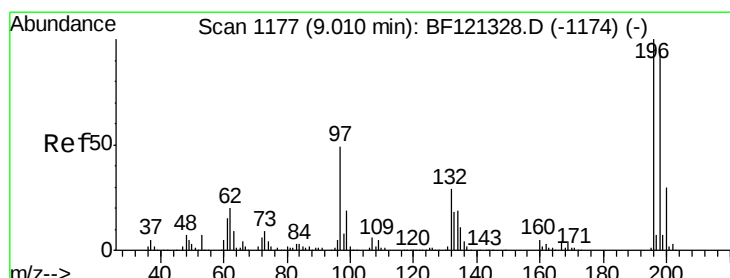
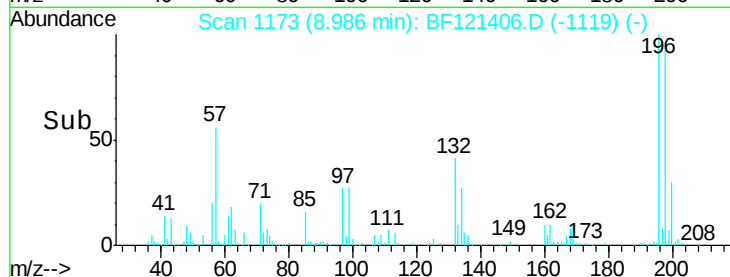
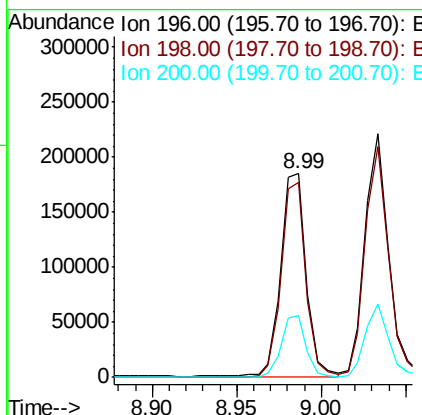
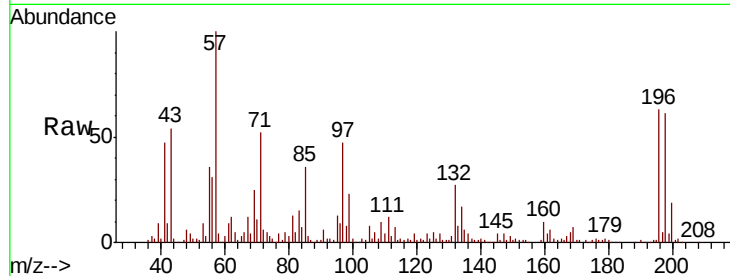
ClientSampleId :

DRUM-COMPMSD

Tot Ion:	196	Resp:	193273
Ion Ratio	Lower	Upper	
196	100		
198	95.9	75.6	113.4
200	30.2	24.2	36.2

Manual Integrations
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#44

2,4,5-Trichlorophenol

Concen: 46.687 ng

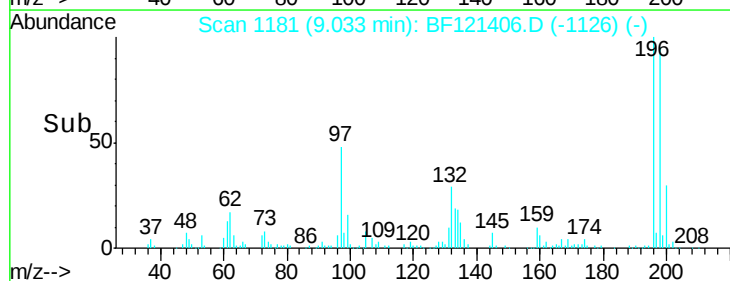
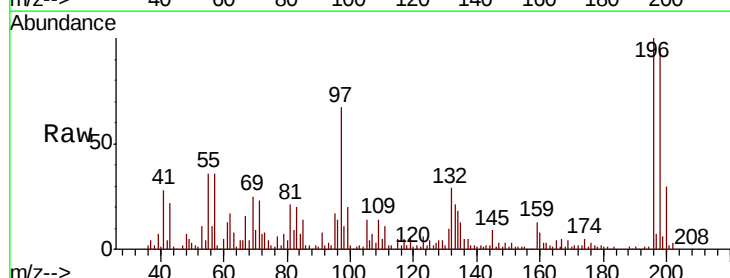
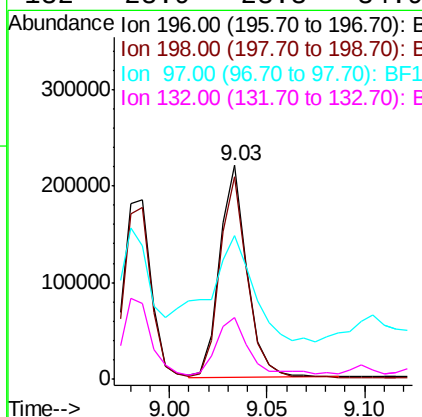
RT: 9.03 min Scan# 1181

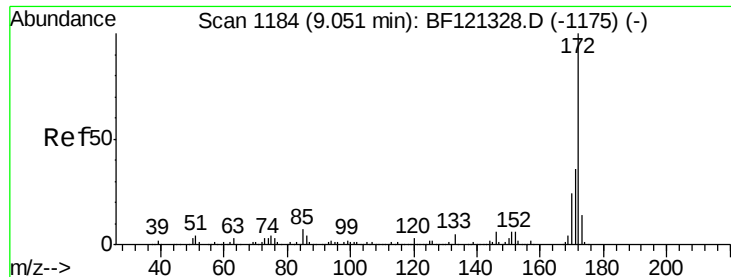
Delta R.T. 0.02 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Tgt Ion:	196	Resp:	213310
Ion Ratio	Lower	Upper	
196	100		
198	94.6	75.6	113.4
97	67.0	39.6	59.4#
132	28.9	23.3	34.9





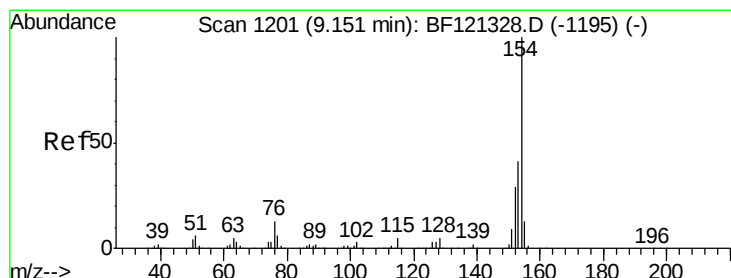
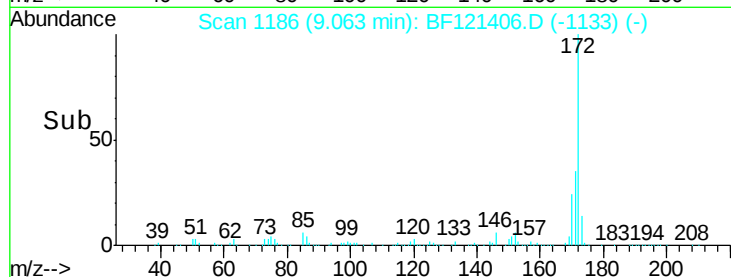
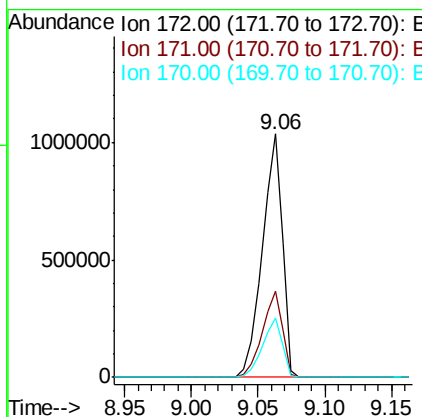
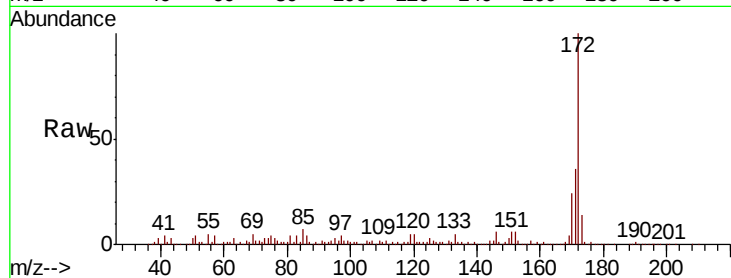
#45
2-Fluorobiphenyl
Concen: 95.381 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	24.2	19.4	29.2

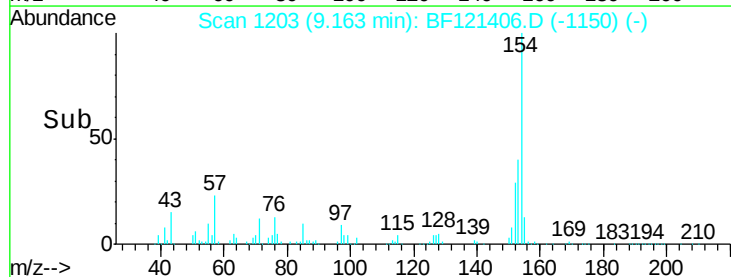
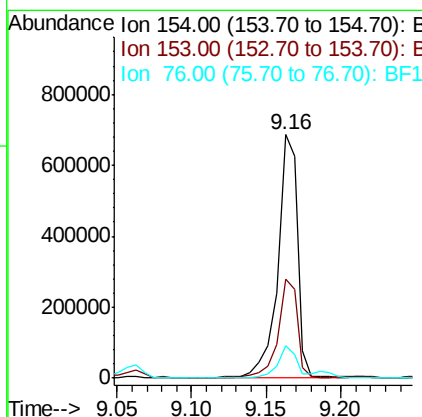
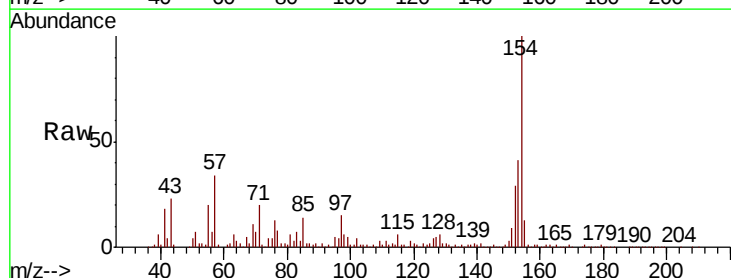
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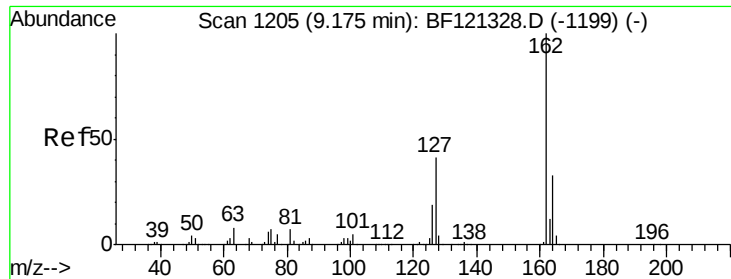
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#46
1,1'-Biphenyl
Concen: 38.105 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.8	60.8
76	13.2	0.0	33.1





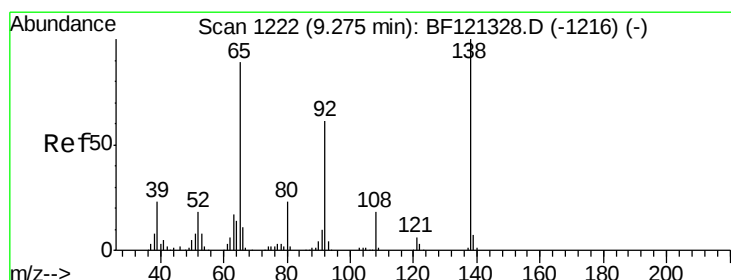
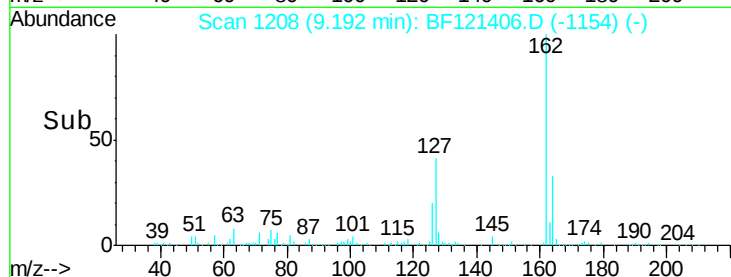
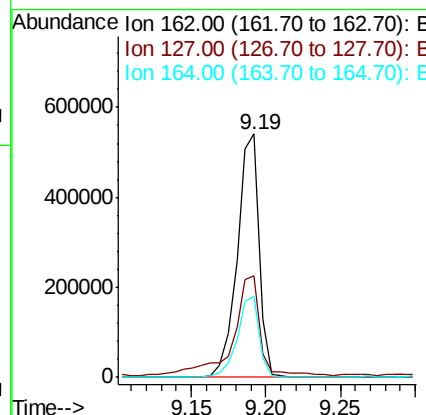
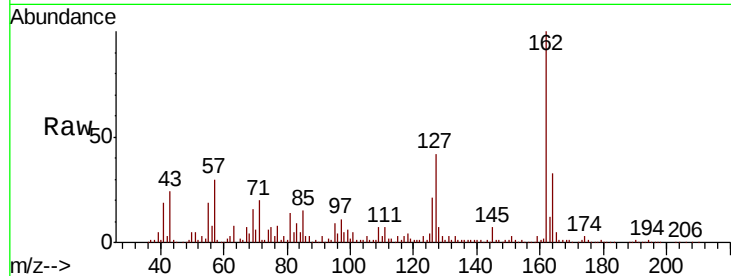
#47
2-Chloronaphthalene
Concen: 41.025 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.02 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	554441		
127	41.9		33.1	49.7
164	33.2		26.5	39.7

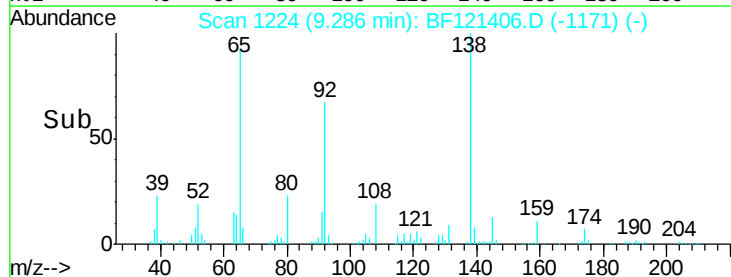
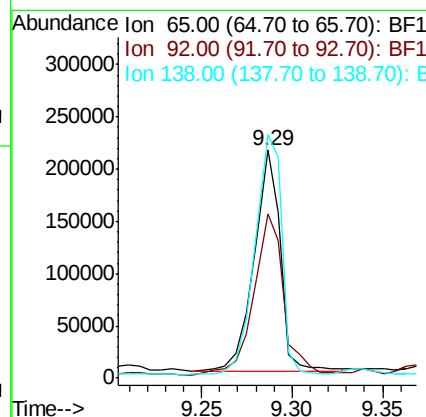
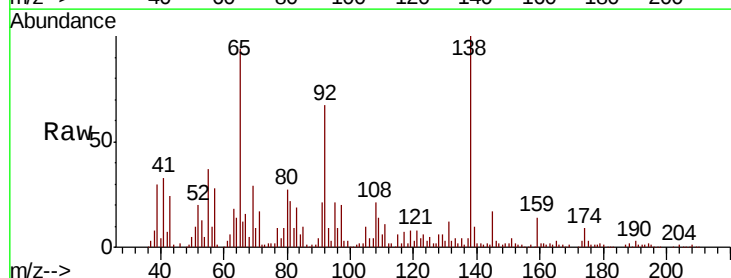
Manual Integrations
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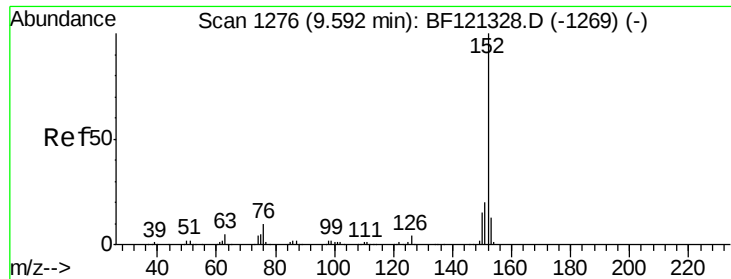
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#48
2-Nitroaniline
Concen: 49.595 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	211037		
92	71.9		54.9	82.3
138	106.9		89.5	134.3





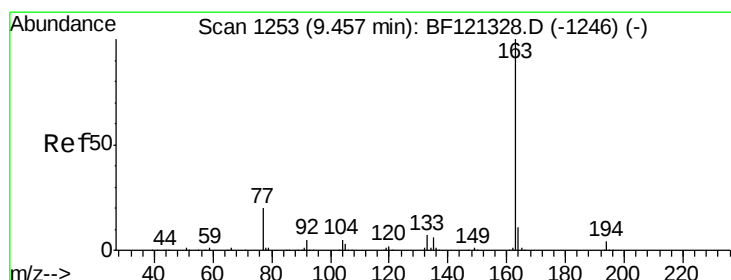
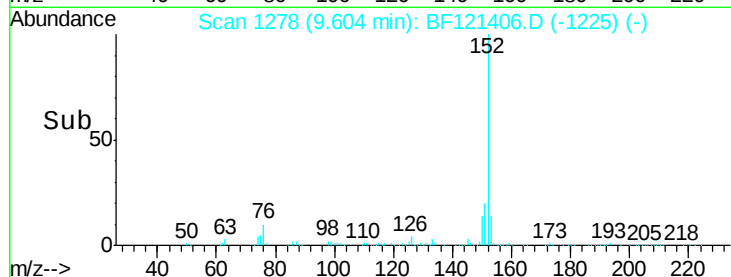
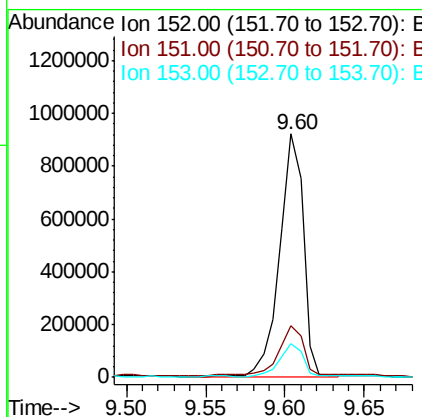
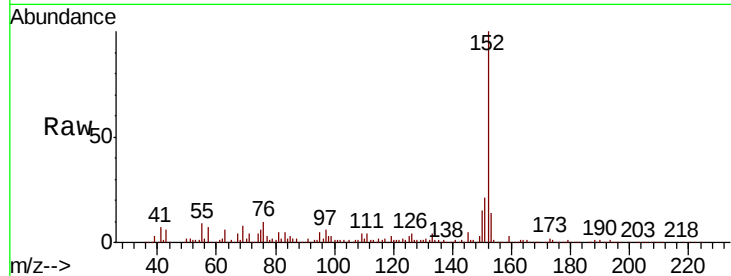
#49
Acenaphthylene
Concen: 47.385 ng
RT: 9.60 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		951203		
151	20.9	16.4	24.6		
153	13.8	10.6	16.0		

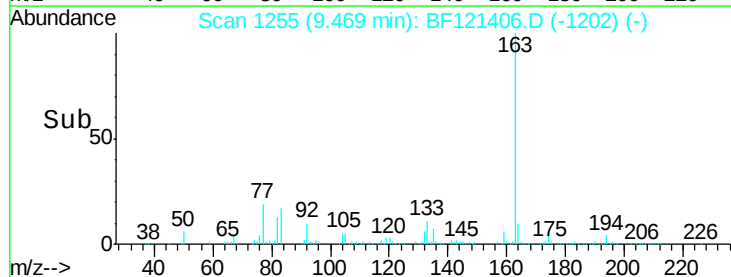
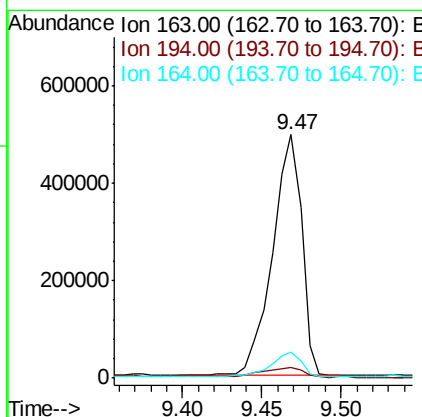
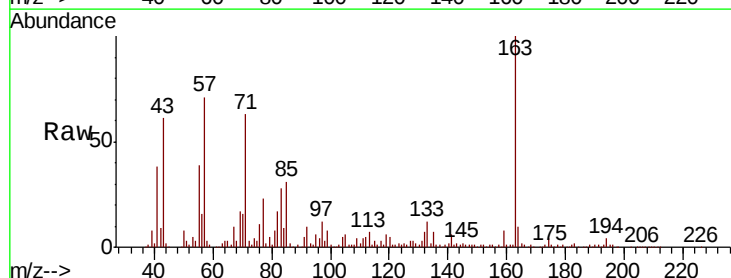
Manual Integrations
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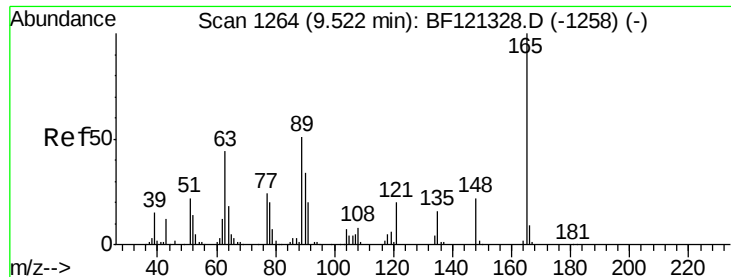
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#50
Dimethylphthalate
Concen: 39.932 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		635835		
194	4.4	3.0	4.6		
164	10.5	8.4	12.6		





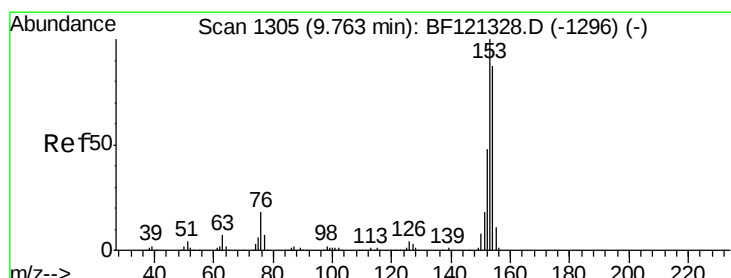
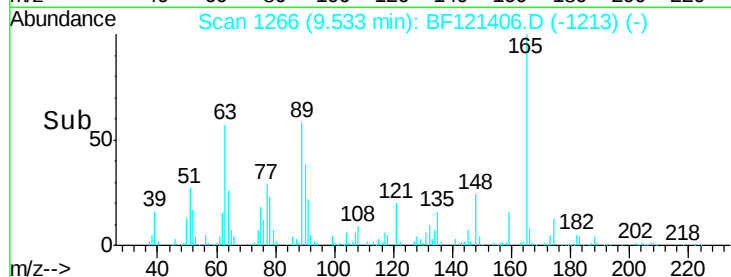
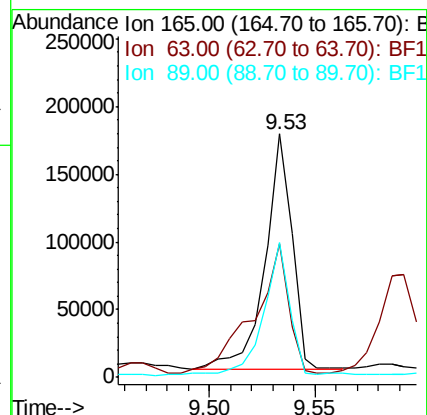
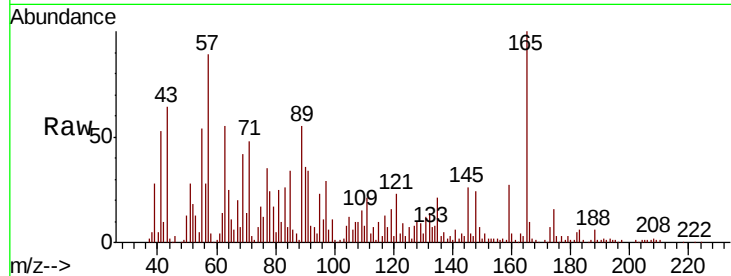
#51
 2,6-Dinitrotoluene
 Concen: 45.496 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.01 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	154715		
63	54.8	38.5	57.7	
89	55.3	41.2	61.8	

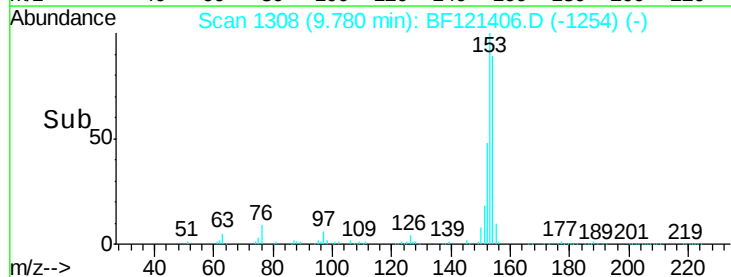
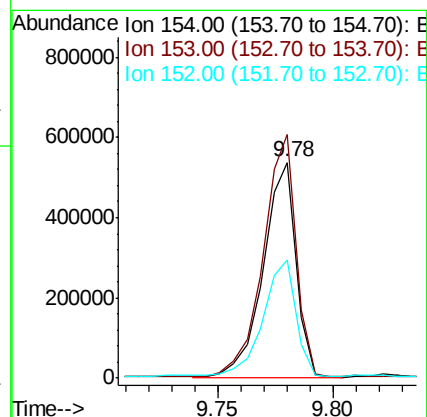
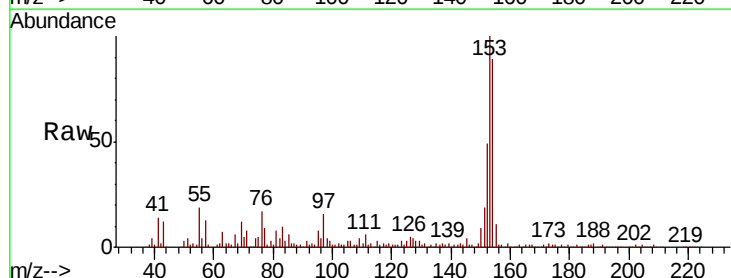
Manual Integrations
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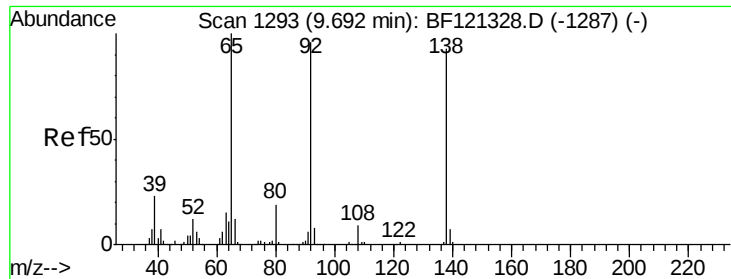
mohammad
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#52
 Acenaphthene
 Concen: 43.424 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. 0.02 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	529640		
153	113.0	92.0	138.0	
152	55.0	44.6	66.8	





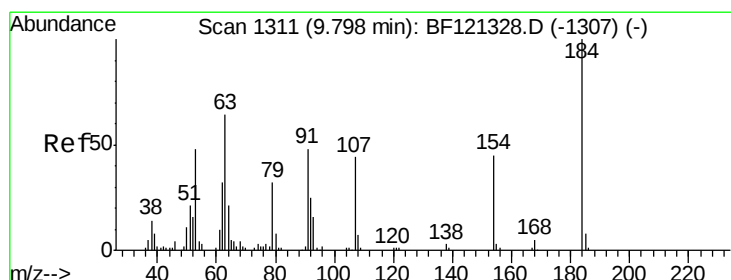
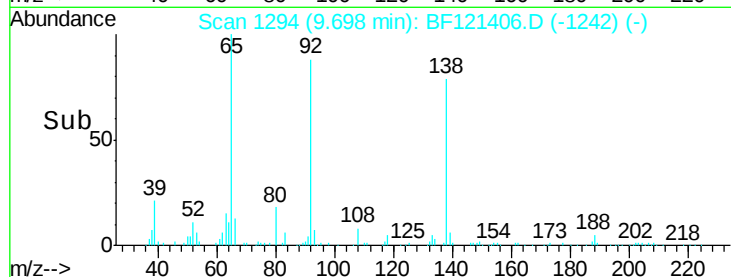
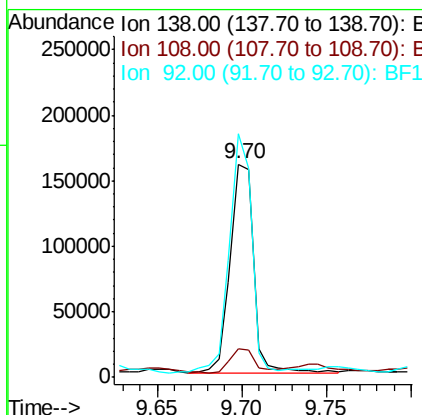
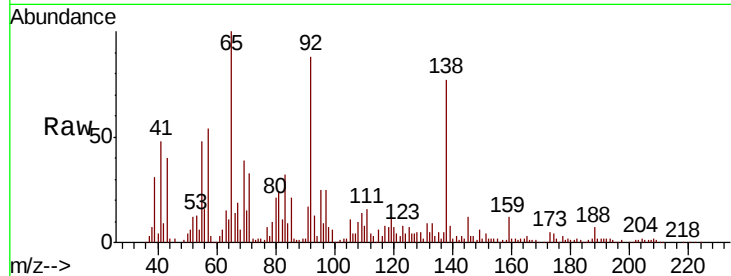
#53
3-Nitroaniline
Concen: 36.154 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.5	7.5	11.3#
92	114.3	83.0	124.4

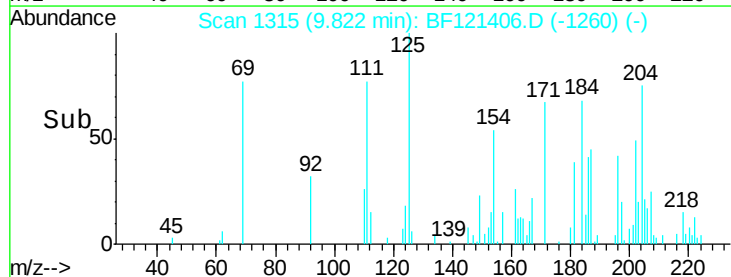
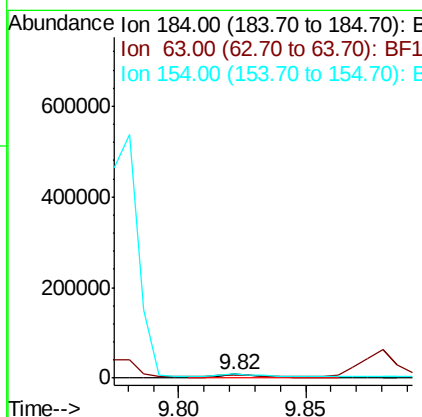
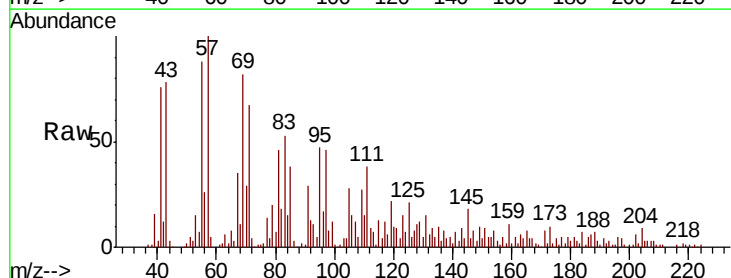
Manual Integrations
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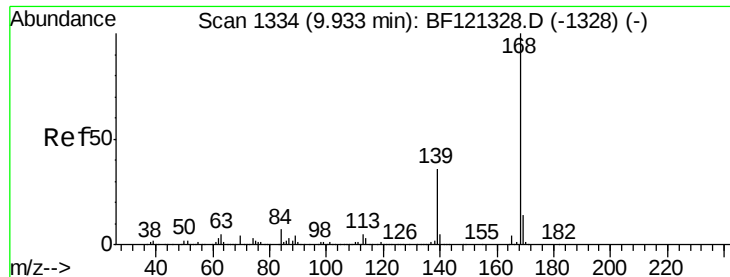
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#54
2,4-Dinitrophenol
Concen: 7.318 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.02 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	87.2	51.5	77.3#
154	106.9	48.0	72.0#





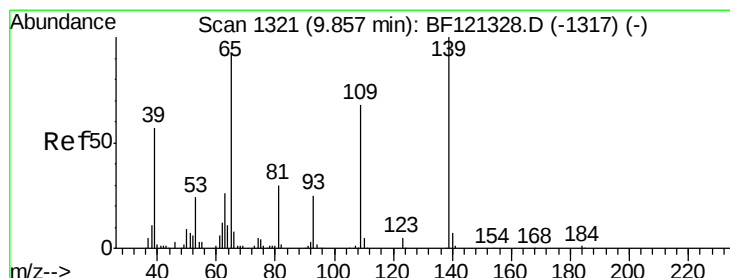
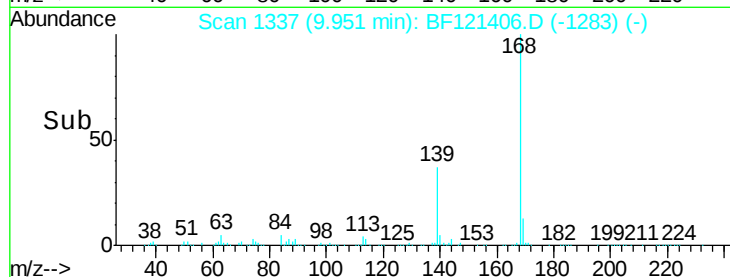
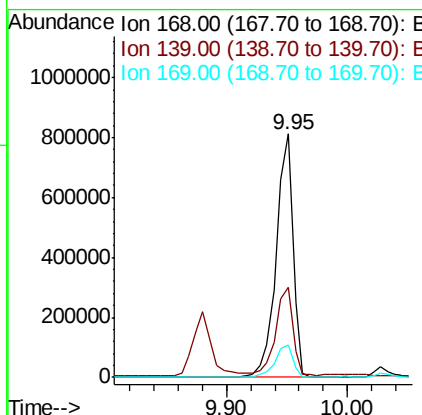
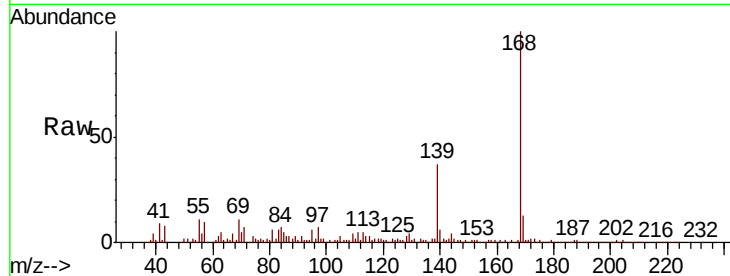
#55
Dibenzofuran
Concen: 50.153 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.1	43.7
169	13.5	11.0	16.6

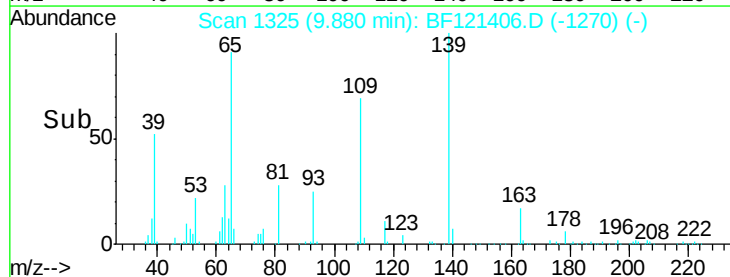
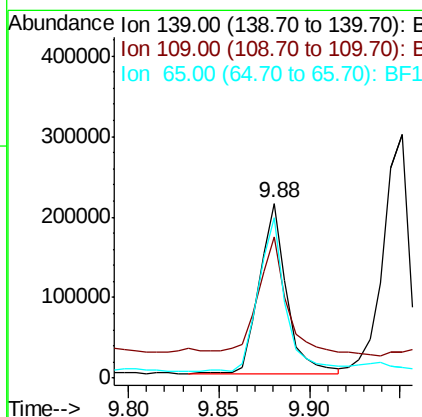
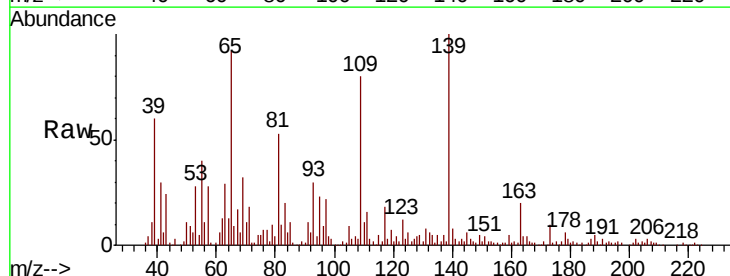
Manual Integrations
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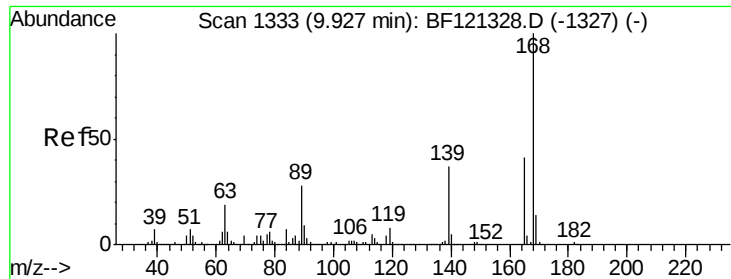
mohammad
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#56
4-Nitrophenol
Concen: 84.116 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.02 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.5	47.7	87.7
65	91.8	73.2	113.2





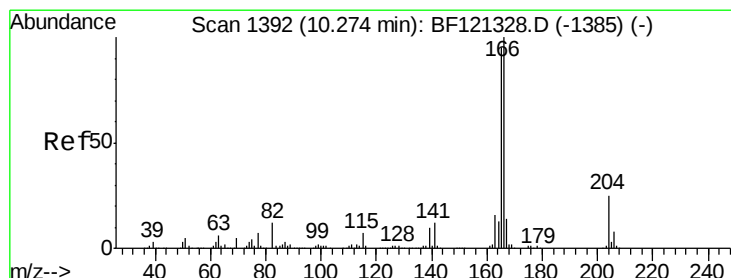
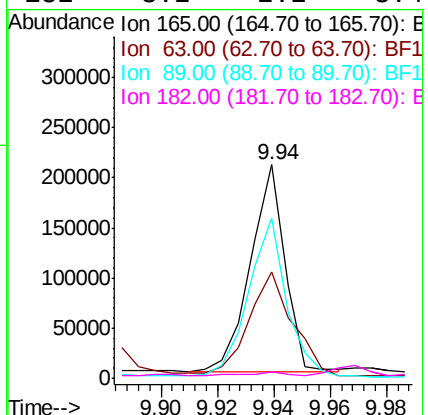
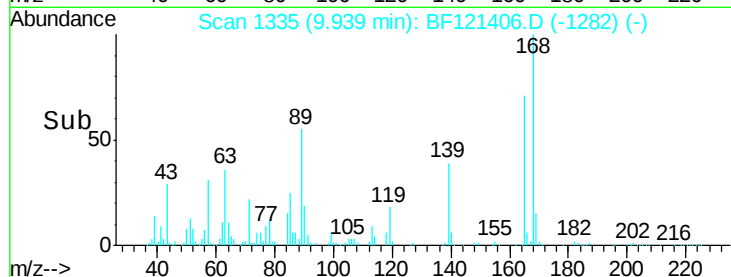
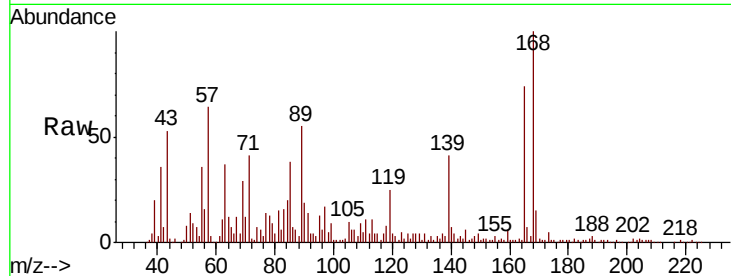
#57
 2,4-Dinitrotoluene
 Concen: 42.029 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	174361		
63	49.8	37.5	56.3	
89	75.0	54.2	81.4	
182	3.2	2.2	3.4	

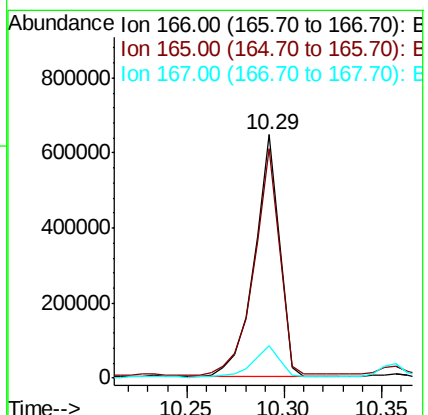
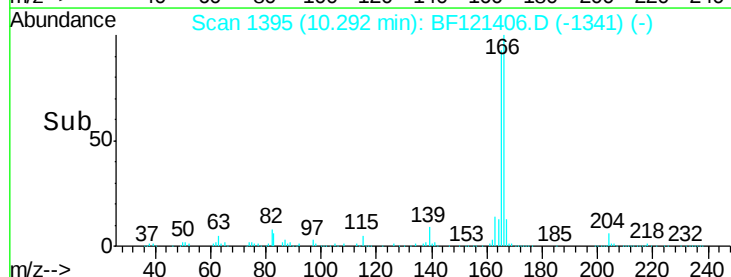
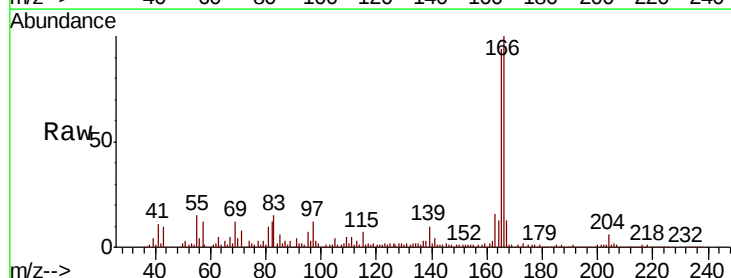
Manual Integrations
 APPROVED

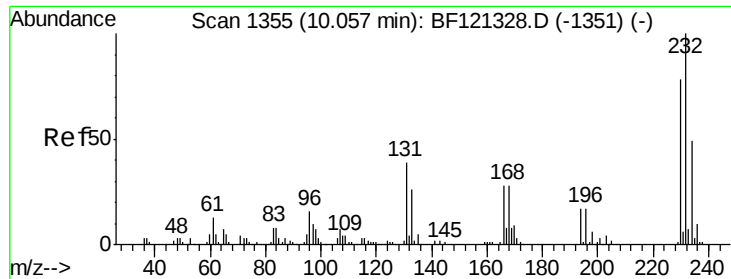
mohammad
 8/25/2020 4:19:14 PM



#58
 Fluorene
 Concen: 51.075 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.02 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	575311		
165	94.3	75.8	113.8	
167	13.3	11.0	16.4	





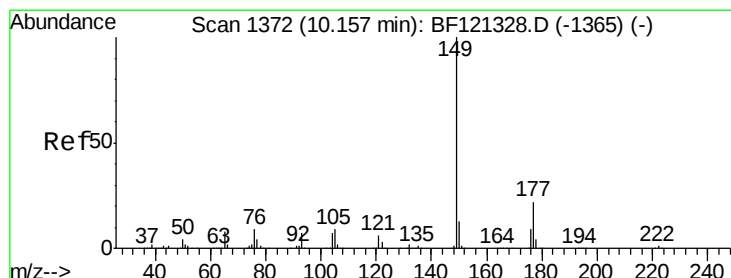
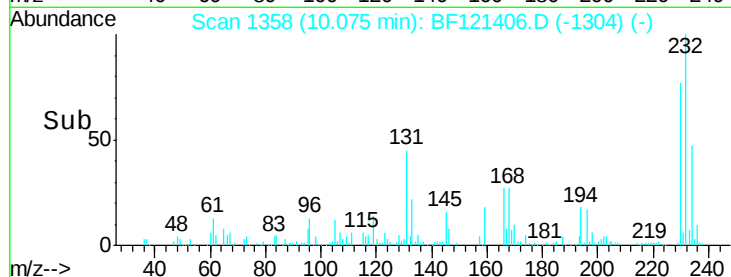
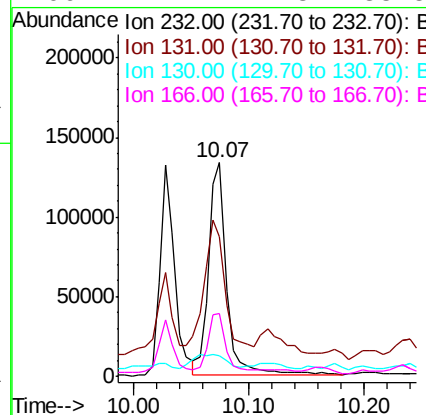
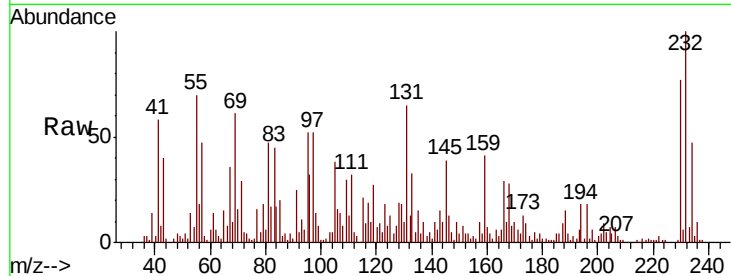
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.378 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.02 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		145990		
131	72.5	34.2	51.4#		
130	11.5	1.7	2.5#		
166	24.7	22.3	33.5		

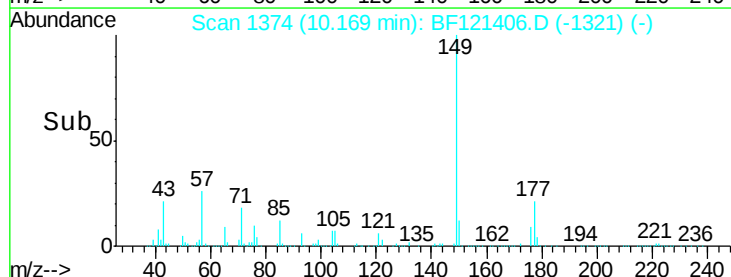
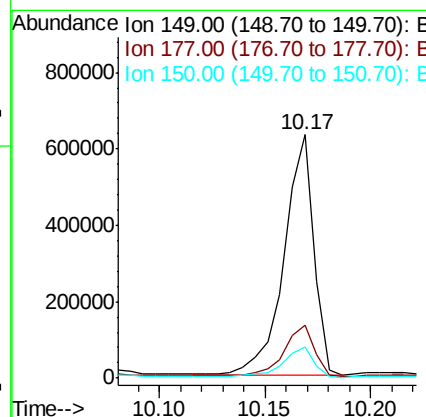
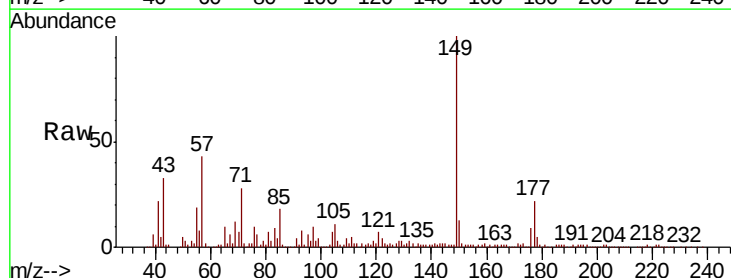
Manual Integrations
 APPROVED

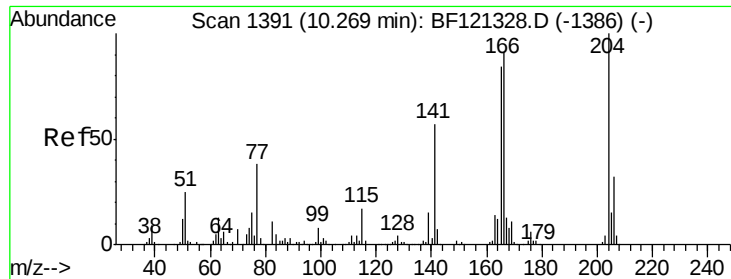
mohammad
 8/25/2020 4:19:14 PM



#60
 Diethylphthalate
 Concen: 40.047 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		622688		
177	21.8	17.6	26.4		
150	12.8	10.1	15.1		





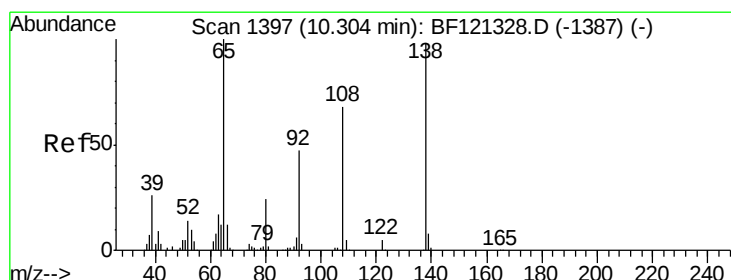
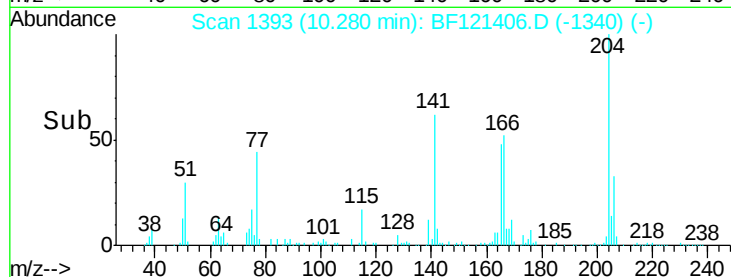
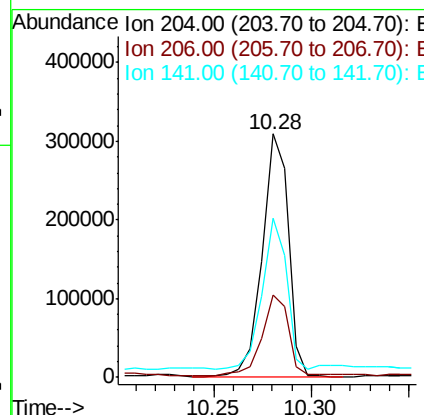
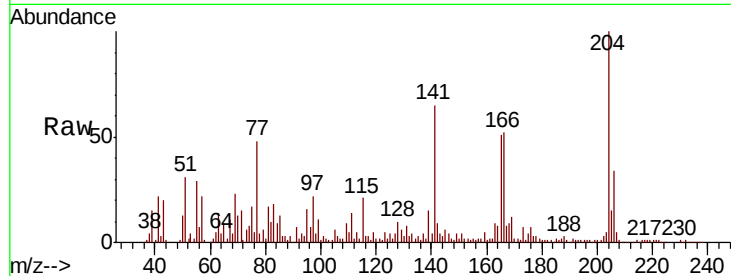
#61
4-Chlorophenyl-phenylether
Concen: 50.259 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	25.9	38.9
141	65.3	45.5	68.3

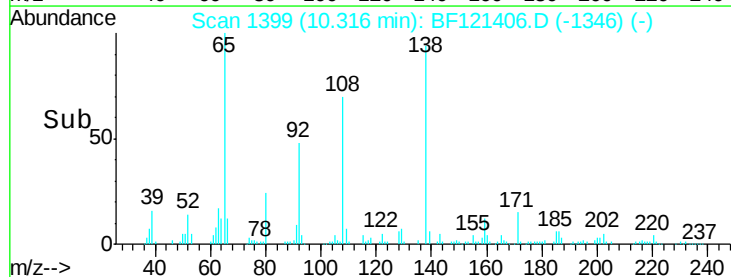
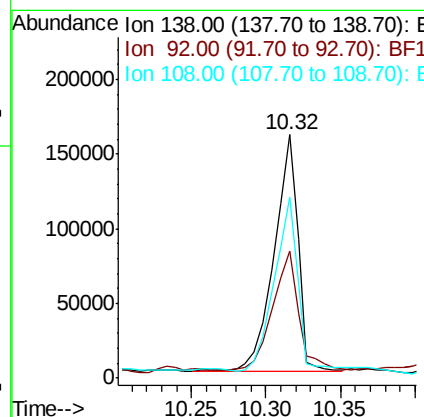
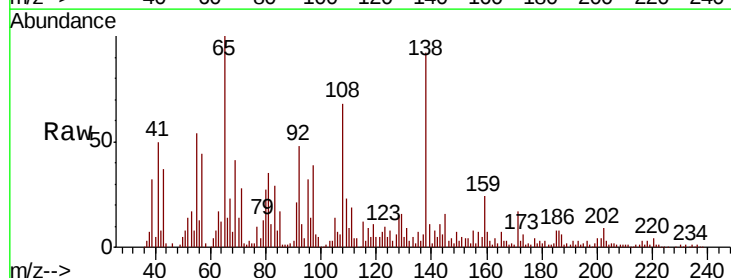
Manual Integrations
APPROVED

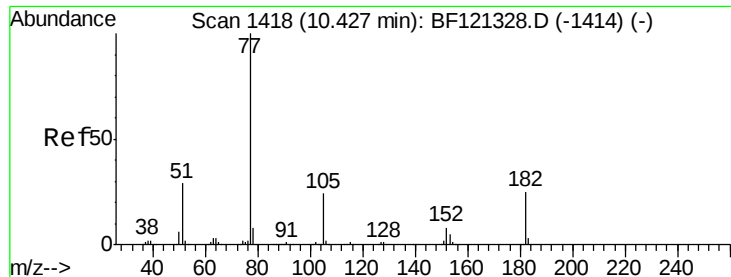
mohammad
8/25/2020 4:19:14 PM



#62
4-Nitroaniline
Concen: 40.177 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.0	28.1	68.1
108	74.3	49.5	89.5





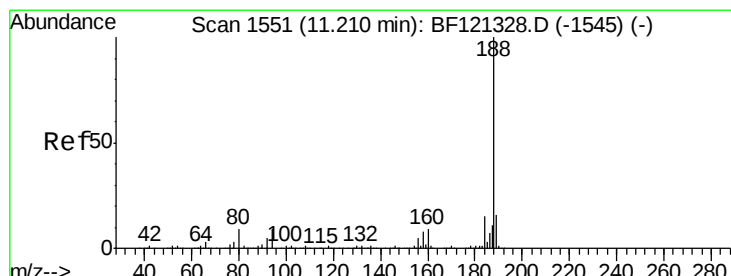
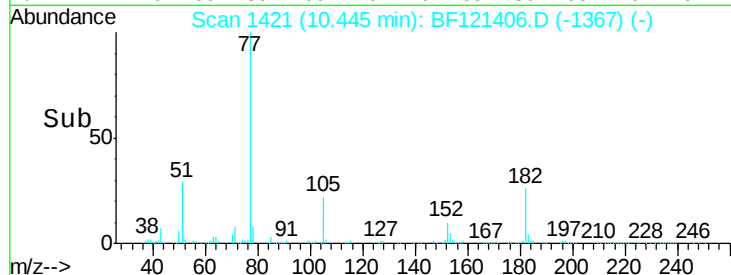
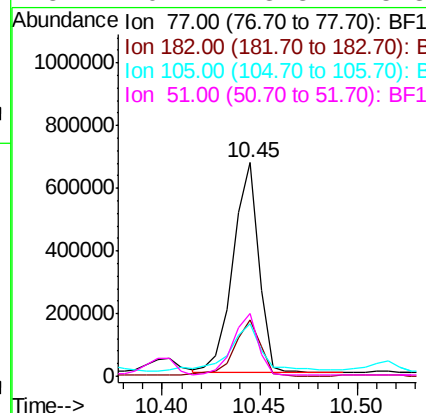
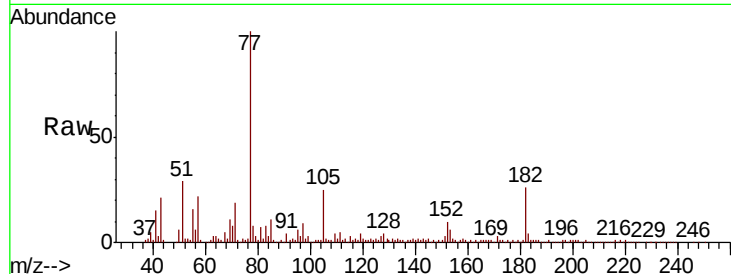
#63
Azobenzene
Concen: 42.197 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.02 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		609401		
182	26.1	5.0	45.0		
105	24.6	3.6	43.6		
51	29.4	8.8	48.8		

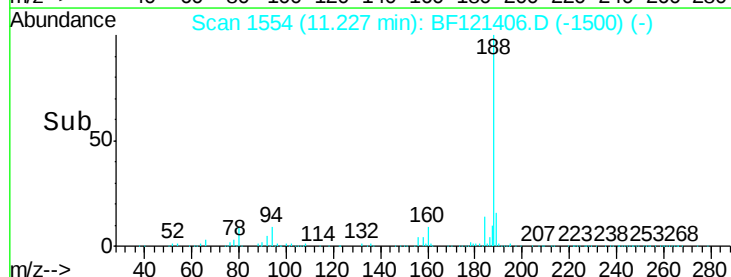
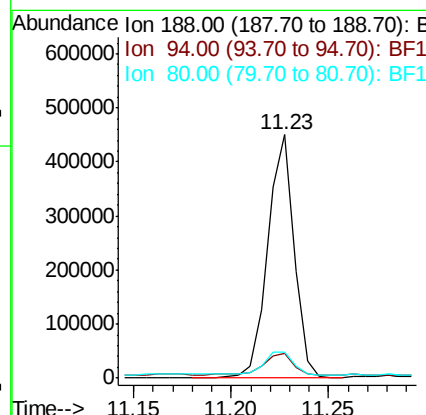
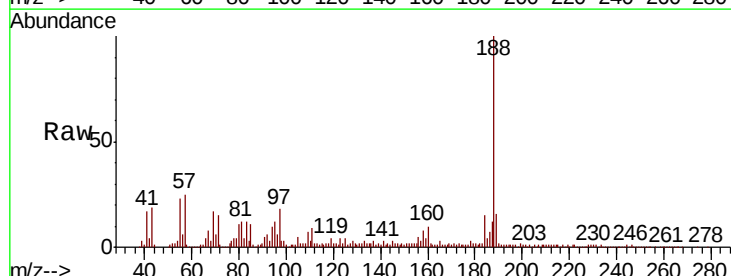
Manual Integrations
APPROVED

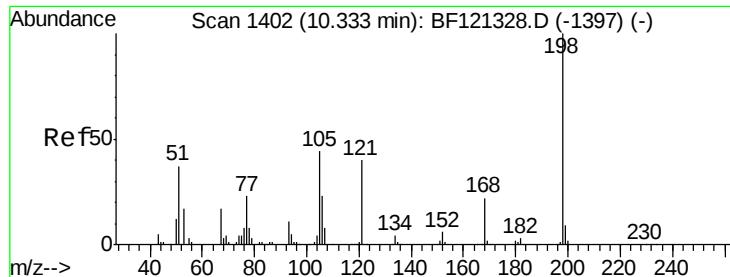
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.02 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		416350		
94	10.2	7.2	10.8		
80	10.6	7.4	11.0		





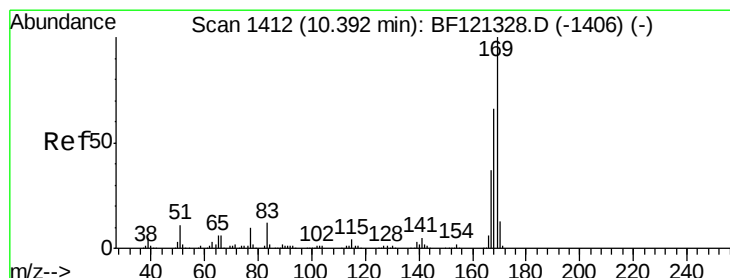
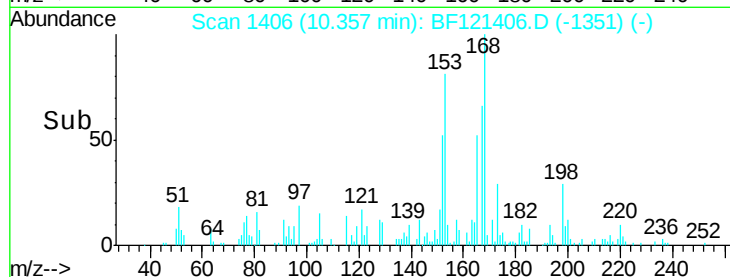
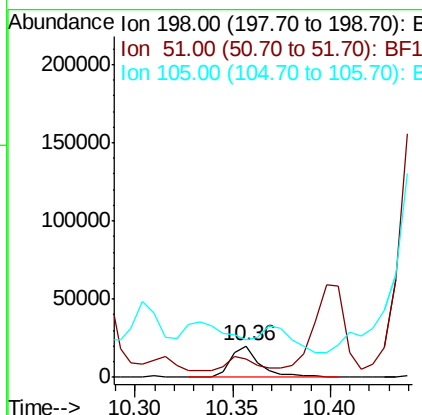
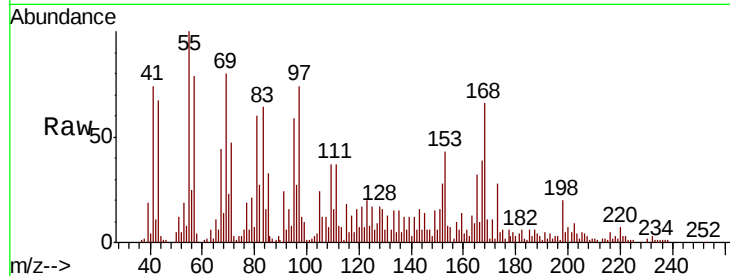
#65
4,6-Dinitro-2-methylphenol
Concen: 8.903 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.02 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	19823		
51	60.5	25.5	65.5	
105	119.4	24.9	64.9	

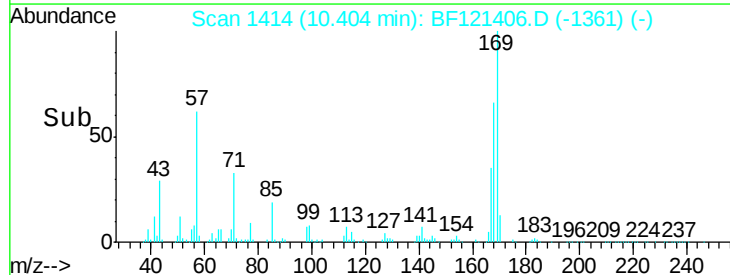
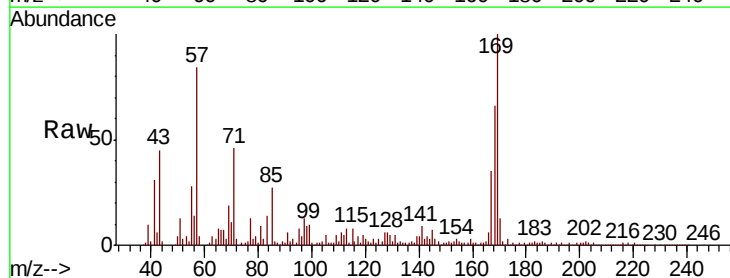
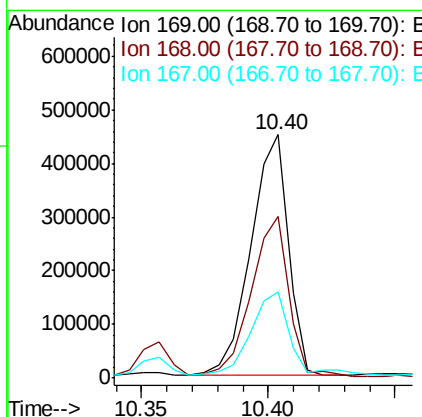
Manual Integrations
APPROVED

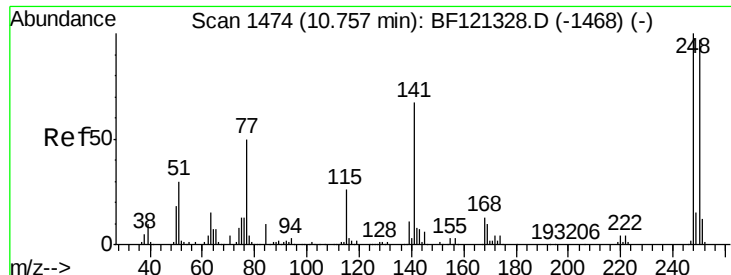
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 36.105 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	463684		
168	66.4	53.0	79.6	
167	35.4	29.5	44.3	





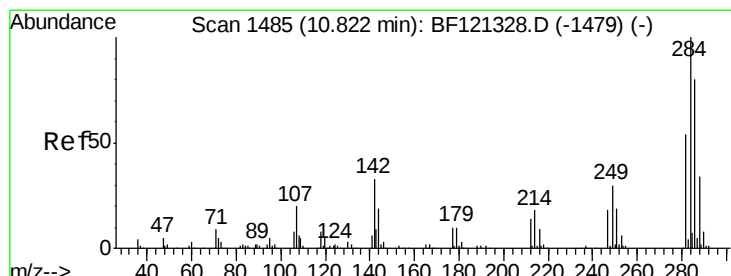
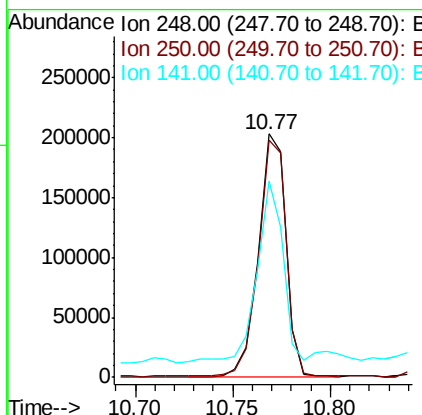
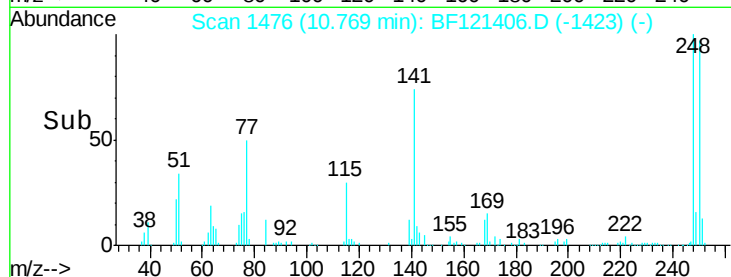
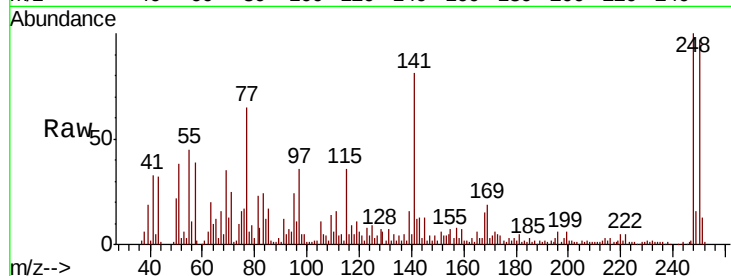
#67
 4-Bromophenyl-phenylether
 Concen: 42.640 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMPMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.9	116.9
141	80.7	53.5	80.3#

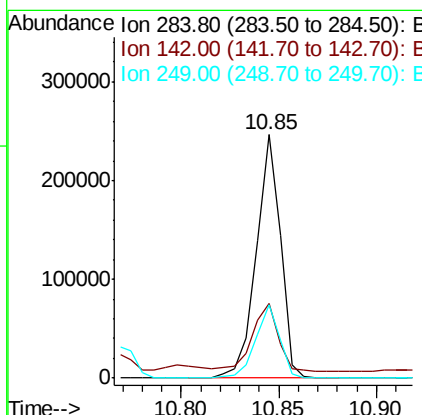
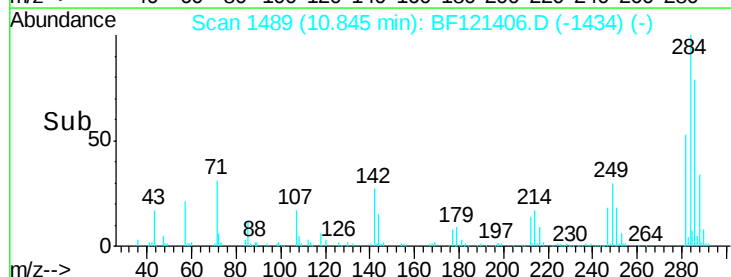
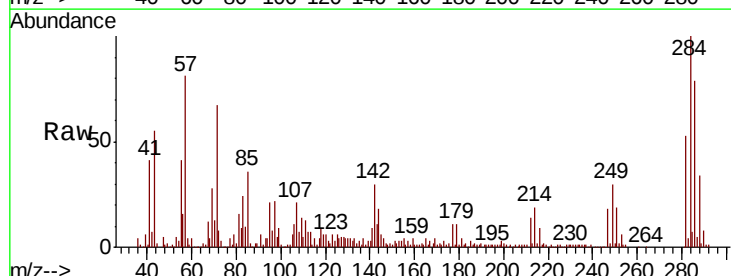
Manual Integrations
 APPROVED

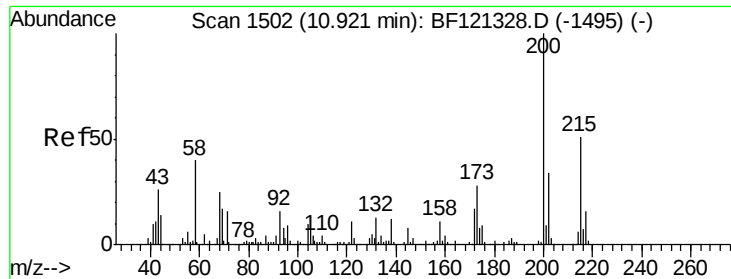
mohammad
 8/25/2020 4:19:14 PM



#68
 Hexachlorobenzene
 Concen: 39.854 ng
 RT: 10.85 min Scan# 1489
 Delta R.T. 0.02 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.5	26.1	39.1
249	29.9	24.0	36.0





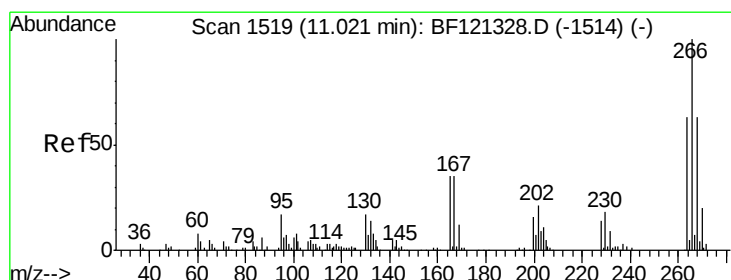
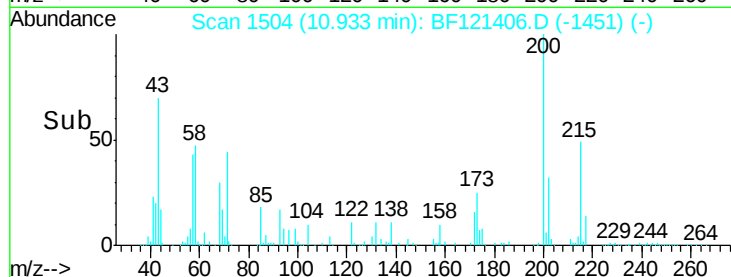
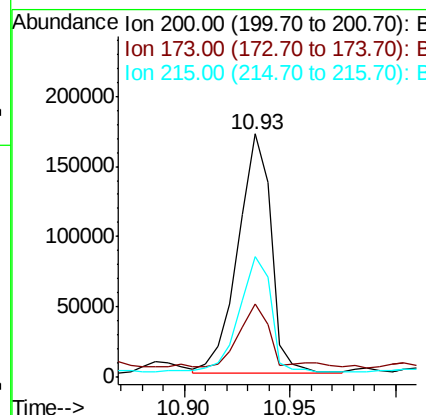
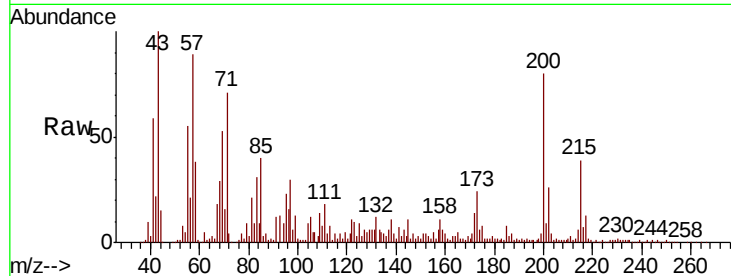
#69
Atrazine
Concen: 46.989 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	30.0	7.8	47.8
215	49.4	30.5	70.5

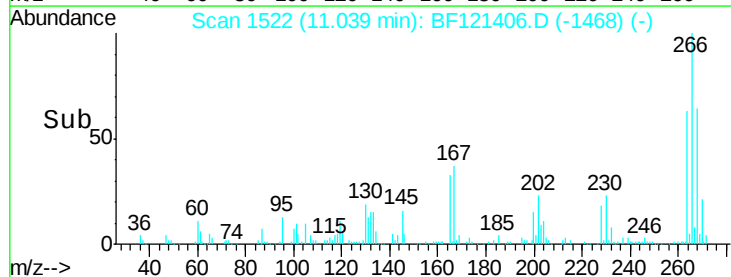
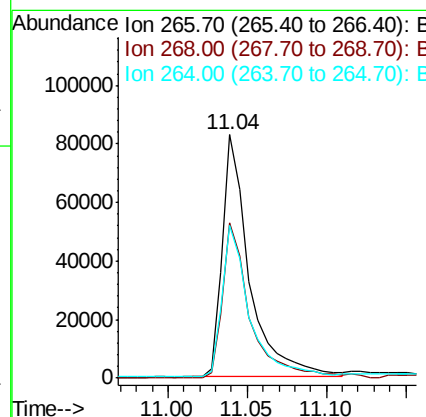
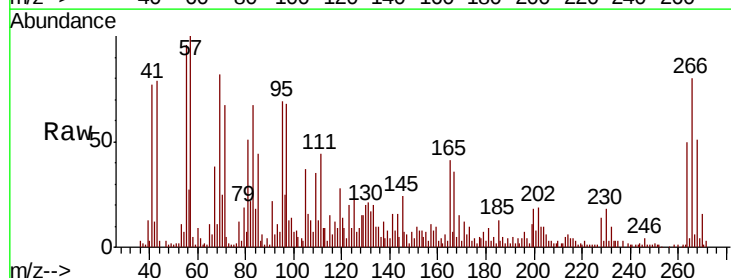
Manual Integrations
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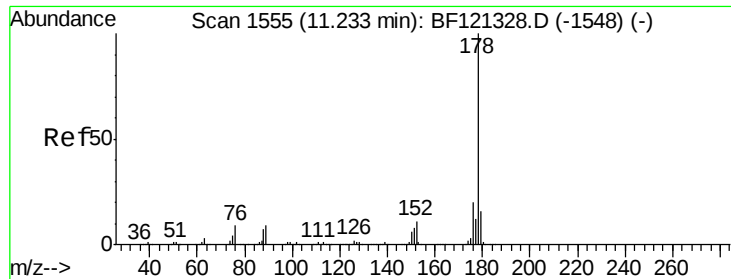
mohammad
8/25/2020 4:19:14 PM



#70
Pentachlorophenol
Concen: 41.694 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.02 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	50.6	75.8
264	62.5	50.5	75.7





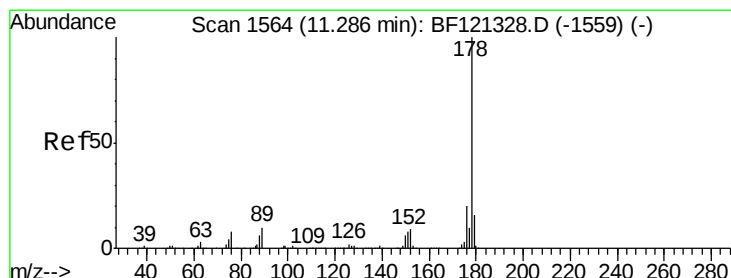
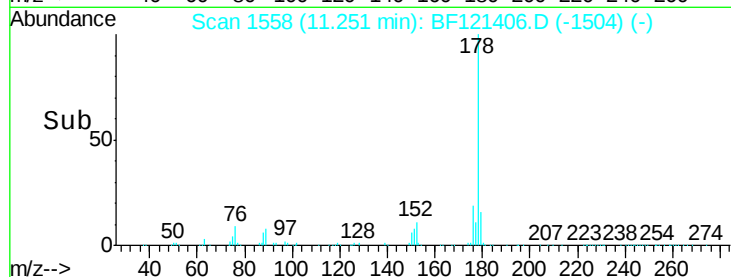
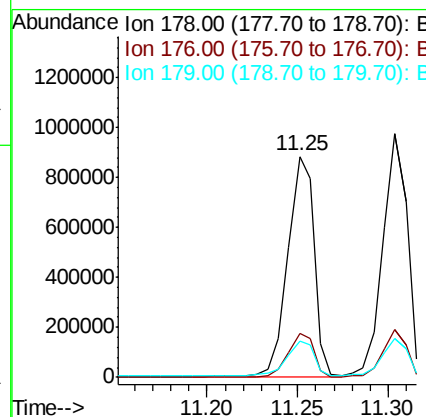
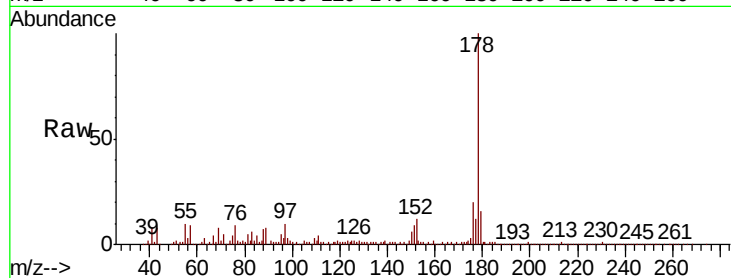
#71
Phenanthrene
Concen: 41.493 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.02 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	16.3	12.8	19.2

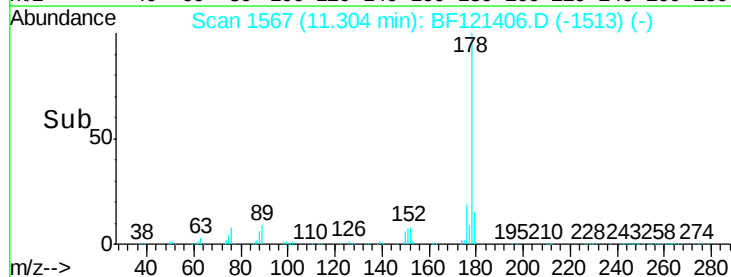
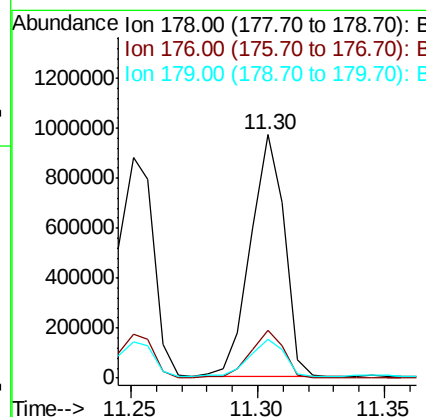
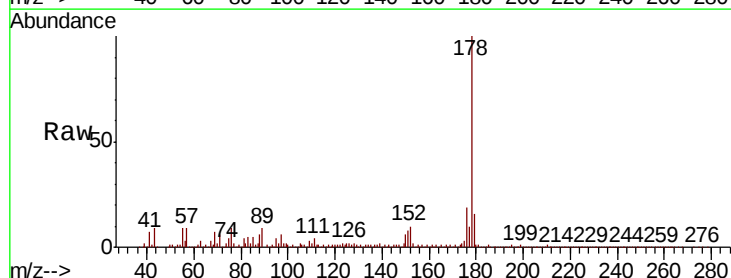
Manual Integrations
APPROVED

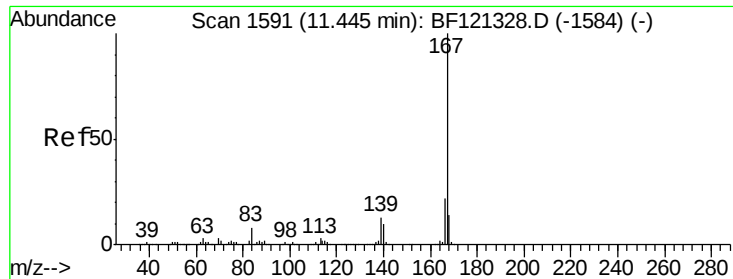
mohammad
8/25/2020 4:19:14 PM



#72
Anthracene
Concen: 43.462 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.02 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	16.1	12.8	19.2





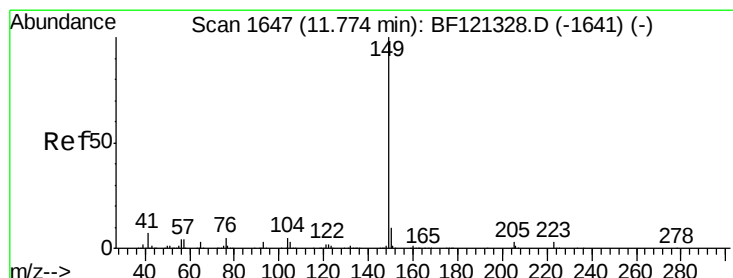
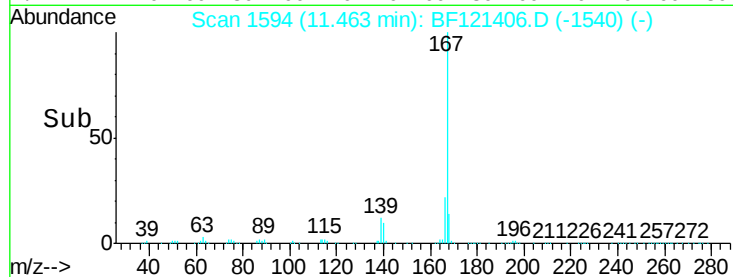
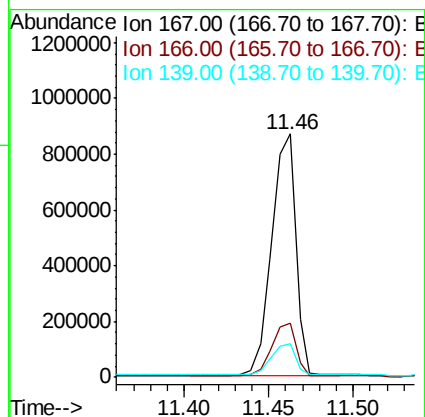
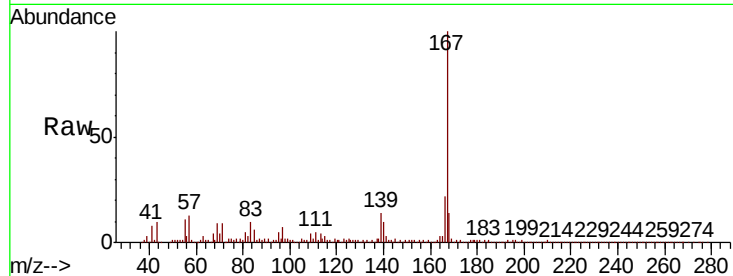
#73
 Carbazole
 Concen: 43.499 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. 0.02 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMPMSD

Tot Ion:	167	Resp:	861441
Ion Ratio	Lower	Upper	
167	100		
166	22.5	17.7	26.5
139	13.6	10.2	15.2

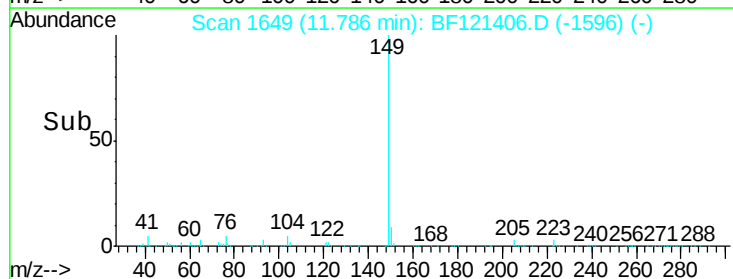
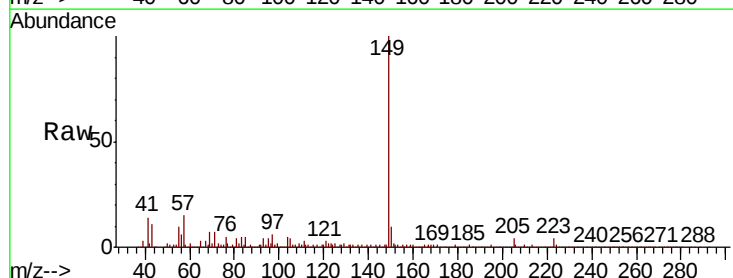
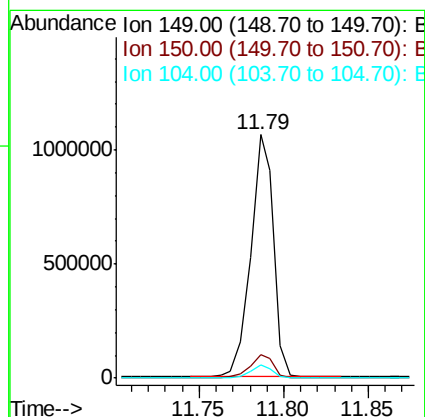
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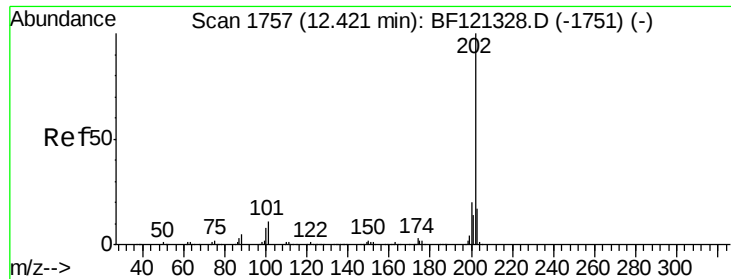
mohammad
 8/25/2020 4:19:14 PM



#74
 Di-n-butylphthalate
 Concen: 41.451 ng
 RT: 11.79 min Scan# 1649
 Delta R.T. 0.01 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Tgt Ion:	149	Resp:	989849
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.7	11.5
104	5.3	3.9	5.9





#75

Fluoranthene

Concen: 44.450 ng

RT: 12.44 min Scan# 1760

Delta R.T. 0.02 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Instrument :

BNA_F

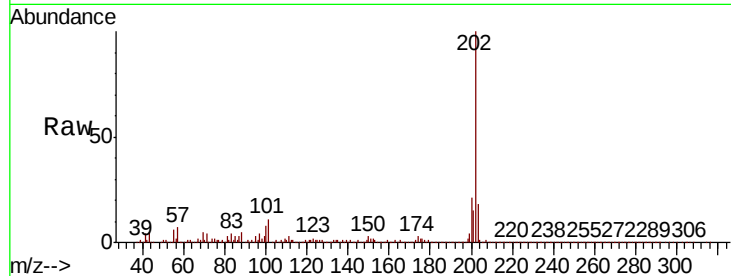
ClientSampleId :

DRUM-COMPMSD

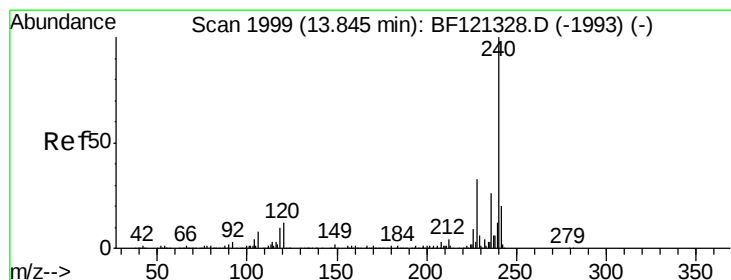
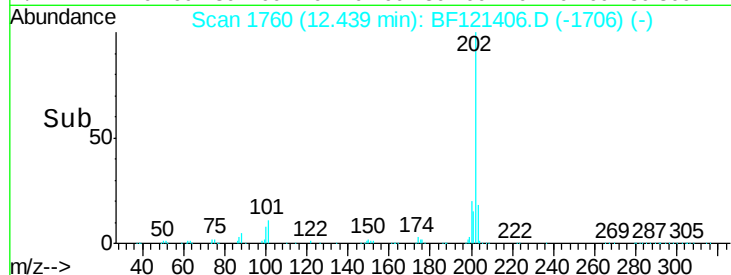
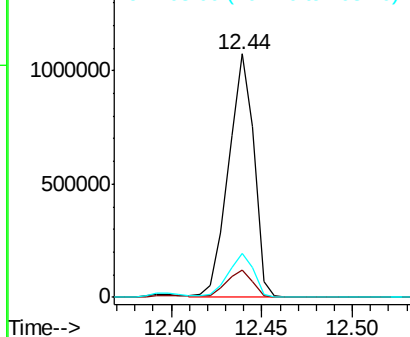
Tot Ion:	202	Resp:	1039631
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	30.6
203	18.2	0.0	37.5

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

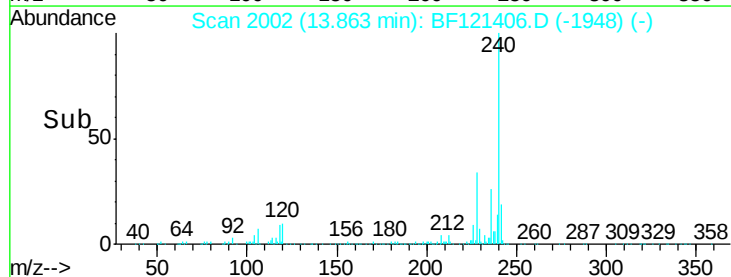
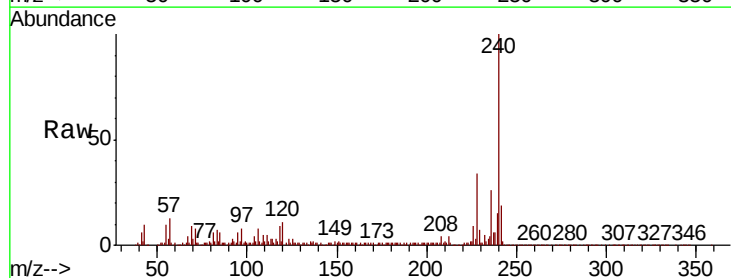
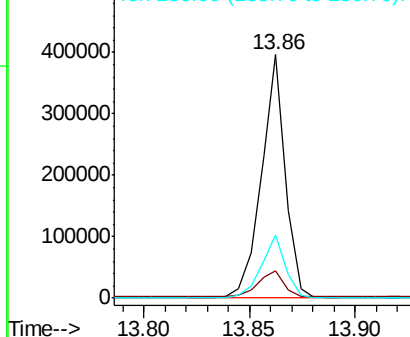
Delta R.T. 0.02 min

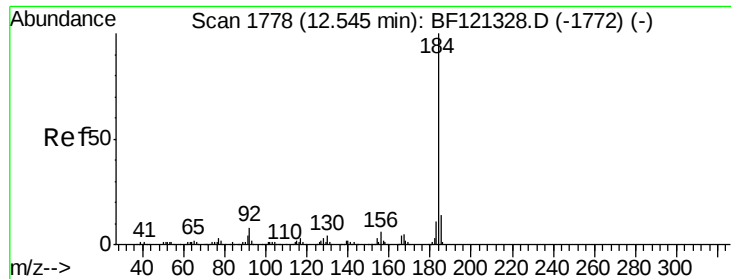
Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Tgt Ion:	240	Resp:	309712
Ion Ratio	Lower	Upper	
240	100		
120	11.1	9.6	14.4
236	25.8	20.6	31.0

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





#77

Benzidine

Concen: 76.217 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.02 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Instrument :

BNA_F

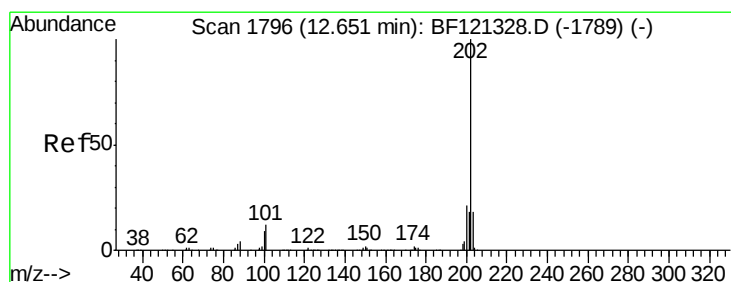
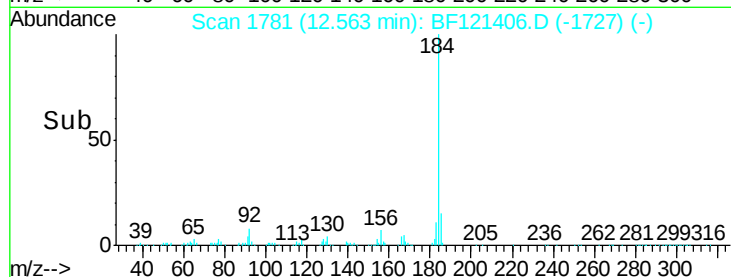
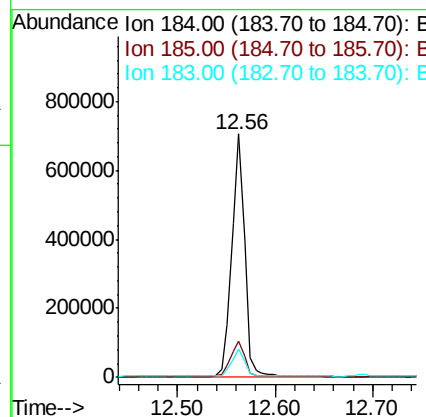
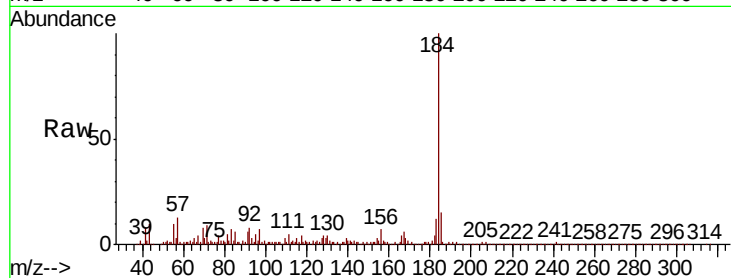
ClientSampleId :

DRUM-COMPMSD

Tot Ion:	184	Resp:	650341
Ion Ratio	Lower	Upper	
184	100		
185	15.0	11.6	17.4
183	11.7	8.7	13.1

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#78

Pyrene

Concen: 45.173 ng

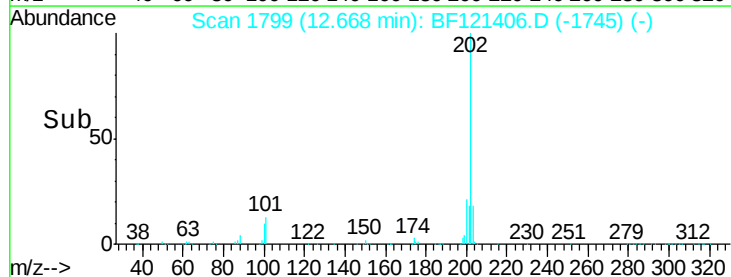
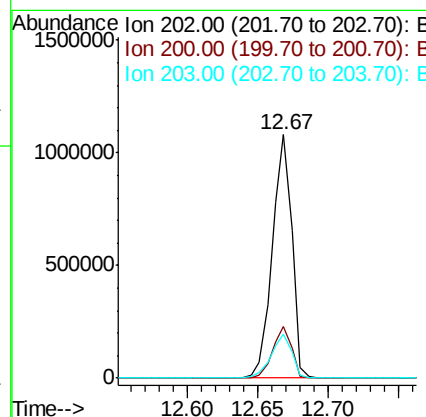
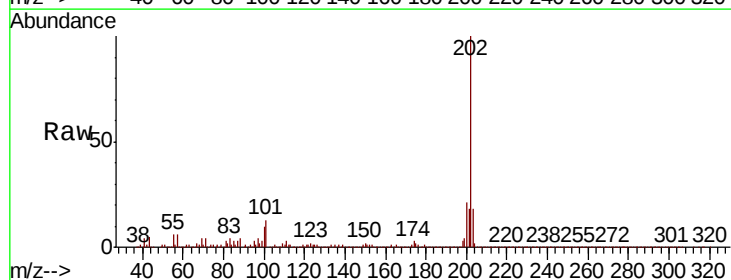
RT: 12.67 min Scan# 1799

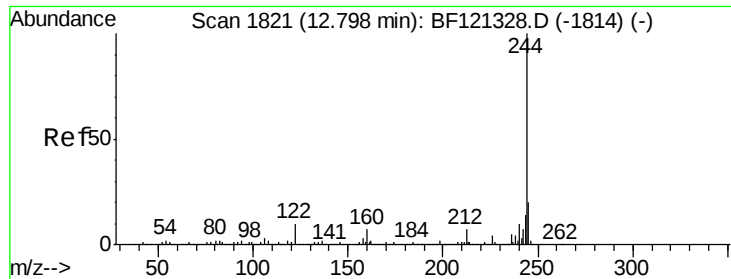
Delta R.T. 0.02 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Tgt Ion:	202	Resp:	1050926
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.6	24.8
203	18.2	14.2	21.2





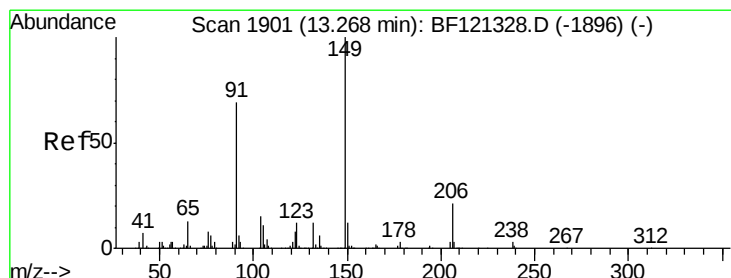
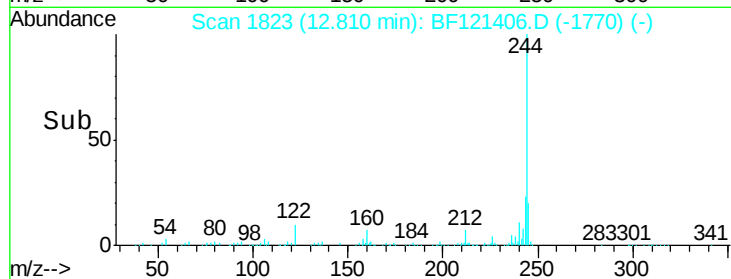
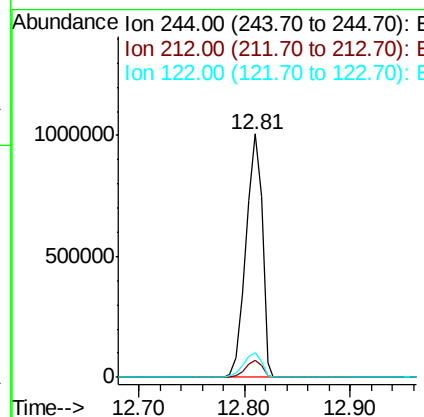
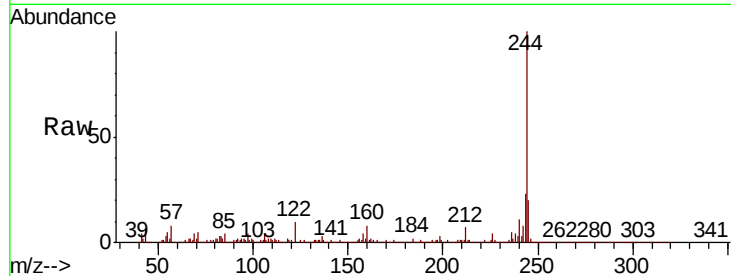
#79
 Terphenyl-d14
 Concen: 66.732 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. 0.01 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMPMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.3	7.8	11.8

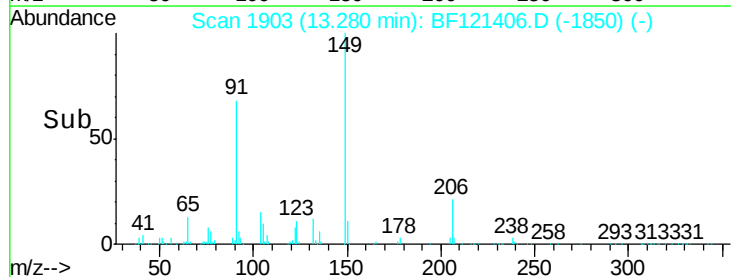
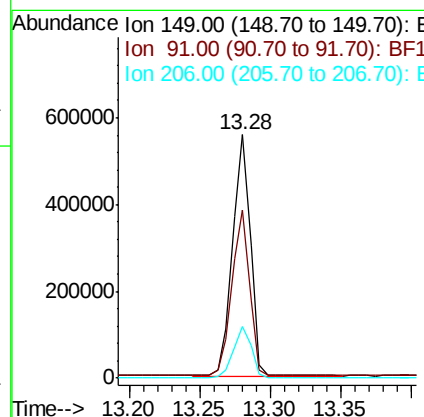
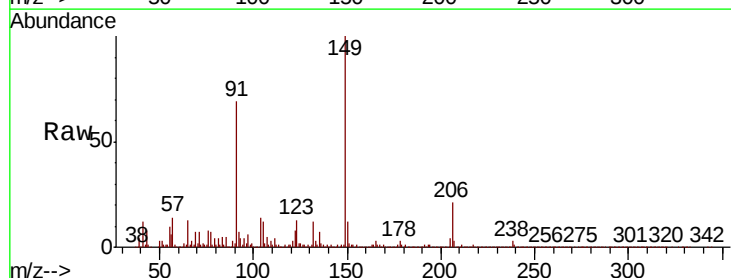
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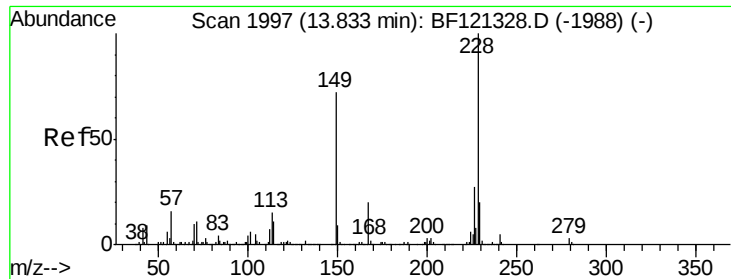
mohammad
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#80
 Butylbenzylphthalate
 Concen: 48.821 ng
 RT: 13.28 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.1	55.2	82.8
206	21.3	16.8	25.2





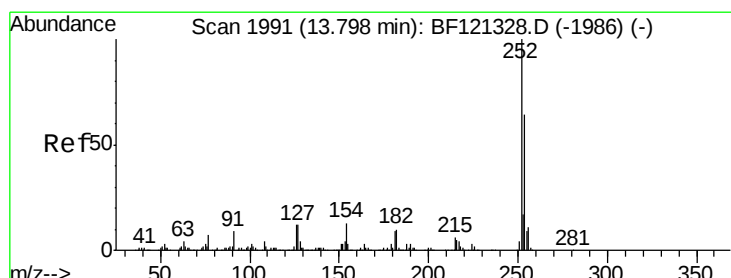
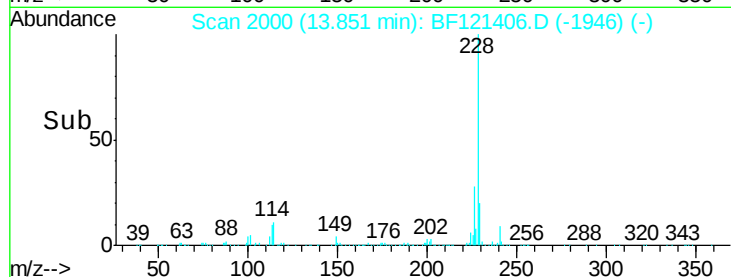
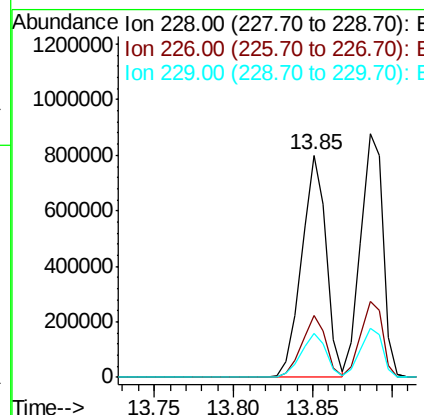
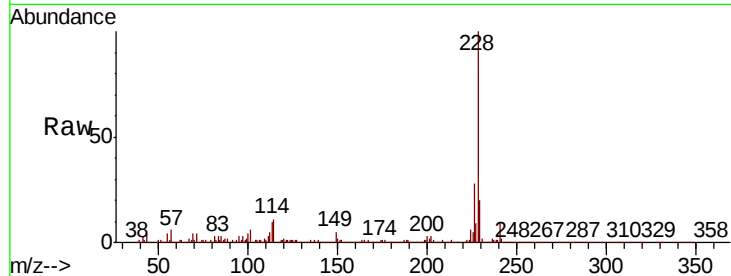
#81
Benzo(a)anthracene
Concen: 44.160 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.02 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.6
229	20.0	15.8	23.8

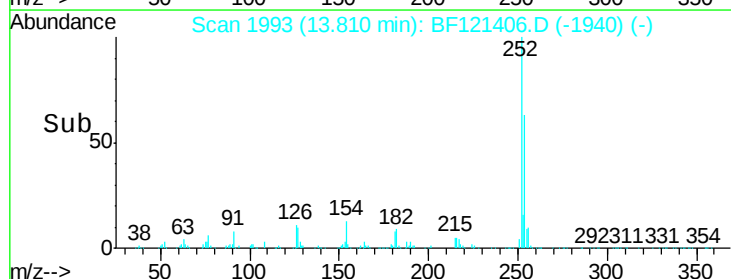
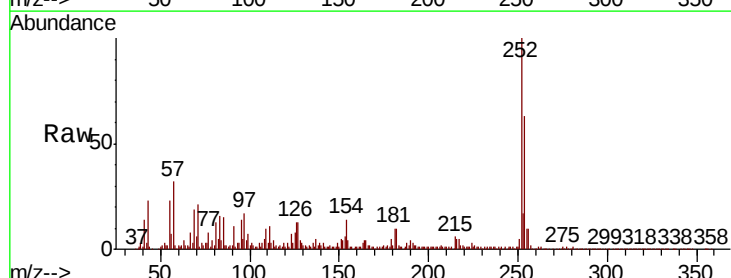
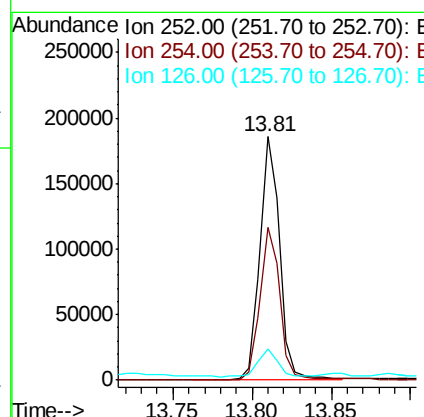
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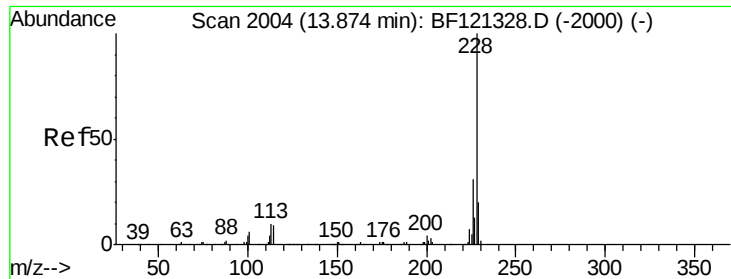
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 21.612 ng
RT: 13.81 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.5	77.3
126	13.0	9.8	14.8





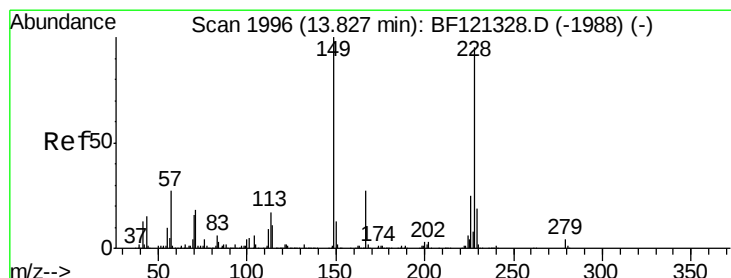
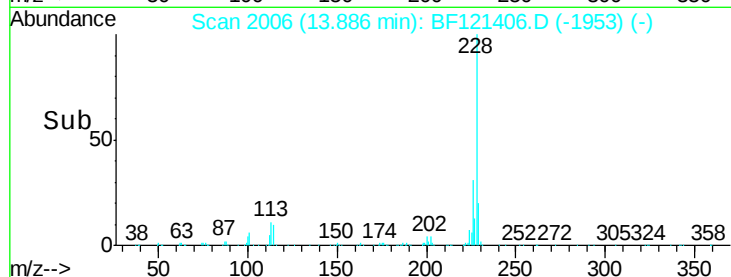
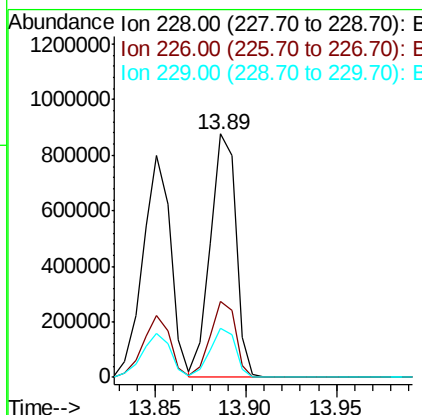
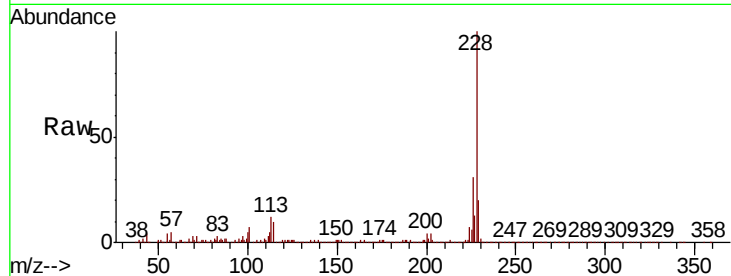
#83
 Chrvsene
 Concen: 43.715 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	36.8
229	20.1	15.9	23.9

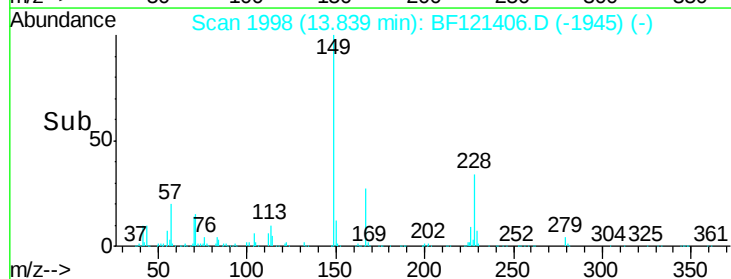
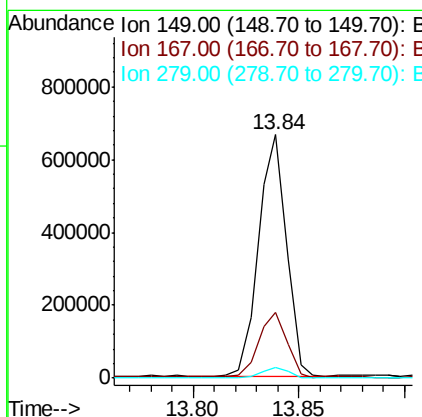
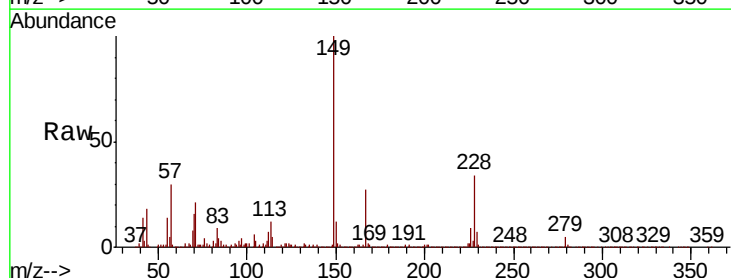
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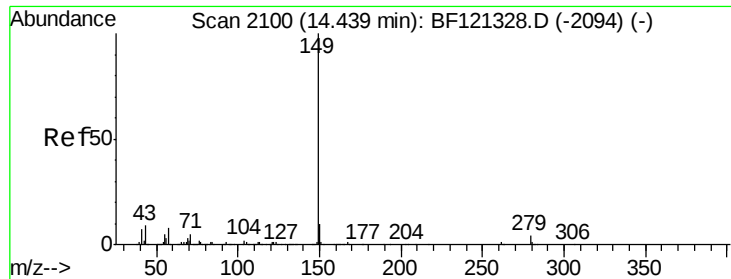
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.621 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.01 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.5	32.3
279	4.5	2.9	4.3#





#85

Di-n-octyl phthalate

Concen: 46.022 ng

RT: 14.45 min Scan# 2102

Delta R.T. 0.01 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Instrument :

BNA_F

ClientSampleId :

DRUM-COMPMSD

Tot Ion:149 Resp: 1001263

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

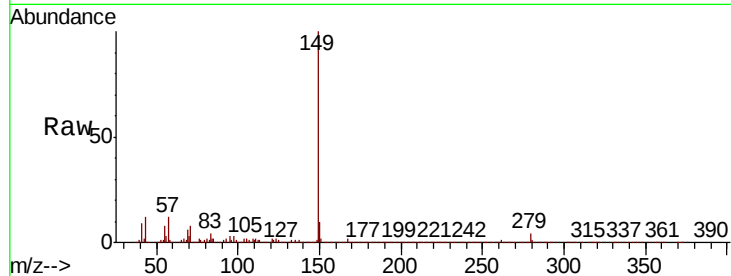
43 8.8 7.1 10.7

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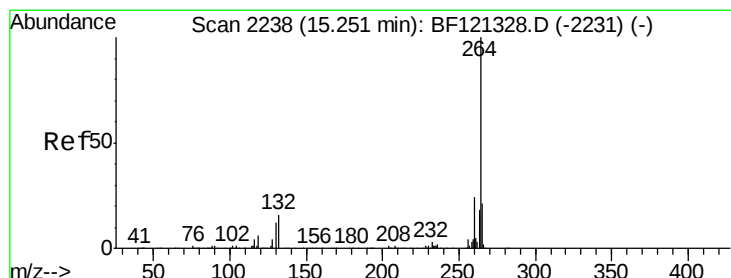
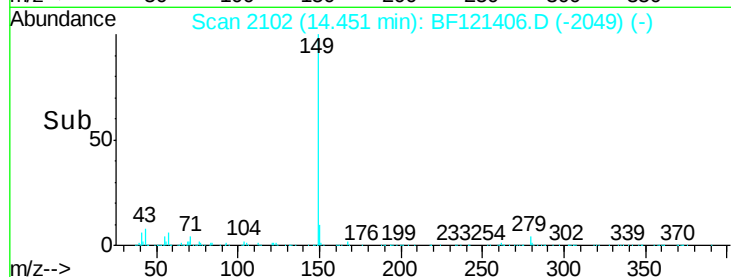
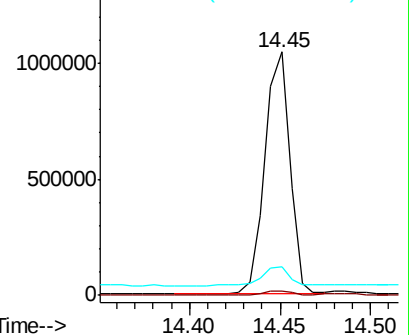
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Abundance Ion 149.00 (148.70 to 149.70): E

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: BF121406.D

Acq: 24 Aug 2020 18:53

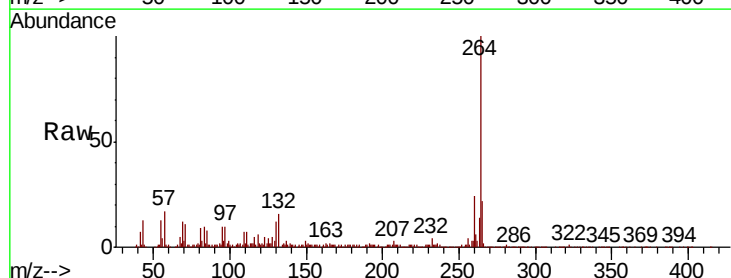
Tgt Ion:264 Resp: 333778

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

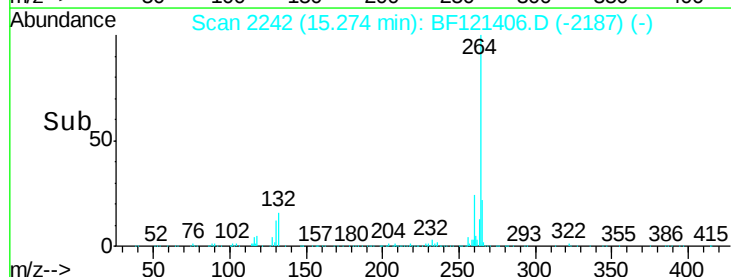
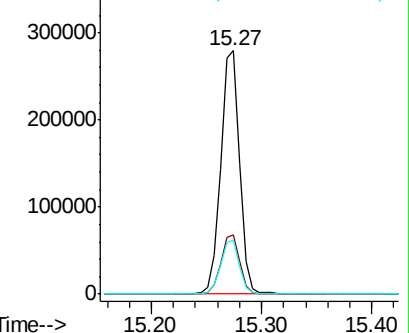
265 22.2 17.1 25.7

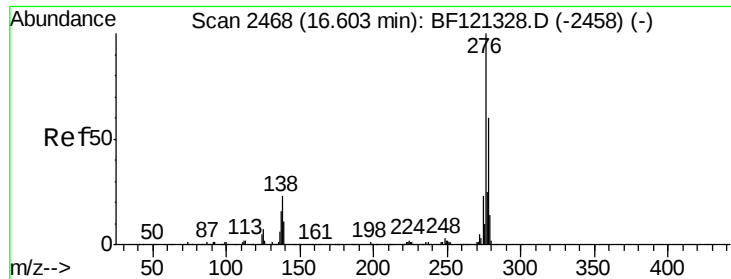


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





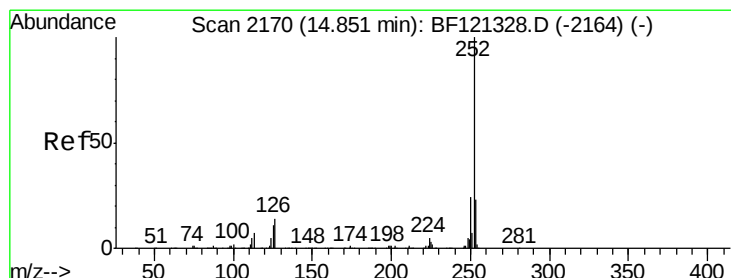
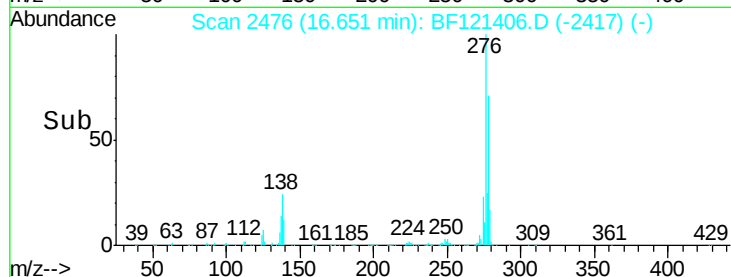
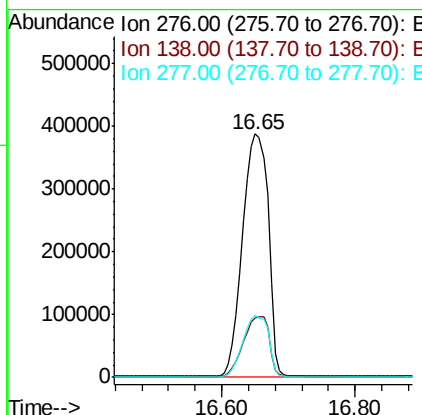
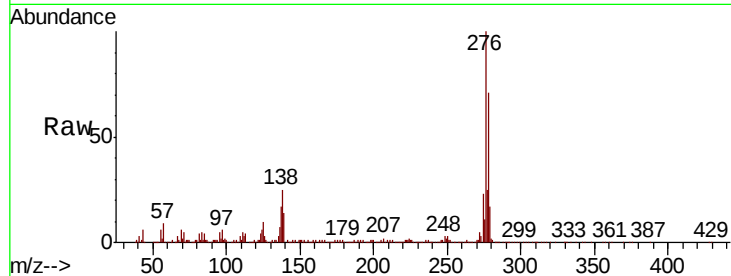
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.400 ng
 RT: 16.65 min Scan# 2476
 Delta R.T. 0.05 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMPMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.4	29.0
277	25.0	19.9	29.9

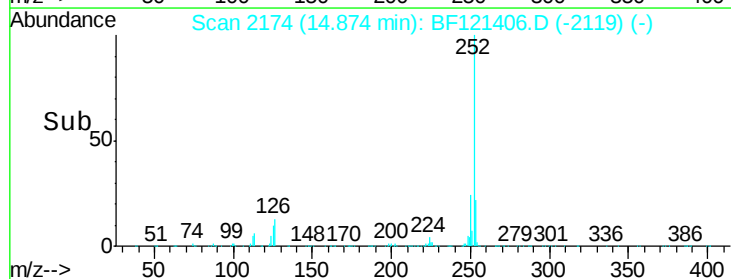
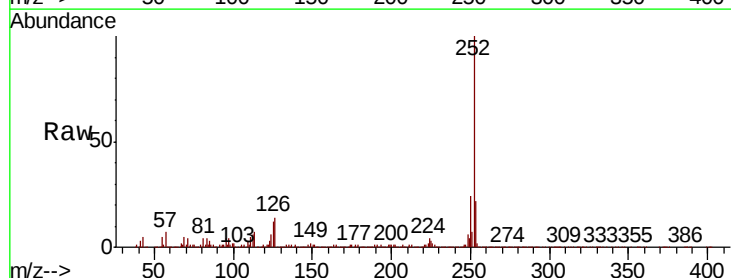
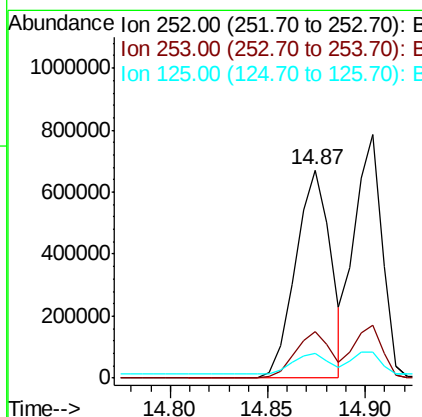
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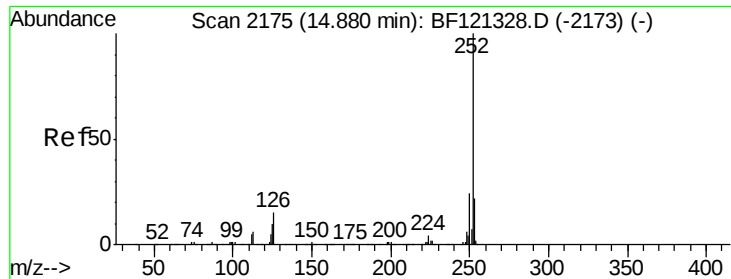
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 38.726 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. 0.02 min
 Lab File: BF121406.D
 Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	11.8	8.6	12.8





#89

Benzo(k)fluoranthene

Concen: 41.015 ng

RT: 14.90 min Scan# 2179

Delta R.T. 0.02 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Instrument :

BNA_F

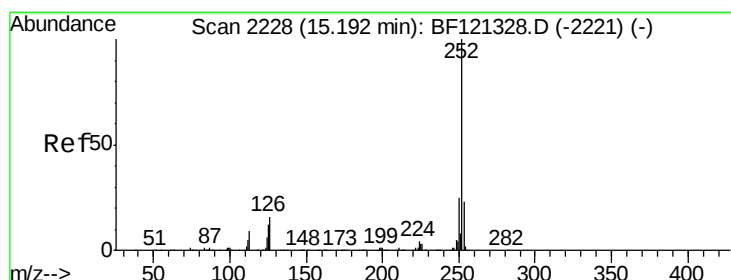
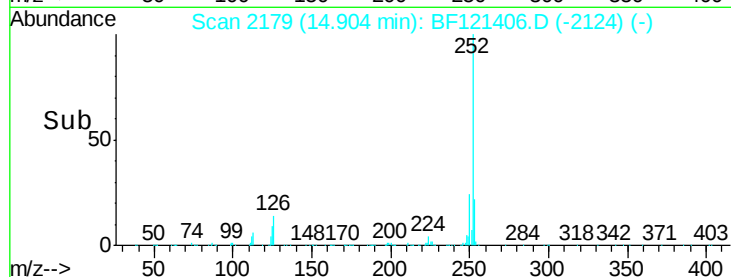
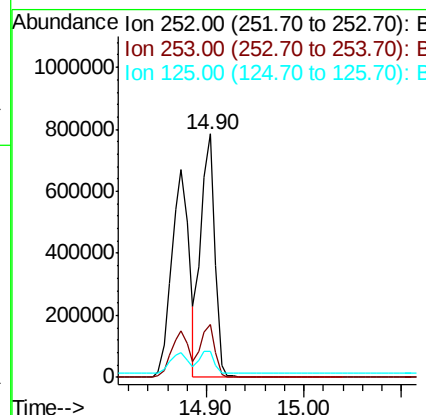
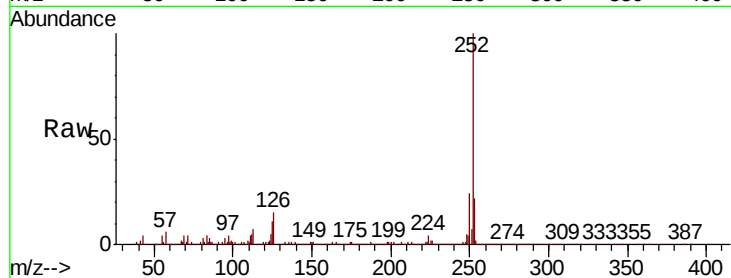
ClientSampleId :

DRUM-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	10.7	8.6	12.8

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 39.983 ng

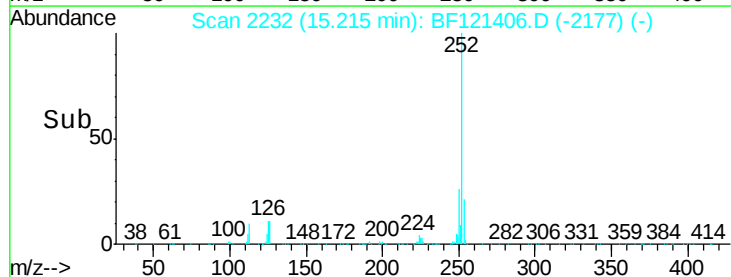
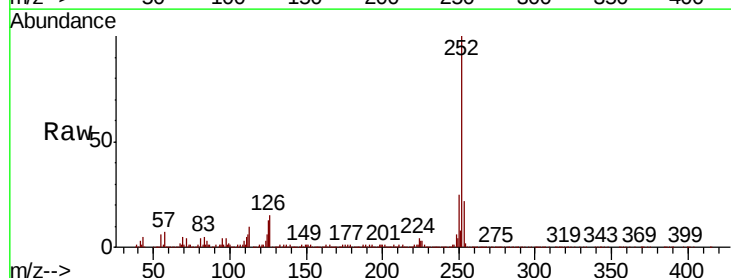
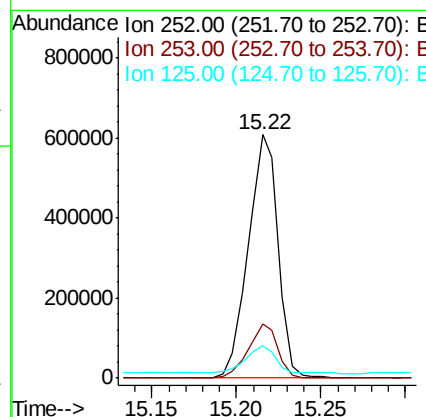
RT: 15.22 min Scan# 2232

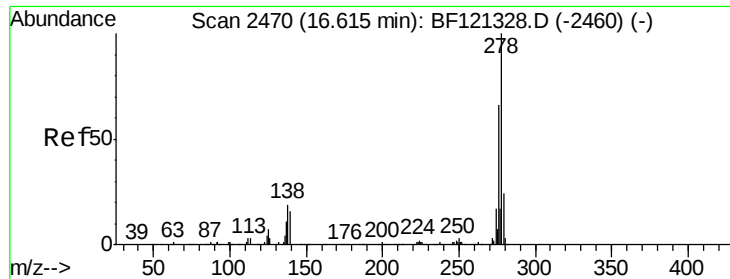
Delta R.T. 0.02 min

Lab File: BF121406.D

Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	13.4	9.4	14.0





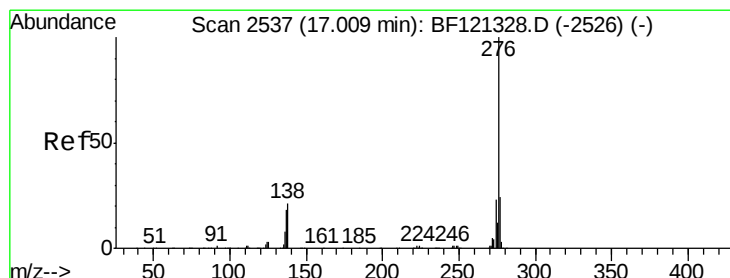
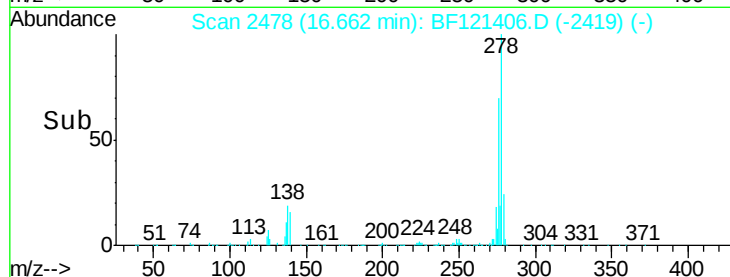
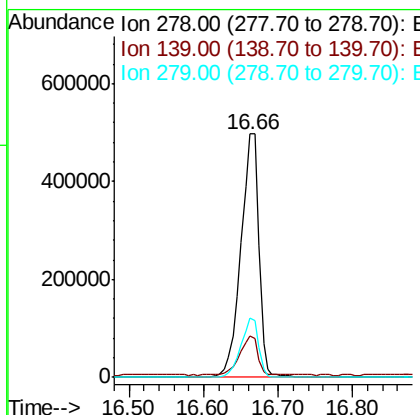
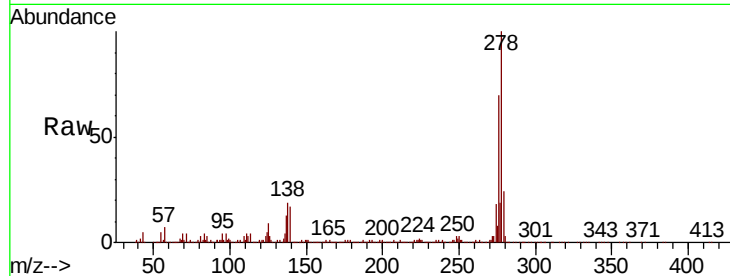
#91
Dibenzo(a,h)anthracene
Concen: 49.882 ng
RT: 16.66 min Scan# 2478
Delta R.T. 0.05 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.1	19.7
279	24.4	19.4	29.2

Manual Integrations
APPROVED

mohammad
8/25/2020 4:19:14 PM



#92
Benzo(g,h,i)perylene
Concen: 54.727 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.06 min
Lab File: BF121406.D
Acq: 24 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	22.1	16.8	25.2

