

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
 Data File : BF121246.D
 Acq On : 11 Aug 2020 18:20
 Operator : JU/CG
 Sample : L3607-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMPMS

Manual Integrations
 APPROVED

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 8/12/2020 1:47:38 PM

Quant Time: Aug 12 10:55:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	150092	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	590451	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	314054	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	621740	20.00	ng	0.00
76) Chrysene-d12	13.97	240	479609	20.00	ng	0.00
86) Perylene-d12	15.42	264	455195	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	918039	100.27	ng	0.00
7) Phenol-d6	6.44	99	1027772	86.90	ng	0.00
23) Nitrobenzene-d5	7.36	82	864498	84.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	402811	117.18	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1525684	72.53	ng	0.00
79) Terphenyl-d14	12.91	244	1657677	75.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	157458	37.368	ng	100
3) Pyridine	3.28	79	304933	27.204	ng	99
4) n-Nitrosodimethylamine	3.23	42	195720	40.833	ng	96
6) Aniline	6.46	93	451770	29.264	ng	# 78
8) 2-Chlorophenol	6.58	128	449915	44.608	ng	98
9) Benzaldehyde	6.35	77	331160	71.012	ng	99
10) Phenol	6.45	94	442945	34.048	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	437914	43.921	ng	99
12) 1,3-Dichlorobenzene	6.73	146	438353	40.081	ng	99
13) 1,4-Dichlorobenzene	6.81	146	447554	41.154	ng	99
14) 1,2-Dichlorobenzene	6.96	146	428600	41.659	ng	100
15) Benzyl Alcohol	6.95	79	368914	44.109	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	604723	42.080	ng	94
17) 2-Methylphenol	7.06	107	346554	38.766	ng	96
18) Hexachloroethane	7.30	117	163953	41.653	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	289094	42.988	ng	96
20) 3+4-Methylphenols	7.22	107	398308	35.026	ng	# 88
22) Acetophenone	7.21	105	588984	44.447	ng	# 96
24) Nitrobenzene	7.38	77	497601	45.244	ng	96
25) Isophorone	7.62	82	870823	42.760	ng	98
26) 2-Nitrophenol	7.70	139	250953	48.044	ng	100
27) 2,4-Dimethylphenol	7.74	122	374768	44.190	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	563688	45.344	ng	99
29) 2,4-Dichlorophenol	7.95	162	386645	44.616	ng	100
30) 1,2,4-Trichlorobenzene	8.02	180	402525	41.865	ng	99
31) Naphthalene	8.10	128	1241628	40.995	ng	99
32) Benzoic acid	7.87	122	112360m	17.649	ng	
33) 4-Chloroaniline	8.15	127	323875	23.971	ng	99
34) Hexachlorobutadiene	8.22	225	225639	39.810	ng	99
35) Caprolactam	8.55	113	95186	34.251	ng	93
36) 4-Chloro-3-methylphenol	8.65	107	406312	45.715	ng	100
37) 2-Methylnaphthalene	8.79	142	873150	44.400	ng	100
38) 1-Methylnaphthalene	8.89	142	816339	43.829	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	410715	44.886	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	309146	61.131	ng	99
43) 2,4,6-Trichlorophenol	9.08	196	276985	42.993	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	296197	40.531	ng	97
46) 1,1'-Biphenyl	9.26	154	1067117	44.545	ng	100
47) 2-Chloronaphthalene	9.29	162	822177	42.095	ng	99
48) 2-Nitroaniline	9.38	65	164020	27.788	ng	96
49) Acenaphthylene	9.70	152	1306009	43.042	ng	100
50) Dimethylphthalate	9.56	163	1027116	45.333	ng	100
51) 2,6-Dinitrotoluene	9.63	165	232423	47.748	ng	97
52) Acenaphthene	9.87	154	765412	39.677	ng	99
53) 3-Nitroaniline	9.80	138	164610	26.963	ng	99
54) 2,4-Dinitrophenol	9.92	184	150491	55.957	ng	100
55) Dibenzofuran	10.05	168	1130931	40.540	ng	98
56) 4-Nitrophenol	9.97	139	280736	60.537	ng	95
57) 2,4-Dinitrotoluene	10.03	165	288203	45.086	ng	# 82
58) Fluorene	10.39	166	882300	42.406	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	259495	46.637	ng	98
60) Diethylphthalate	10.26	149	1015434	44.309	ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	435073	39.205	ng	99
62) 4-Nitroaniline	10.41	138	145618	24.487	ng	95
63) Azobenzene	10.54	77	944719	43.301	ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	133927	38.082	ng	95
66) n-Nitrosodiphenylamine	10.50	169	842134	43.057	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	297187	42.872	ng	97
68) Hexachlorobenzene	10.94	284	334881	44.660	ng	96
69) Atrazine	11.03	200	250733	51.763	ng	97
70) Pentachlorophenol	11.14	266	318393	74.118	ng	99
71) Phenanthrene	11.35	178	1361351	42.574	ng	100
72) Anthracene	11.40	178	1379249	42.955	ng	100
73) Carbazole	11.56	167	1335577	41.914	ng	100
74) Di-n-butylphthalate	11.89	149	1599186	43.489	ng	99
75) Fluoranthene	12.54	202	1547412	43.659	ng	98
77) Benzidine	12.66	184	207325	16.442	ng	99
78) Pyrene	12.77	202	1575651	46.468	ng	99
80) Butylbenzylphthalate	13.39	149	717519	47.468	ng	99
81) Benzo(a)anthracene	13.96	228	1350560	46.503	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	123872	11.305	ng	100
83) Chrysene	14.00	228	1345270	44.077	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	949885	50.960	ng	99
85) Di-n-octyl phthalate	14.55	149	1660358	44.773	ng	100
87) Indeno(1,2,3-cd)pyrene	16.86	276	1327938	41.948	ng	100
88) Benzo(b)fluoranthene	15.00	252	1333188	48.453	ng	100
89) Benzo(k)fluoranthene	15.03	252	1181359	47.078	ng	99
90) Benzo(a)pyrene	15.36	252	1113095	44.340	ng	98
91) Dibenzo(a,h)anthracene	16.88	278	1098149	42.467	ng	99
92) Benzo(g,h,i)perylene	17.30	276	1139918	44.708	ng	99

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

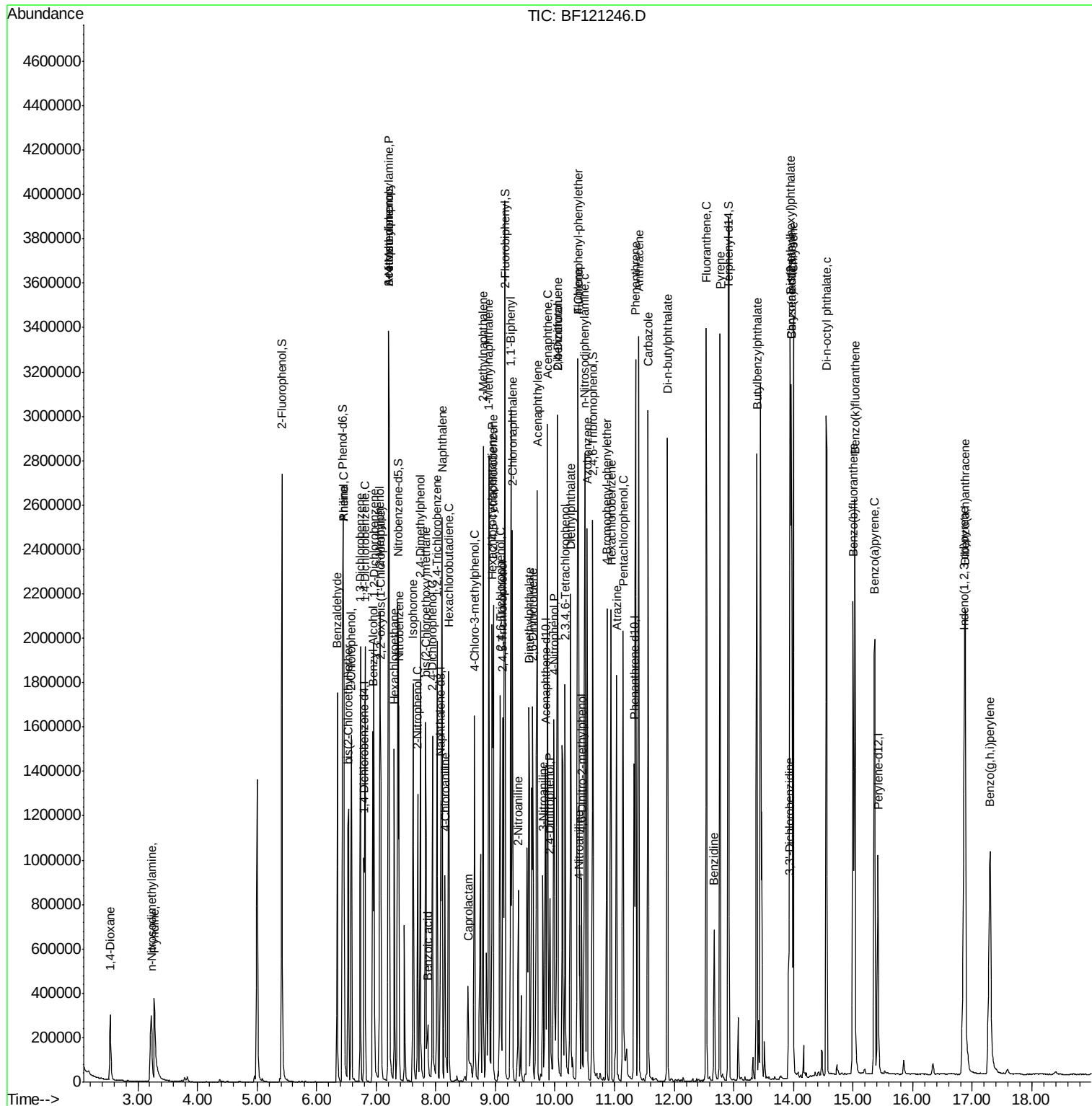
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
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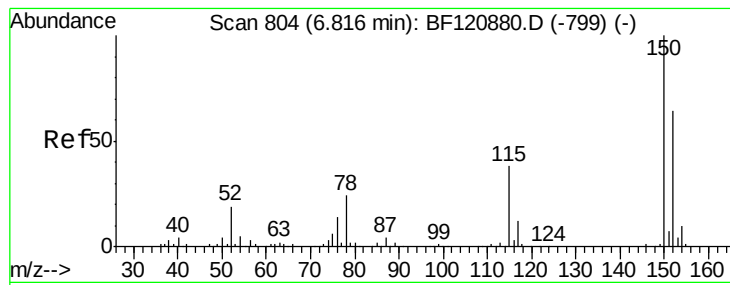
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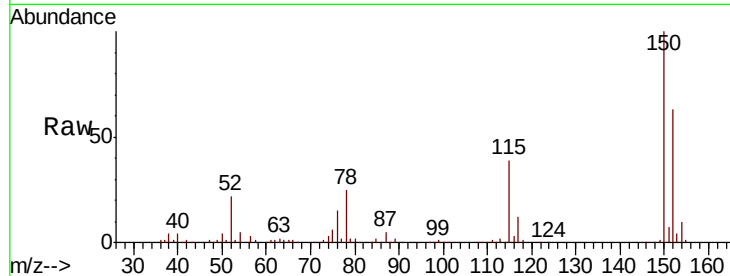
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121246.D
 Acq: 11 Aug 2020 18:20

Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	125.6	188.4
115	61.4	46.2	69.2

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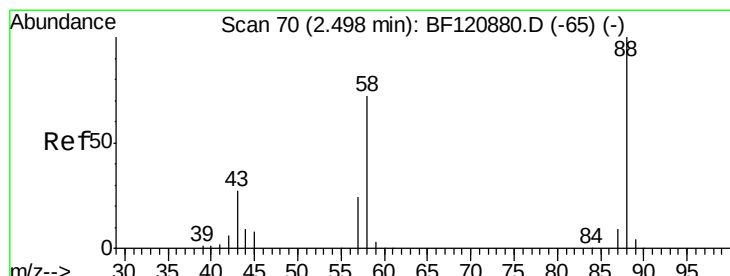
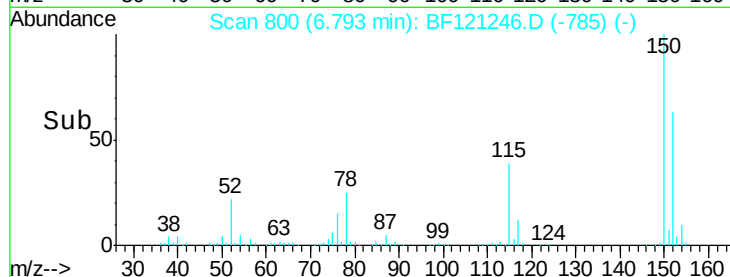
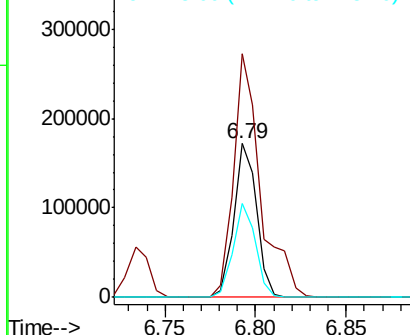


Abundance

Ion 152.00 (151.70 to 152.70): E

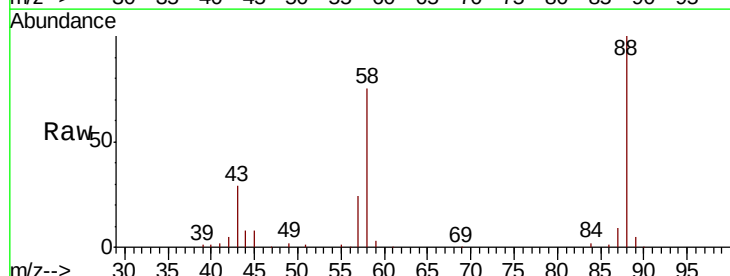
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 37.368 ng
 RT: 2.53 min Scan# 76
 Delta R.T. 0.02 min
 Lab File: BF121246.D
 Acq: 11 Aug 2020 18:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.6	58.2	87.4
43	26.6	21.3	31.9

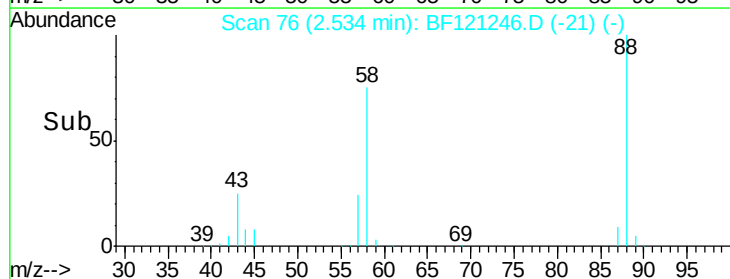
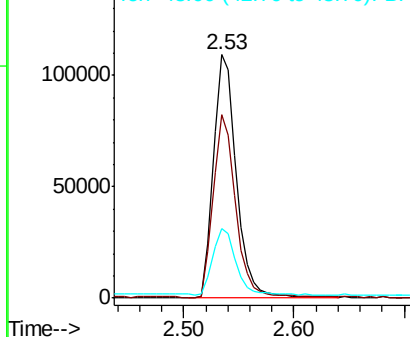


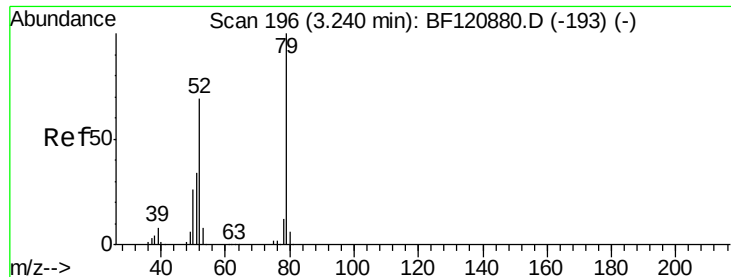
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 27.204 ng

RT: 3.28 min Scan# 202

Delta R.T. 0.02 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

Instrument :

BNA_F

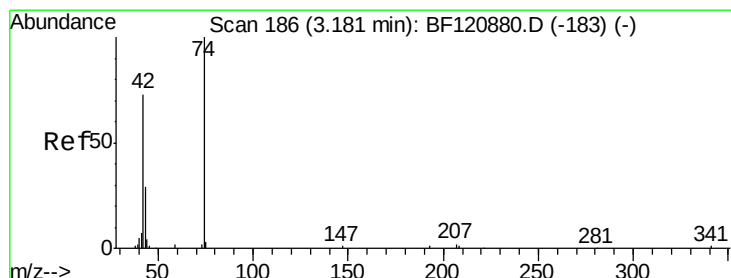
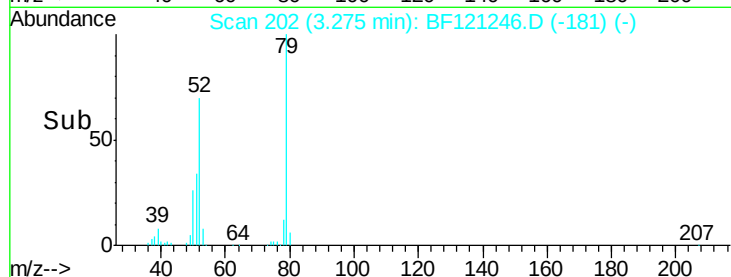
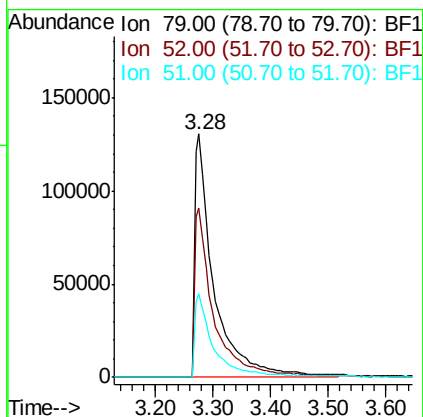
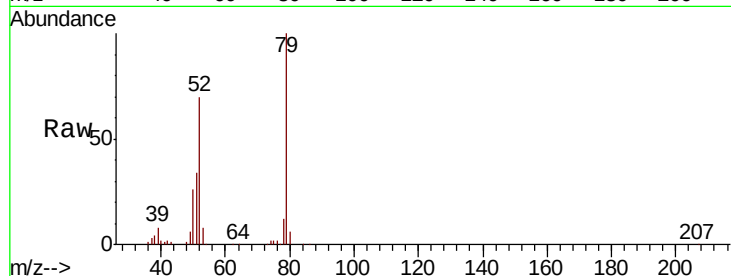
ClientSampleId :

ES-TOTE-COMPMS

Tot Ion:	79	Resp:	304933
Ion	Ratio	Lower	Upper
79	100		
52	69.7	54.9	82.3
51	34.4	27.4	41.0

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#4

n-Nitrosodimethylamine

Concen: 40.833 ng

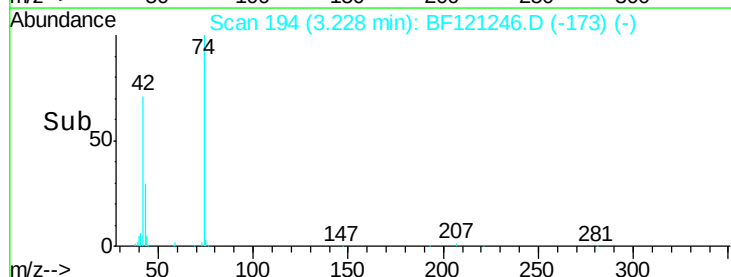
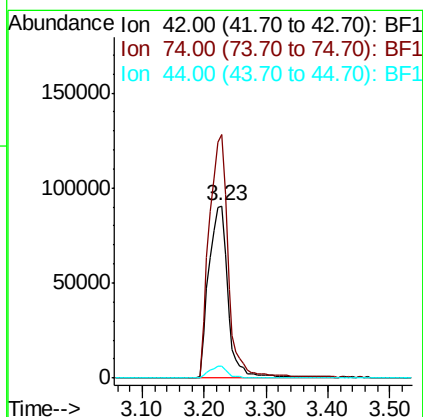
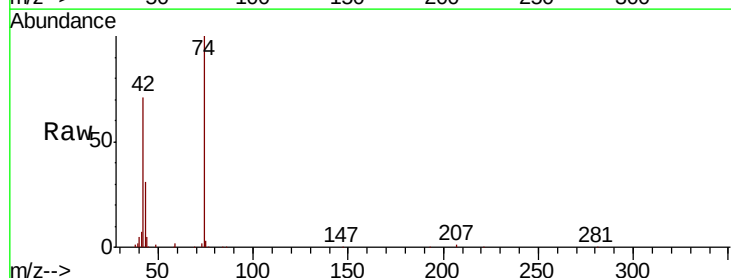
RT: 3.23 min Scan# 194

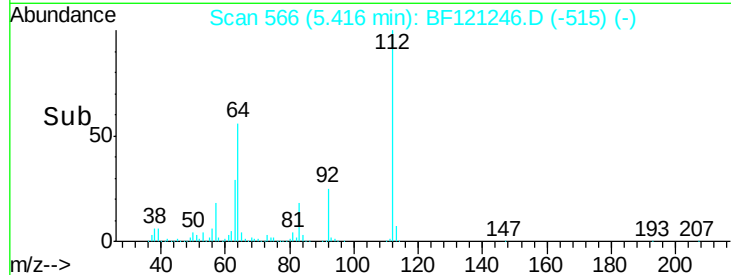
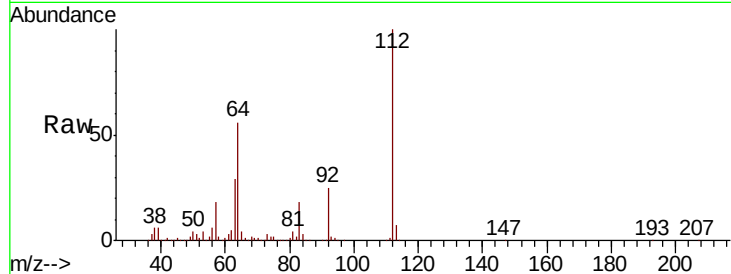
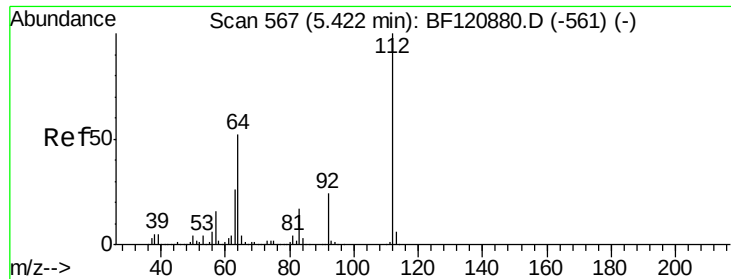
Delta R.T. 0.02 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

Tgt Ion:	42	Resp:	195720
Ion	Ratio	Lower	Upper
42	100		
74	141.2	117.3	175.9
44	6.6	5.9	8.9





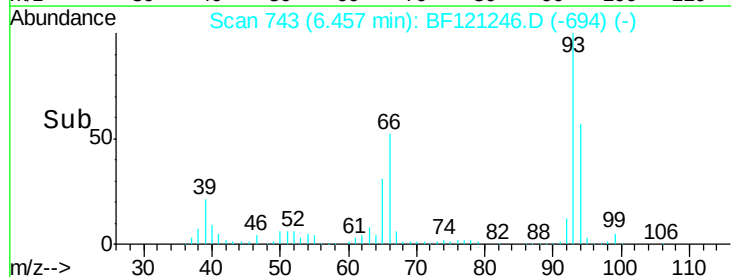
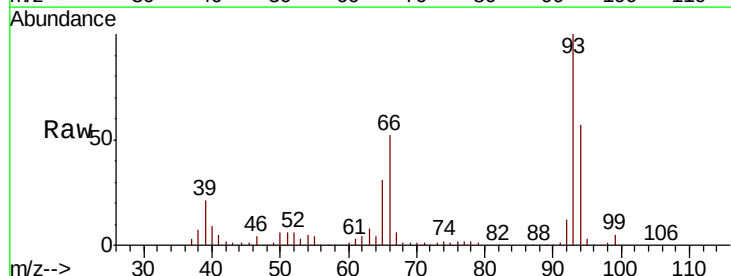
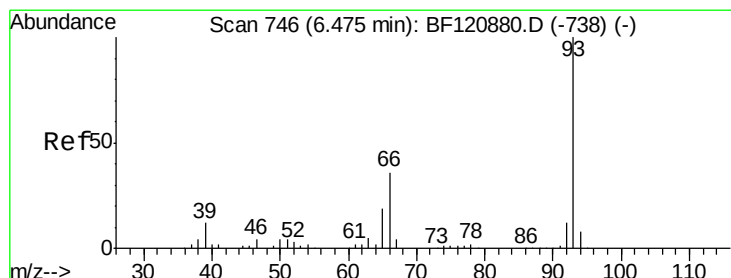
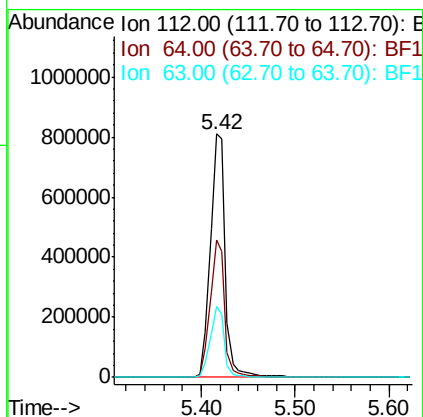
#5
2-Fluorophenol
Concen: 100.271 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Tot Ion	Ratio	Resp	Lower	Upper
112	100	918039		
64	56.5		43.9	65.9
63	29.0		22.7	34.1

Instrument :
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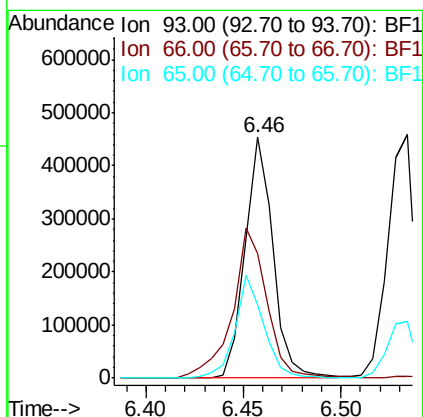
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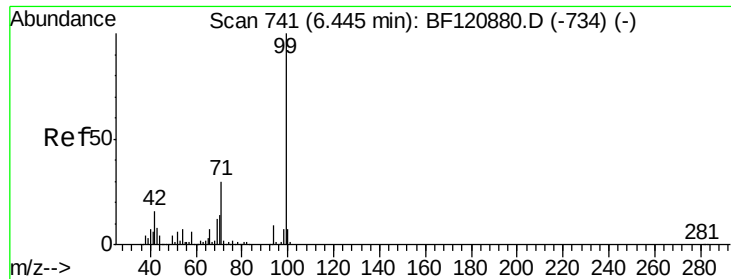
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#6
Aniline
Concen: 29.264 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	451770		
66	51.9		31.0	46.4#
65	30.7		16.2	24.4#





#7

Phenol-d6

Concen: 86.903 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

Instrument :

BNA_F

ClientSampleId :

ES-TOTE-COMPMS

Tot Ion: 99 Resp: 1027772

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

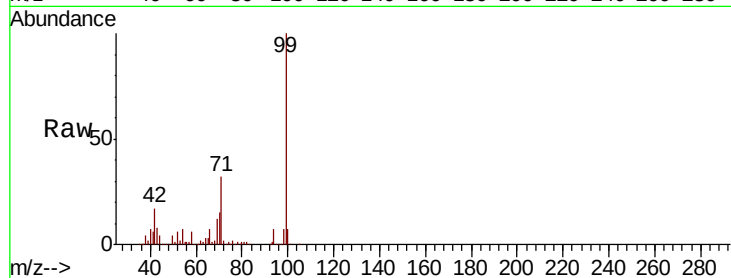
71 31.5 25.0 37.4

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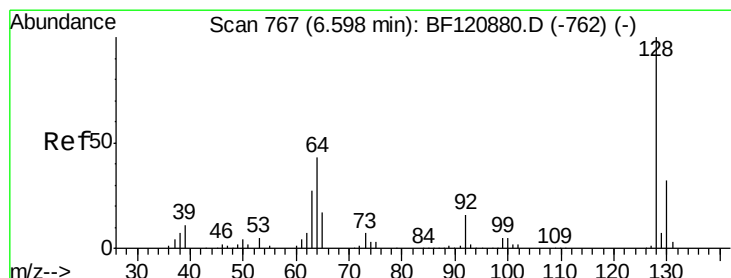
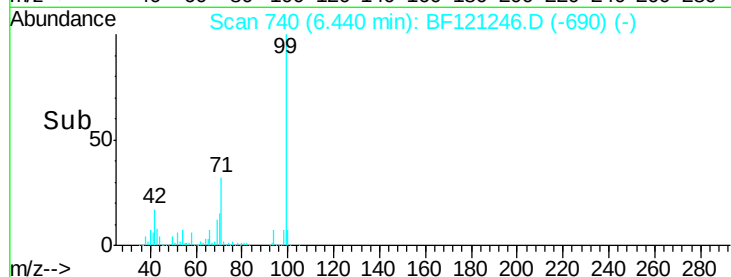
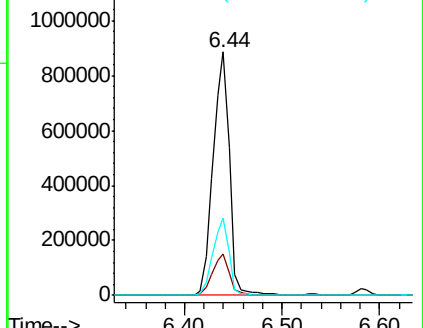
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.608 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

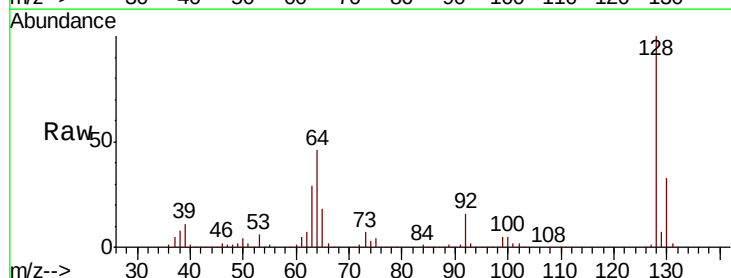
Tgt Ion: 128 Resp: 449915

Ion Ratio Lower Upper

128 100

130 32.6 12.7 52.7

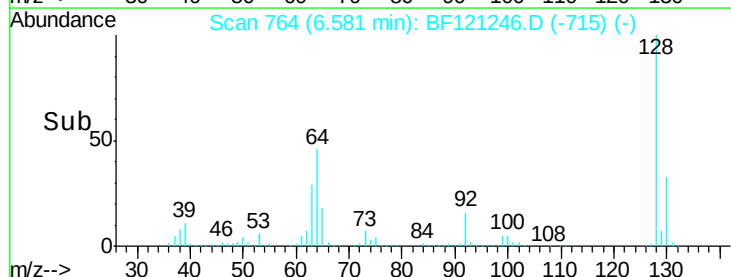
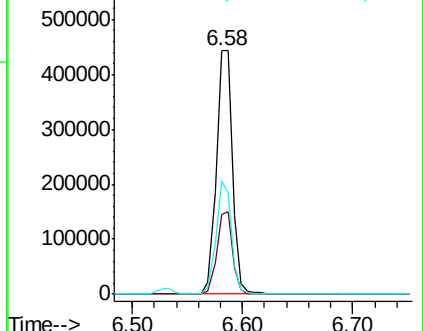
64 46.2 23.8 63.8

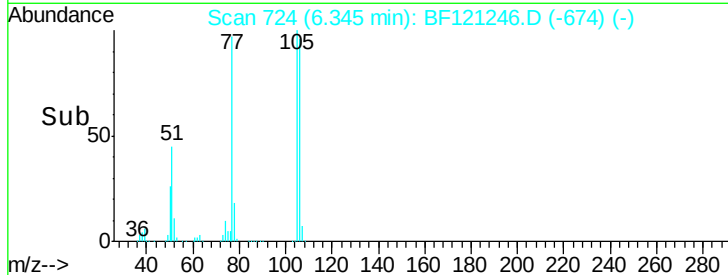
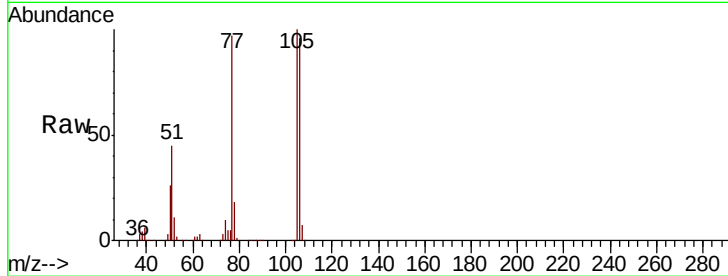
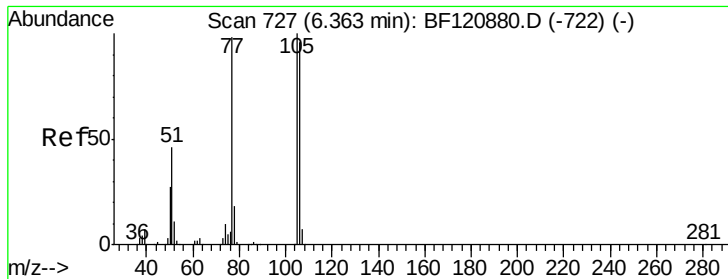


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 71.012 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

Tot Ion:	77	Resp:	331160
Ion Ratio	Lower	Upper	
77	100		
105	103.6	82.4	122.4
106	99.0	78.9	118.9

Instrument :

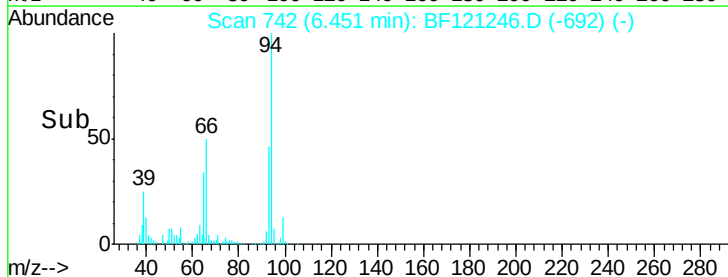
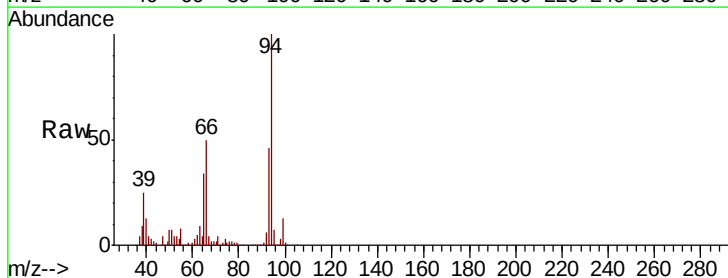
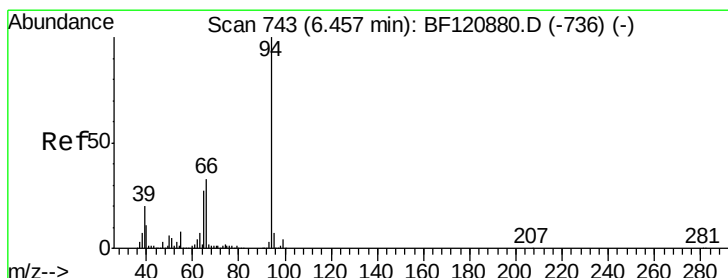
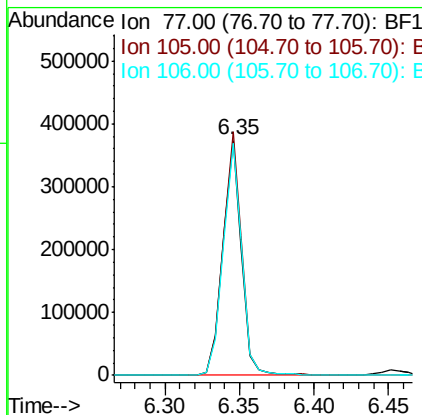
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 34.048 ng

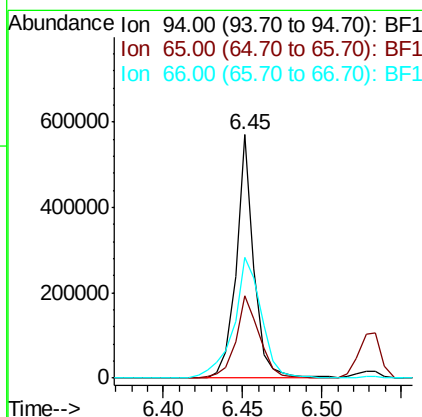
RT: 6.45 min Scan# 742

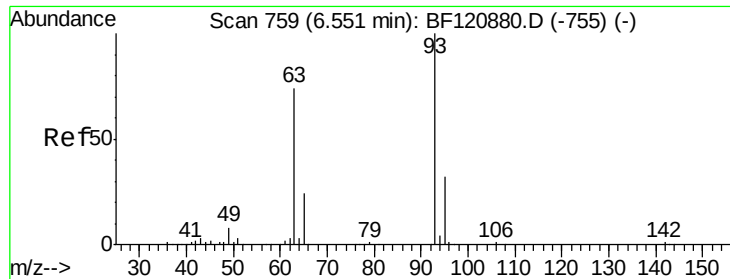
Delta R.T. -0.01 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

Tgt Ion:	94	Resp:	442945
Ion Ratio	Lower	Upper	
94	100		
65	34.0	12.6	52.6
66	49.6	25.6	65.6





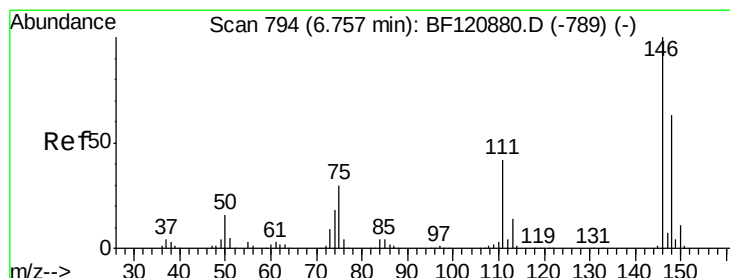
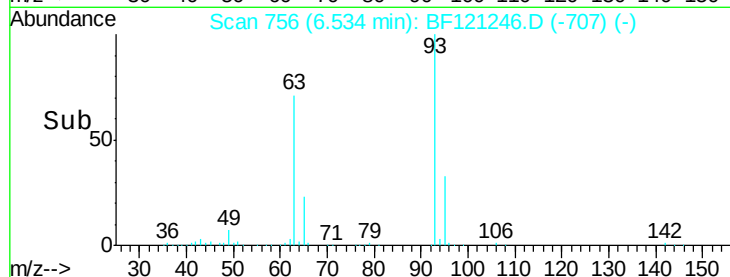
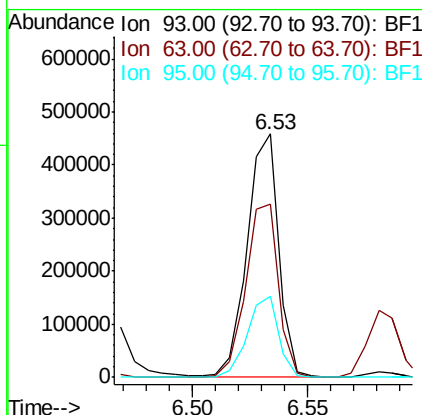
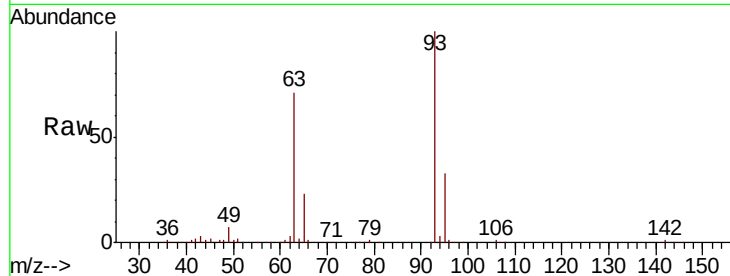
#11
bis(2-Chloroethyl)ether
Concen: 43.921 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMS

Tot Ion:	93	Resp:	437914
Ion	Ratio	Lower	Upper
93	100		
63	71.0	51.9	91.9
95	33.3	13.2	53.2

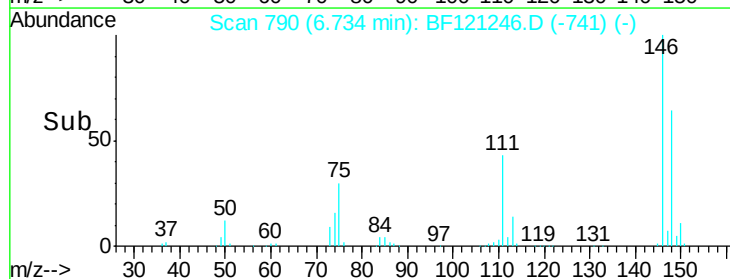
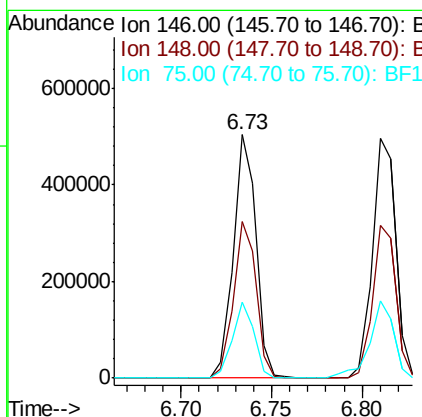
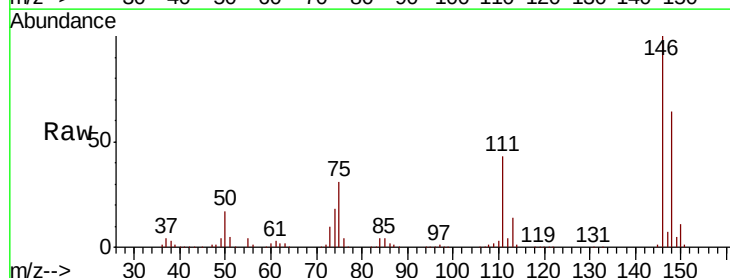
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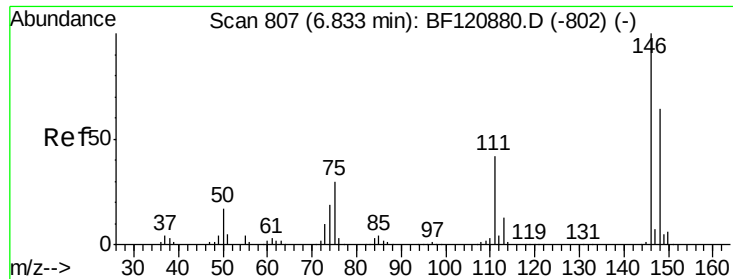
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#12
1,3-Dichlorobenzene
Concen: 40.081 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Tgt Ion:	146	Resp:	438353
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.7	77.5
75	31.0	23.8	35.6





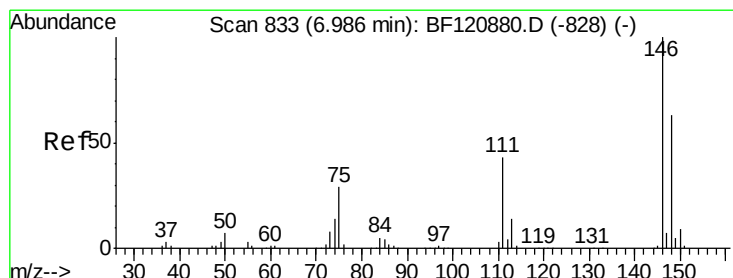
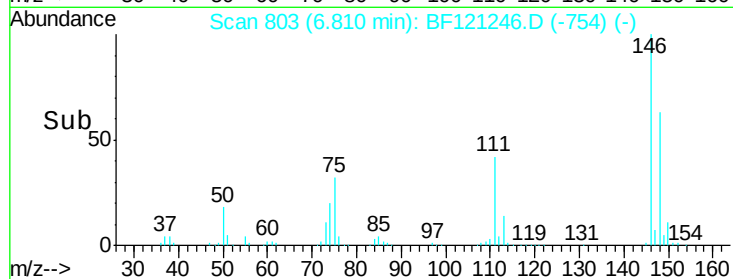
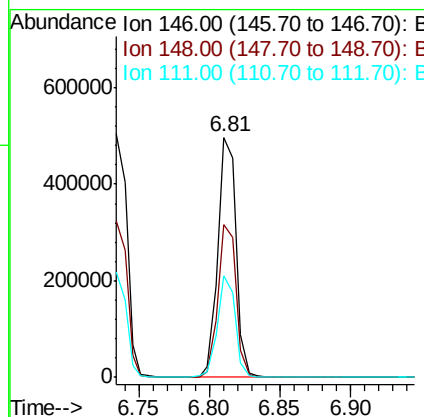
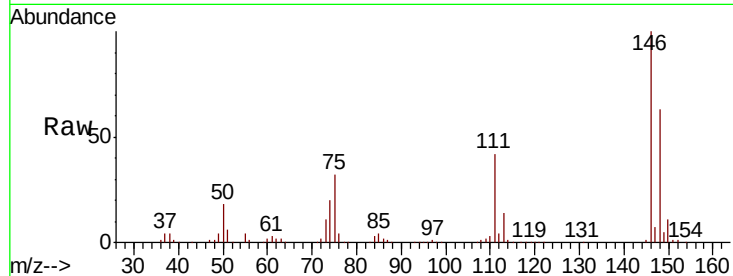
#13
 1,4-Dichlorobenzene
 Concen: 41.154 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF121246.D
 Acq: 11 Aug 2020 18:20

Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMPMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.5	75.7
111	42.3	32.8	49.2

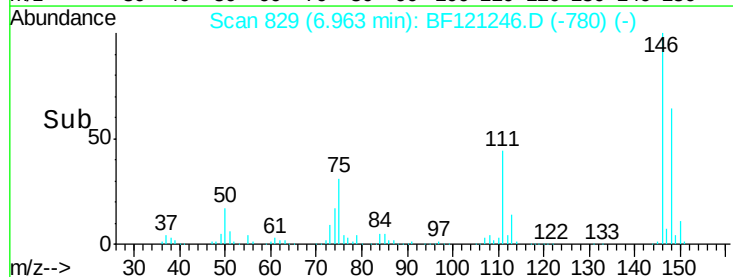
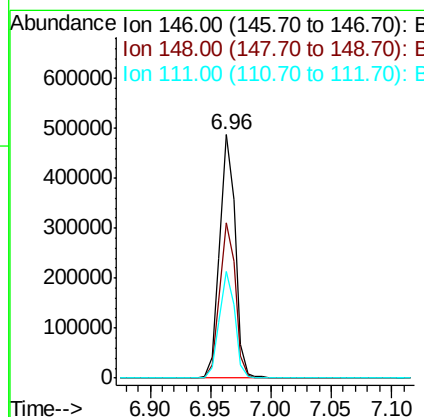
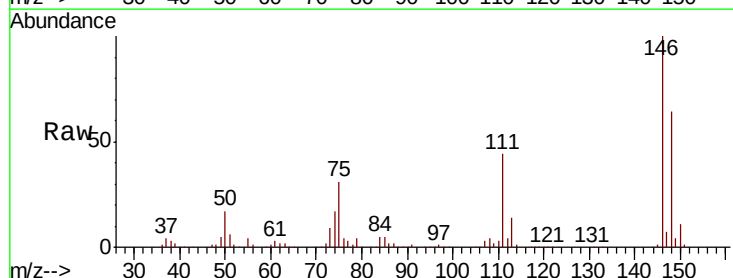
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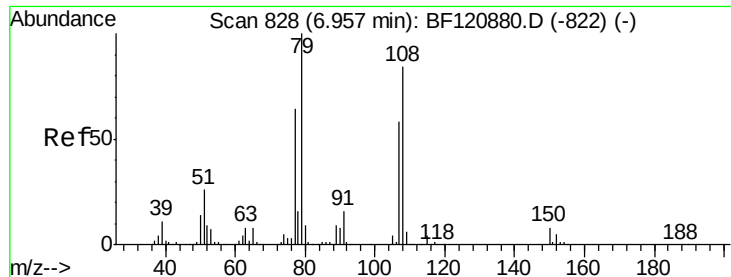
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#14
 1,2-Dichlorobenzene
 Concen: 41.659 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF121246.D
 Acq: 11 Aug 2020 18:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	43.8	35.4	53.0





#15

Benzyl Alcohol

Concen: 44.109 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

Instrument :

BNA_F

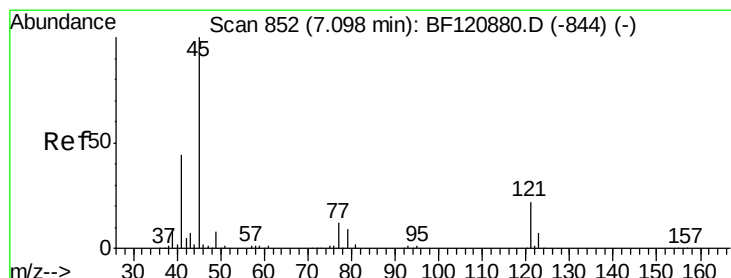
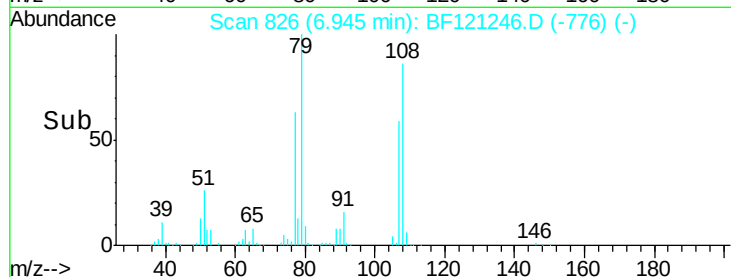
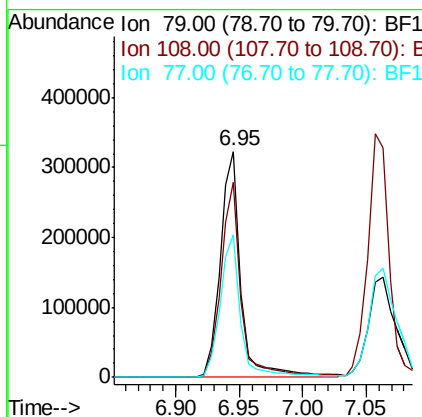
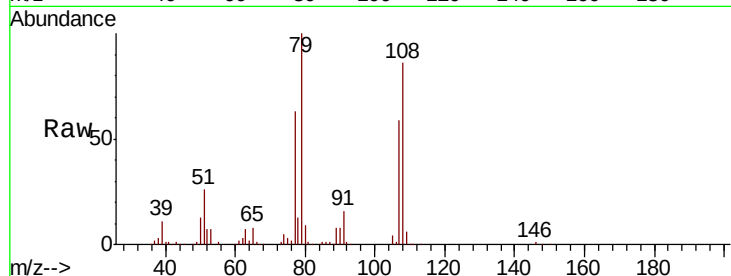
ClientSampleId :

ES-TOTE-COMPMS

Tot Ion:	79	Resp:	368914
Ion	Ratio	Lower	Upper
79	100		
108	86.0	68.6	103.0
77	63.2	51.4	77.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.080 ng

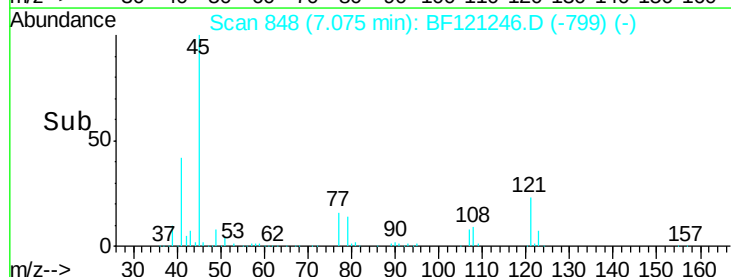
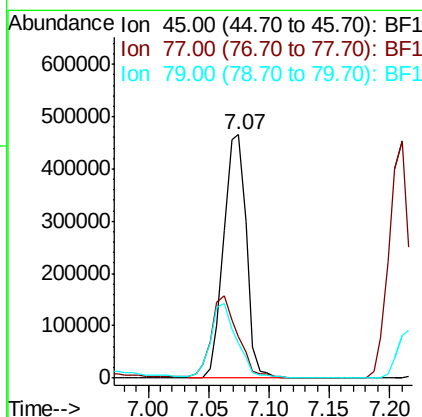
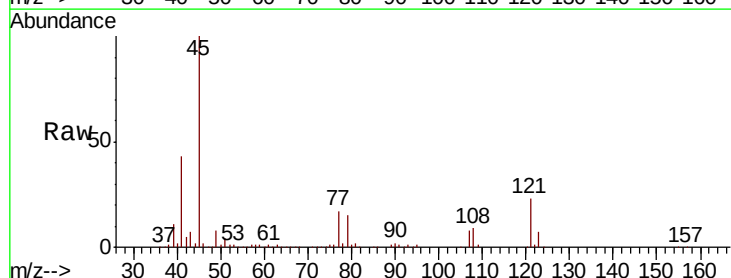
RT: 7.07 min Scan# 848

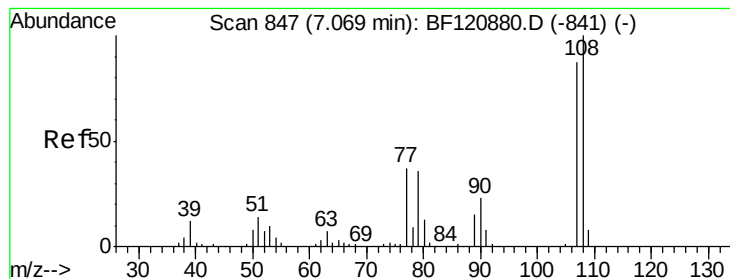
Delta R.T. -0.01 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

Tgt Ion:	45	Resp:	604723
Ion	Ratio	Lower	Upper
45	100		
77	17.0	0.0	34.7
79	14.6	0.0	32.0





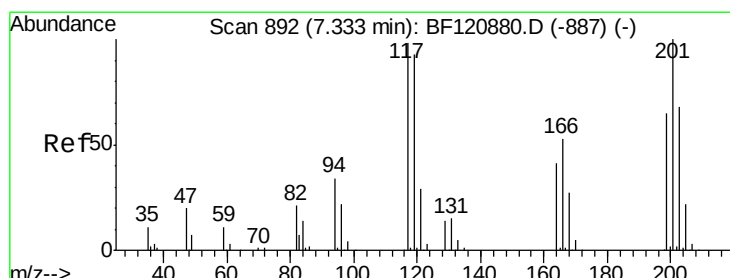
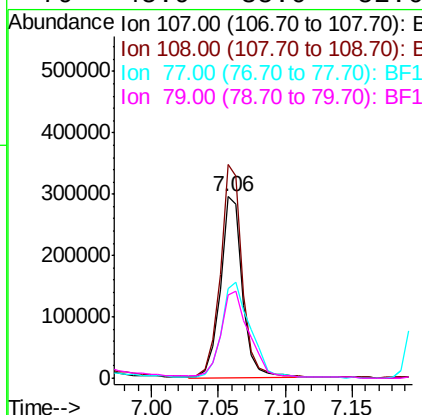
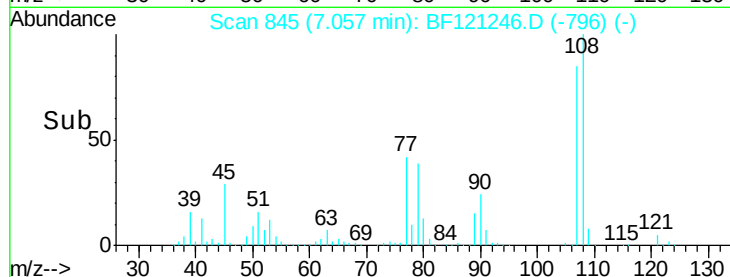
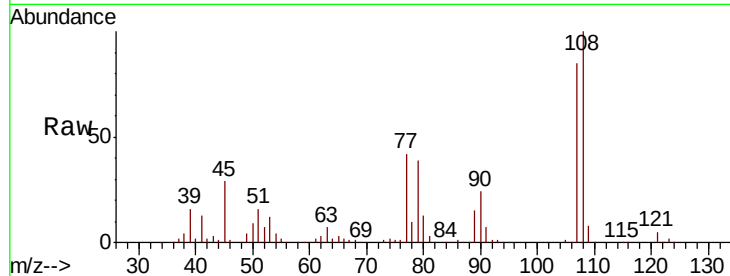
#17
2-Methylphenol
Concen: 38.766 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMS

Tot Ion:	107	Resp:	346554
Ion Ratio	Lower	Upper	
107	100		
108	117.8	91.2	136.8
77	49.3	36.5	54.7
79	45.9	35.0	52.6

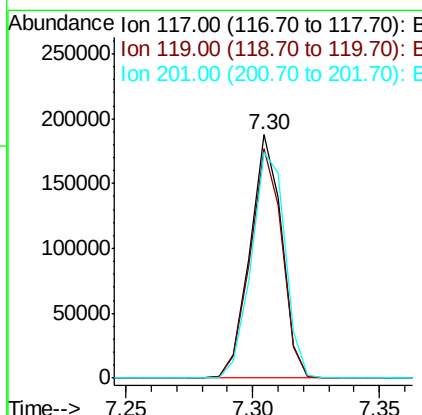
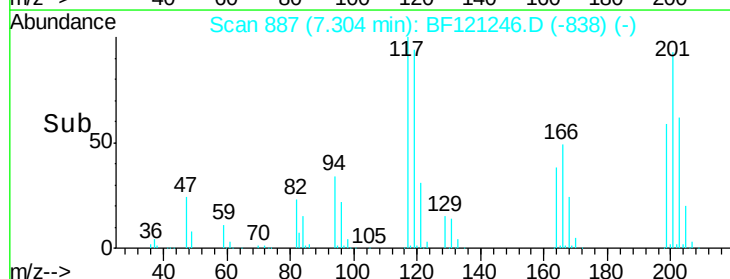
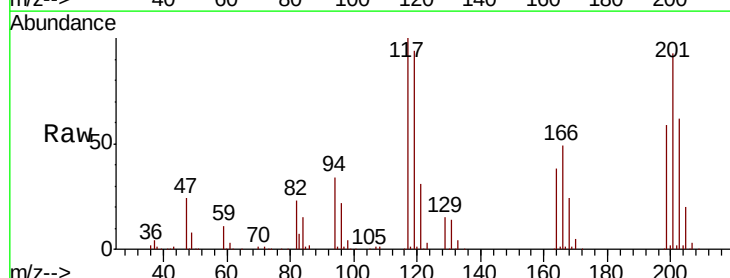
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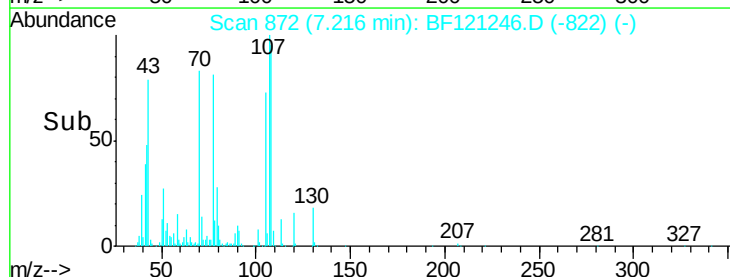
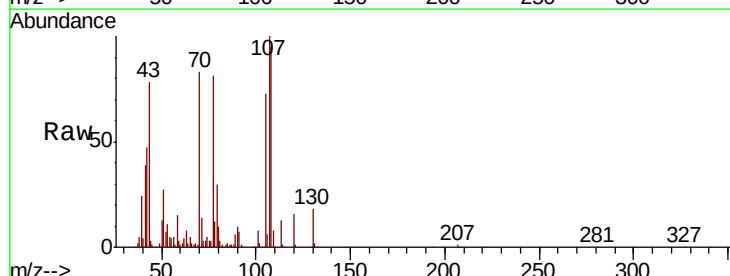
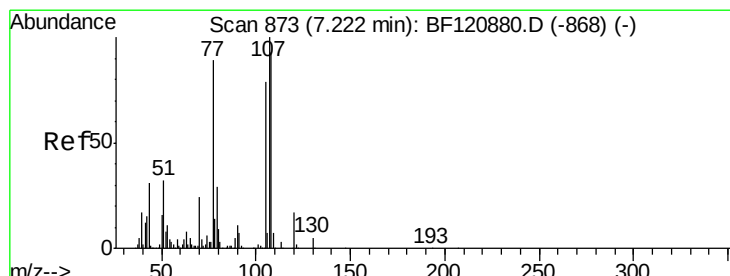
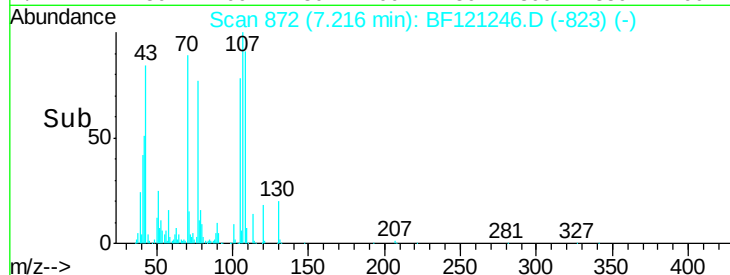
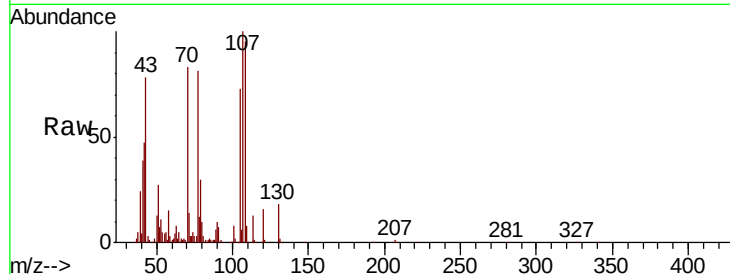
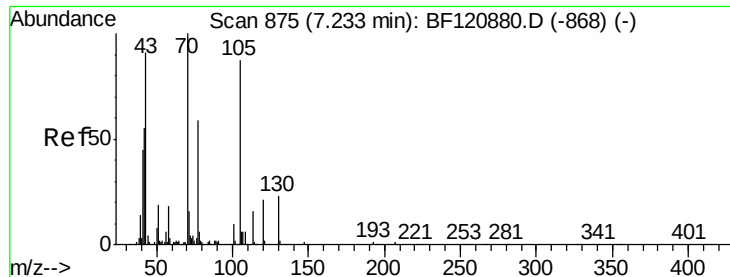
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#18
Hexachloroethane
Concen: 41.653 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Tgt Ion:	117	Resp:	163953
Ion Ratio	Lower	Upper	
117	100		
119	94.3	76.6	114.8
201	92.7	75.0	112.4





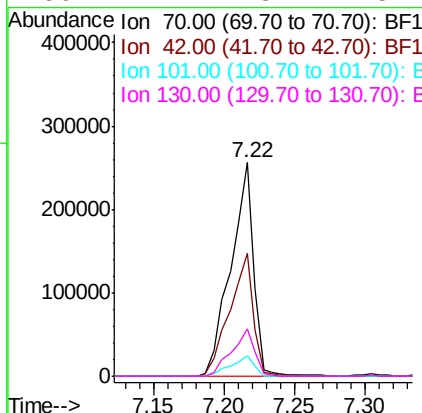
#19
n-Nitroso-di-n-propylamine
Concen: 42.988 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.3	43.3	64.9
101	9.6	8.4	12.6
130	22.1	18.7	28.1

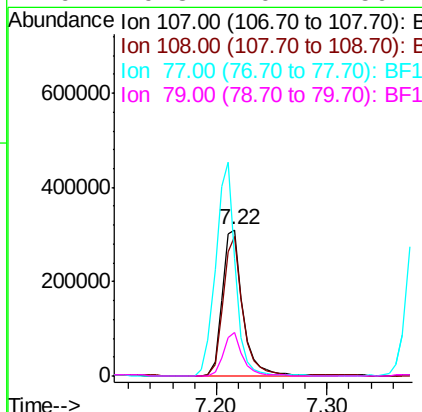
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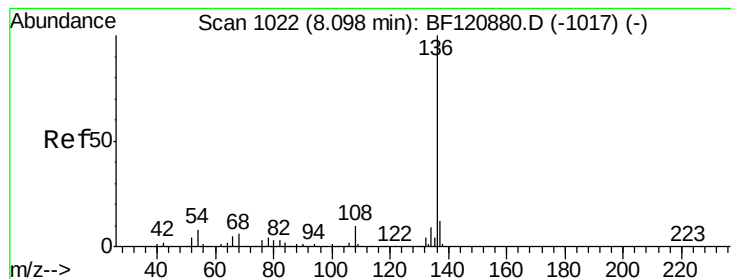
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#20
3+4-Methylphenols
Concen: 35.026 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.3	73.7	113.7
77	81.0	84.9	124.9
79	29.8	10.7	50.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

Instrument :

BNA_F

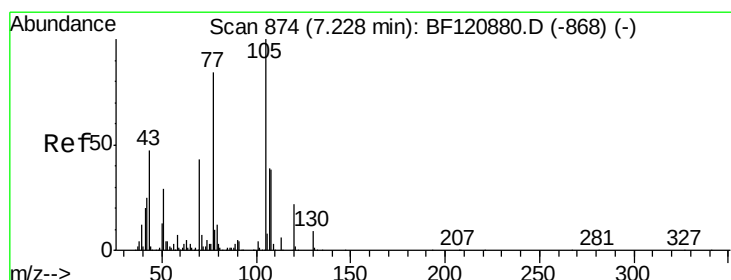
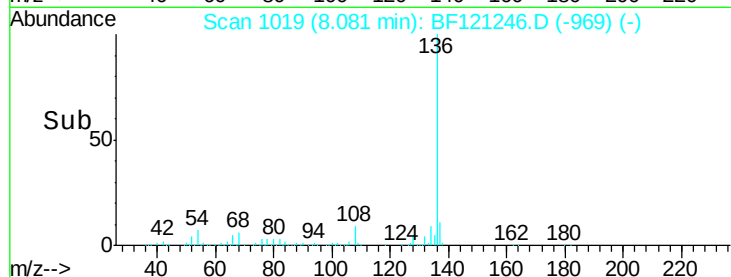
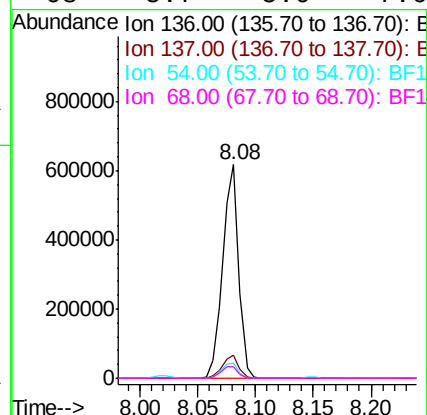
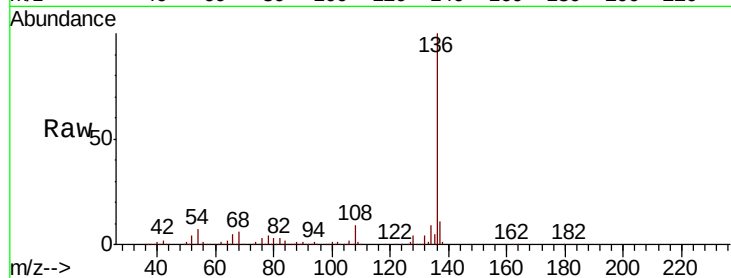
ClientSampleId :

ES-TOTE-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	590451		
137	11.0	9.0	13.4	
54	6.9	6.1	9.1	
68	5.7	5.0	7.6	

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#22

Acetophenone

Concen: 44.447 ng

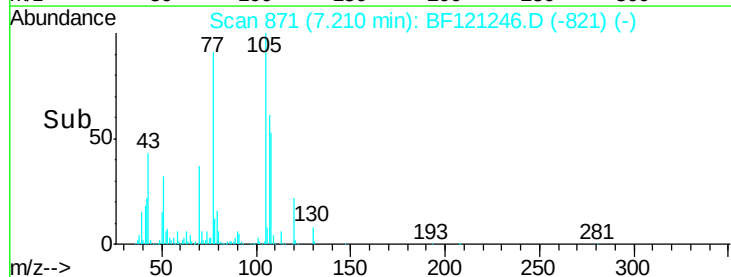
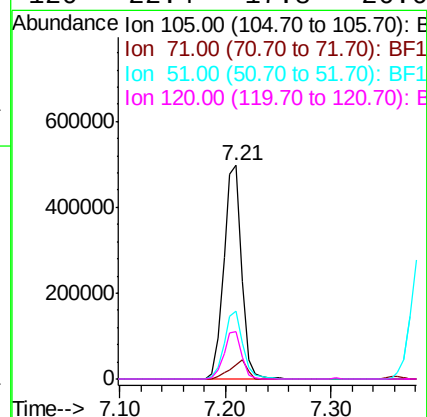
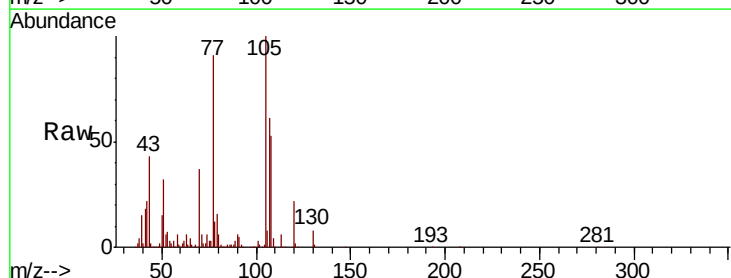
RT: 7.21 min Scan# 871

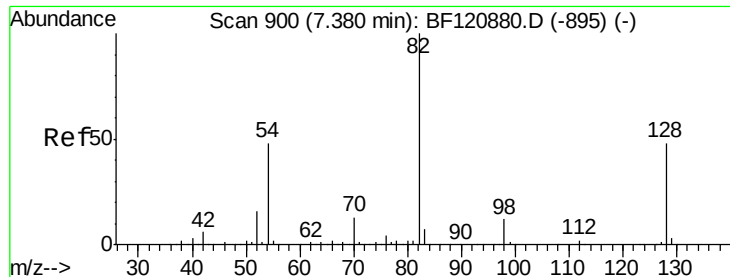
Delta R.T. -0.01 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	588984		
71	6.4	3.8	5.8#	
51	31.6	28.0	42.0	
120	22.4	17.8	26.6	





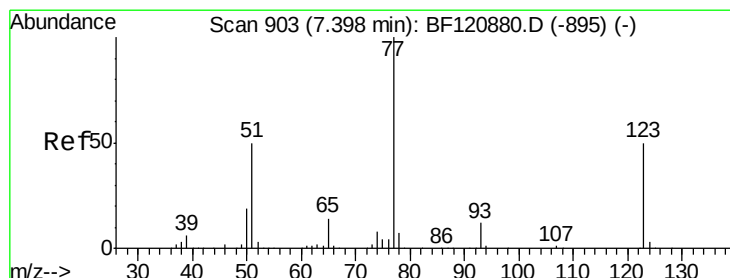
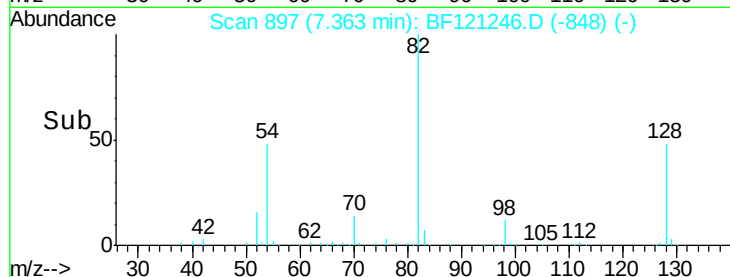
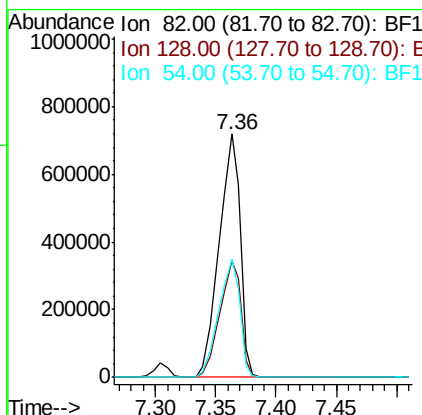
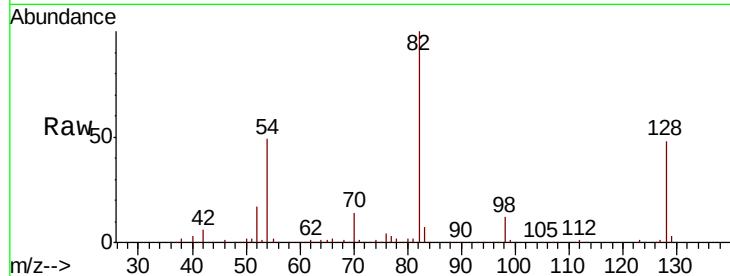
#23
 Nitrobenzene-d5
 Concen: 84.719 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF121246.D
 Acq: 11 Aug 2020 18:20

Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMPMS

Tot Ion:	82	Resp:	864498
Ion Ratio	Lower	Upper	
82	100		
128	47.8	39.2	58.8
54	48.6	37.8	56.8

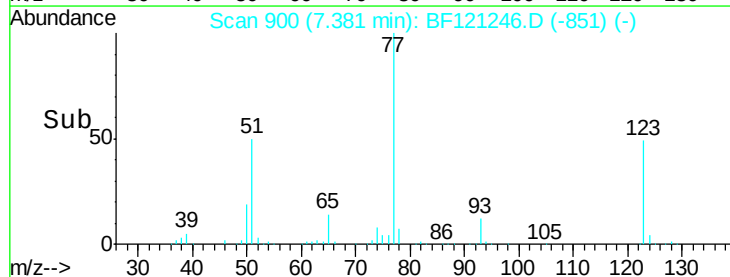
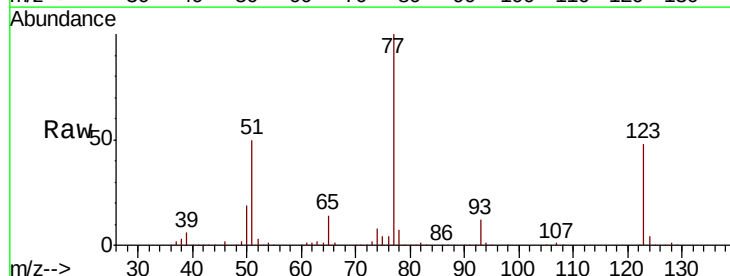
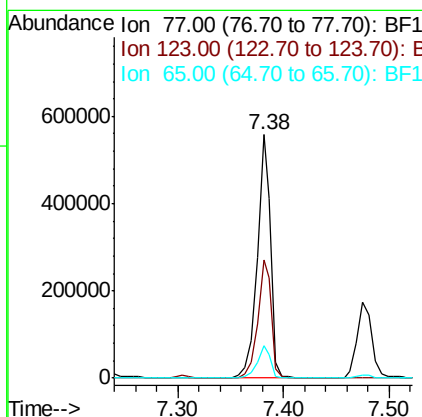
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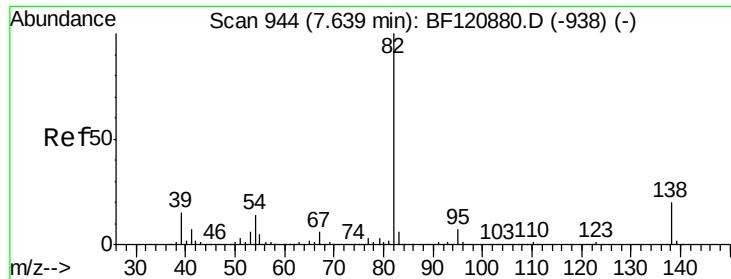
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#24
 Nitrobenzene
 Concen: 45.244 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF121246.D
 Acq: 11 Aug 2020 18:20

Tgt Ion:	77	Resp:	497601
Ion Ratio	Lower	Upper	
77	100		
123	48.3	41.0	61.6
65	13.6	10.3	15.5





#25

Isophorone

Concen: 42.760 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

Instrument :

BNA_F

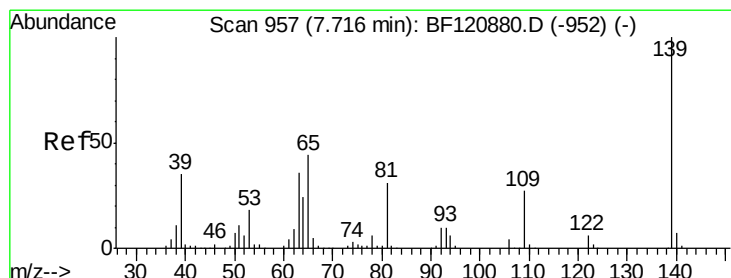
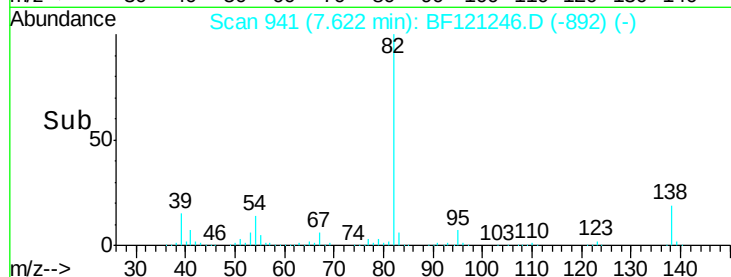
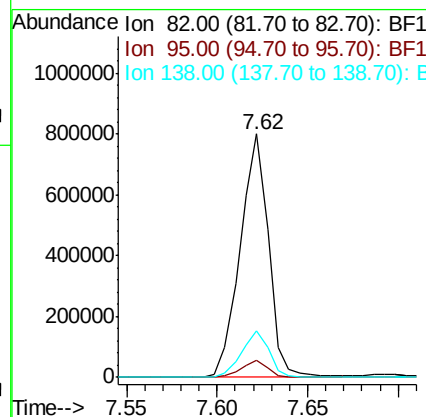
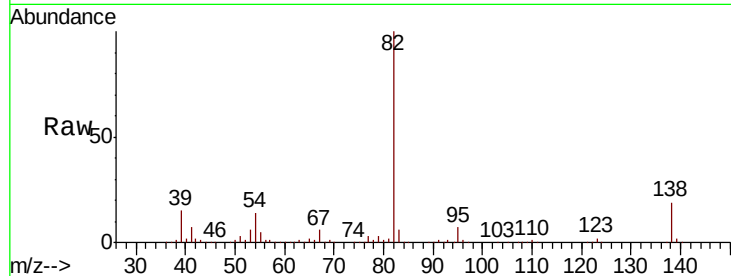
ClientSampleId :

ES-TOTE-COMPMS

Tot Ion:	82	Resp:	870823
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.5	8.3
138	19.0	16.2	24.2

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#26

2-Nitrophenol

Concen: 48.044 ng

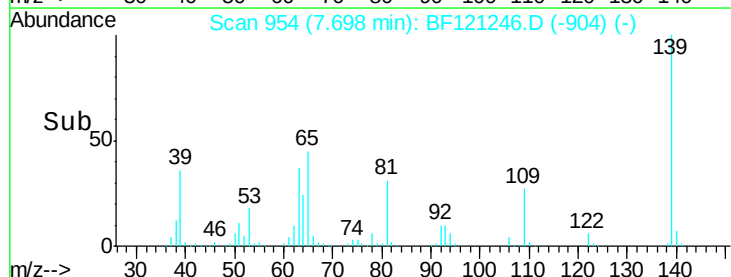
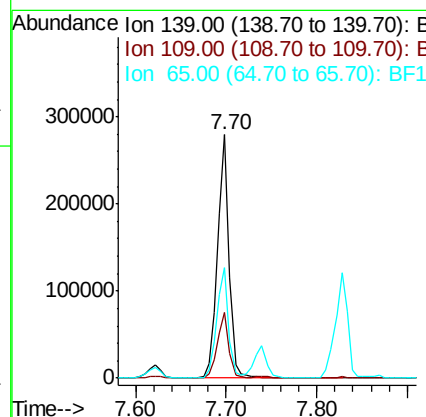
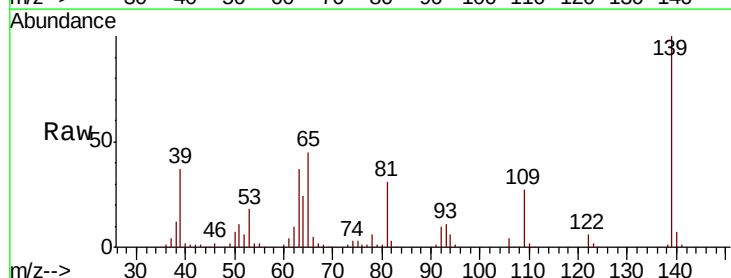
RT: 7.70 min Scan# 954

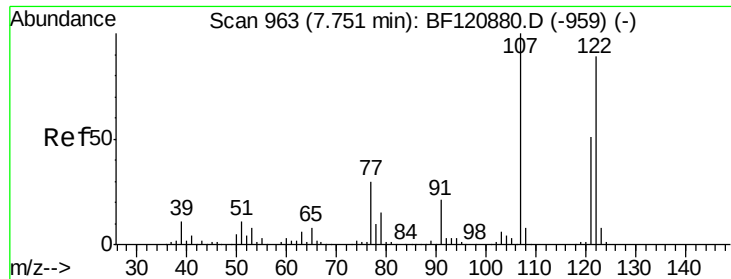
Delta R.T. -0.01 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

Tgt Ion:	139	Resp:	250953
Ion Ratio	Lower	Upper	
139	100		
109	26.9	21.7	32.5
65	45.4	36.3	54.5





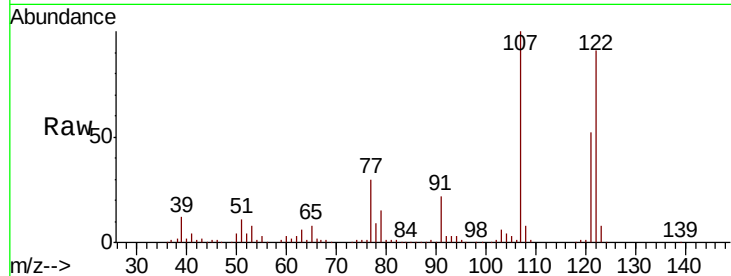
#27
2,4-Dimethylphenol
Concen: 44.190 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.4	87.1	130.7
121	57.9	45.5	68.3

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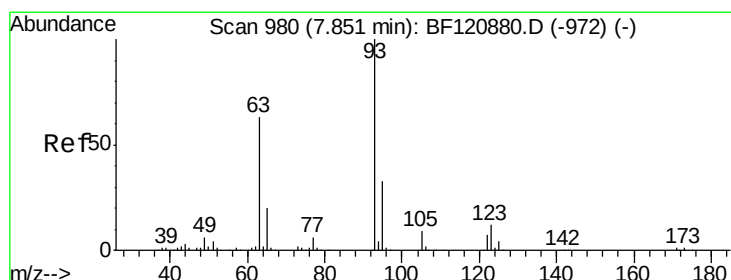
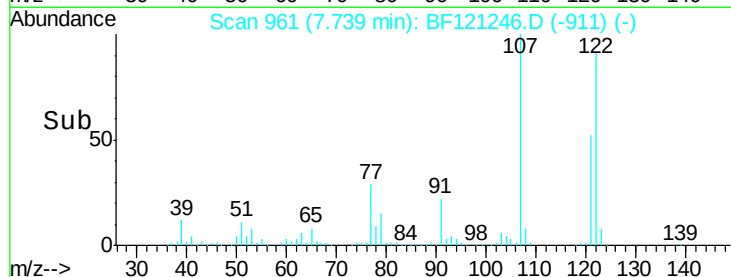
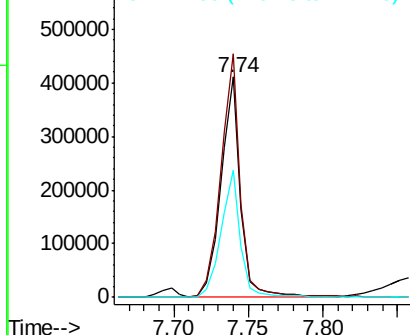


Abundance

Ion 122.00 (121.70 to 122.70): E

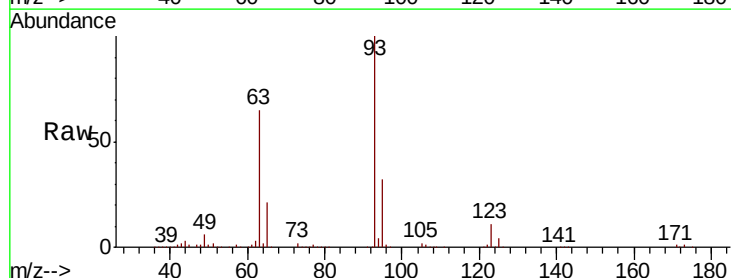
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 45.344 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.2	39.4
123	11.3	9.5	14.3

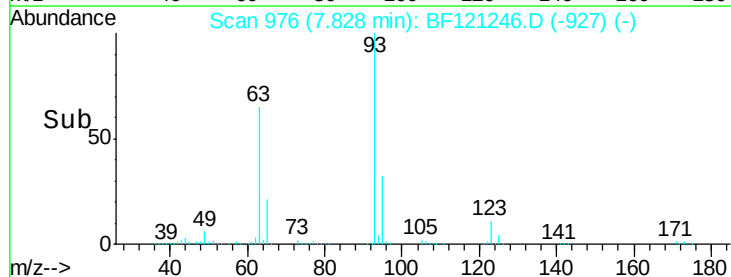
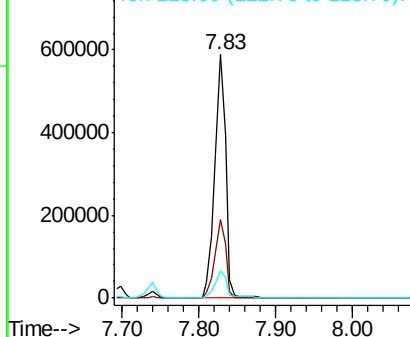


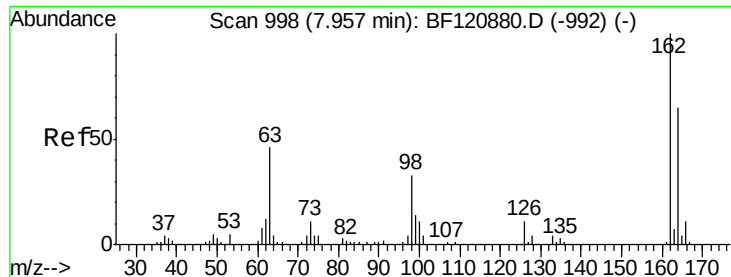
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





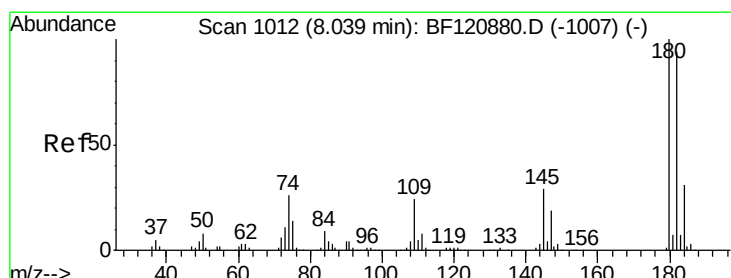
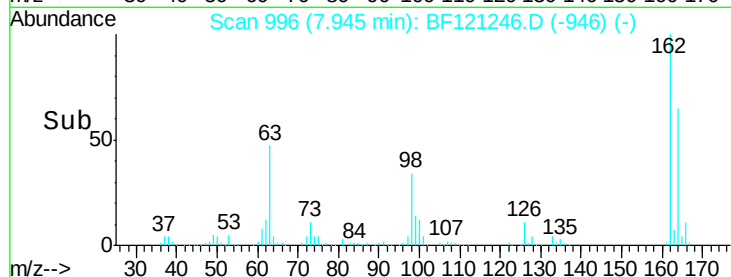
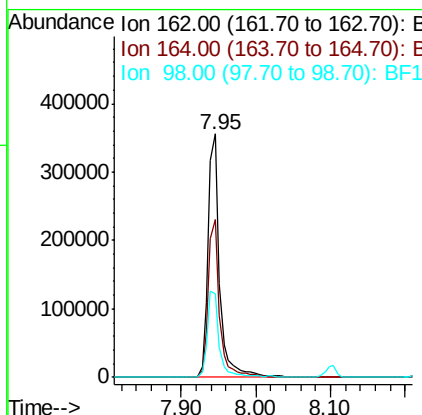
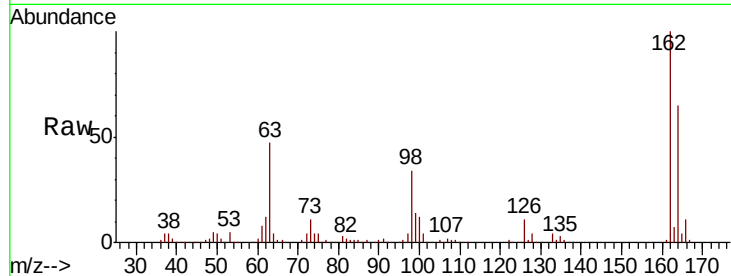
#29
2,4-Dichlorophenol
Concen: 44.616 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	386645		
164	65.0	44.7	84.7	
98	34.4	14.2	54.2	

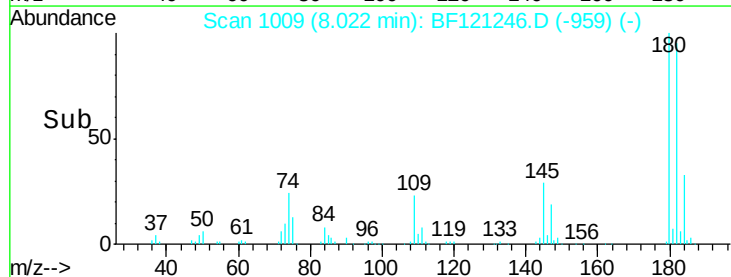
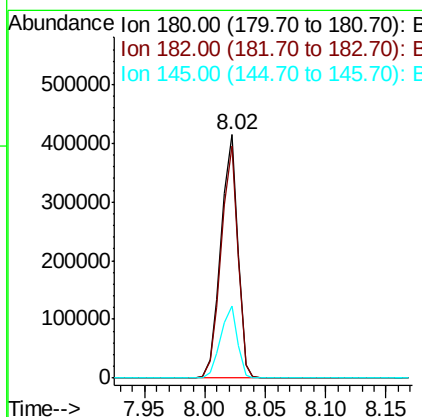
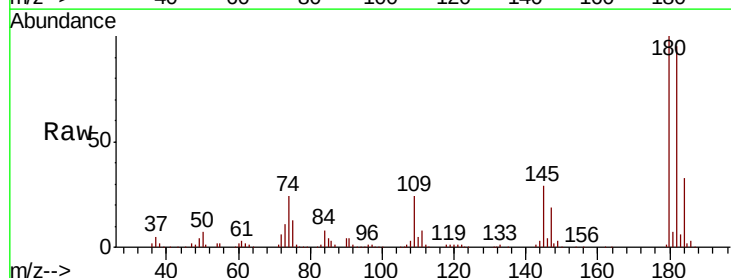
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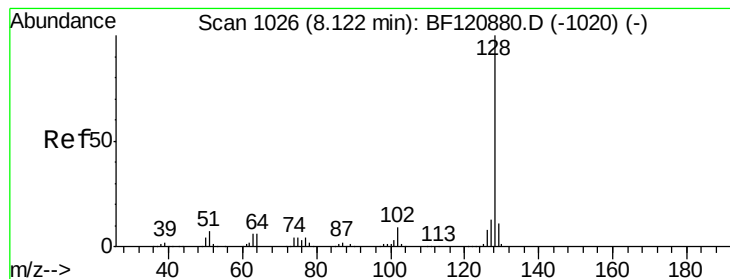
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#30
1,2,4-Trichlorobenzene
Concen: 41.865 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	402525		
182	95.2	76.4	114.6	
145	29.5	24.2	36.4	





#31

Naphthalene

Concen: 40.995 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

Instrument :

BNA_F

ClientSampleId :

ES-TOTE-COMPMS

Tot Ion:128 Resp: 1241628

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

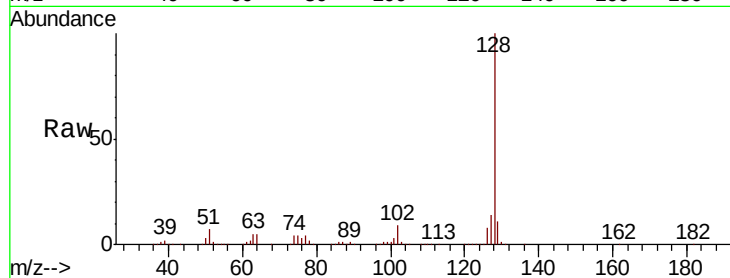
127 13.5 10.8 16.2

Manual Integrations

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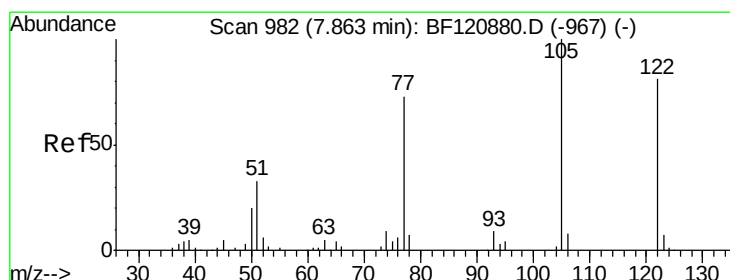
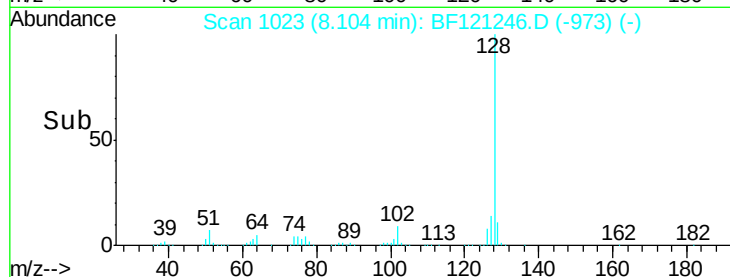
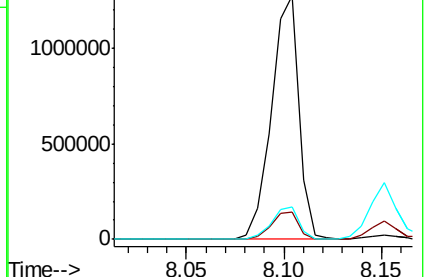
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 17.649 ng m

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

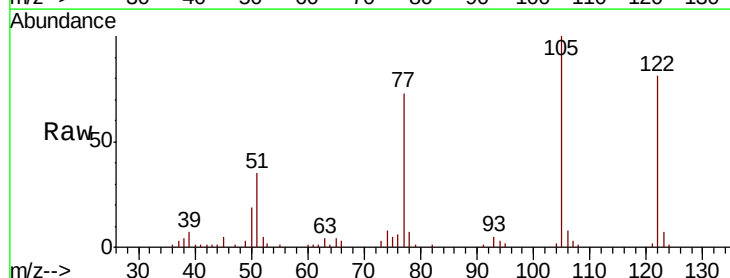
Tgt Ion:122 Resp: 112360

Ion Ratio Lower Upper

122 100

105 122.9 100.9 140.9

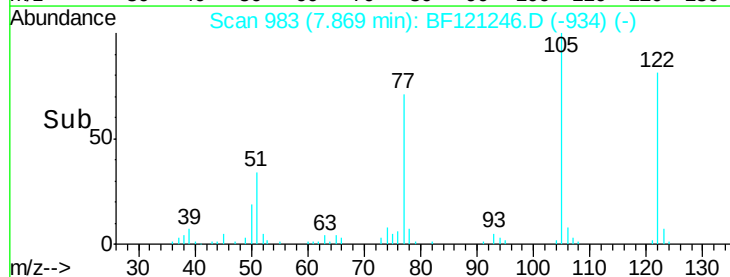
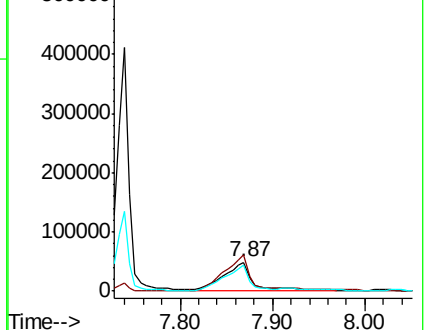
77 89.1 67.8 107.8

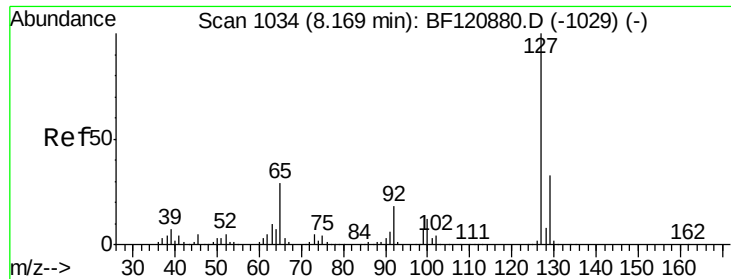


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





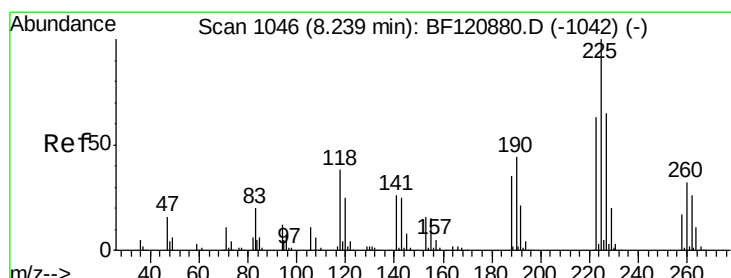
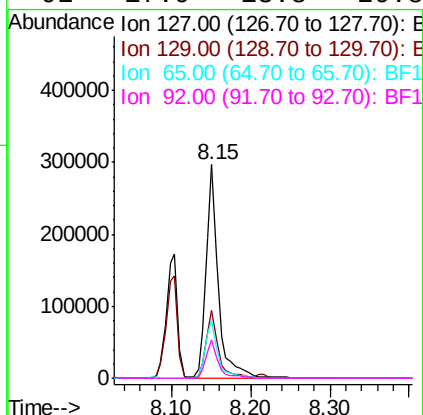
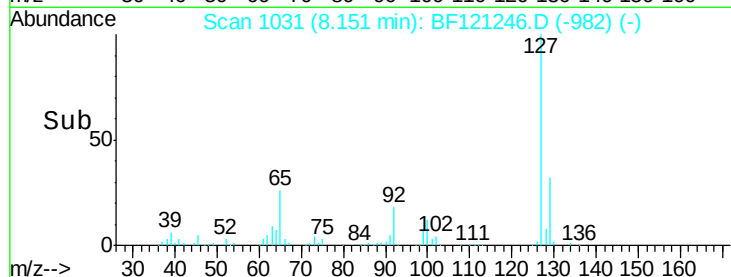
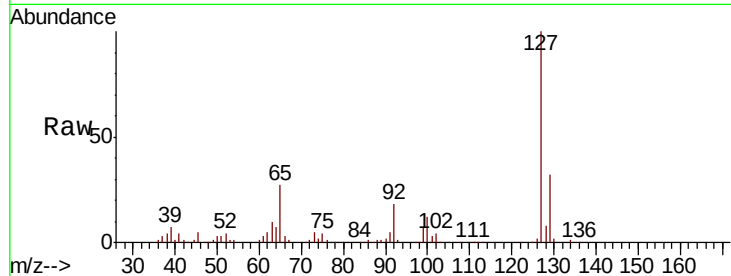
#33
4-Chloroaniline
Concen: 23.971 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.8	26.2	39.2	
65	27.2	21.4	32.0	
92	17.9	13.8	20.8	

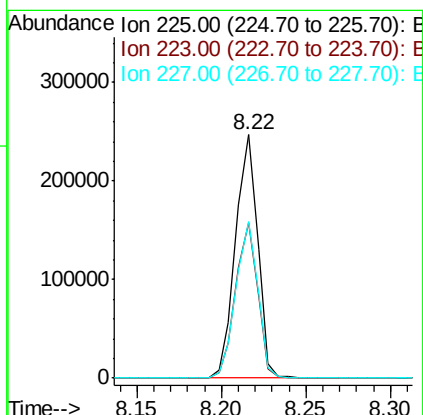
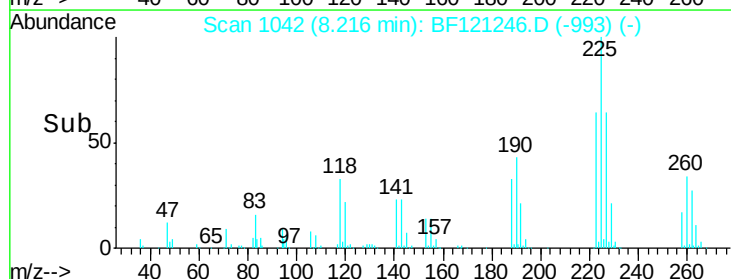
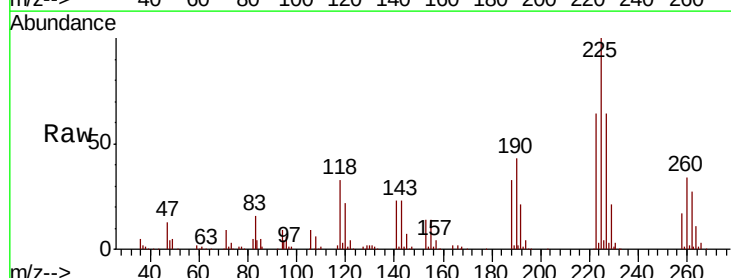
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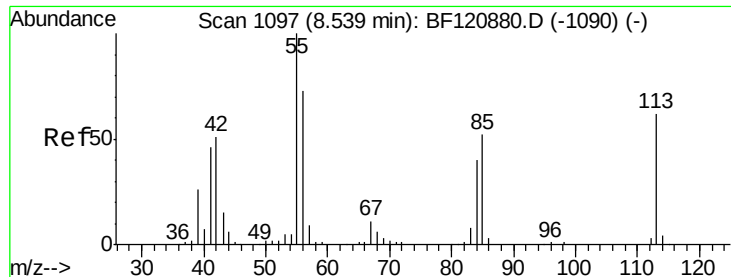
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#34
Hexachlorobutadiene
Concen: 39.810 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	49.7	74.5	
227	64.4	51.4	77.0	





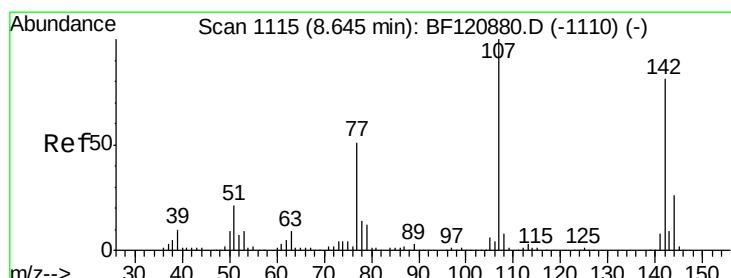
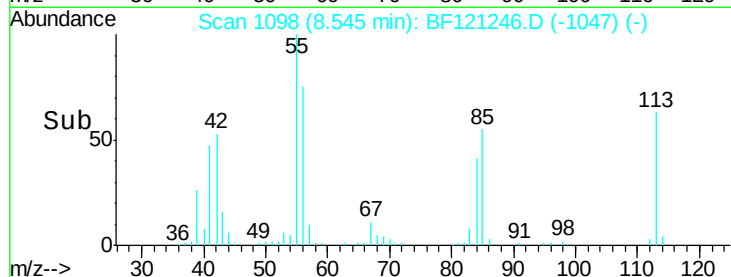
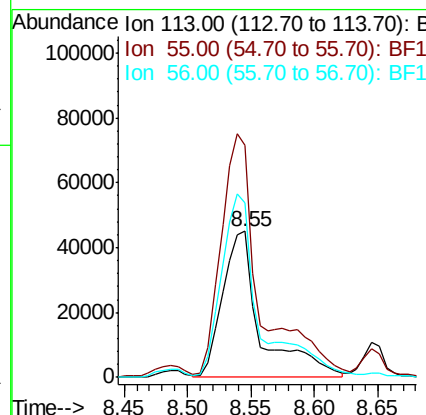
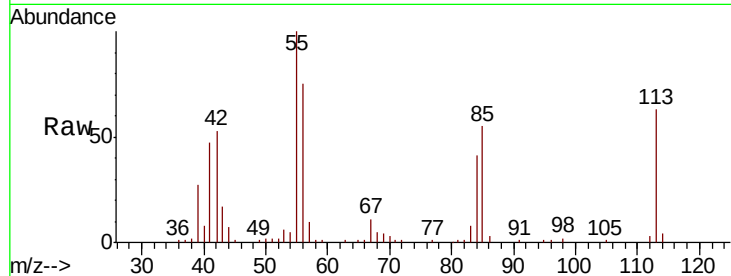
#35
 Caprolactam
 Concen: 34.251 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BF121246.D
 Acq: 11 Aug 2020 18:20

Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMPMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	158.5	131.0	171.0
56	119.6	90.4	130.4

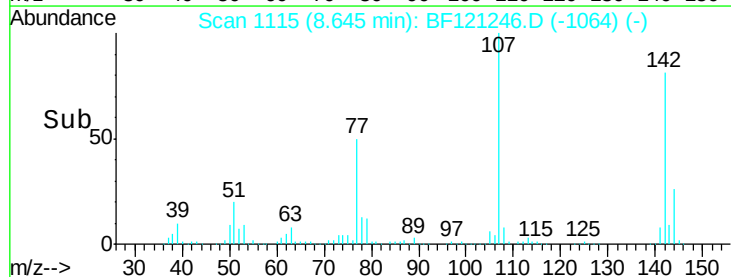
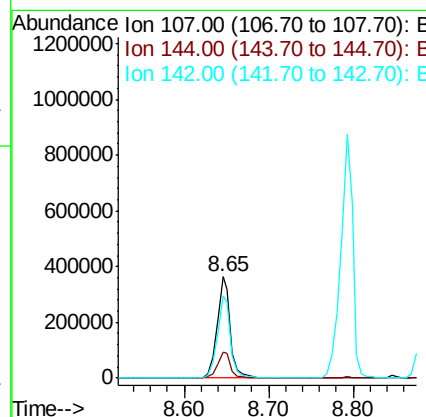
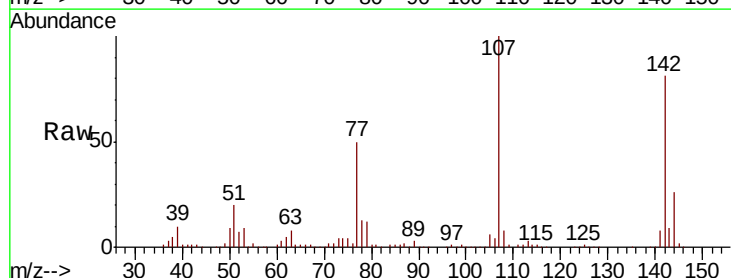
Manual Integrations
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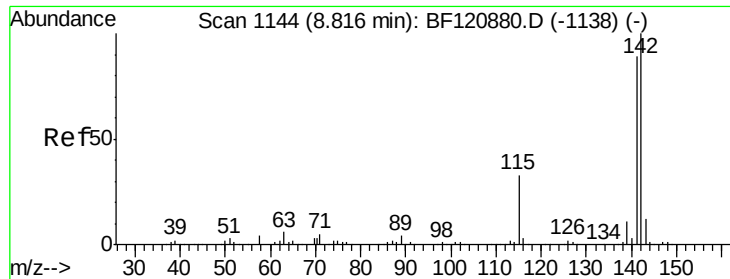
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#36
 4-Chloro-3-methylphenol
 Concen: 45.715 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF121246.D
 Acq: 11 Aug 2020 18:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.9	31.3
142	81.1	64.5	96.7





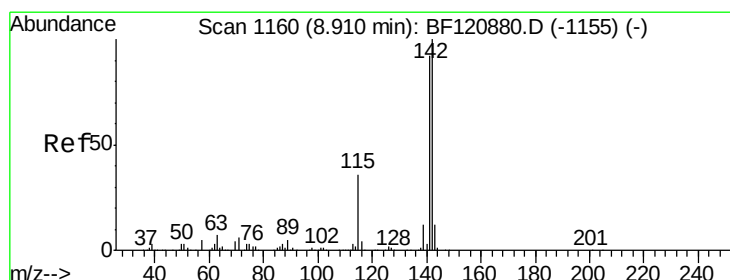
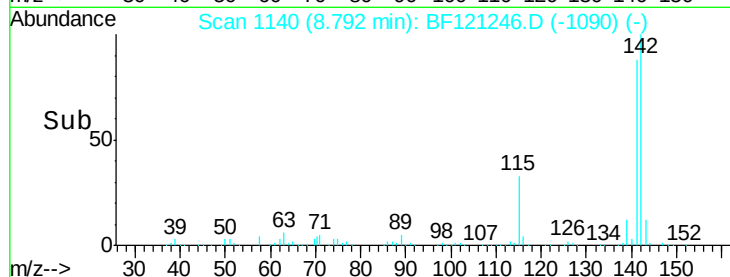
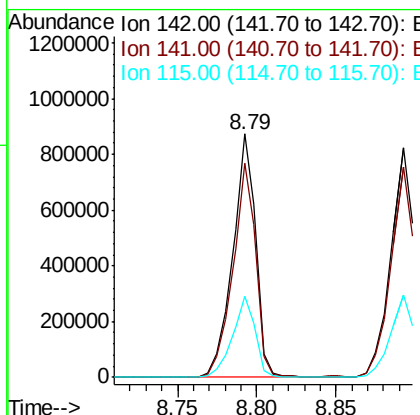
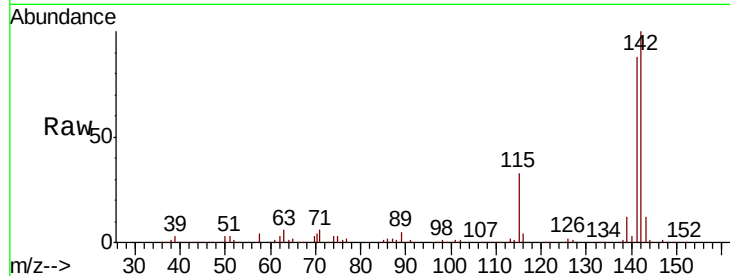
#37
2-Methylnaphthalene
Concen: 44.400 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.6	105.8
115	33.4	27.1	40.7

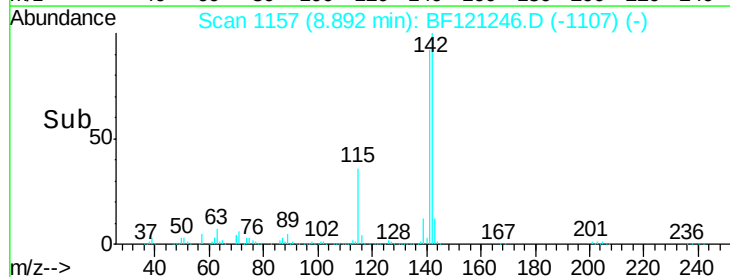
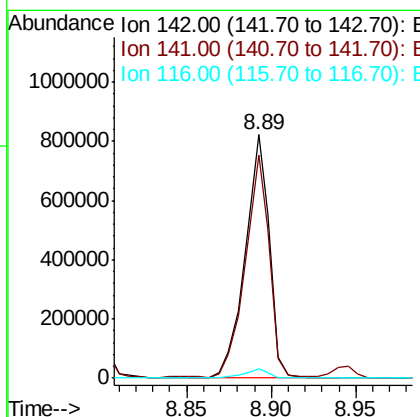
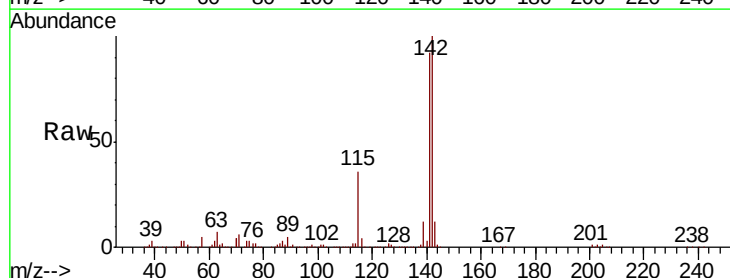
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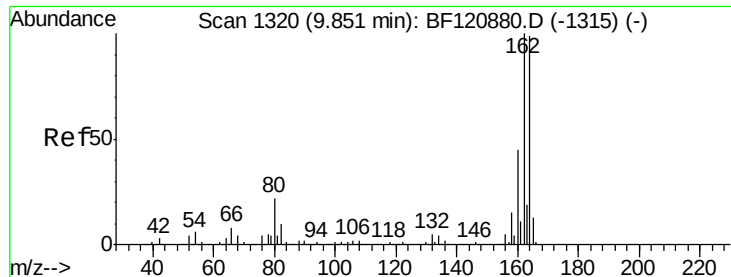
mohammad
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#38
1-Methylnaphthalene
Concen: 43.829 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.0	109.6
116	3.8	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

Instrument :

BNA_F

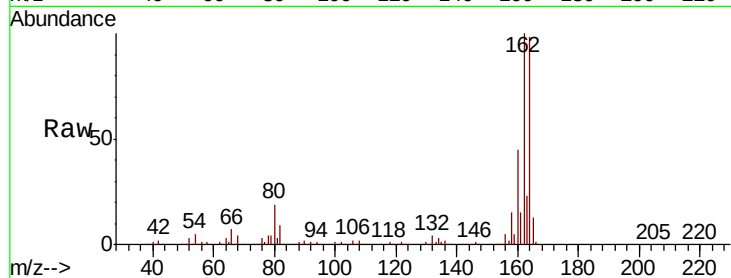
ClientSampleId :

ES-TOTE-COMPMS

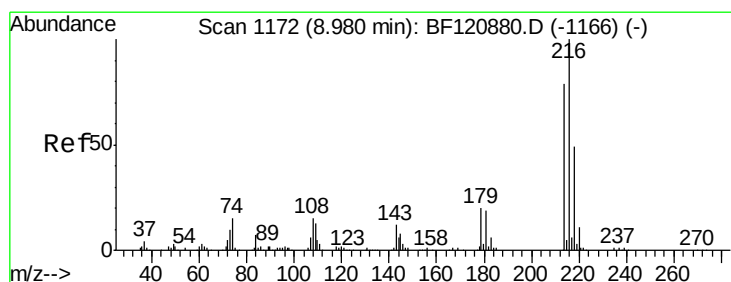
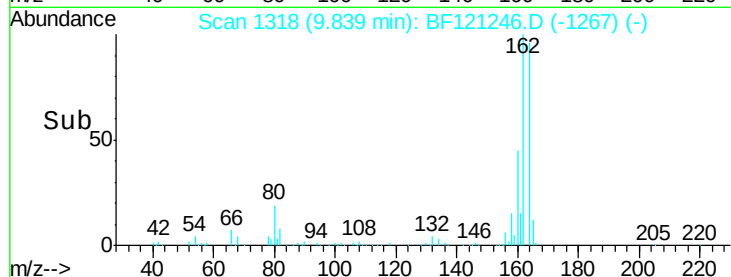
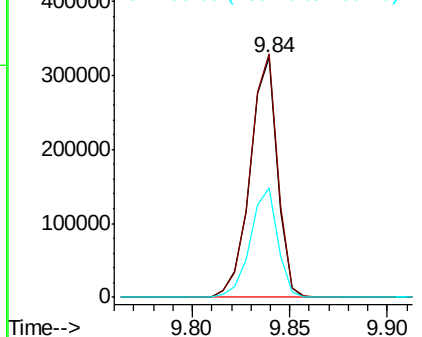
Tot Ion:	164	Resp:	314054
Ion Ratio	Lower	Upper	
164	100		
162	101.6	82.2	123.2
160	45.3	37.2	55.8

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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: 44.886 ng

RT: 8.96 min Scan# 1169

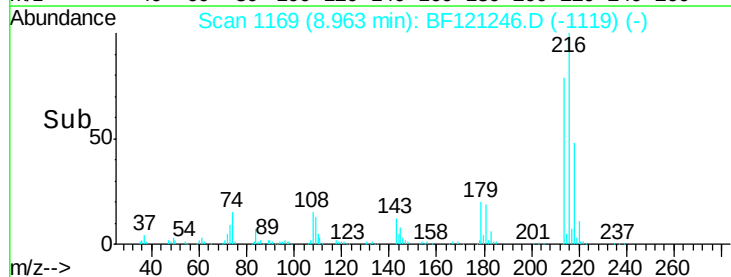
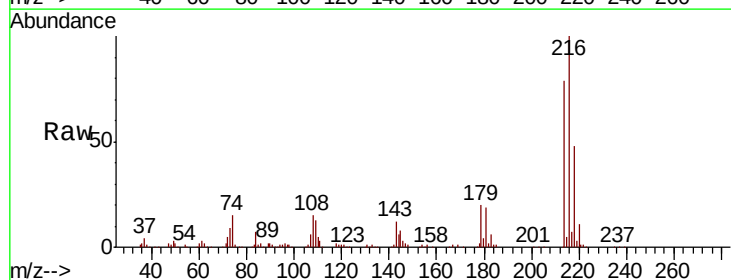
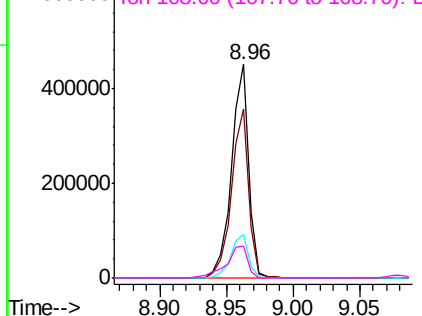
Delta R.T. -0.01 min

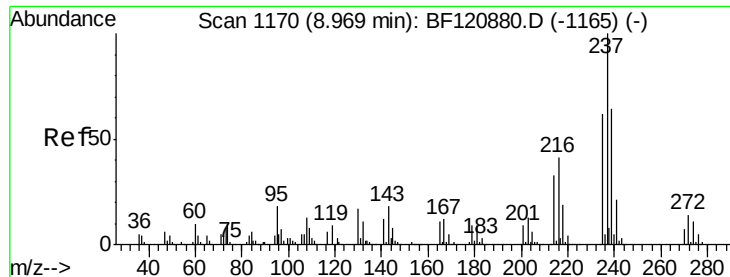
Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

Tgt Ion:	216	Resp:	410715
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.9	95.9
179	20.6	16.6	24.8
108	19.0	15.0	22.4

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: 61.131 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

Instrument :

BNA_F

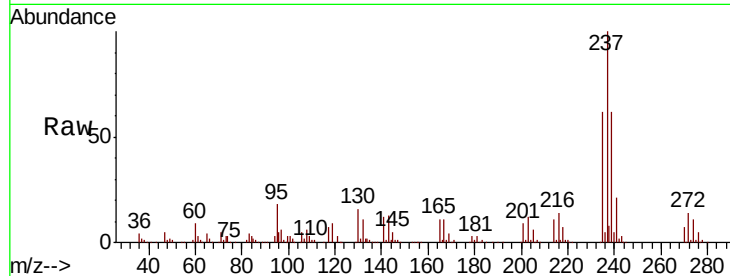
ClientSampleId :

ES-TOTE-COMPMS

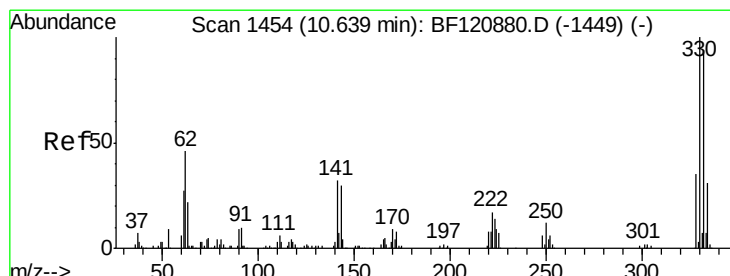
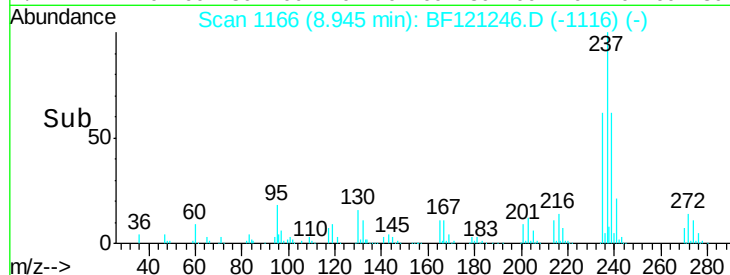
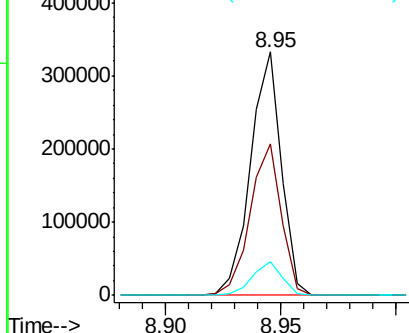
Tot Ion:	237	Resp:	309146
Ion Ratio	Lower	Upper	
237	100		
235	62.2	43.2	83.2
272	13.7	0.0	33.6

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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: 117.177 ng

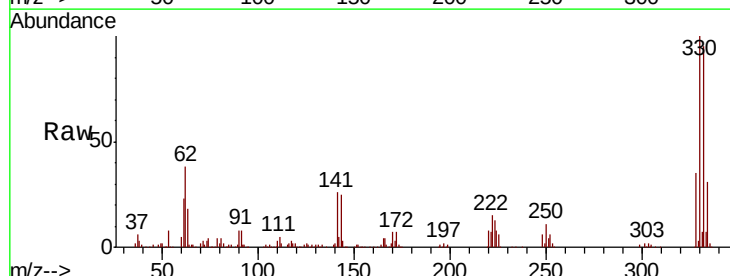
RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

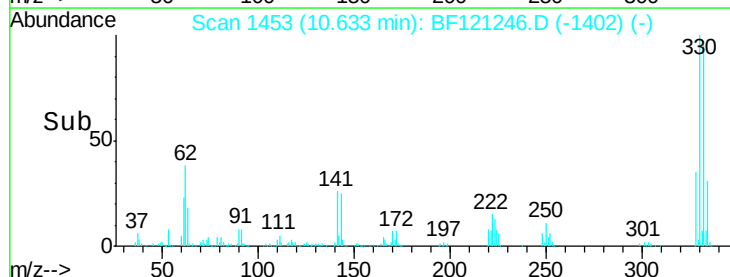
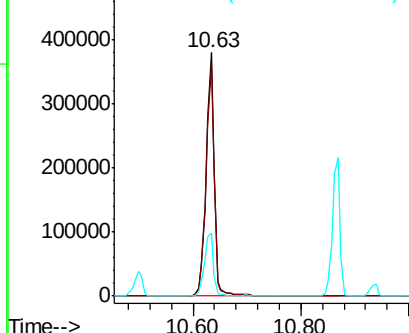
Lab File: BF121246.D

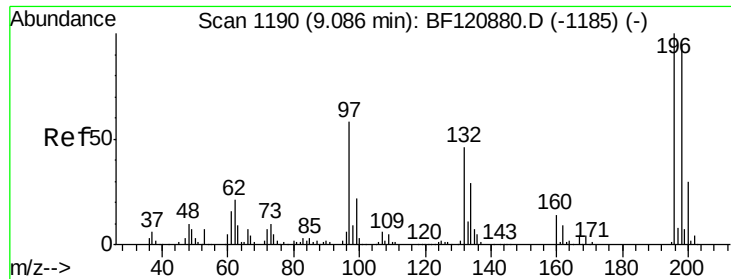
Acq: 11 Aug 2020 18:20

Tgt Ion:	330	Resp:	402811
Ion Ratio	Lower	Upper	
330	100		
332	95.9	76.1	114.1
141	28.3	24.1	36.1



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





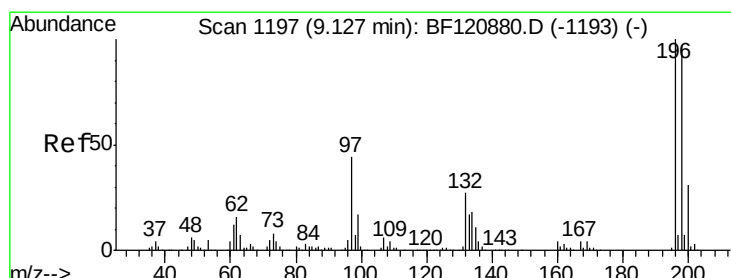
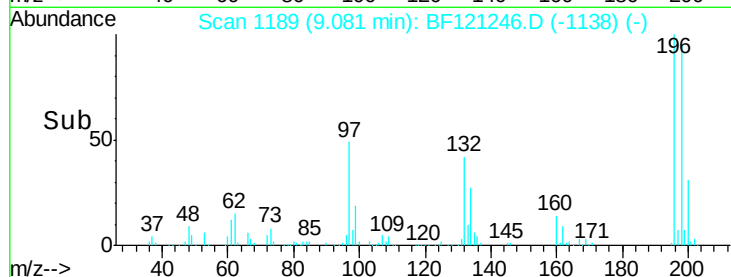
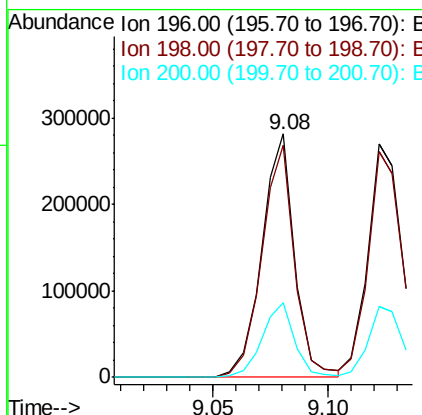
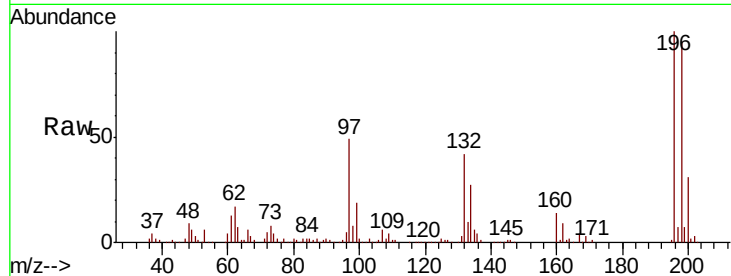
#43
 2,4,6-Trichlorophenol
 Concen: 42.993 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF121246.D
 Acq: 11 Aug 2020 18:20

Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMPMS

Tot Ion:	196	Resp:	276985
Ion Ratio	Lower	Upper	
196	100		
198	95.3	77.5	116.3
200	30.9	24.6	37.0

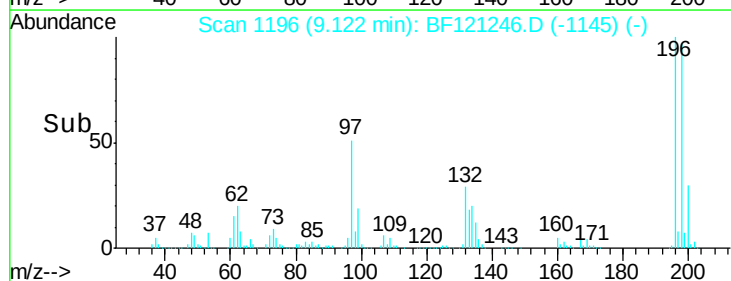
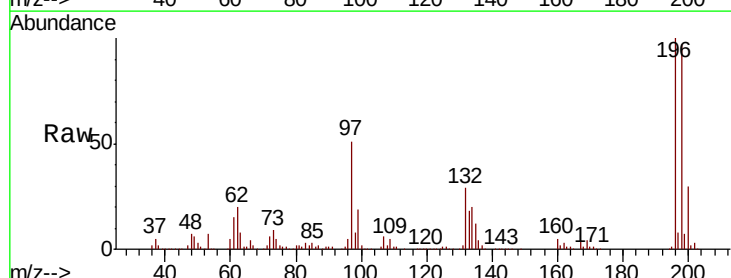
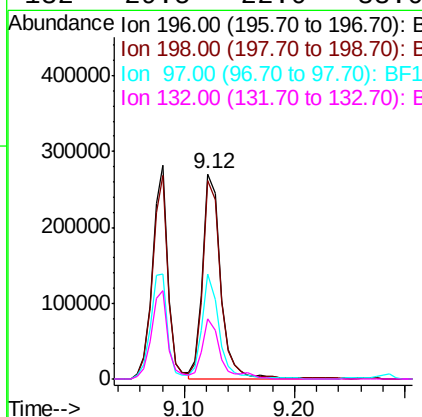
Manual Integrations
 APPROVED

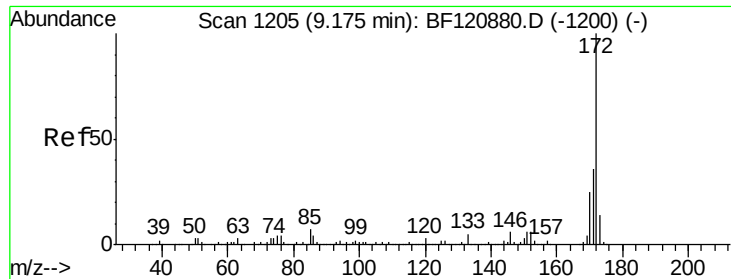
mohammad
 8/12/2020 1:47:38 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.531 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF121246.D
 Acq: 11 Aug 2020 18:20

Tgt Ion:	196	Resp:	296197
Ion Ratio	Lower	Upper	
196	100		
198	96.6	76.2	114.4
97	51.3	37.3	55.9
132	29.5	22.0	33.0





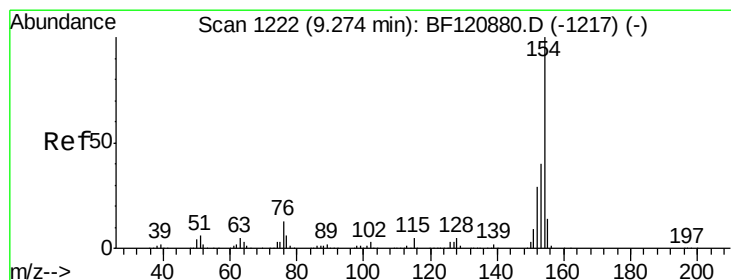
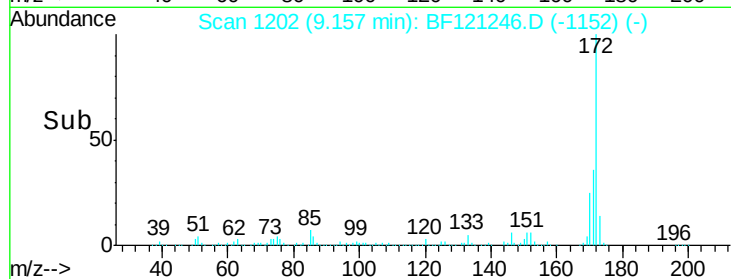
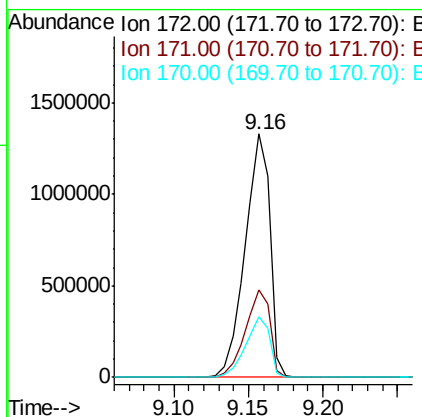
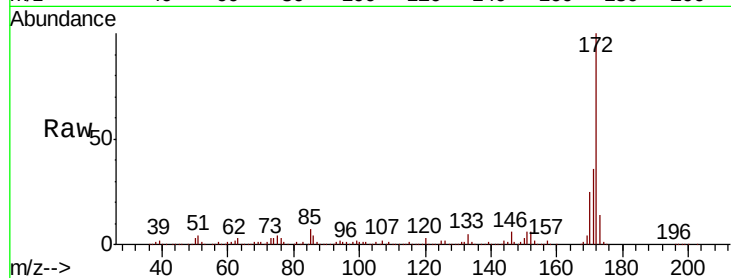
#45
2-Fluorobiphenyl
Concen: 72.532 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMS

Tot Ion:172 Resp: 1525684
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.7 19.6 29.4

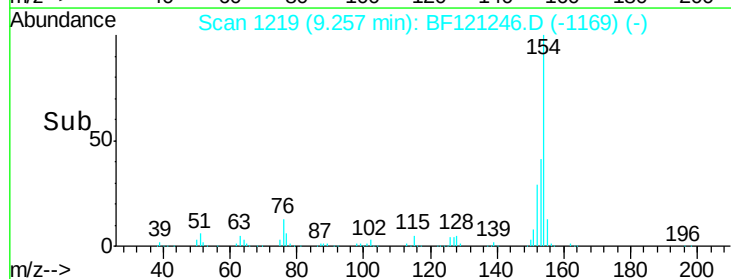
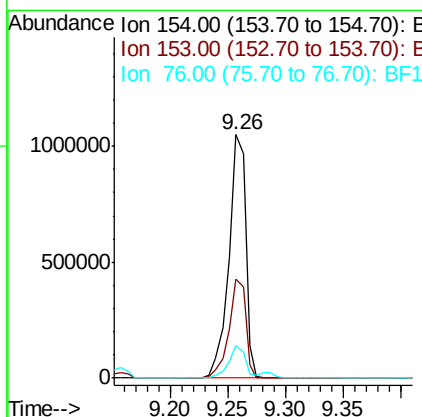
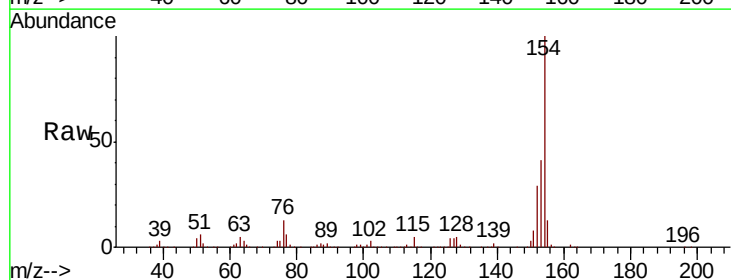
Manual Integrations
APPROVED

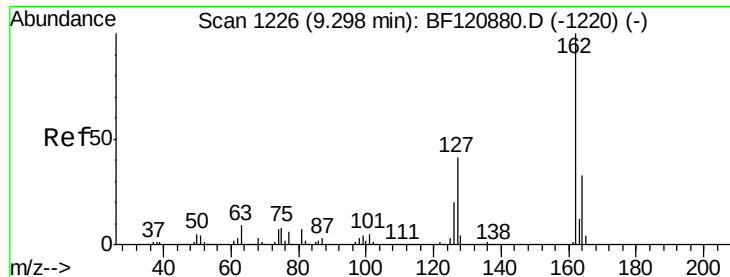
mohammad
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#46
1,1'-Biphenyl
Concen: 44.545 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Tgt Ion:154 Resp: 1067117
Ion Ratio Lower Upper
154 100
153 40.7 20.6 60.6
76 13.5 0.0 33.4





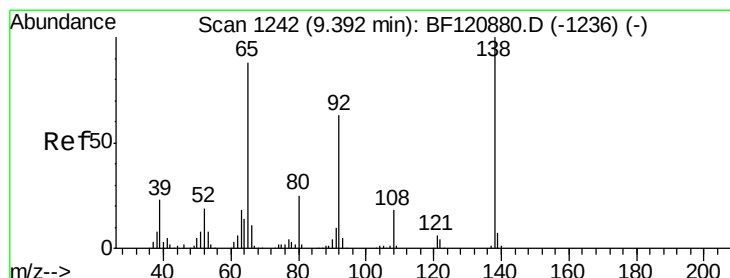
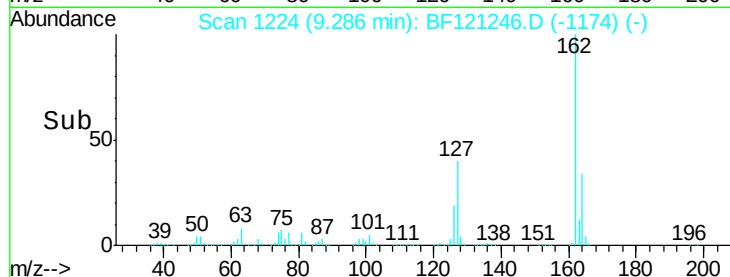
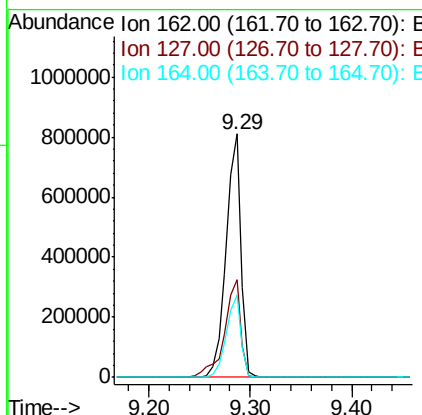
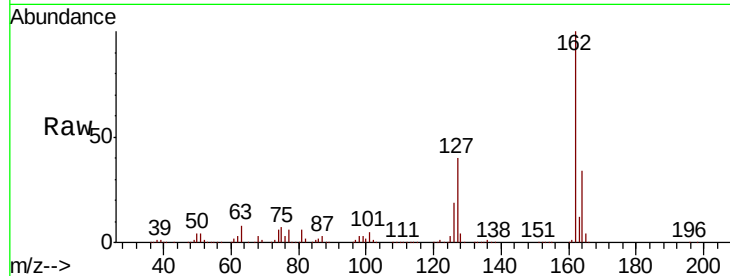
#47
 2-Chloronaphthalene
 Concen: 42.095 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF121246.D
 Acq: 11 Aug 2020 18:20

Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	40.1		31.1	46.7	
164	33.9		26.6	40.0	

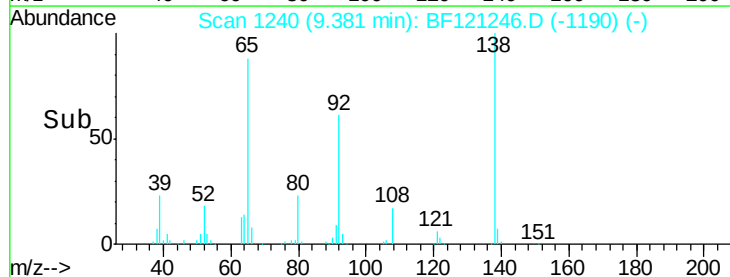
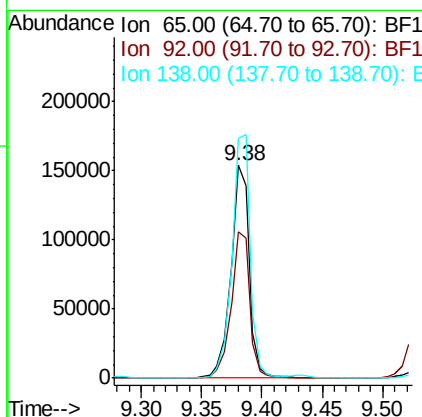
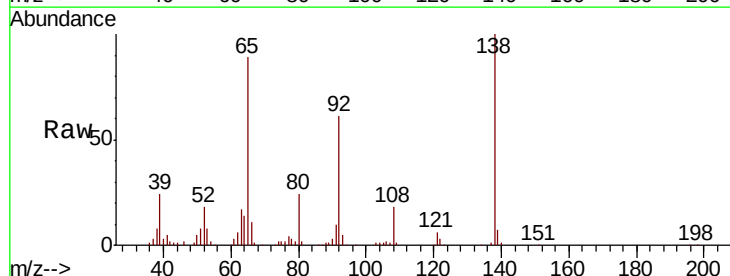
Manual Integrations
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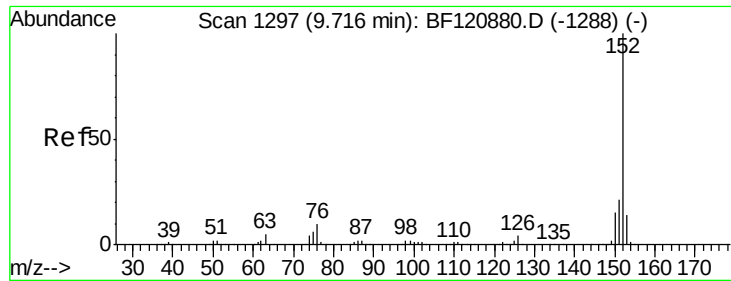
mohammad
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#48
 2-Nitroaniline
 Concen: 27.788 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF121246.D
 Acq: 11 Aug 2020 18:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	69.0		58.0	87.0	
138	112.7		93.3	139.9	





#49

Acenaphthylene

Concen: 43.042 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

Instrument :

BNA_F

ClientSampleId :

ES-TOTE-COMPMS

Tot Ion:152 Resp: 1306009

Ion Ratio Lower Upper

152 100

151 20.5 16.6 25.0

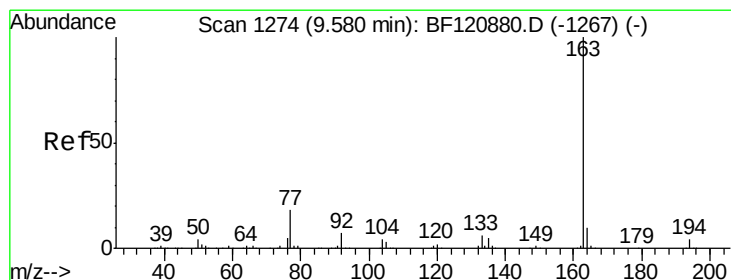
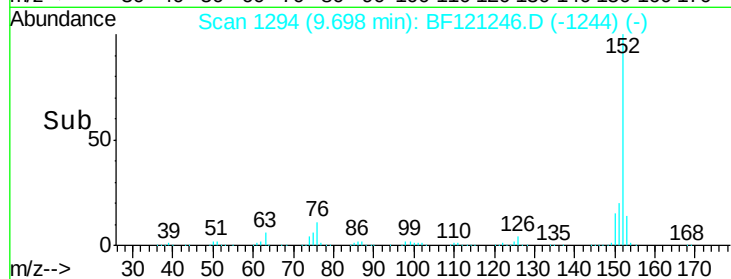
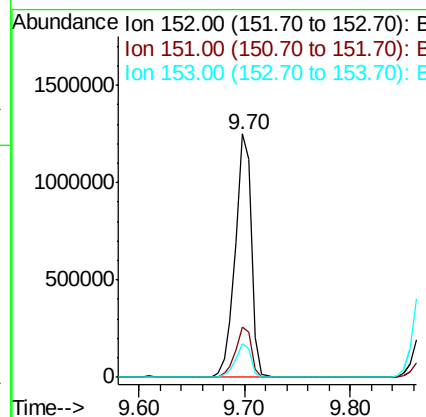
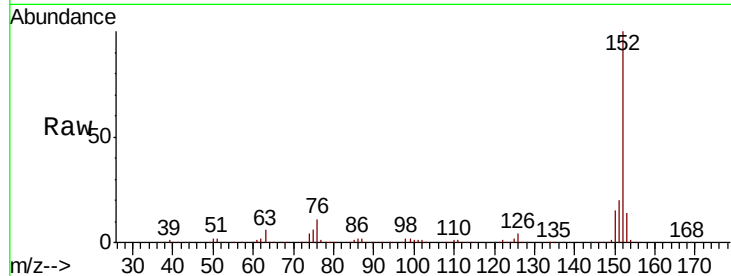
153 13.7 11.0 16.4

Manual Integrations

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8/12/2020 1:47:38 PM



#50

Dimethylphthalate

Concen: 45.333 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

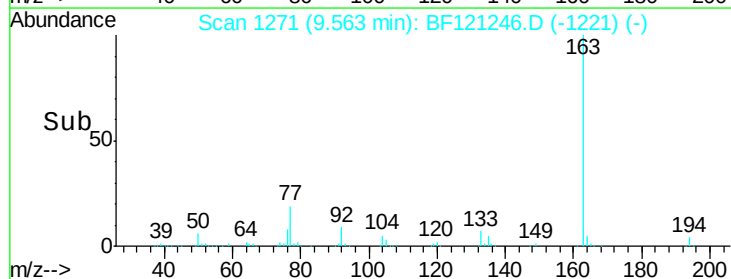
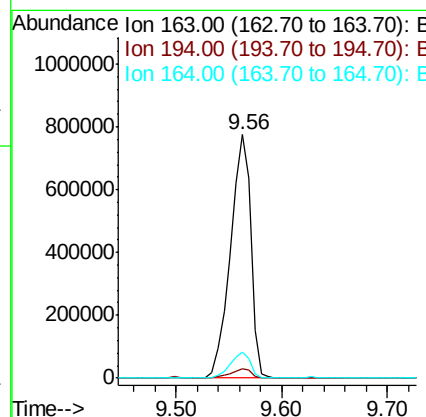
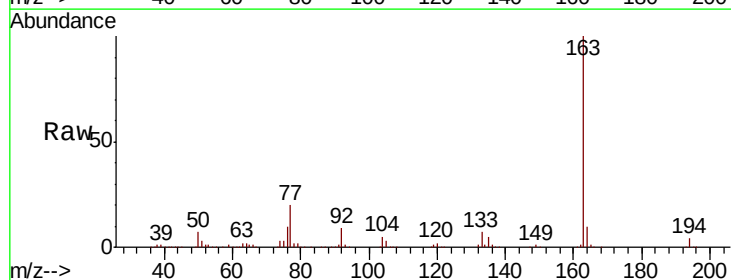
Tgt Ion:163 Resp: 1027116

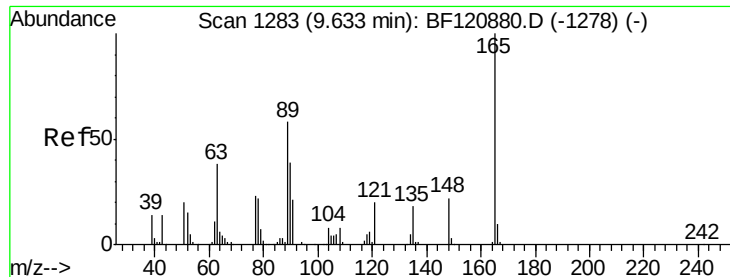
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

164 10.4 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 47.748 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

Instrument :

BNA_F

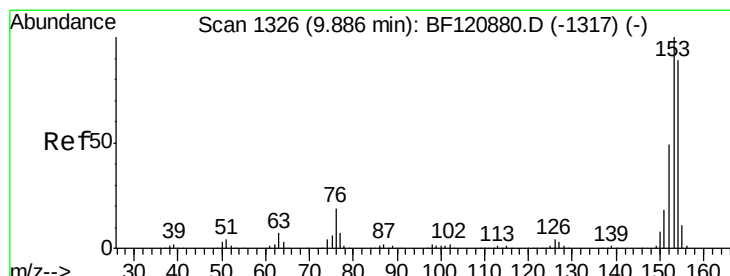
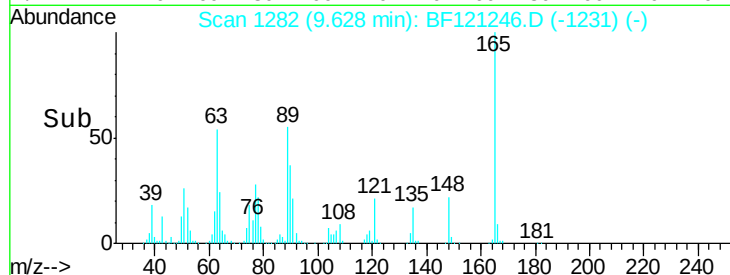
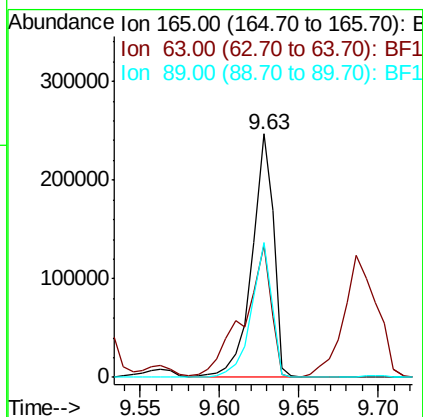
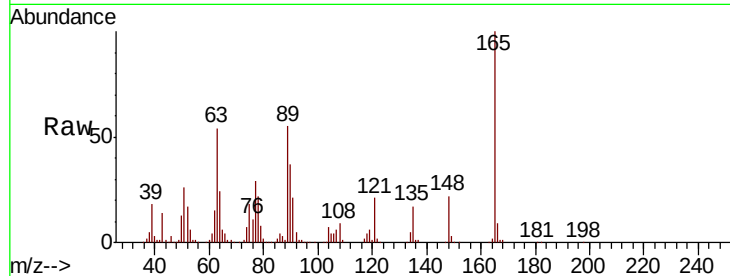
ClientSampleId :

ES-TOTE-COMPMS

Tot Ion:	165	Resp:	232423
Ion Ratio	Lower	Upper	
165	100		
63	54.1	41.1	61.7
89	55.4	43.5	65.3

Manual Integrations
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#52

Acenaphthene

Concen: 39.677 ng

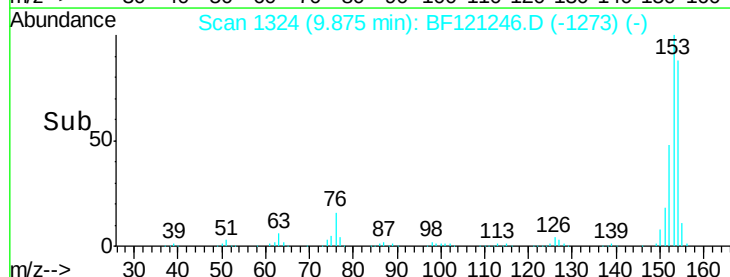
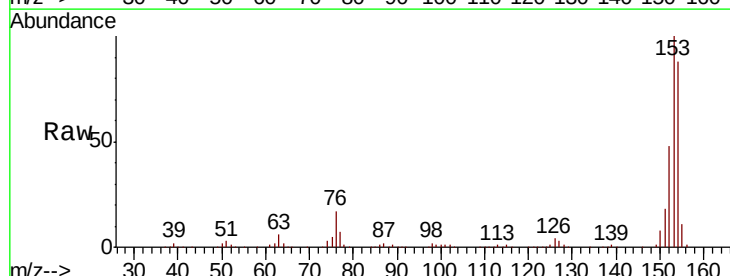
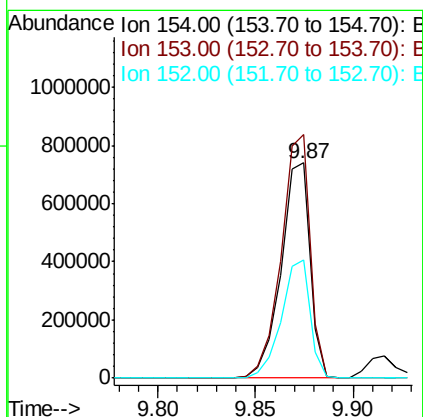
RT: 9.87 min Scan# 1324

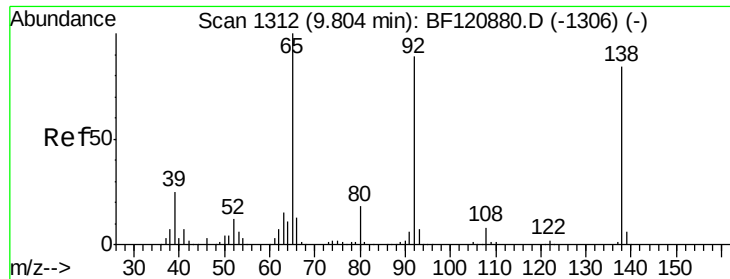
Delta R.T. 0.00 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

Tgt Ion:	154	Resp:	765412
Ion Ratio	Lower	Upper	
154	100		
153	113.2	89.6	134.4
152	54.8	43.8	65.6





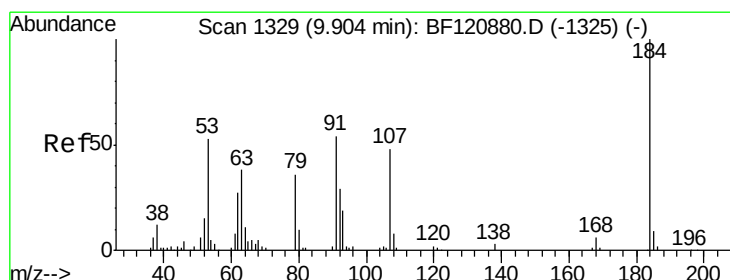
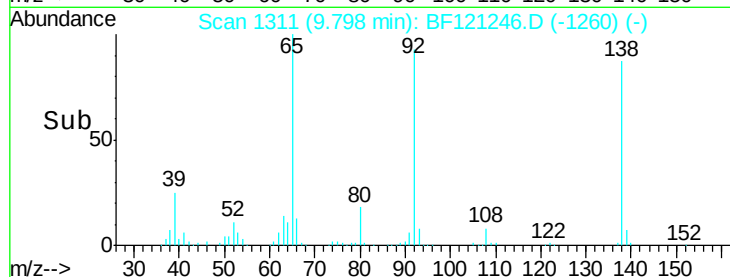
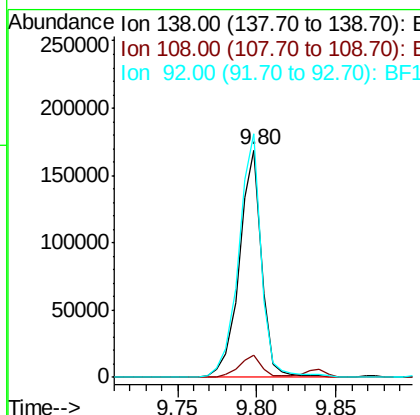
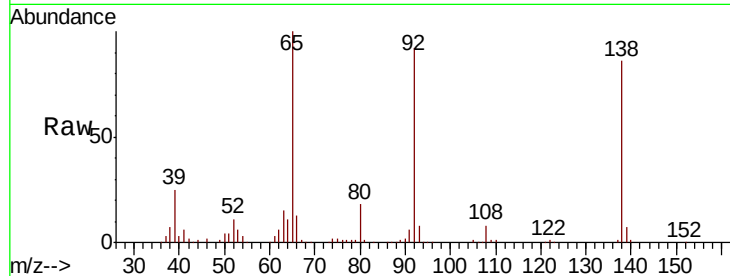
#53
3-Nitroaniline
Concen: 26.963 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.8	11.8
92	107.0	85.0	127.4

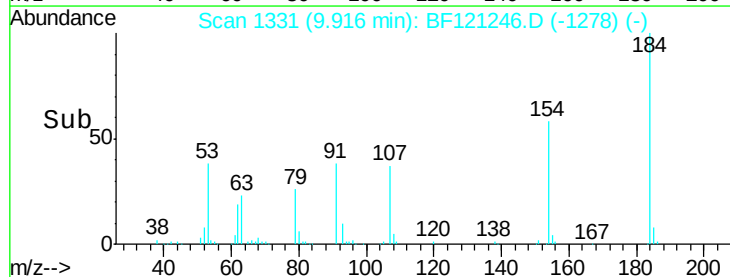
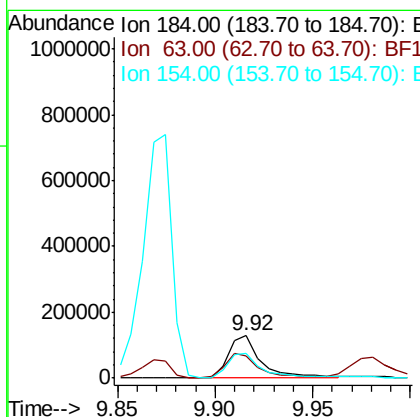
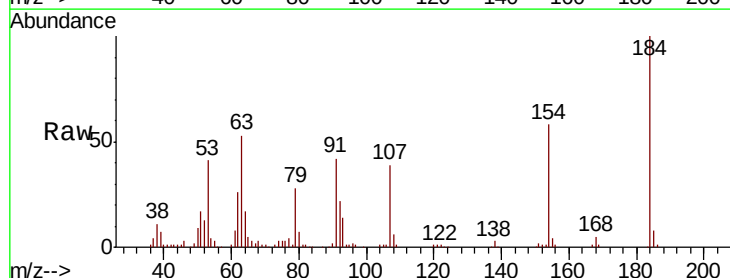
Manual Integrations
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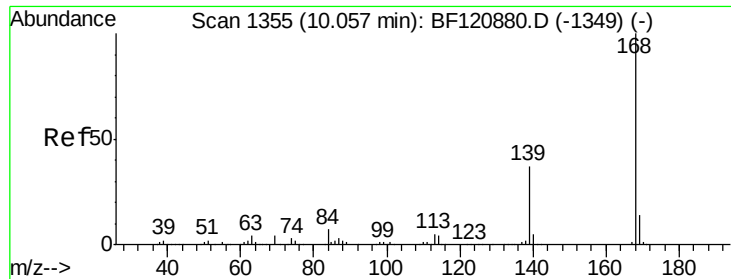
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#54
2,4-Dinitrophenol
Concen: 55.957 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.4	42.5	63.7
154	58.2	46.8	70.2





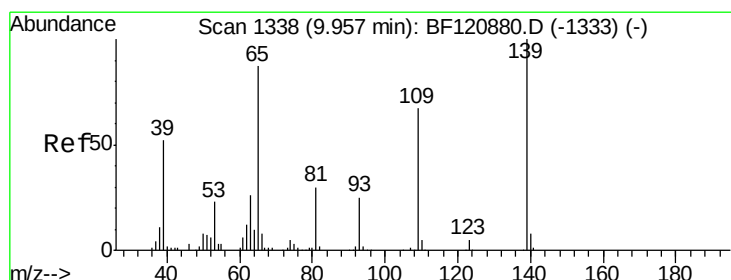
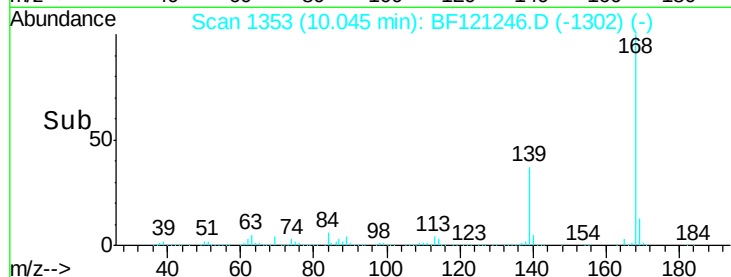
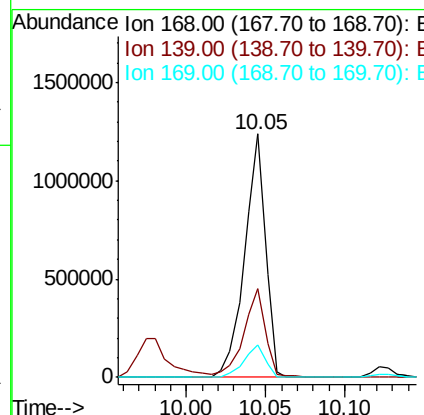
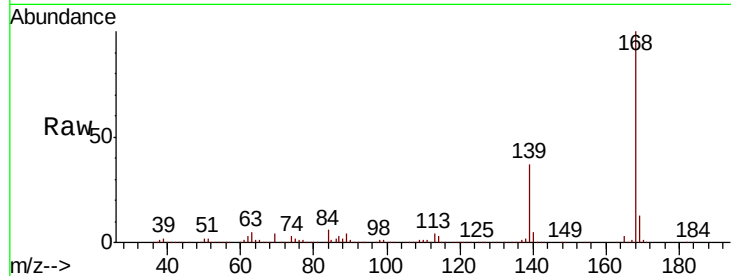
#55
Dibenzenofuran
Concen: 40.540 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.1	45.1
169	13.4	11.3	16.9

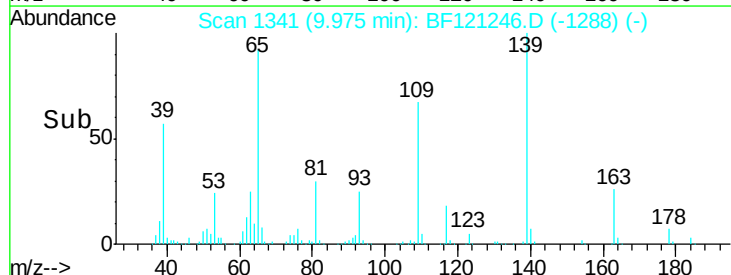
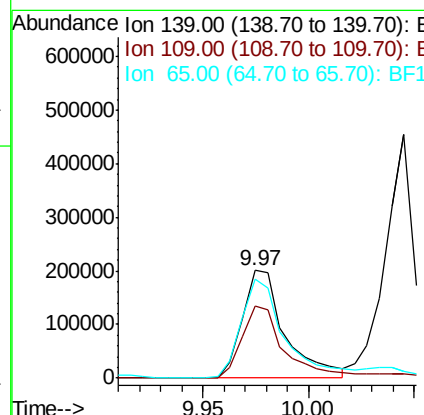
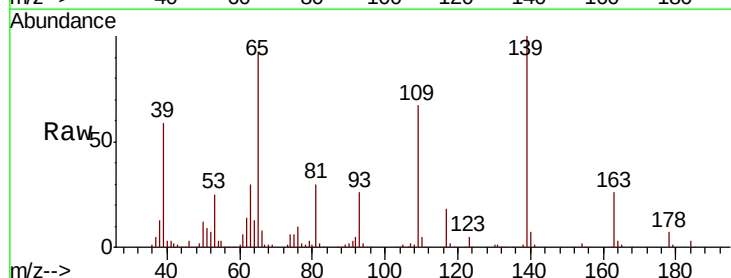
Manual Integrations
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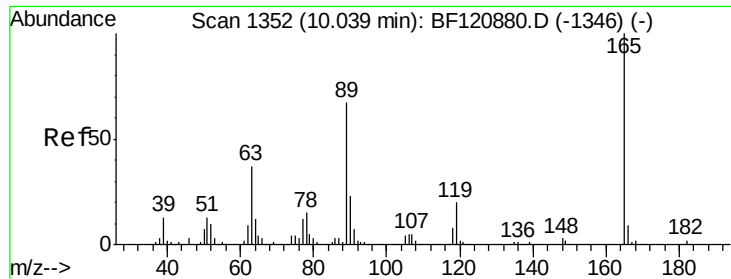
mohammad
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#56
4-Nitrophenol
Concen: 60.537 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.7	44.8	84.8
65	92.1	65.6	105.6





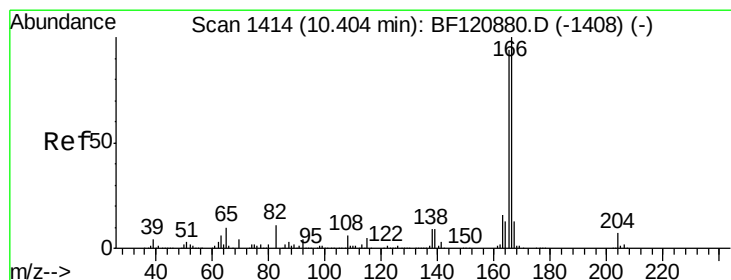
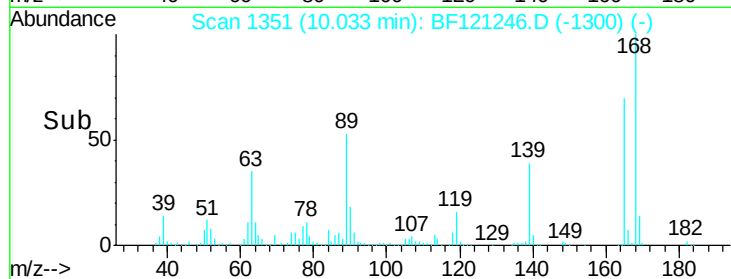
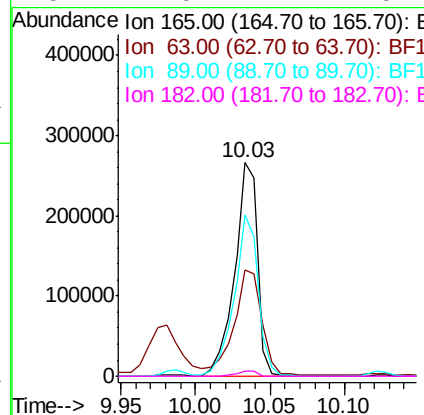
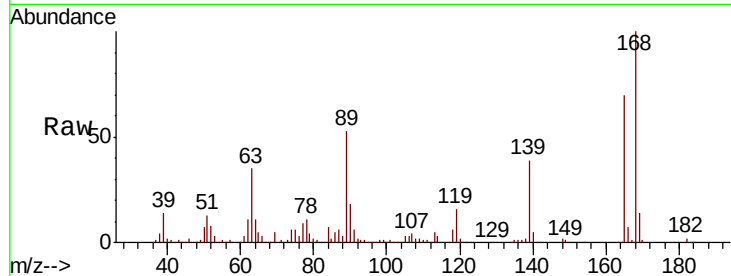
#57
2,4-Dinitrotoluene
Concen: 45.086 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	288203		
63	49.9	29.8	44.8#	
89	75.7	50.3	75.5#	
182	2.5	2.1	3.1	

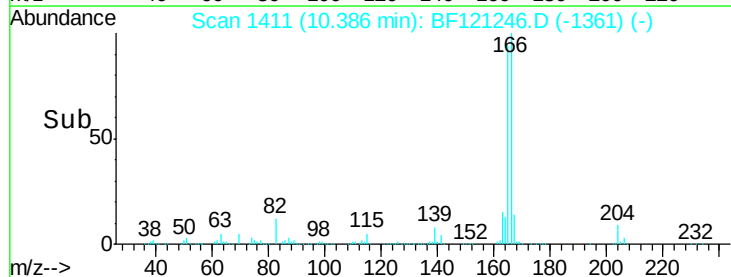
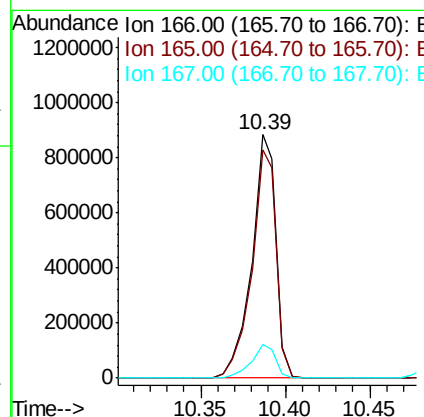
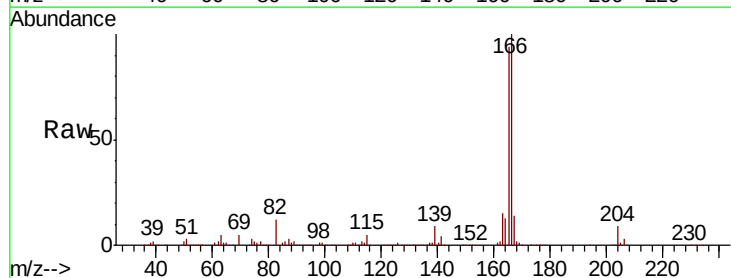
Manual Integrations
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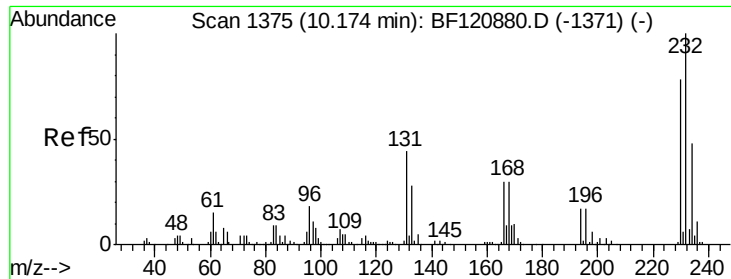
mohammad
8/12/2020 1:47:38 PM



#58
Fluorene
Concen: 42.406 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	882300		
165	93.9	76.4	114.6	
167	13.7	10.7	16.1	





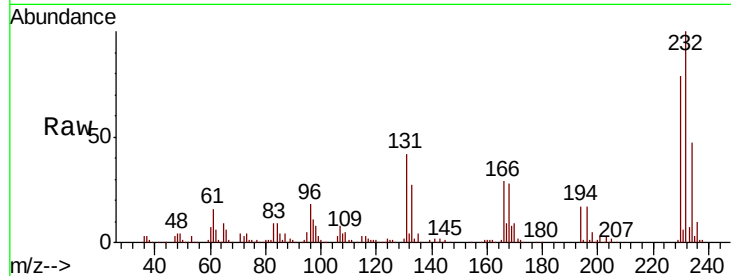
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.637 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BF121246.D
 Acq: 11 Aug 2020 18:20

Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMPMS

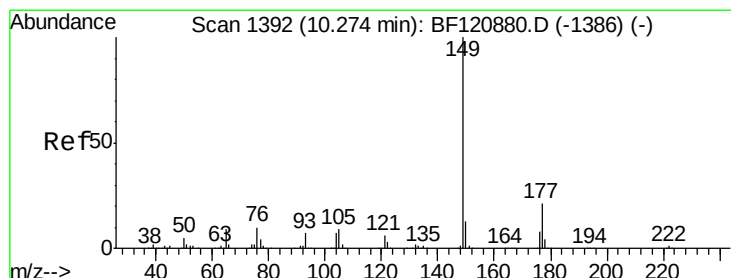
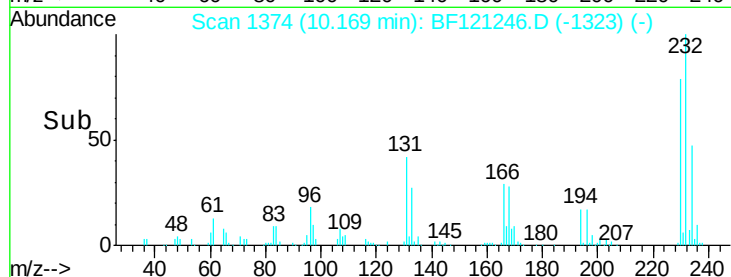
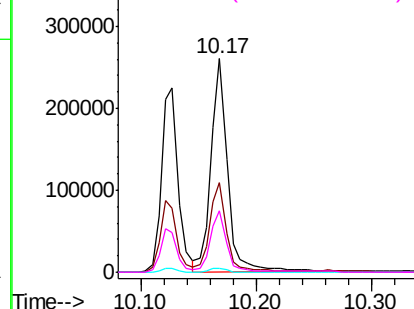
Tot Ion	Ratio	Resp	Lower	Upper
232	100	259495		
131	41.6		34.2	51.2
130	2.1		1.7	2.5
166	27.8		23.1	34.7

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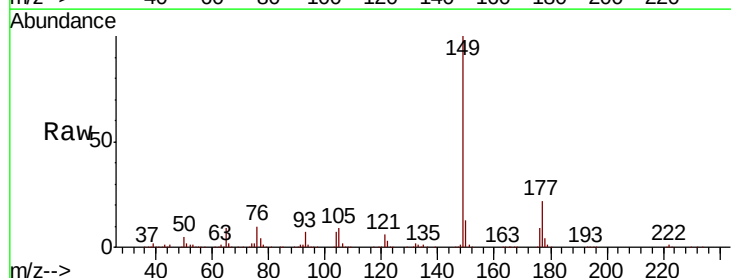


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

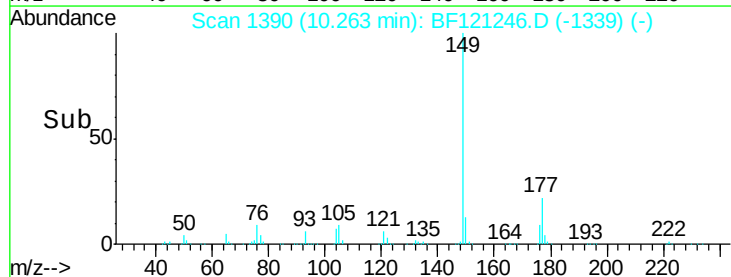
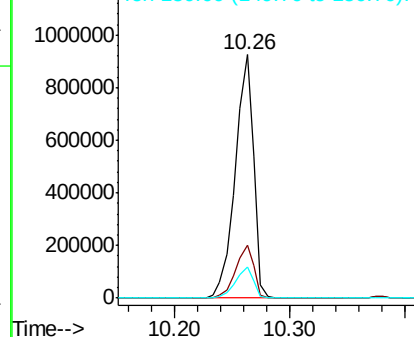


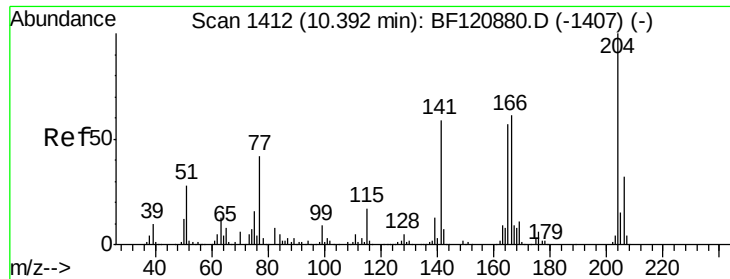
#60
 Diethylphthalate
 Concen: 44.309 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF121246.D
 Acq: 11 Aug 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1015434		
177	21.8		17.6	26.4
150	12.7		10.2	15.4



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





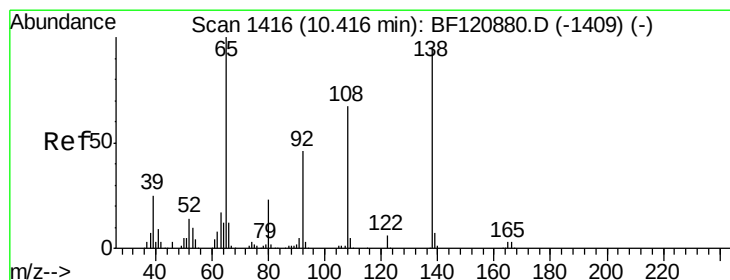
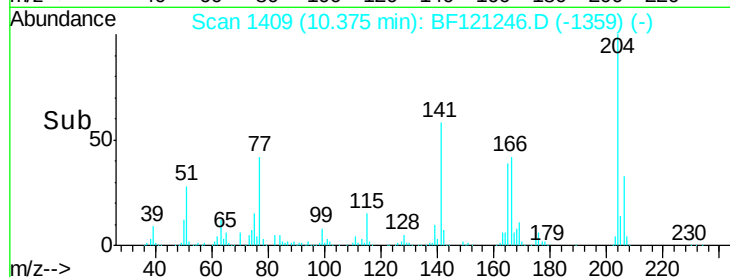
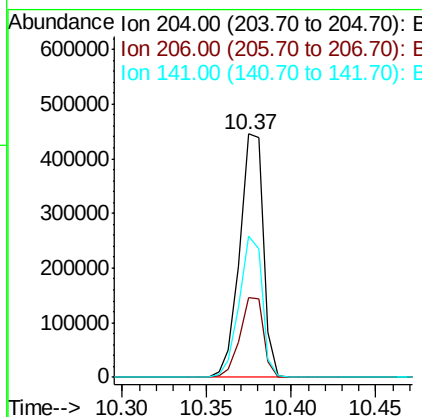
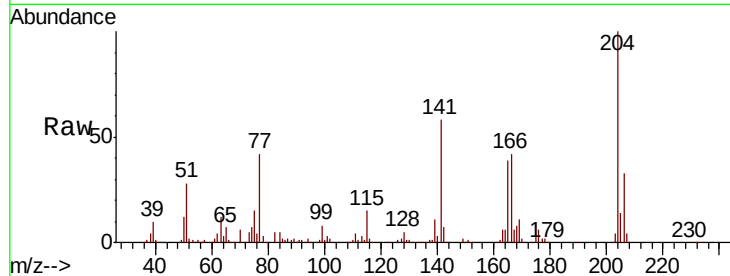
#61
 4-Chlorophenyl-phenylether
 Concen: 39.205 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF121246.D
 Acq: 11 Aug 2020 18:20

Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMPMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.0	39.0
141	58.1	46.9	70.3

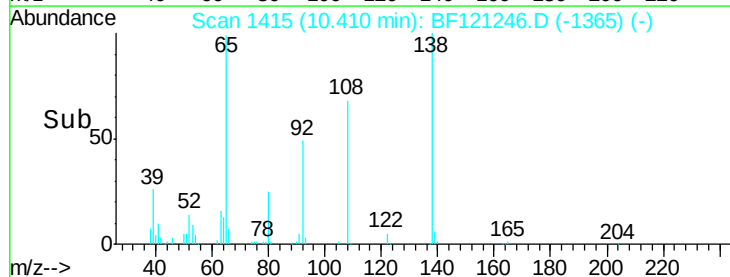
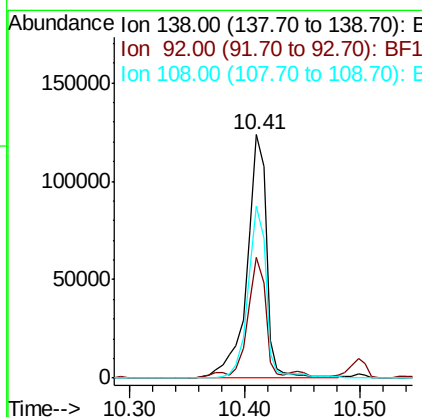
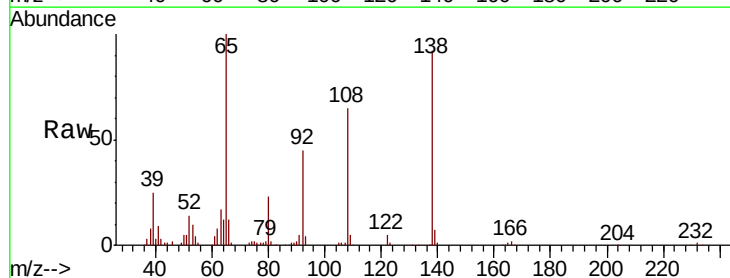
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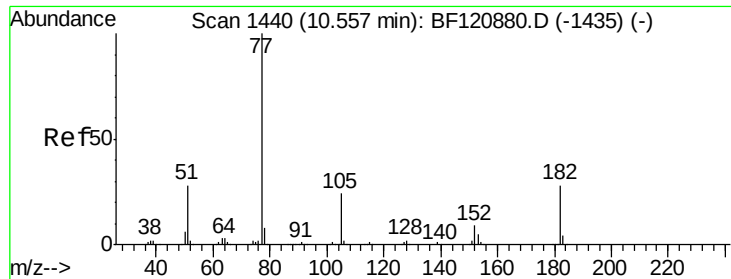
mohammad
 8/12/2020 1:47:38 PM



#62
 4-Nitroaniline
 Concen: 24.487 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF121246.D
 Acq: 11 Aug 2020 18:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	25.2	65.2
108	70.4	46.7	86.7





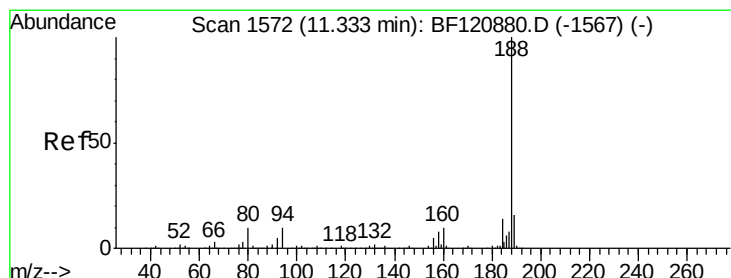
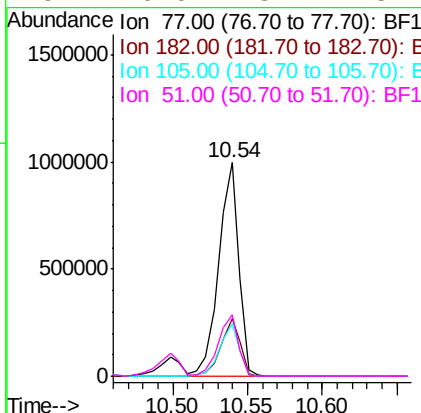
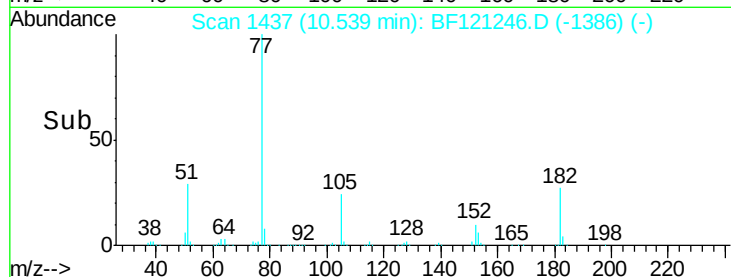
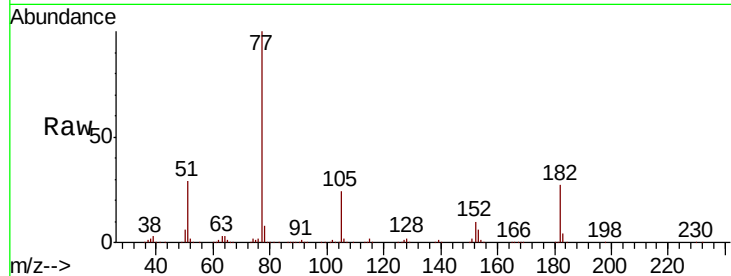
#63
Azobenzene
Concen: 43.301 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.1	4.5	44.5		
105	24.3	3.4	43.4		
51	29.0	8.7	48.7		

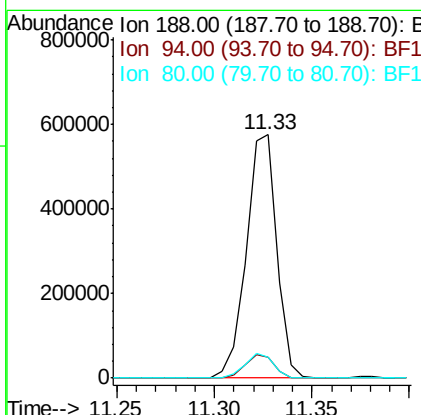
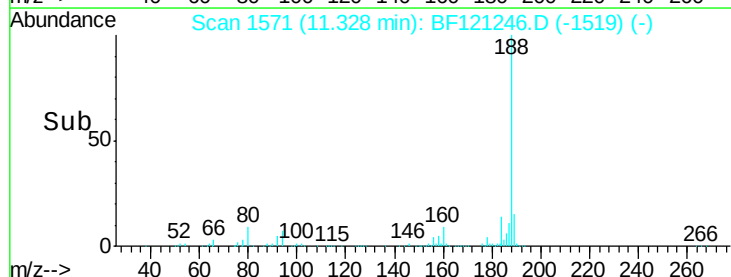
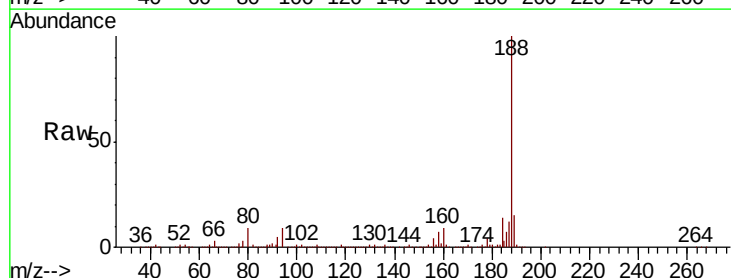
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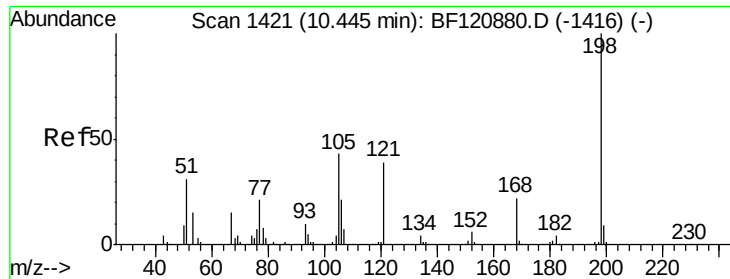
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.7	8.0	12.0		
80	8.8	8.3	12.5		





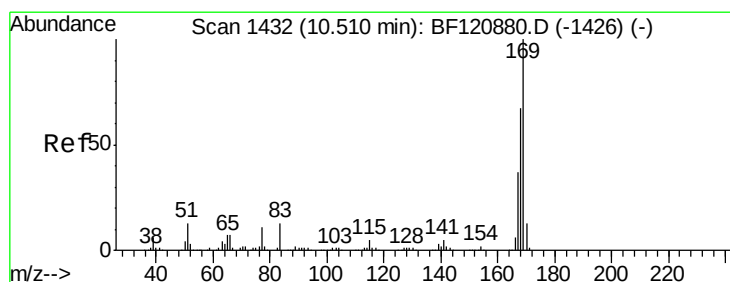
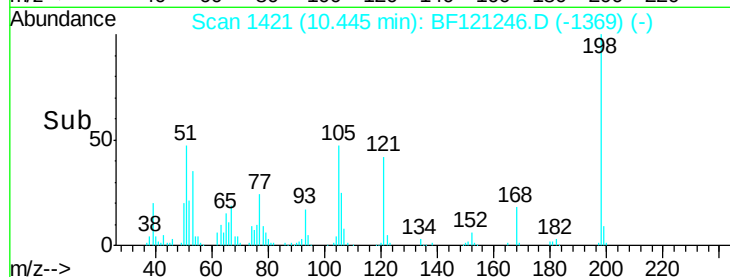
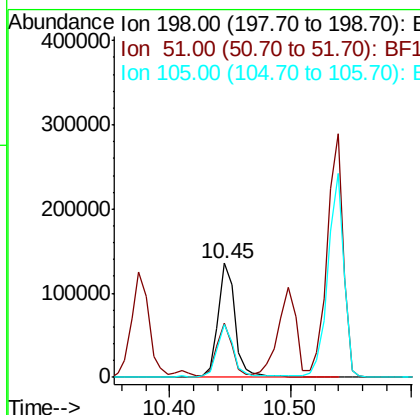
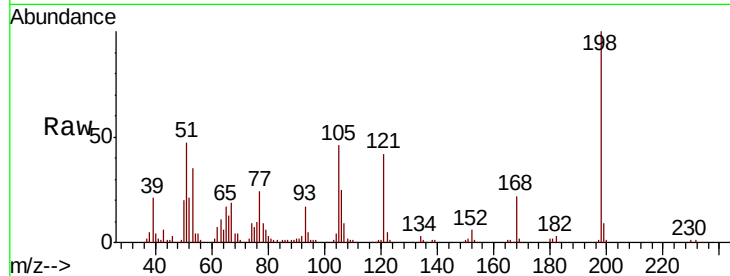
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.082 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF121246.D
 Acq: 11 Aug 2020 18:20

Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	133927		
51	46.9	23.4	63.4	
105	46.1	23.7	63.7	

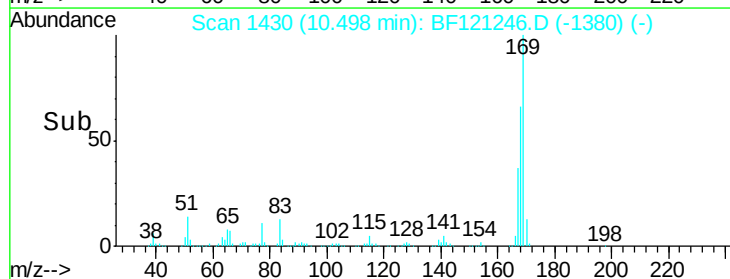
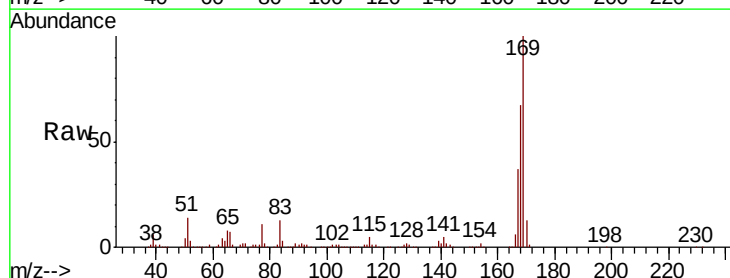
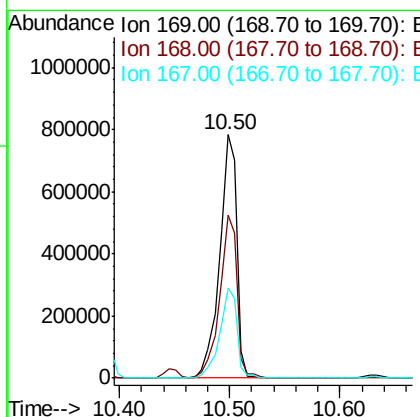
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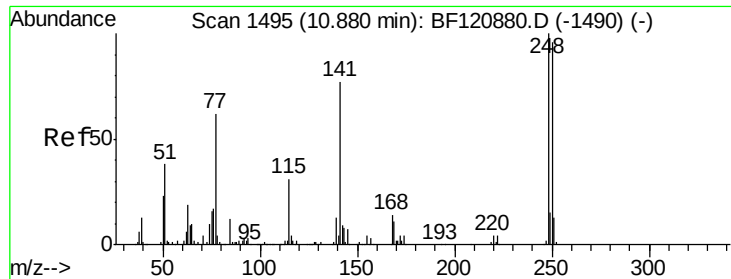
mohammad
 8/12/2020 1:47:38 PM



#66
 n-Nitrosodiphenylamine
 Concen: 43.057 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF121246.D
 Acq: 11 Aug 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	842134		
168	66.7	53.7	80.5	
167	37.0	30.0	45.0	





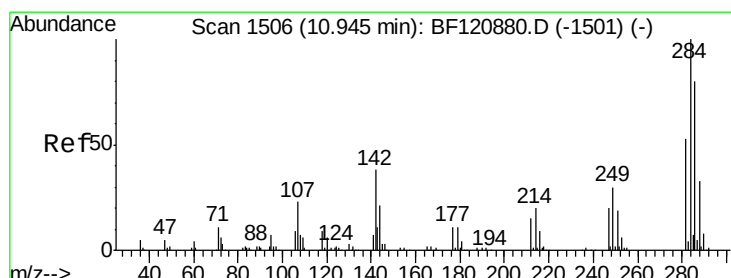
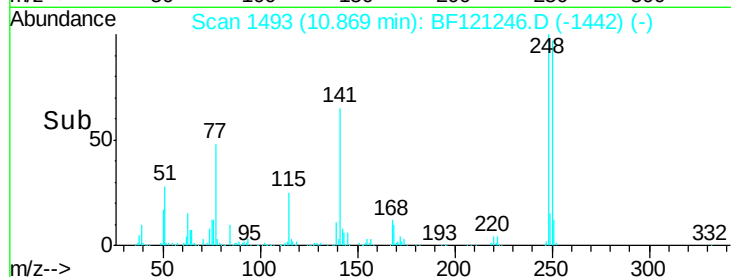
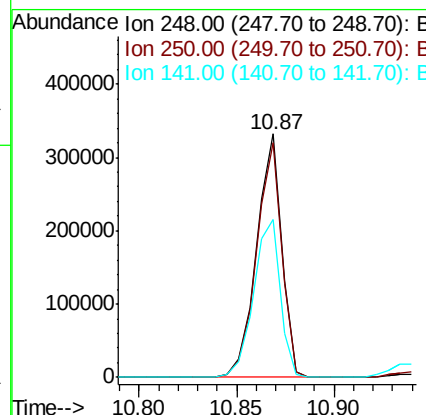
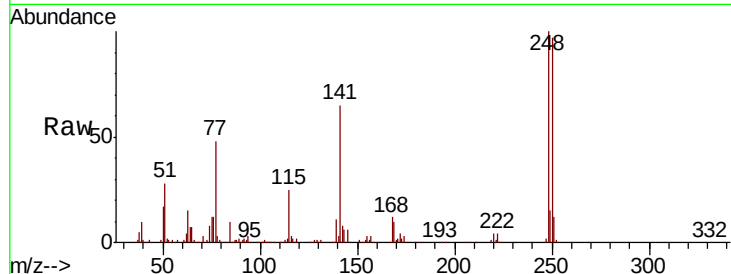
#67
4-Bromophenyl-phenylether
Concen: 42.872 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.0	115.6
141	64.9	56.6	85.0

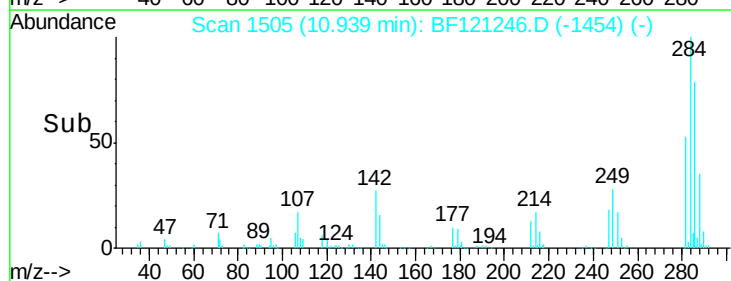
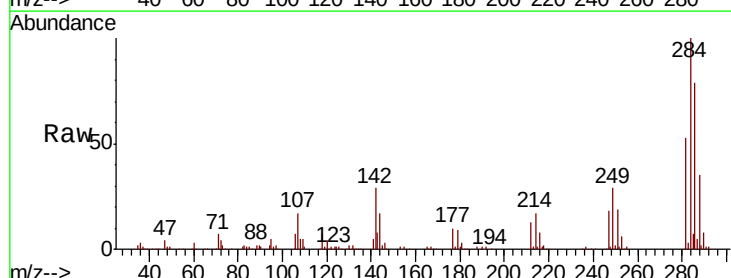
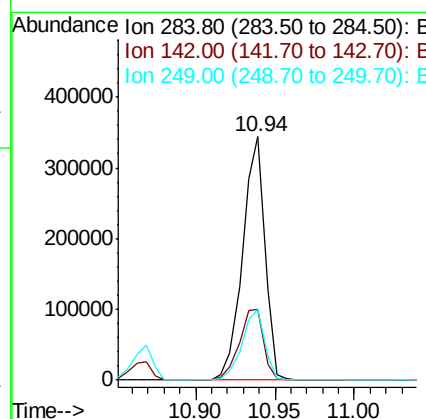
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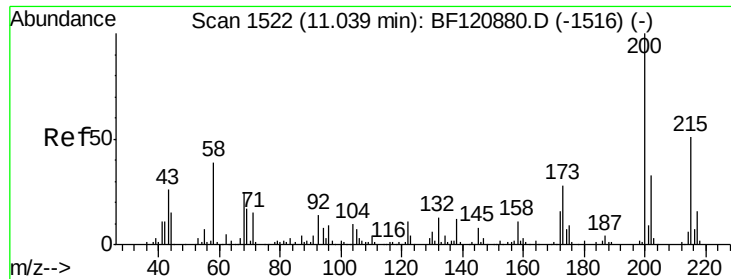
mohammad
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#68
Hexachlorobenzene
Concen: 44.660 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.3	21.1	31.7
249	29.0	22.5	33.7





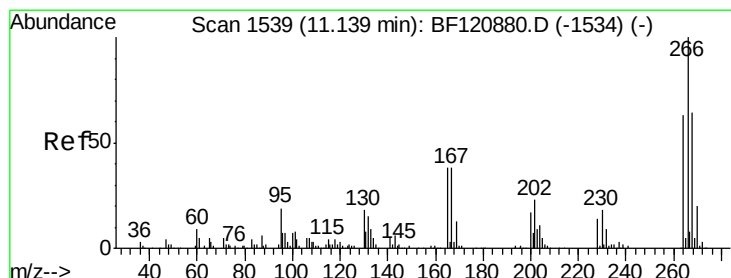
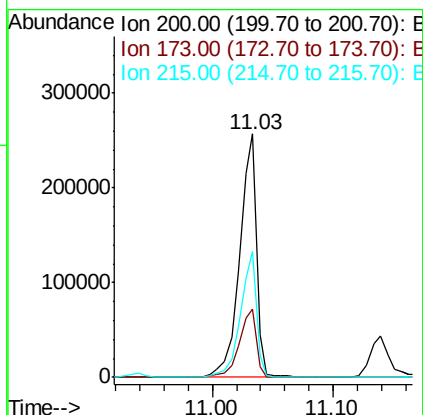
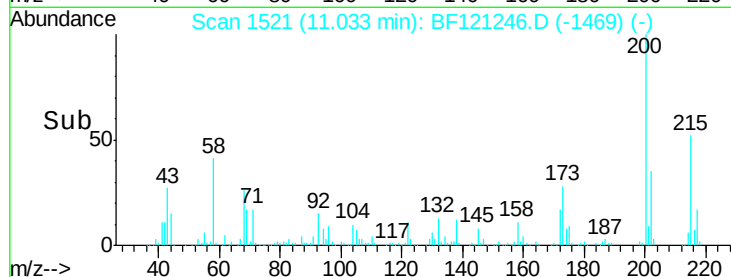
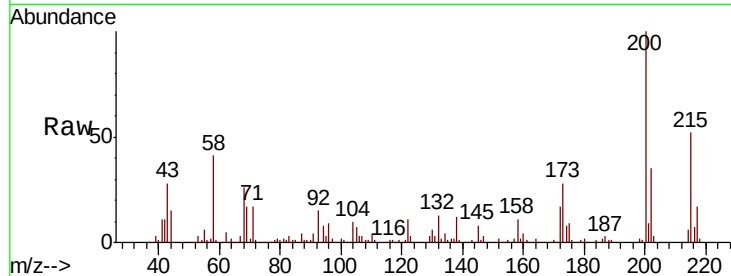
#69
Atrazine
Concen: 51.763 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.6	47.6
215	51.9	28.8	68.8

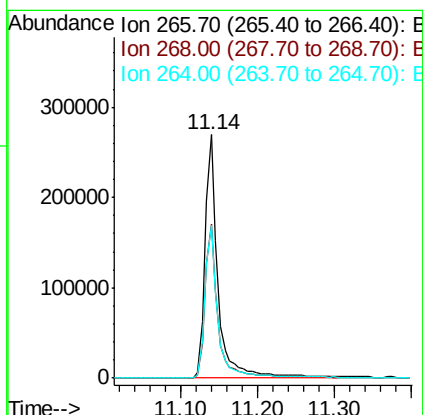
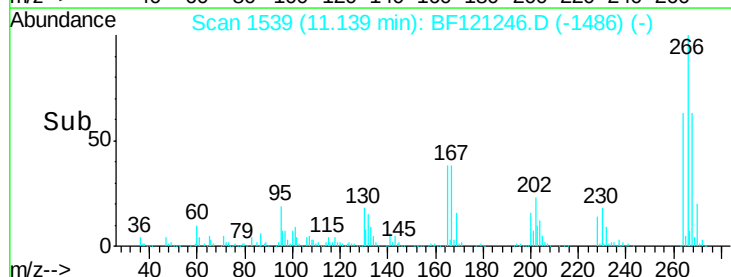
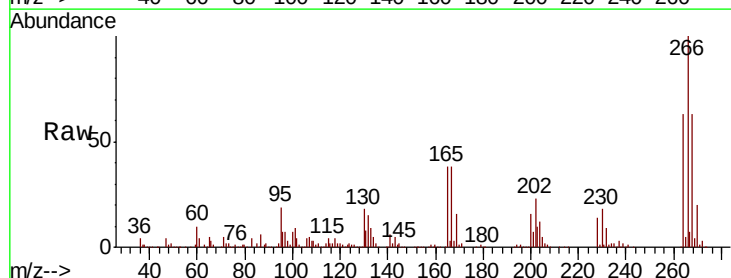
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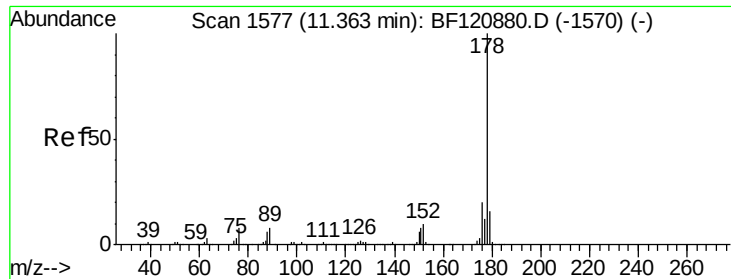
mohammad
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#70
Pentachlorophenol
Concen: 74.118 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	49.7	74.5
264	62.5	50.4	75.6





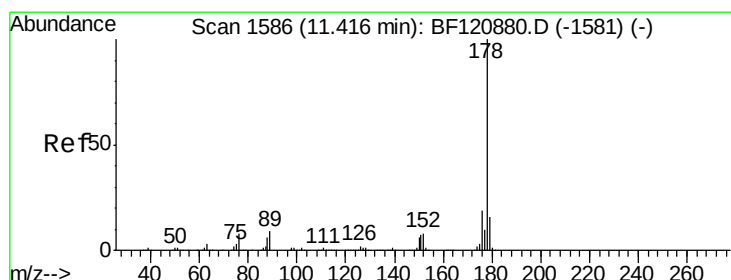
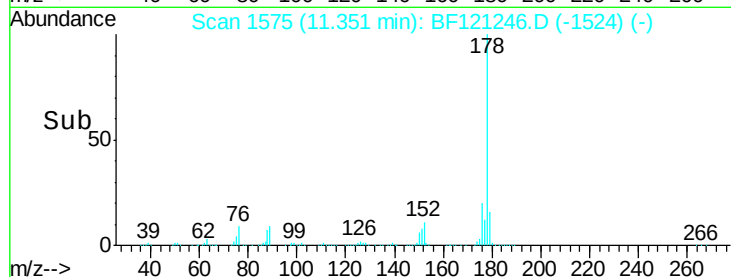
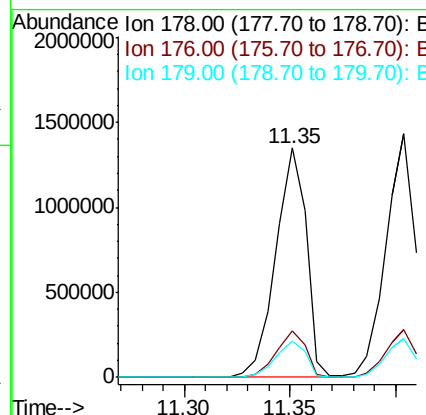
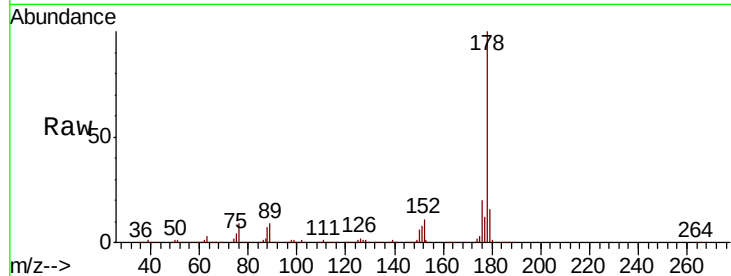
#71
Phenanthrene
Concen: 42.574 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMS

Tot Ion:178 Resp: 1361351
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.2
179 16.0 12.6 19.0

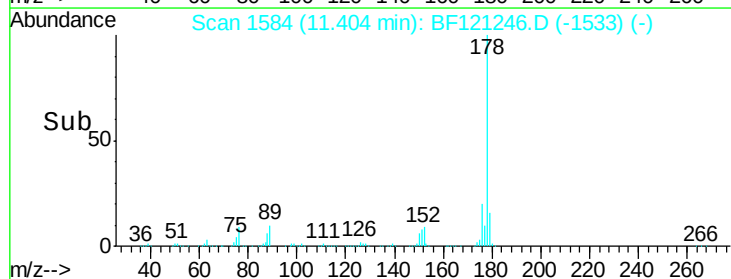
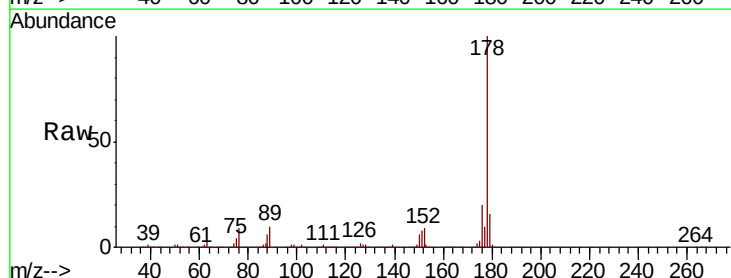
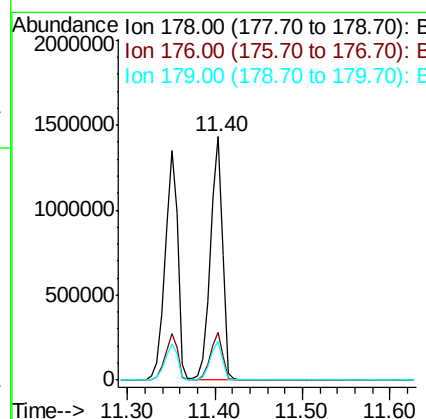
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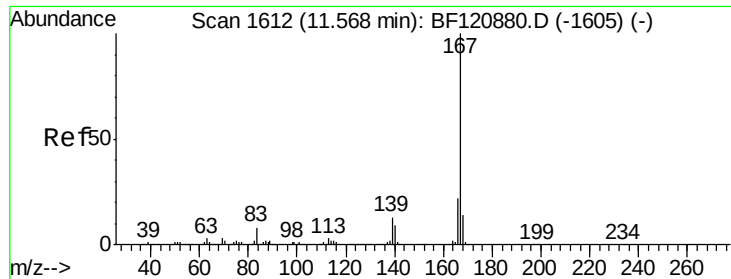
mohammad
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#72
Anthracene
Concen: 42.955 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Tgt Ion:178 Resp: 1379249
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 15.8 12.6 19.0





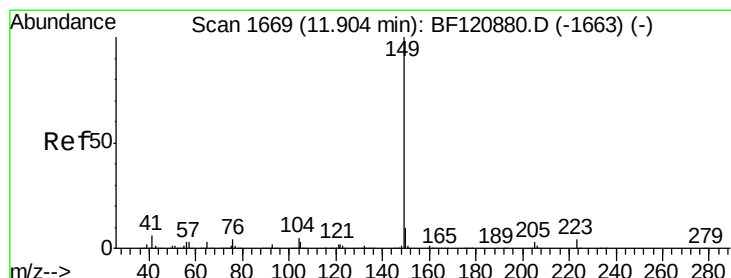
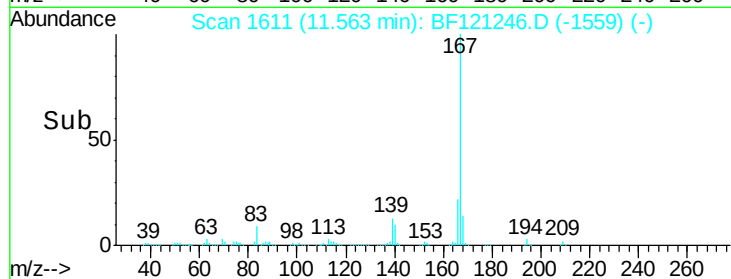
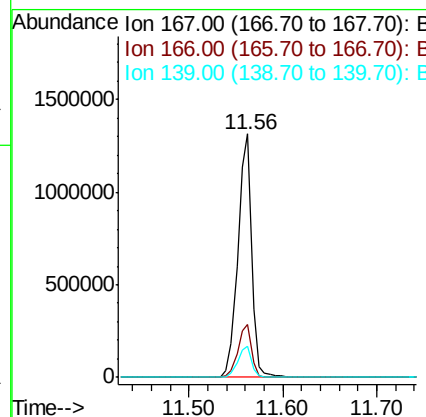
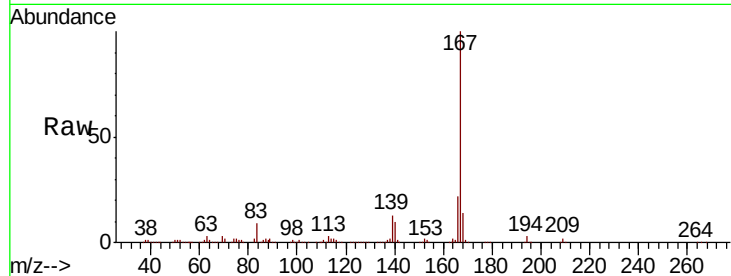
#73
 Carbazole
 Concen: 41.914 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BF121246.D
 Acq: 11 Aug 2020 18:20

Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMPMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.5	26.3
139	12.7	10.5	15.7

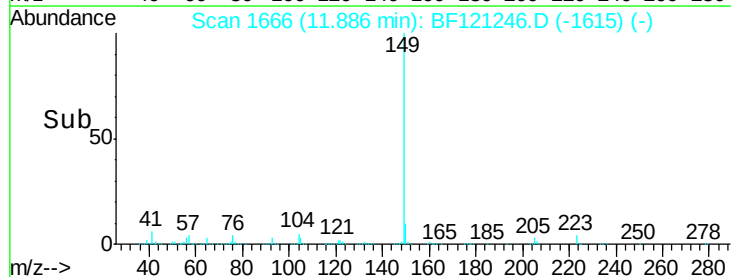
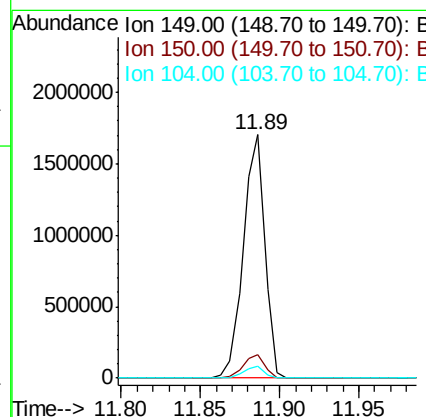
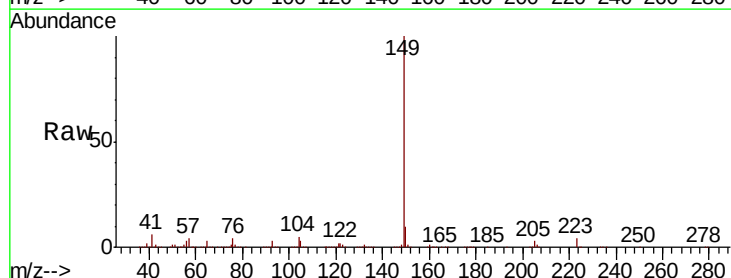
Manual Integrations
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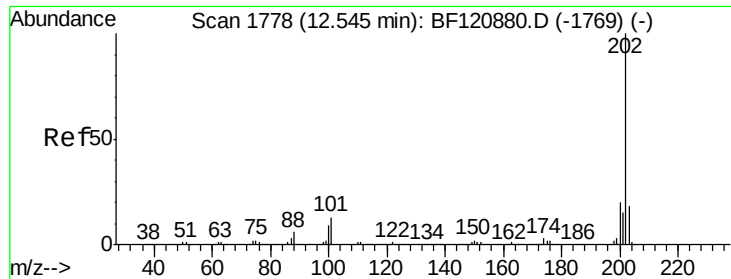
mohammad
 8/12/2020 1:47:38 PM



#74
 Di-n-butylphthalate
 Concen: 43.489 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BF121246.D
 Acq: 11 Aug 2020 18:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.8
104	4.7	3.9	5.9





#75

Fluoranthene

Concen: 43.659 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

Instrument :

BNA_F

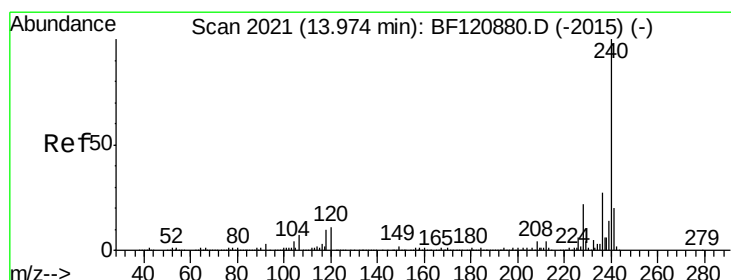
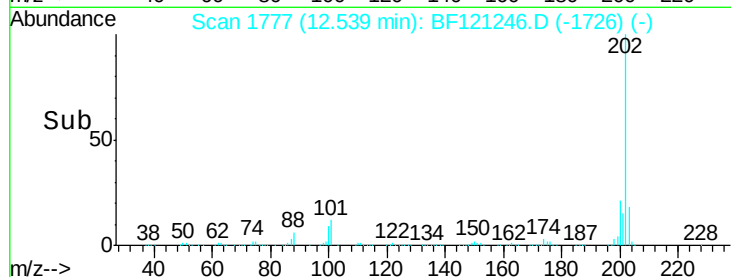
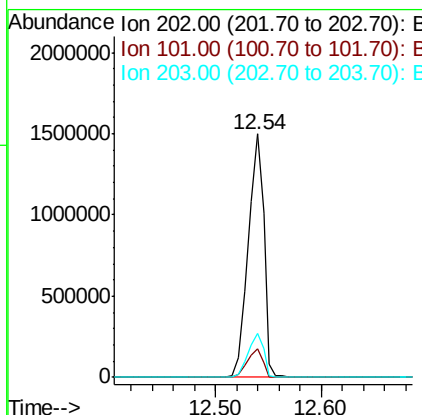
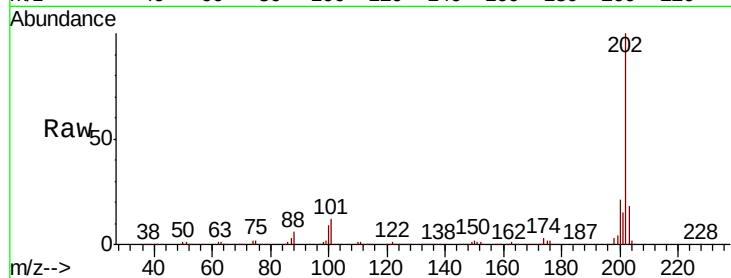
ClientSampleId :

ES-TOTE-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	11.7	0.0	30.5		
203	18.2	0.0	37.7		

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#76

Chrysene-d12

Concen: 20.000 ng

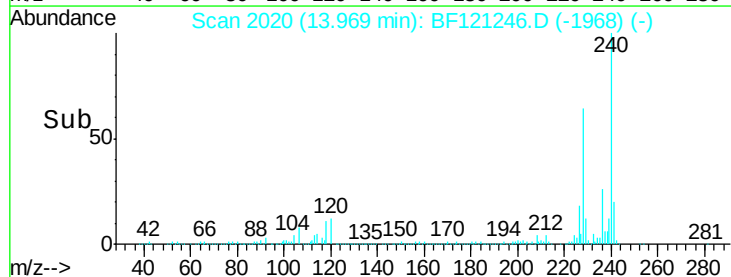
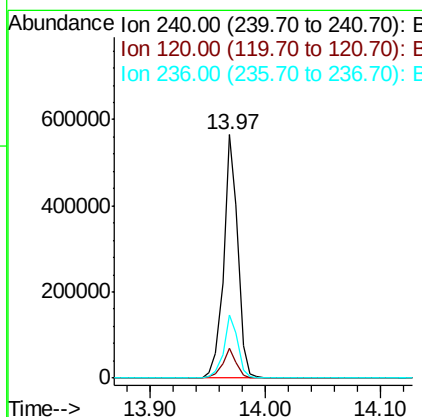
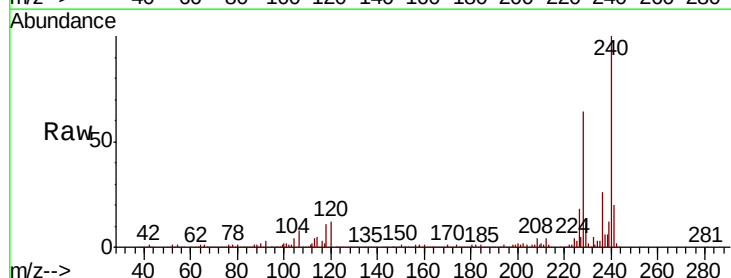
RT: 13.97 min Scan# 2020

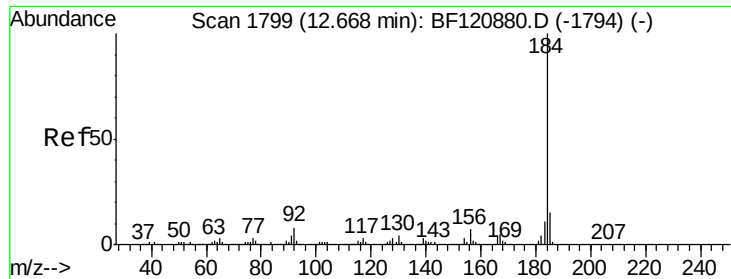
Delta R.T. 0.01 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	12.5	9.3	13.9		
236	26.1	21.1	31.7		





#77

Benzidine

Concen: 16.442 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

Instrument :

BNA_F

ClientSampleId :

ES-TOTE-COMPMS

Tot Ion:184 Resp: 207325

Ion Ratio Lower Upper

184 100

185 14.5 12.1 18.1

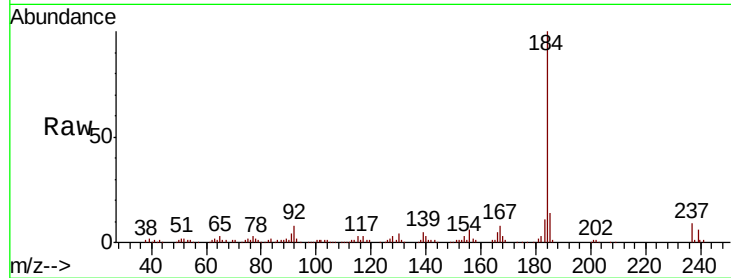
183 10.7 9.0 13.4

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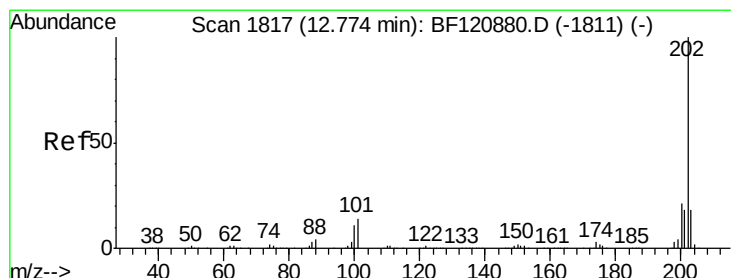
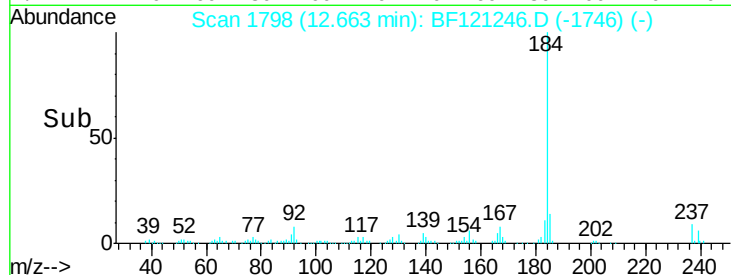
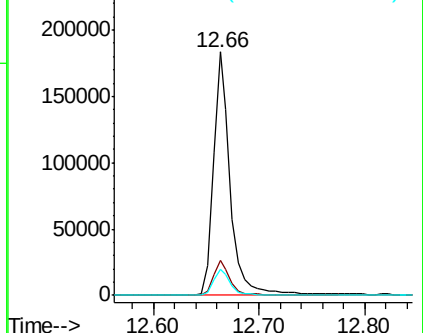
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.468 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

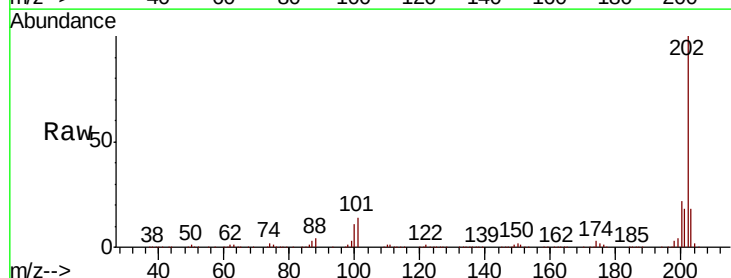
Tgt Ion:202 Resp: 1575651

Ion Ratio Lower Upper

202 100

200 21.8 17.0 25.6

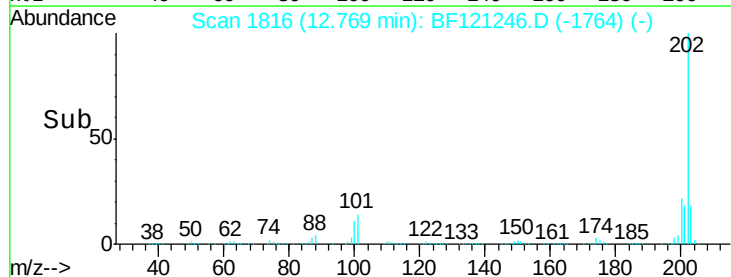
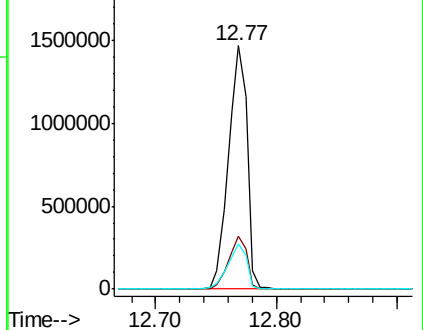
203 18.4 14.6 21.8

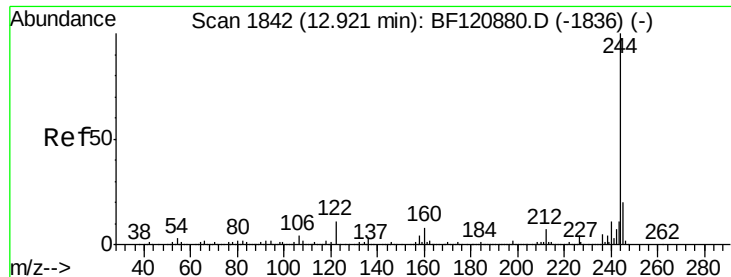


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.133 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

Instrument :

BNA_F

ClientSampleId :

ES-TOTE-COMPMS

Tot Ion:244 Resp: 1657677

Ion Ratio Lower Upper

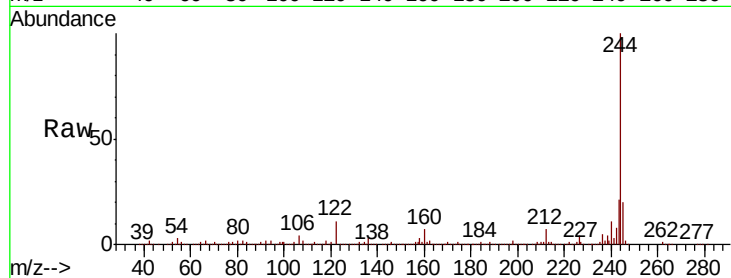
244 100

212 7.2 5.7 8.5

122 10.6 8.3 12.5

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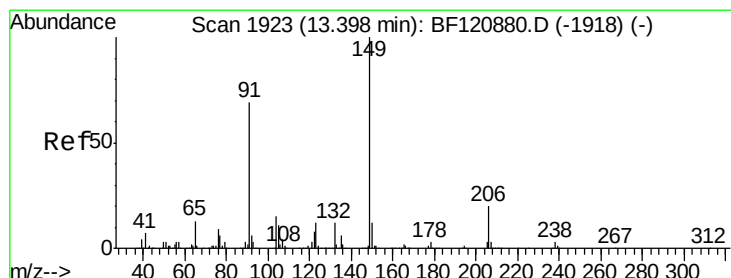
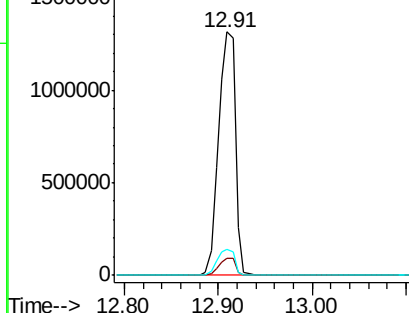
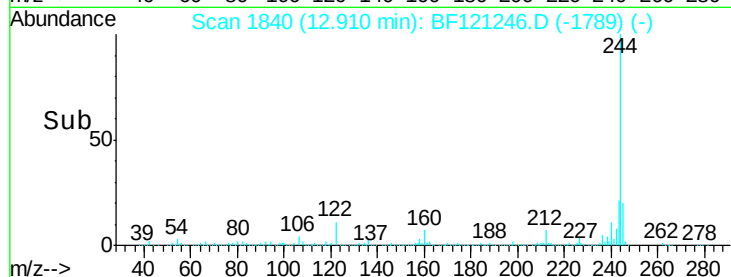
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.468 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

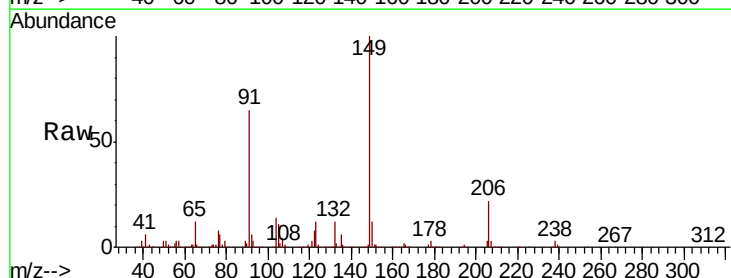
Tgt Ion:149 Resp: 717519

Ion Ratio Lower Upper

149 100

91 65.2 51.4 77.0

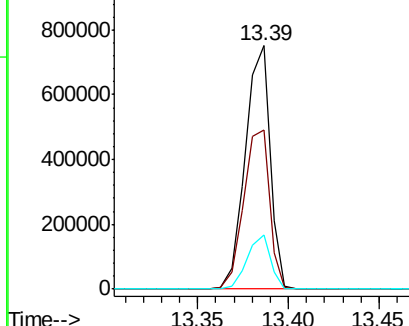
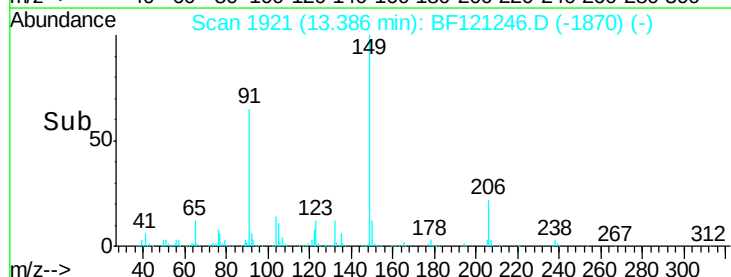
206 22.2 17.9 26.9

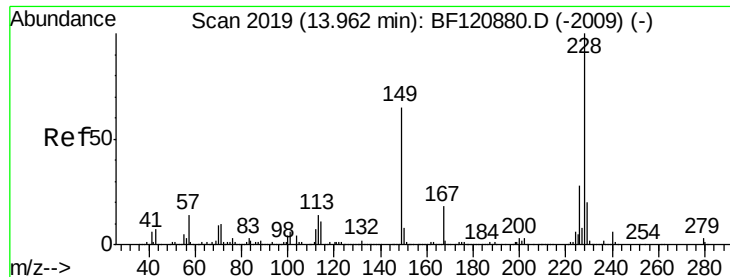


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.503 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

Instrument :

BNA_F

ClientSampleId :

ES-TOTE-COMPMS

Tot Ion:228 Resp: 1350560

Ion Ratio Lower Upper

228 100

226 28.5 22.6 34.0

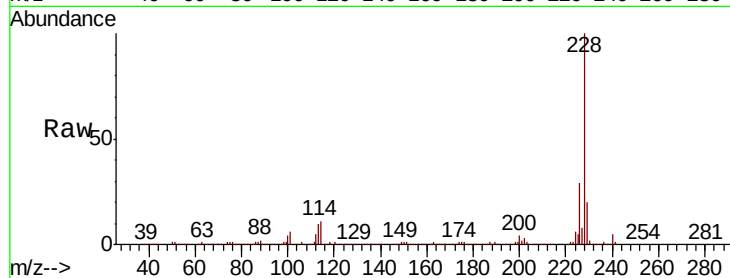
229 20.4 16.1 24.1

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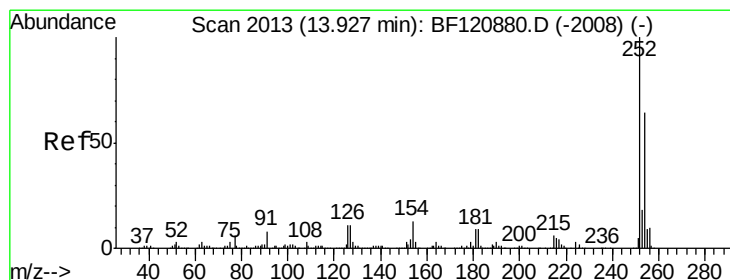
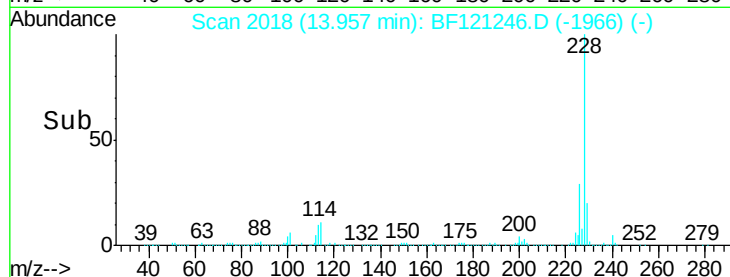
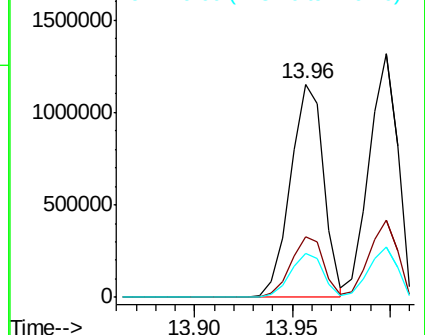
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 11.305 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF121246.D

Acq: 11 Aug 2020 18:20

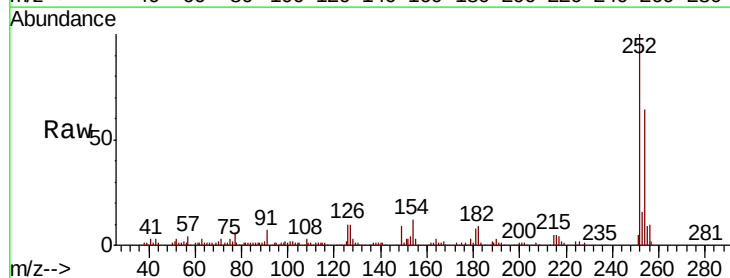
Tgt Ion:252 Resp: 123872

Ion Ratio Lower Upper

252 100

254 64.1 51.3 76.9

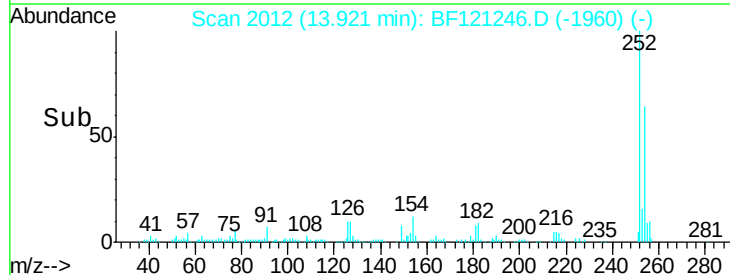
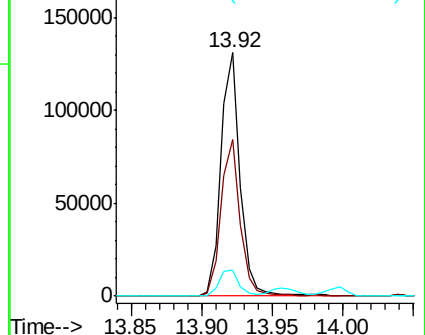
126 10.5 9.2 13.8

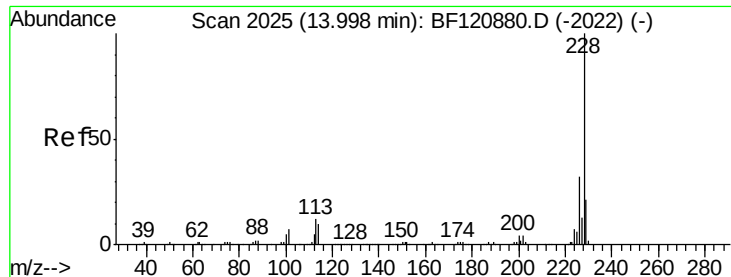


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





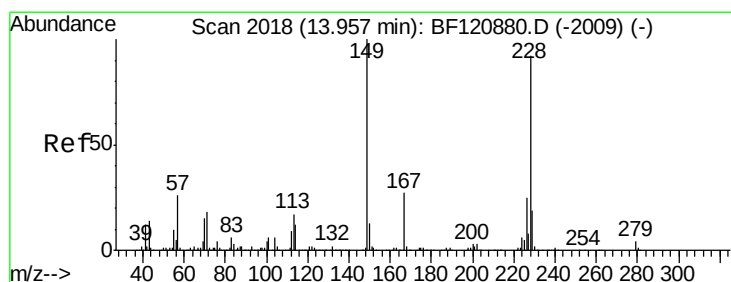
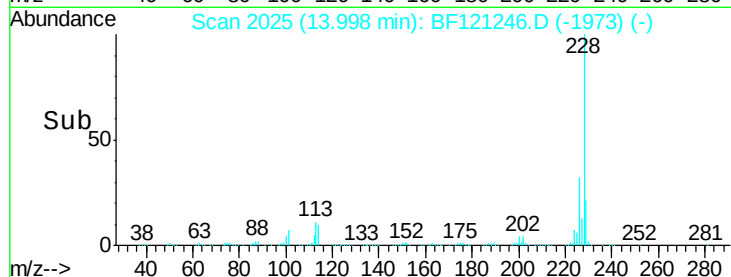
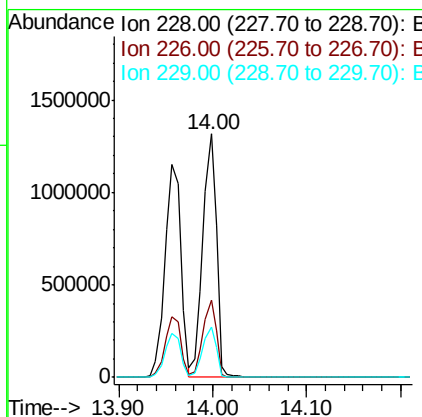
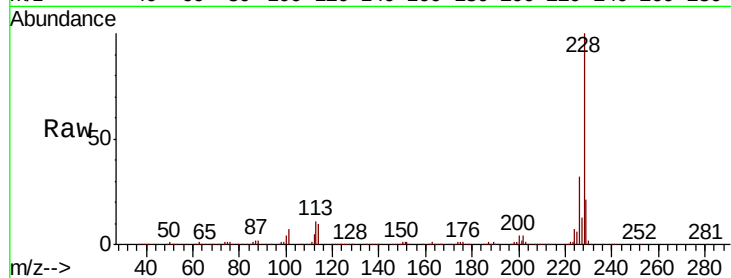
#83
Chrysene
Concen: 44.077 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMS

Tot Ion:228 Resp: 1345270
Ion Ratio Lower Upper
228 100
226 31.9 25.4 38.0
229 20.7 16.2 24.4

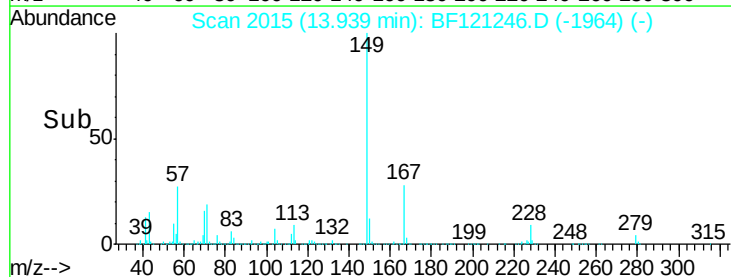
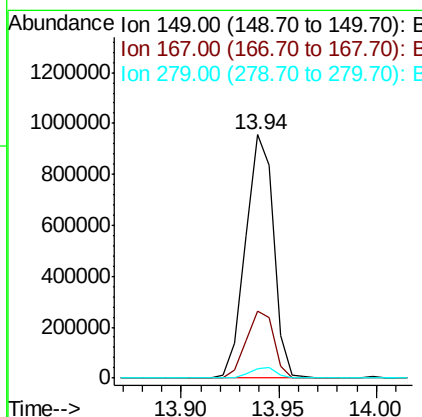
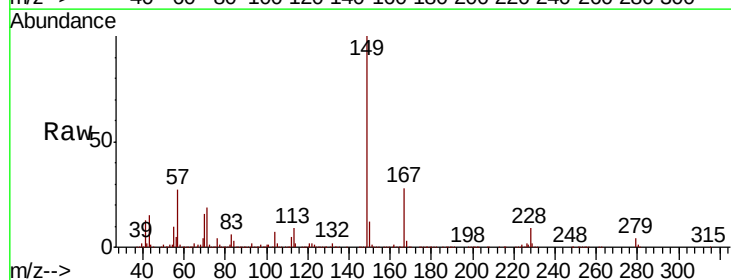
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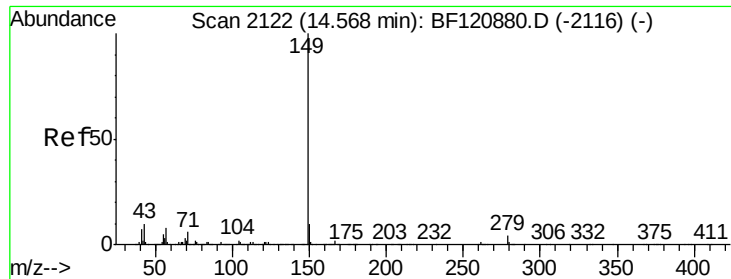
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#84
Bis(2-ethylhexyl)phthalate
Concen: 50.960 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Tgt Ion:149 Resp: 949885
Ion Ratio Lower Upper
149 100
167 27.6 21.8 32.6
279 4.0 2.9 4.3





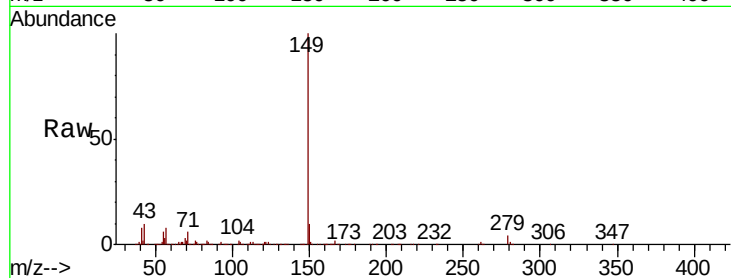
#85
Di-n-octyl phthalate
Concen: 44.773 ng
RT: 14.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.2	7.5	11.3

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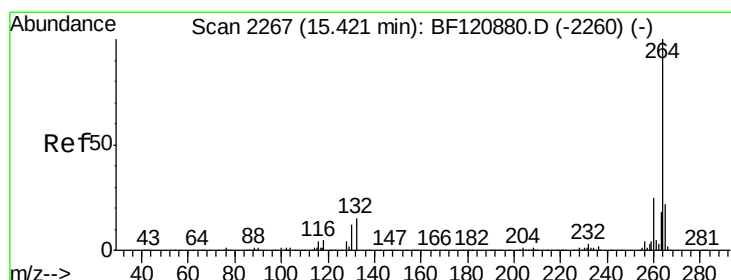
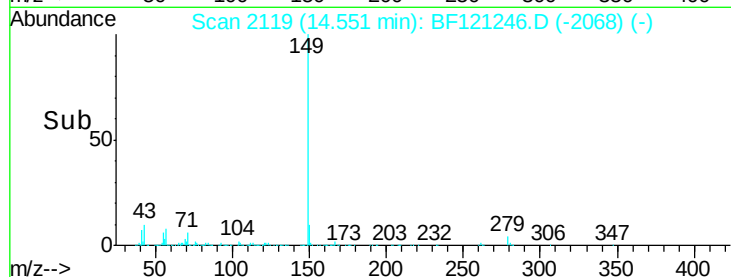
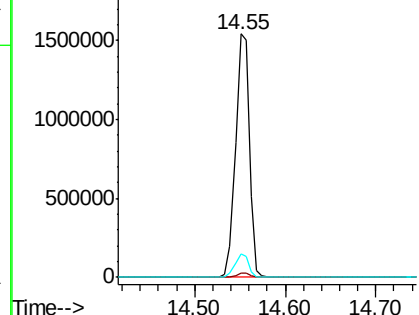


Abundance

Ion 149.00 (148.70 to 149.70): E

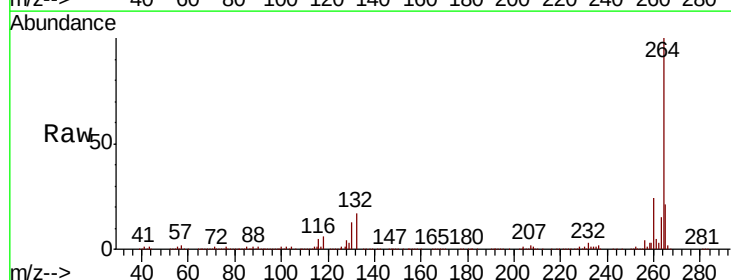
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.9	29.9
265	21.2	17.8	26.8

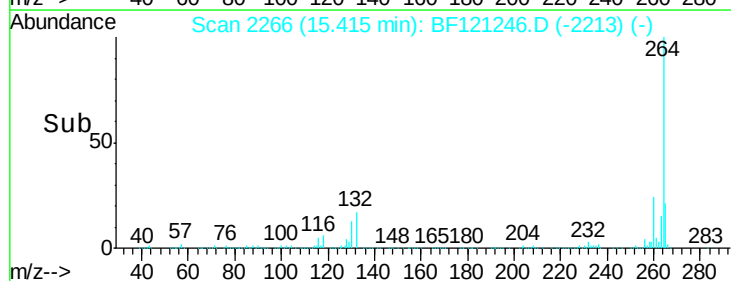
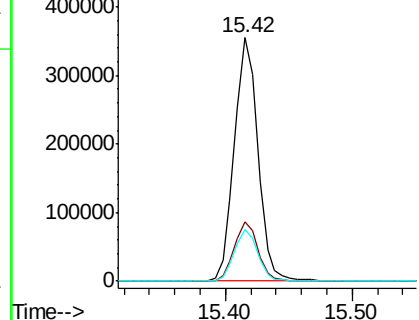


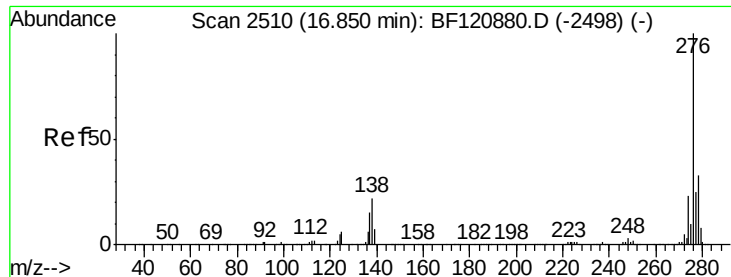
Abundance

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





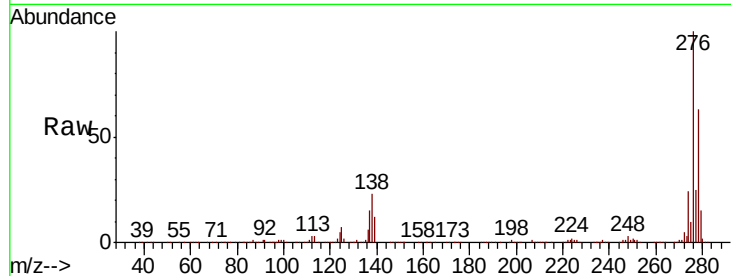
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.948 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.03 min
 Lab File: BF121246.D
 Acq: 11 Aug 2020 18:20

Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMPMS

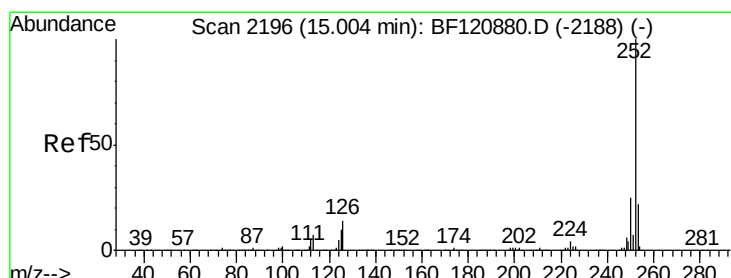
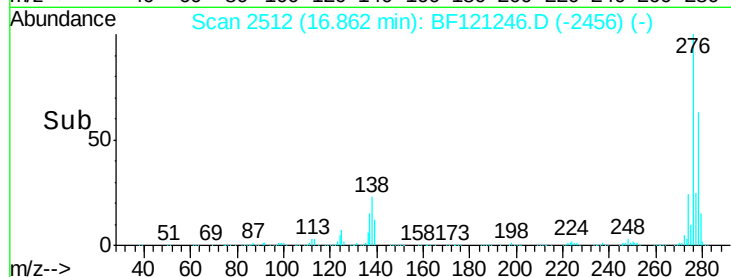
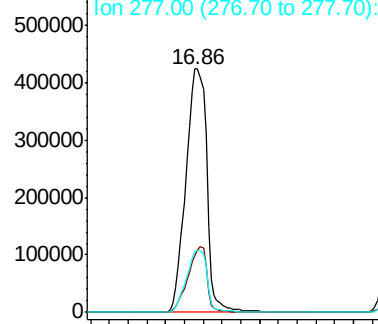
Tot Ion:276 Resp: 1327938
 Ion Ratio Lower Upper
 276 100
 138 24.3 19.3 28.9
 277 25.2 20.1 30.1

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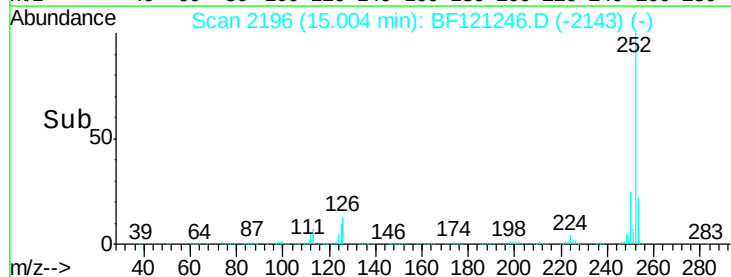
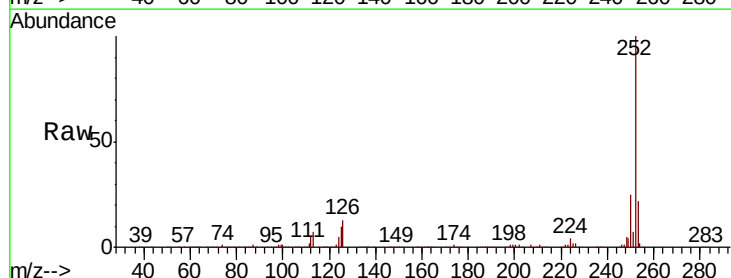
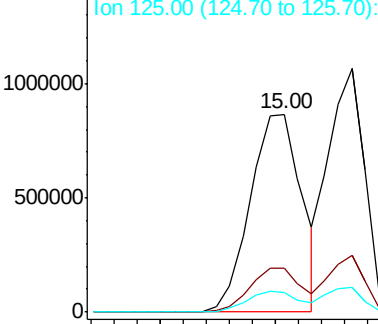
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

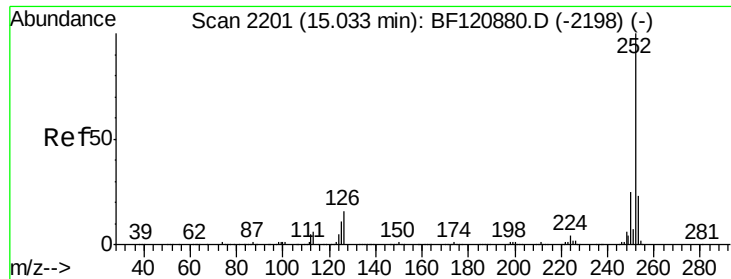


#88
 Benzo(b)fluoranthene
 Concen: 48.453 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: BF121246.D
 Acq: 11 Aug 2020 18:20

Tgt Ion:252 Resp: 1333188
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.9 26.9
 125 10.0 8.1 12.1

Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E





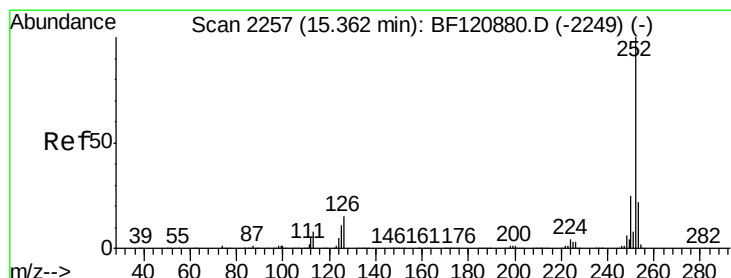
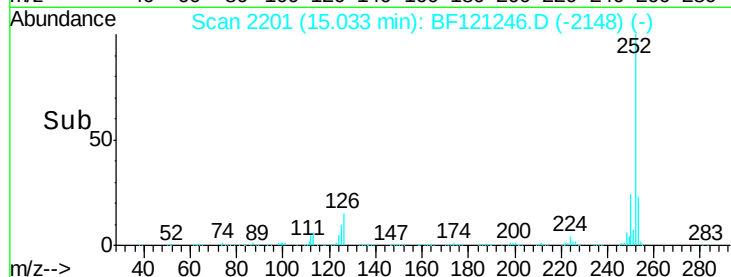
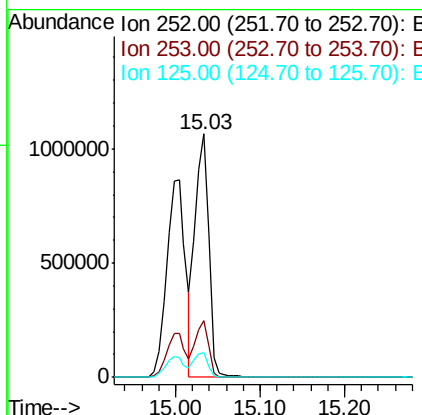
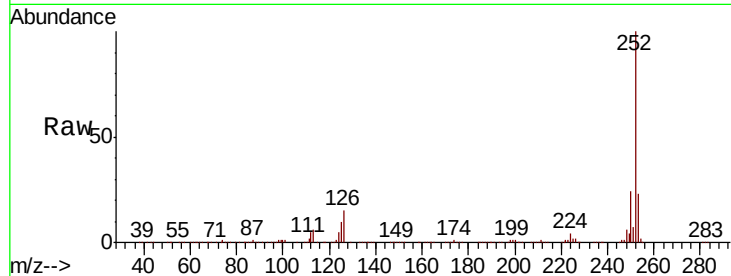
#89
Benzo(k)fluoranthene
Concen: 47.078 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	10.1	8.0	12.0

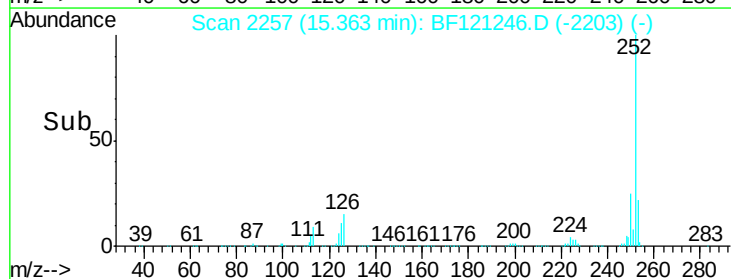
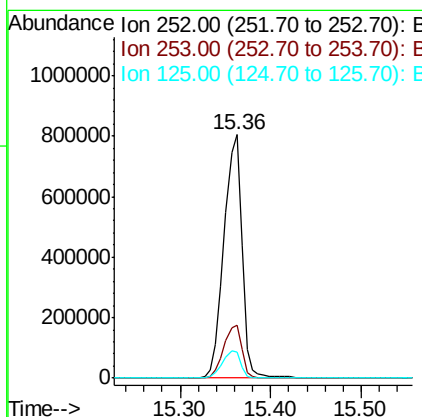
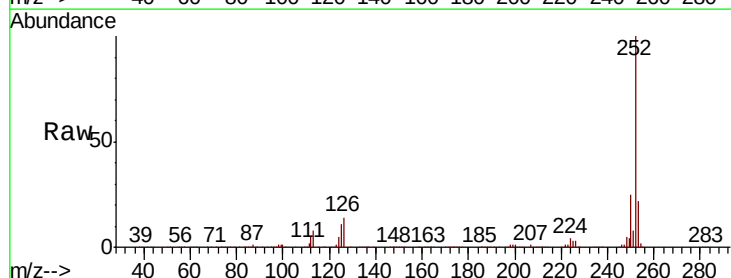
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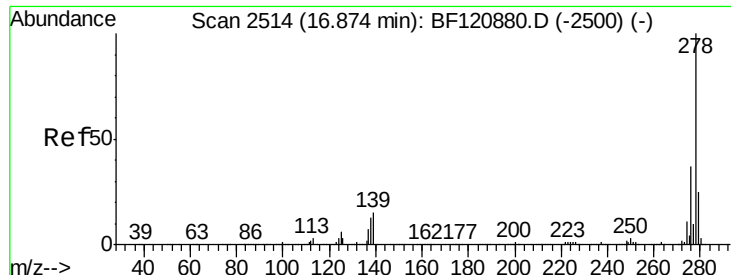
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#90
Benzo(a)pyrene
Concen: 44.340 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.02 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.7	9.5	14.3





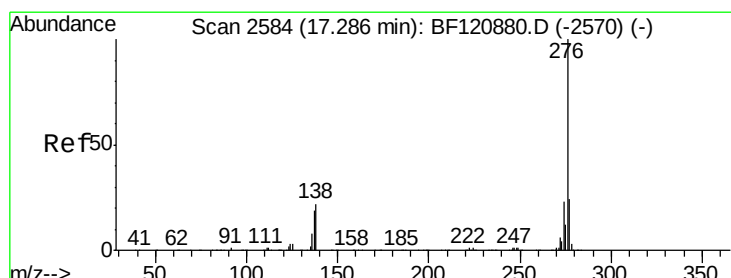
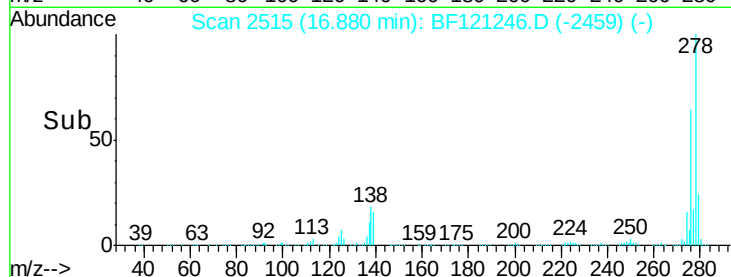
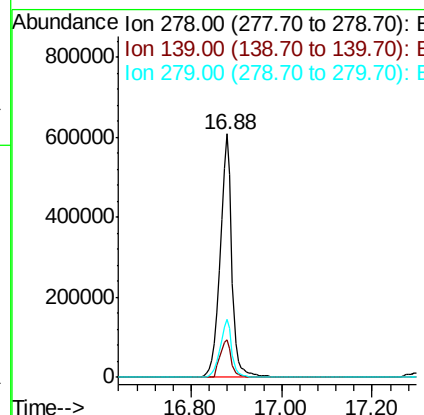
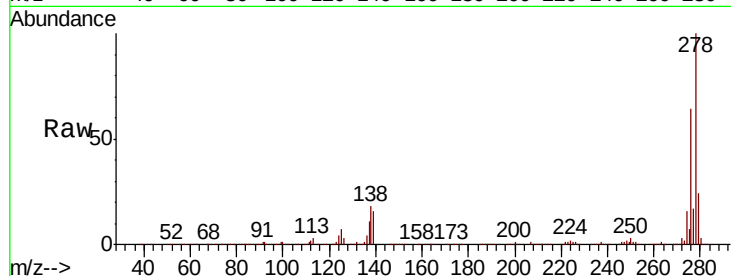
#91
Dibenzo(a,h)anthracene
Concen: 42.467 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.03 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.6	18.8
279	23.8	19.5	29.3

Manual Integrations
APPROVED

mohammad
8/12/2020 1:47:38 PM



#92
Benzo(g,h,i)perylene
Concen: 44.708 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.04 min
Lab File: BF121246.D
Acq: 11 Aug 2020 18:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.0
138	21.5	17.2	25.8

