

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052020\
 Data File : BF120375.D
 Acq On : 20 May 2020 17:46
 Operator : MA/SJ
 Sample : L2497-08MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-051920MS

Manual Integrations
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mohammad
 5/21/2020 10:23:00 AM

Quant Time: May 20 18:22:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 13:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	290647	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	1190150	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	615570	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1054332	20.00	ng	0.00
76) Chrysene-d12	13.75	240	693241	20.00	ng	0.00
87) Perylene-d12	15.13	264	584304	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	2191131	146.68	ng	0.03
7) Phenol-d6	6.26	99	2533246	134.10	ng	0.00
23) Nitrobenzene-d5	7.17	82	1795510	103.29	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	670692	133.63	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	3158939	105.43	ng	0.00
79) Terphenyl-d14	12.70	244	3001742	95.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	297942	50.14	ng	# 87
3) Pyridine	3.03	79	542554	29.05	ng	99
4) n-Nitrosodimethylamine	2.93	42	329990	45.12	ng	99
6) Aniline	6.27	93	184816	7.65	ng	# 1
8) 2-Chlorophenol	6.38	128	752825	43.22	ng	98
9) Benzaldehyde	6.14	77	455599	39.12	ng	99
10) Phenol	6.27	94	781958	35.46	ng	# 74
11) bis(2-Chloroethyl)ether	6.34	93	754680	42.84	ng	99
12) 1,3-Dichlorobenzene	6.53	146	719961	38.63	ng	98
13) 1,4-Dichlorobenzene	6.61	146	754323	39.30	ng	97
14) 1,2-Dichlorobenzene	6.76	146	662045	38.30	ng	98
15) Benzyl Alcohol	6.75	79	571218	42.56	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.87	45	1144553	41.23	ng	74
17) 2-Methylphenol	6.87	107	555146	37.76	ng	93
18) Hexachloroethane	7.10	117	279200	38.18	ng	98
19) n-Nitroso-di-n-propylamine	7.02	70	506456	40.92	ng	96
20) 3+4-Methylphenols	7.03	107	721171	37.73	ng	95
22) Acetophenone	7.01	105	1017243	41.72	ng	# 97
24) Nitrobenzene	7.19	77	738402	39.47	ng	97
25) Isophorone	7.43	82	1452803	40.17	ng	100
26) 2-Nitrophenol	7.50	139	406307	41.53	ng	94
27) 2,4-Dimethylphenol	7.55	122	630917	44.33	ng	95
28) bis(2-Chloroethoxy)methane	7.64	93	931283	40.96	ng	98
29) 2,4-Dichlorophenol	7.75	162	590232	40.38	ng	97
30) 1,2,4-Trichlorobenzene	7.82	180	645673	39.86	ng	98
31) Naphthalene	7.90	128	2142522	42.65	ng	99
32) Benzoic acid	7.70	122	260446	27.92	ng	97
33) 4-Chloroaniline	7.96	127	184876	8.08	ng	99
34) Hexachlorobutadiene	8.02	225	360613	38.52	ng	98
35) Caprolactam	8.35	113	141810m	29.65	ng	
36) 4-Chloro-3-methylphenol	8.46	107	634202	40.11	ng	99
37) 2-Methylnaphthalene	8.59	142	1390808	40.46	ng	98
38) 1-Methylnaphthalene	8.69	142	1351776	40.55	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	638996	41.17	ng	98

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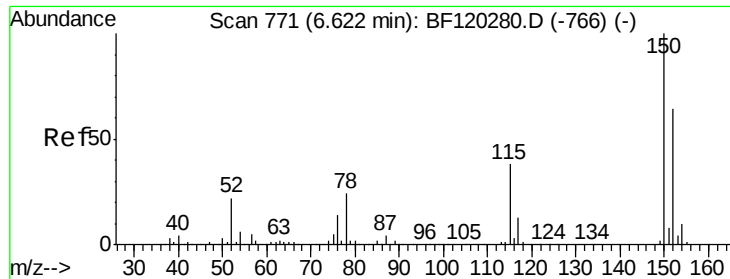
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.74	237	436819	69.20	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	398956	38.29	ng	99
44) 2,4,5-Trichlorophenol	8.93	196	424329	35.46	ng	98
46) 1,1'-Biphenyl	9.06	154	1707958	42.35	ng	99
47) 2-Chloronaphthalene	9.08	162	1268634	39.21	ng	99
48) 2-Nitroaniline	9.19	65	431007	36.51	ng	99
49) Acenaphthylene	9.49	152	1970157	39.87	ng	99
50) Dimethylphthalate	9.37	163	1476954	37.96	ng	99
51) 2,6-Dinitrotoluene	9.43	165	322764	37.16	ng	96
52) Acenaphthene	9.66	154	1203317	40.62	ng	99
53) 3-Nitroaniline	9.60	138	110878	10.71	ng	99
54) 2,4-Dinitrophenol	9.72	184	92659	22.60	ng	97
55) Dibenzofuran	9.83	168	1686209	39.53	ng	98
56) 4-Nitrophenol	9.79	139	287076	51.59	ng	91
57) 2,4-Dinitrotoluene	9.83	165	379344	37.23	ng	91
58) Fluorene	10.18	166	1323965	40.75	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.96	232	332500	36.93	ng	99
60) Diethylphthalate	10.06	149	1456133	38.76	ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	640186	37.90	ng	95
62) 4-Nitroaniline	10.22	138	254307	26.37	ng	99
63) Azobenzene	10.33	77	1399987	39.43	ng	96
65) 4,6-Dinitro-2-methylphenol	10.25	198	118179	22.16	ng	92
66) n-Nitrosodiphenylamine	10.30	169	1241757	42.57	ng	99
67) 4-Bromophenyl-phenylether	10.66	248	400966	39.19	ng	94
68) Hexachlorobenzene	10.73	284	426695	39.87	ng	95
69) Atrazine	10.83	200	335180	38.40	ng	99
70) Pentachlorophenol	10.93	266	265947	58.42	ng	100
71) Phenanthrene	11.14	178	1829704	41.30	ng	99
72) Anthracene	11.19	178	1962871	41.39	ng	99
73) Carbazole	11.35	167	1729224	39.02	ng	99
74) Di-n-butylphthalate	11.69	149	2213989	41.45	ng	99
75) Fluoranthene	12.32	202	1968991	41.47	ng	99
77) Benzidine	12.45	184	389836	19.26	ng	95
78) Pyrene	12.55	202	1973897	39.94	ng	100
80) Butylbenzylphthalate	13.18	149	887799	38.15	ng	93
81) Benzo(a)anthracene	13.74	228	1445692	39.54	ng	99
82) 3,3'-Dichlorobenzidine	13.71	252	260689	18.92	ng	96
83) Chrysene	13.78	228	1572723	40.06	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1136877	39.27	ng	99
85) Di-n-octyl phthalate	14.35	149	2038356	39.13	ng	98
86) Indeno(1,2,3-cd)pyrene	16.44	276	1244600	34.93	ng	98
88) Benzo(b)fluoranthene	14.75	252	1316814	41.27	ng	98
89) Benzo(k)fluoranthene	14.78	252	1260969	45.61	ng	97
90) Benzo(a)pyrene	15.08	252	1131636	39.54	ng	98
91) Dibenzo(a,h)anthracene	16.45	278	1034426	40.80	ng	99
92) Benzo(g,h,i)perylene	16.83	276	1009920	39.50	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_F

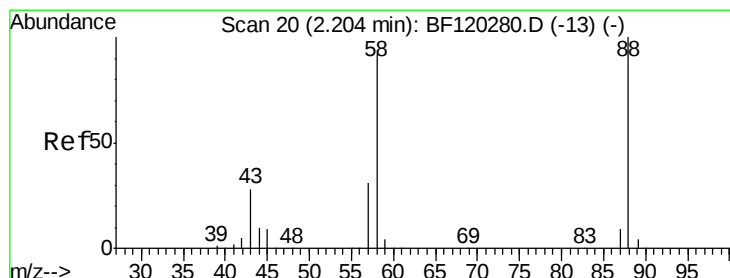
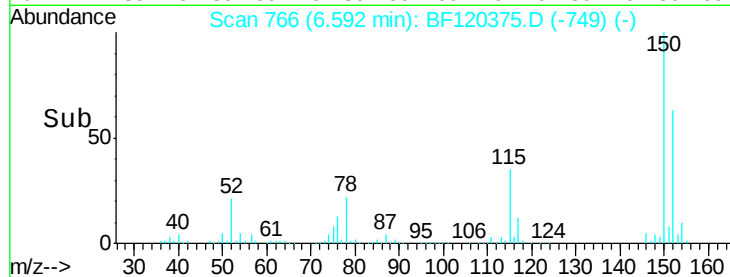
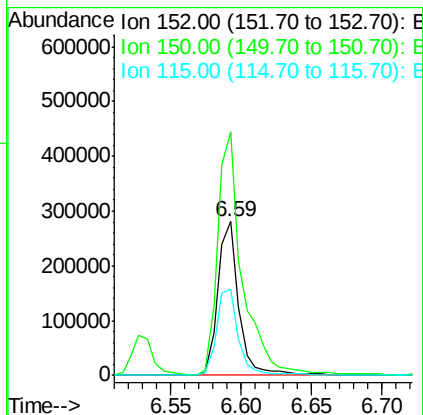
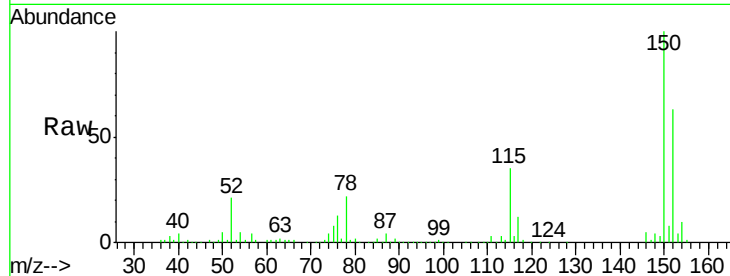
ClientSampleId :

HD-02-051920MS

Tgt Ion:	152	Resp:	290647
Ion Ratio	Lower	Upper	
152	100		
150	158.5	126.2	189.2
115	55.9	47.9	71.9

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#2

1,4-Dioxane

Concen: 50.14 ng

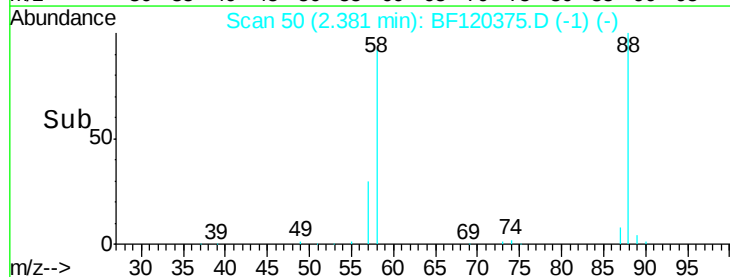
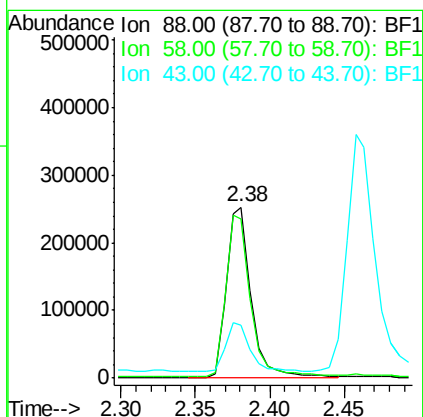
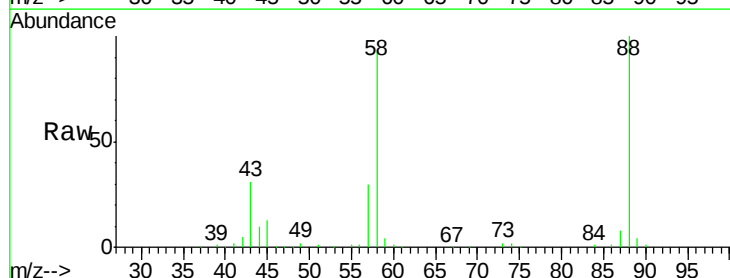
RT: 2.38 min Scan# 50

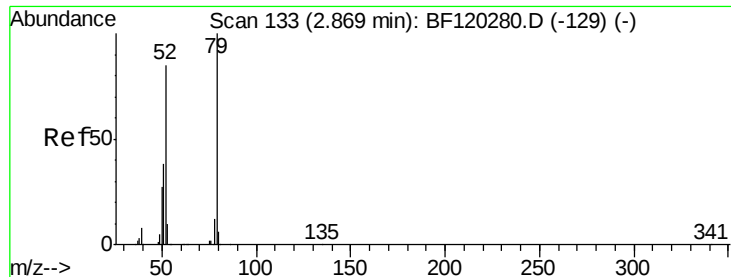
Delta R.T. 0.21 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Tgt Ion:	88	Resp:	297942
Ion Ratio	Lower	Upper	
88	100		
58	94.8	75.8	113.6
43	0.0	23.6	35.4





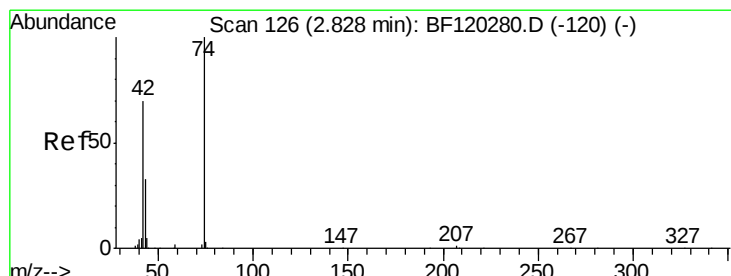
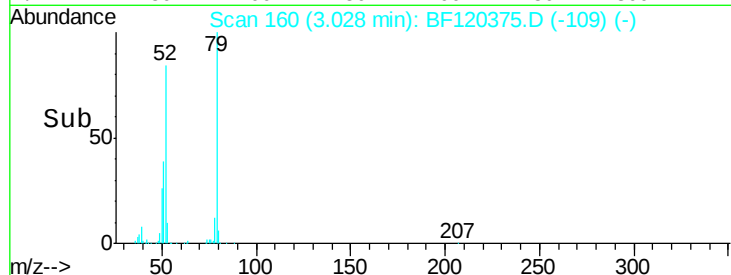
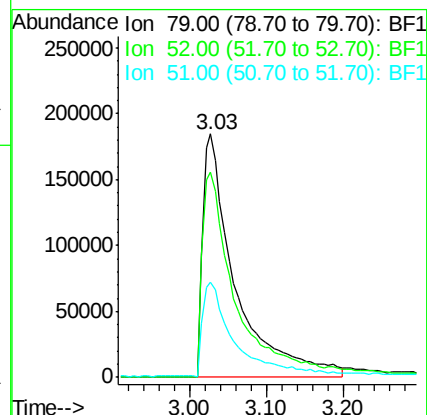
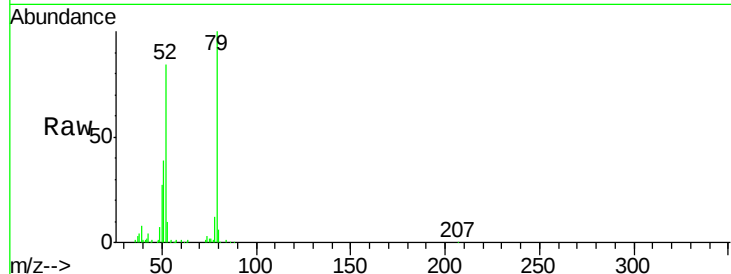
#3
 Pyridine
 Concen: 29.05 ng
 RT: 3.03 min Scan# 160
 Delta R.T. 0.20 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-051920MS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	84.0	68.4	102.6
51	39.1	31.0	46.4

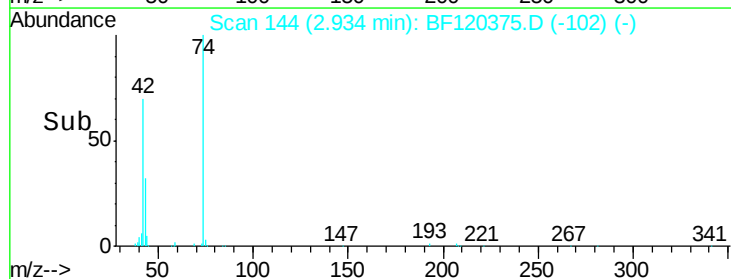
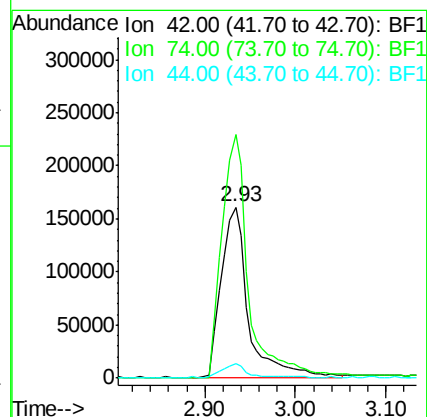
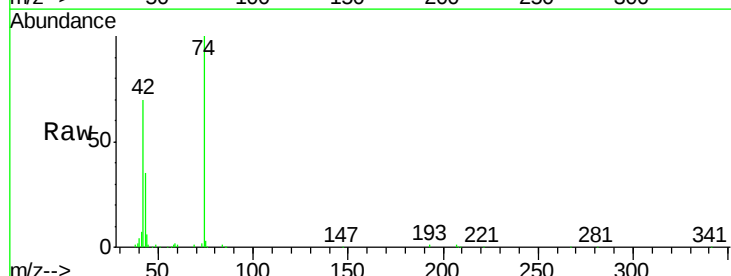
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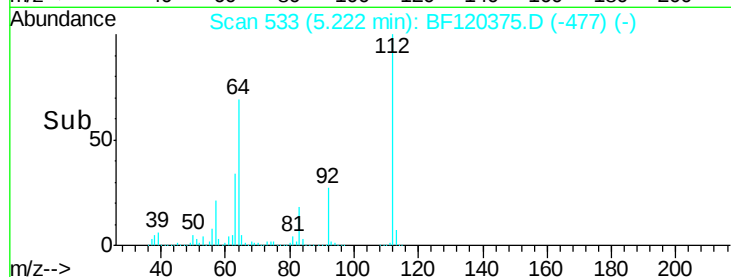
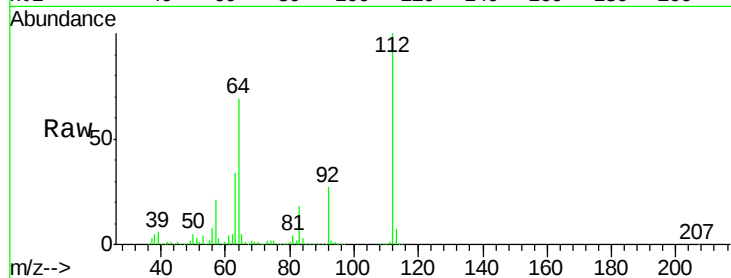
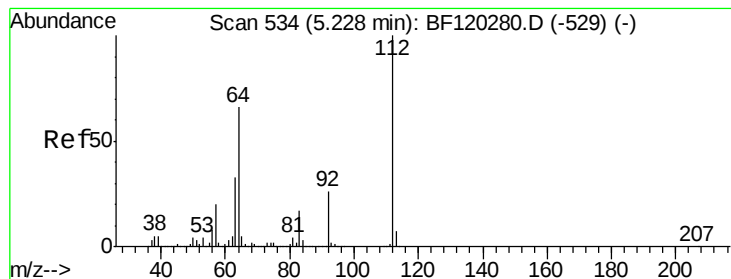
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#4
 n-Nitrosodimethylamine
 Concen: 45.12 ng
 RT: 2.93 min Scan# 144
 Delta R.T. 0.15 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.6	114.8	172.2
44	8.2	5.6	8.4





#5

2-Fluorophenol

Concen: 146.68 ng

RT: 5.22 min Scan# 533

Delta R.T. 0.03 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Tgt Ion:	112	Resp:	2191131
Ion Ratio	Lower	Upper	
112	100		
64	69.2	52.7	79.1
63	34.5	26.2	39.4

Instrument :

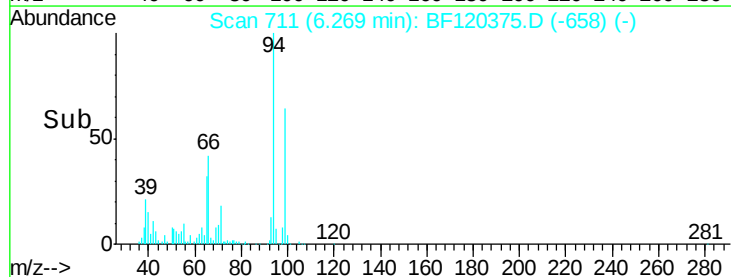
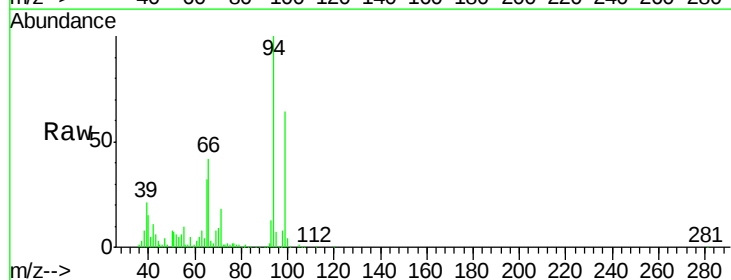
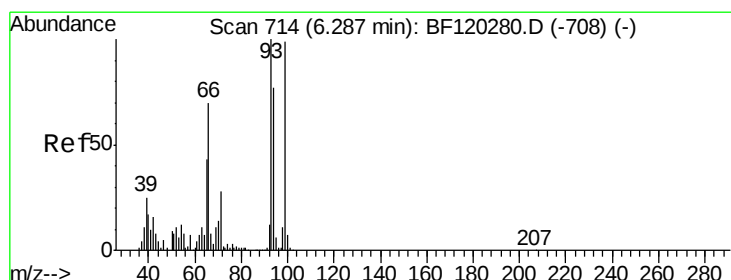
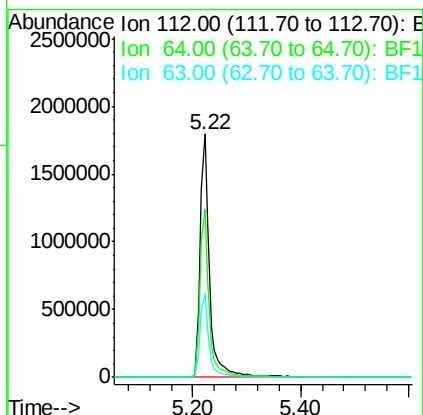
BNA_F

ClientSampleId :

HD-02-051920MS

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#6

Aniline

Concen: 7.65 ng

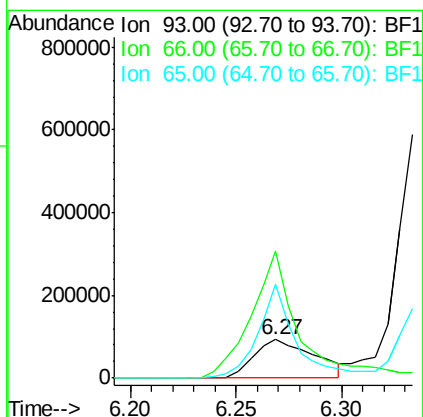
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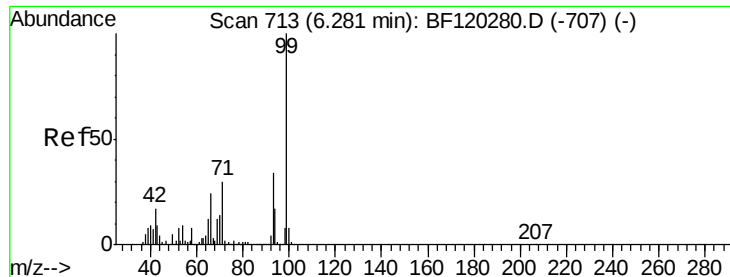
Delta R.T. 0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Tgt Ion:	93	Resp:	184816
Ion Ratio	Lower	Upper	
93	100		
66	327.8	56.2	84.4#
65	244.0	34.2	51.2#





#7

Phenol-d6

Concen: 134.10 ng

RT: 6.26 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_F

ClientSampleId :

HD-02-051920MS

Tgt Ion: 99 Resp: 2533246

Ion Ratio Lower Upper

99 100

42 17.0 13.6 20.4

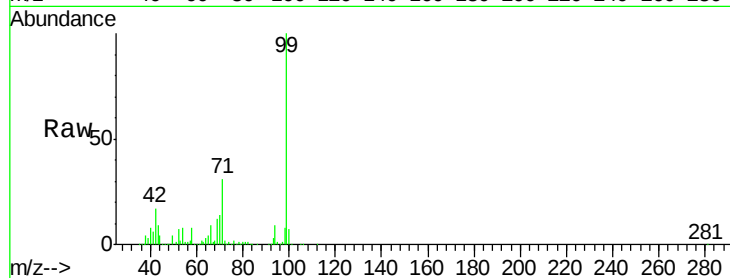
71 31.0 24.2 36.4

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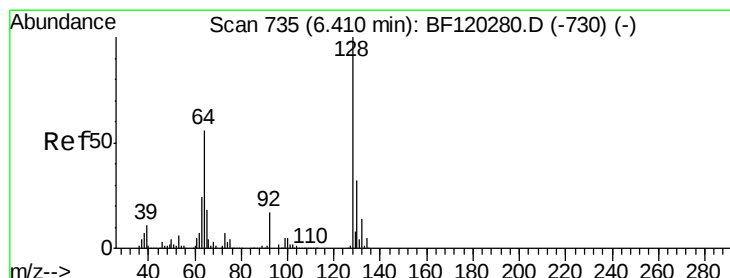
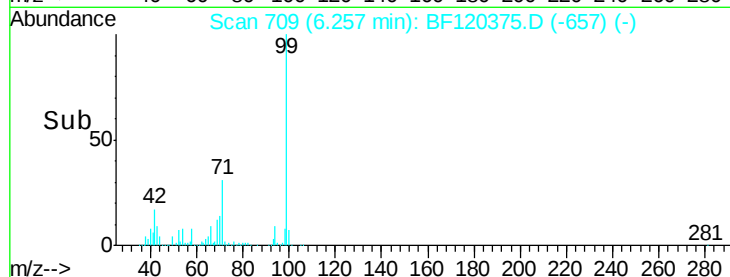
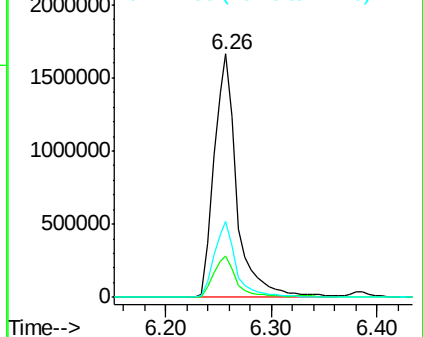
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.22 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

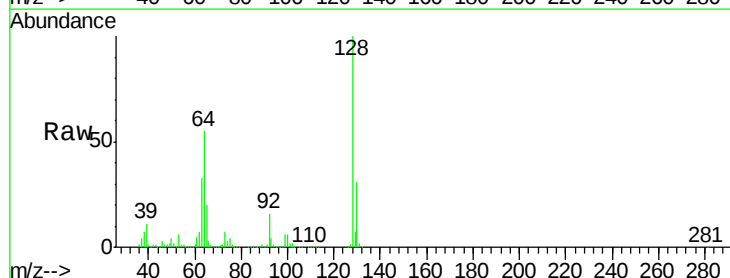
Tgt Ion: 128 Resp: 752825

Ion Ratio Lower Upper

128 100

130 31.4 12.4 52.4

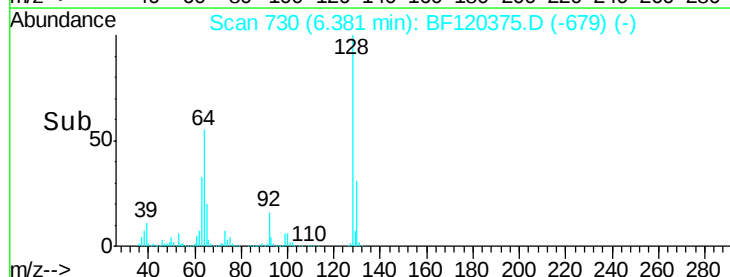
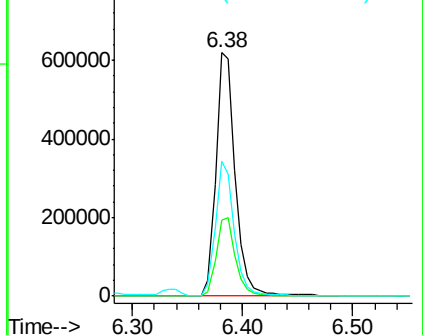
64 55.3 36.7 76.7

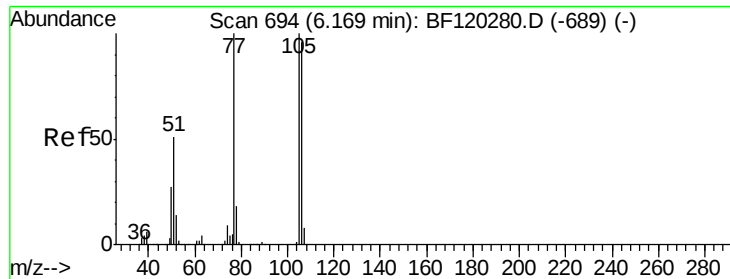


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.12 ng

RT: 6.14 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF120375.D

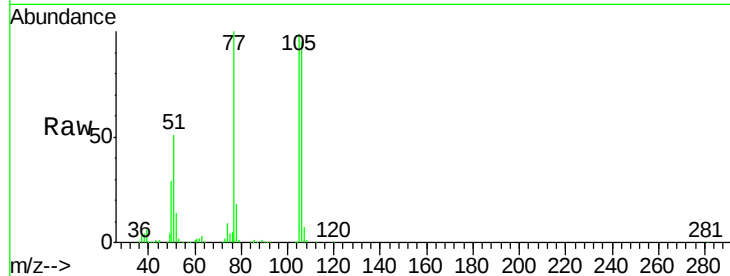
Acq: 20 May 2020 17:46

Instrument :

BNA_F

ClientSampleId :

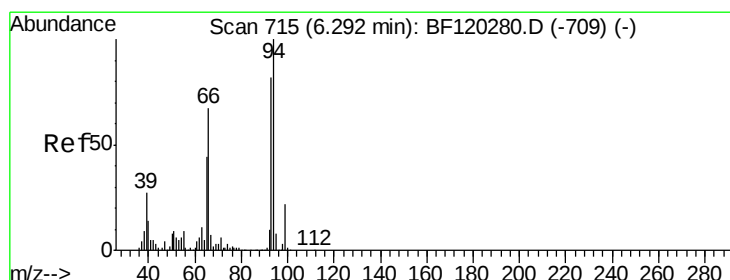
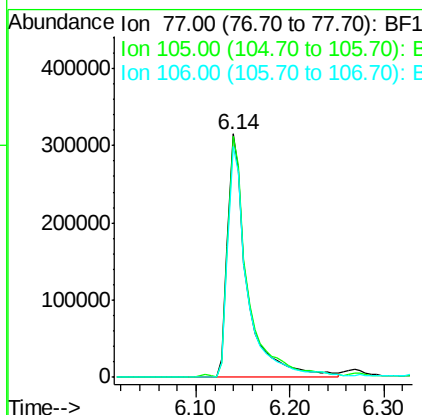
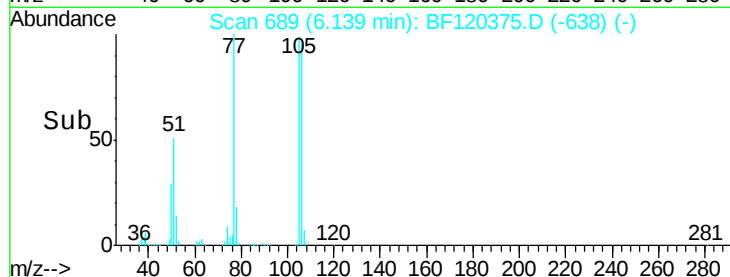
HD-02-051920MS



Tgt Ion:	77	Resp:	455599
Ion	Ratio	Lower	Upper
77	100		
105	99.2	79.9	119.9
106	94.9	75.7	115.7

Manual Integrations
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#10

Phenol

Concen: 35.46 ng

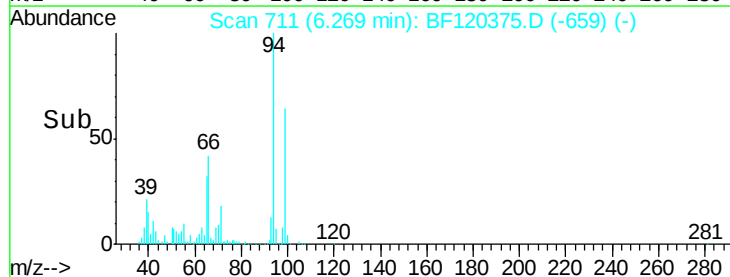
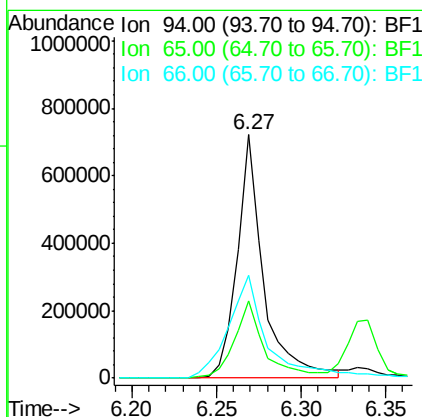
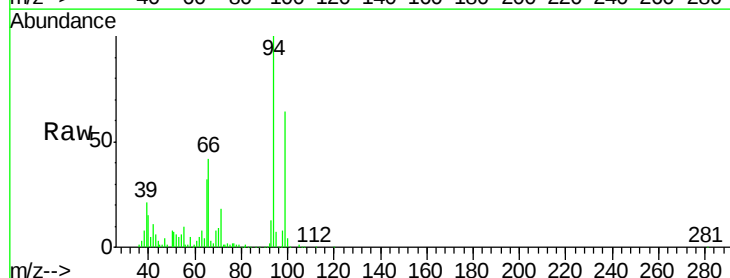
RT: 6.27 min Scan# 711

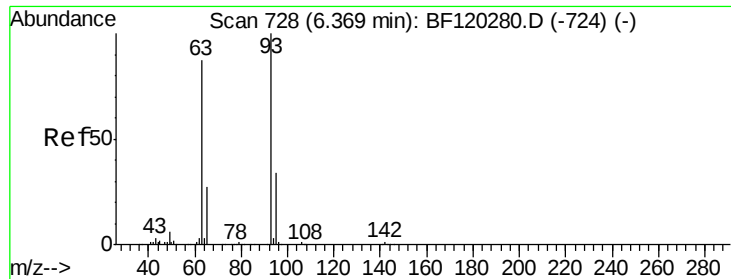
Delta R.T. 0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Tgt Ion:	94	Resp:	781958
Ion	Ratio	Lower	Upper
94	100		
65	31.6	24.1	64.1
66	42.5	47.5	87.5#





#11

bis(2-Chloroethyl)ether

Concen: 42.84 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_F

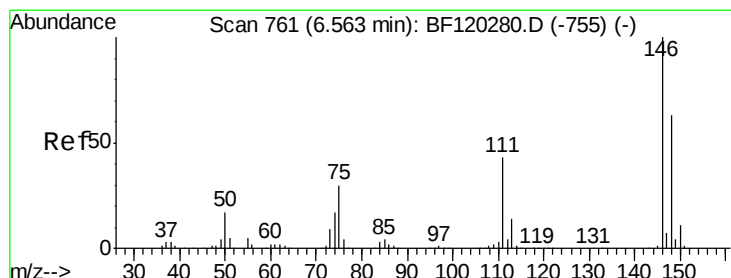
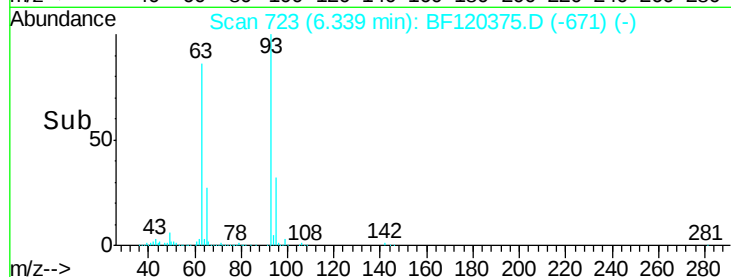
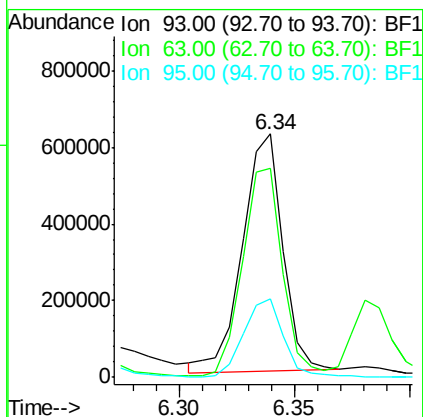
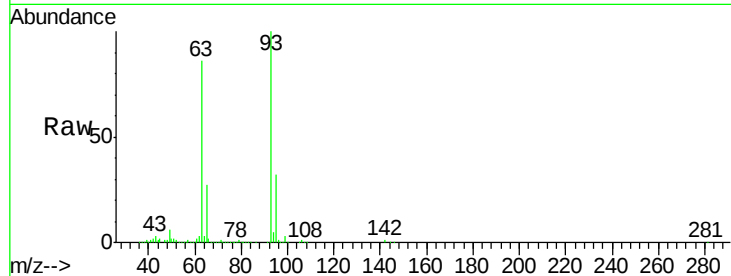
ClientSampleId :

HD-02-051920MS

Tgt Ion:	93	Resp:	754680
Ion	Ratio	Lower	Upper
93	100		
63	85.9	65.4	105.4
95	32.5	12.9	52.9

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#12

1,3-Dichlorobenzene

Concen: 38.63 ng

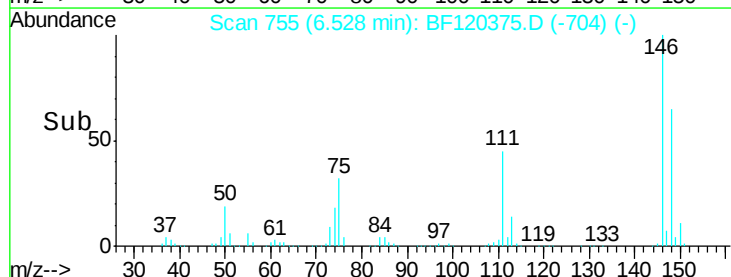
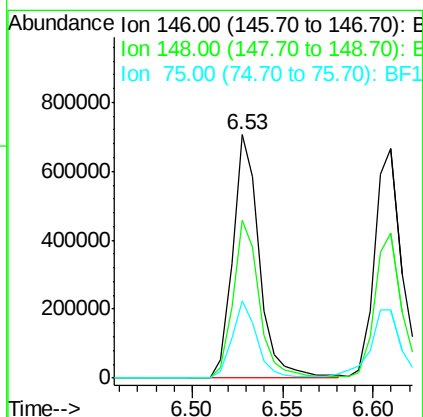
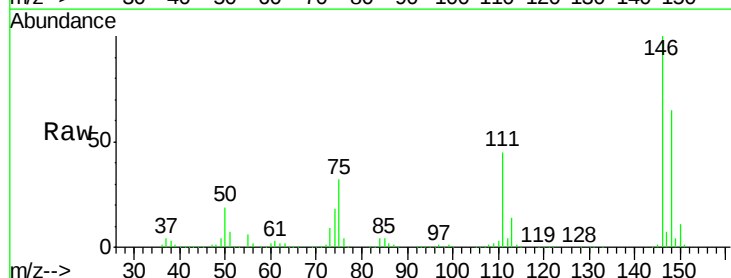
RT: 6.53 min Scan# 755

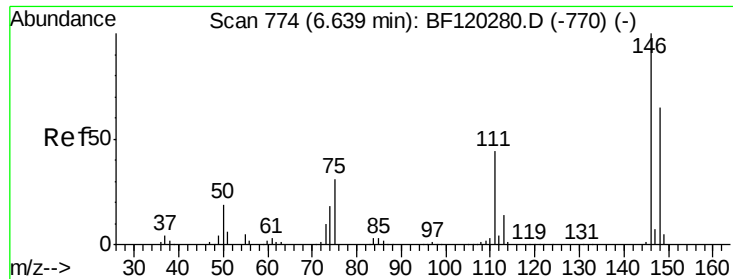
Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Tgt Ion:	146	Resp:	719961
Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.5	75.7
75	31.7	24.2	36.4





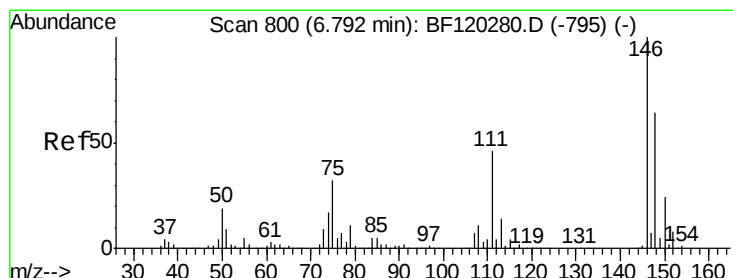
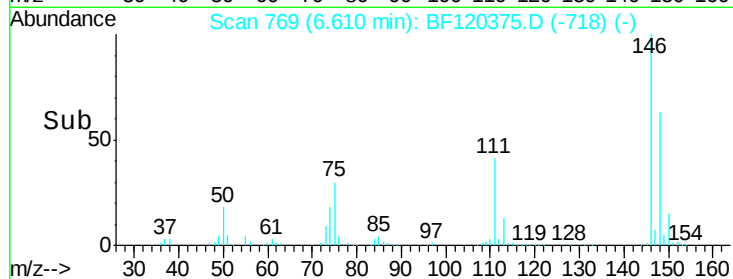
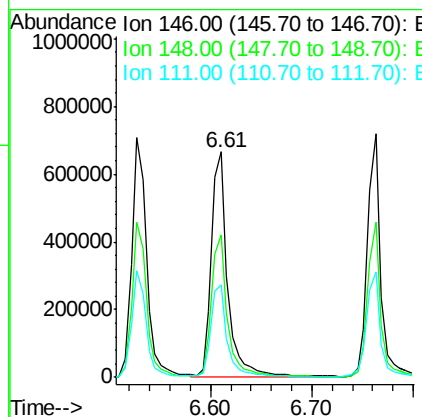
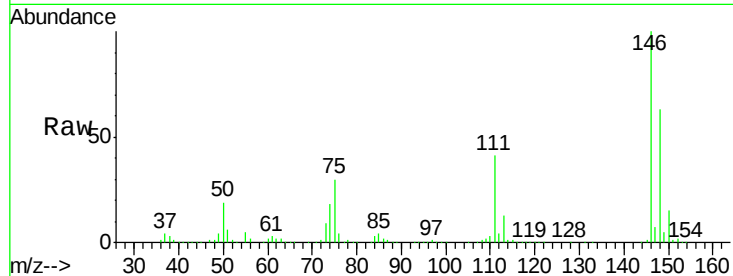
#13
 1,4-Dichlorobenzene
 Concen: 39.30 ng
 RT: 6.61 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-051920MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.6	77.4
111	41.0	35.1	52.7

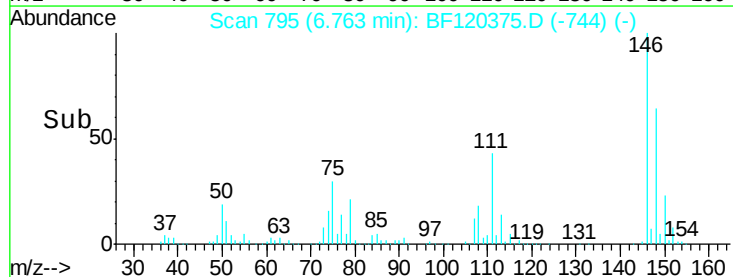
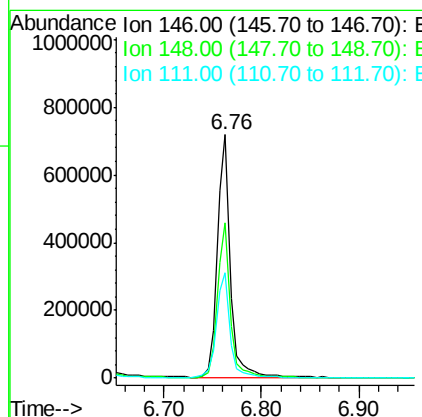
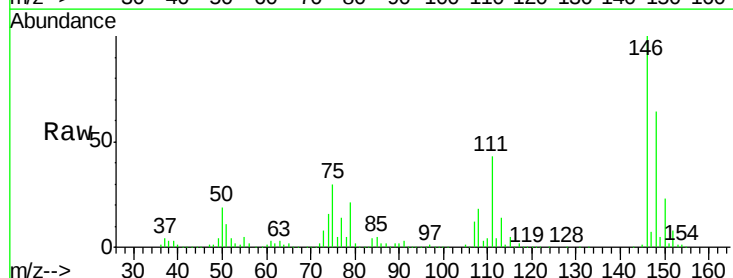
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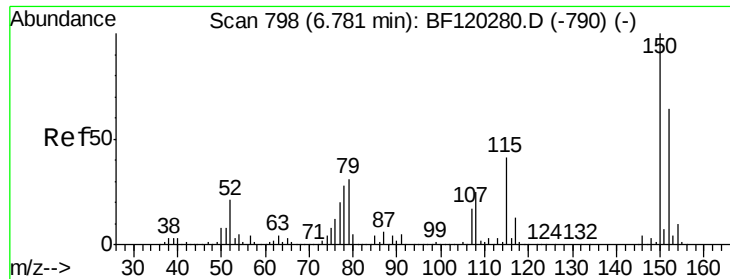
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.30 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
111	43.2	36.6	55.0





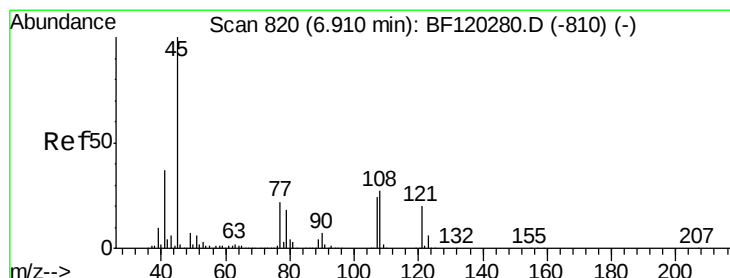
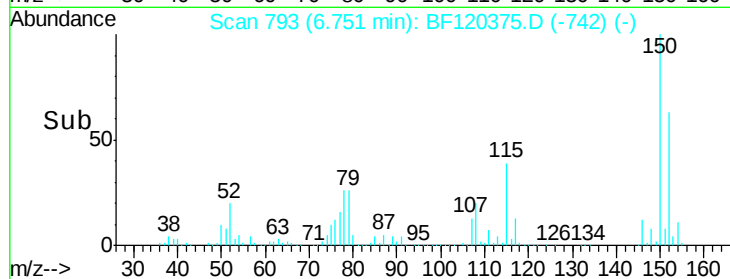
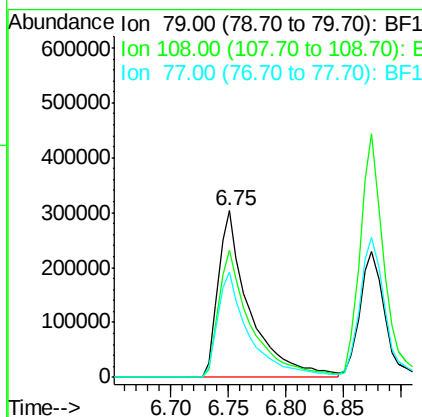
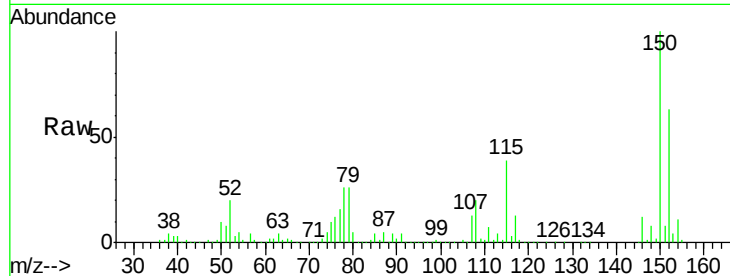
#15
Benzyl Alcohol
Concen: 42.56 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Instrument :
BNA_F
ClientSampleId :
HD-02-051920MS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	76.4	64.2	96.4
77	63.5	51.6	77.4

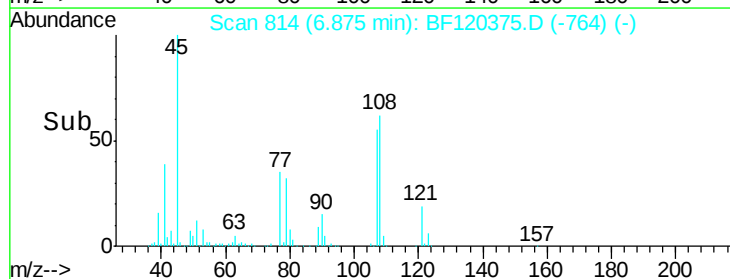
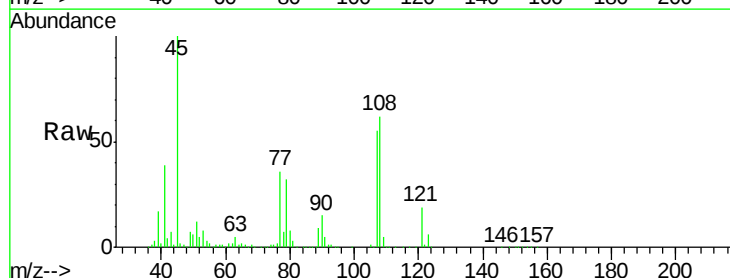
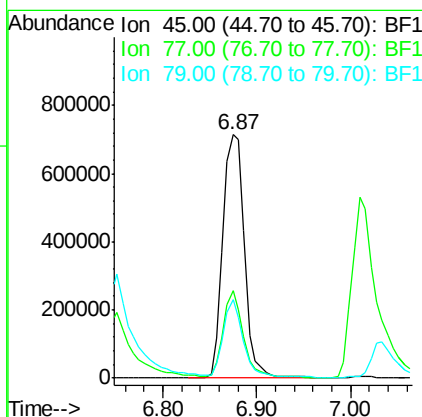
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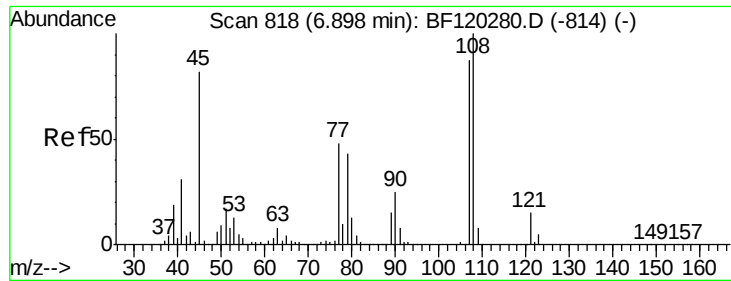
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.23 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	35.7	3.1	43.1
79	32.1	0.0	40.0





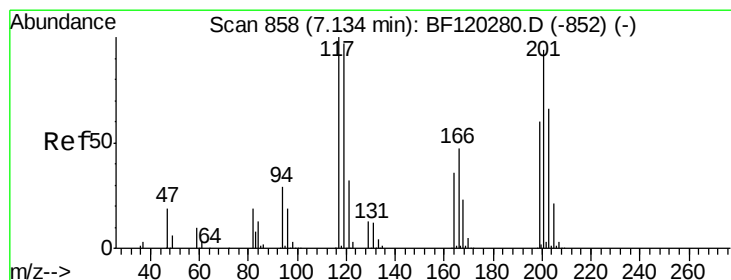
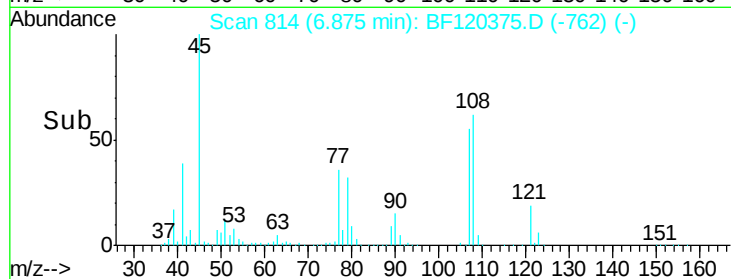
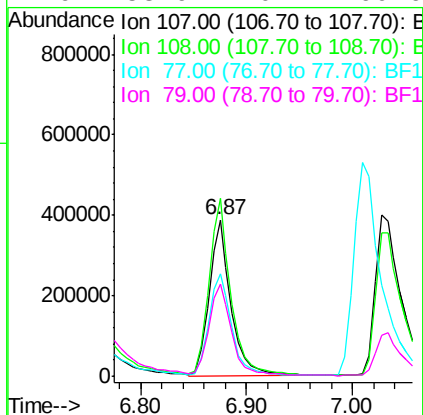
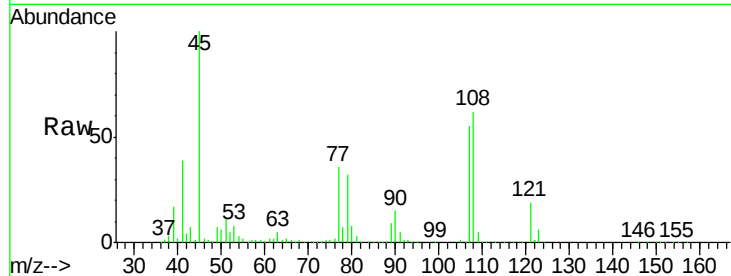
#17
2-Methylphenol
Concen: 37.76 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Instrument :
BNA_F
ClientSampleId :
HD-02-051920MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	555146		
108	113.9	92.4	138.6	
77	65.5	44.5	66.7	
79	58.9	40.4	60.6	

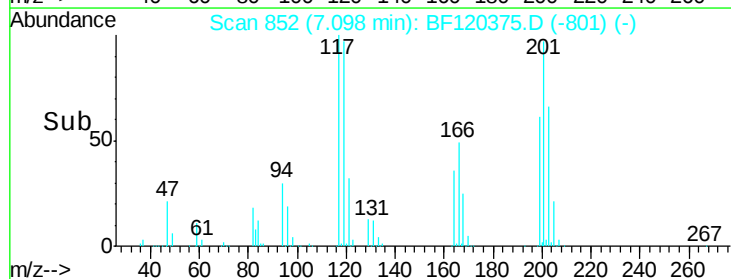
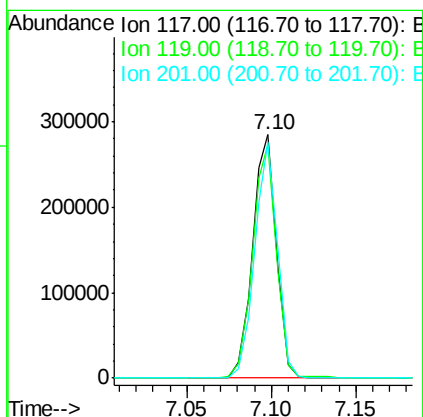
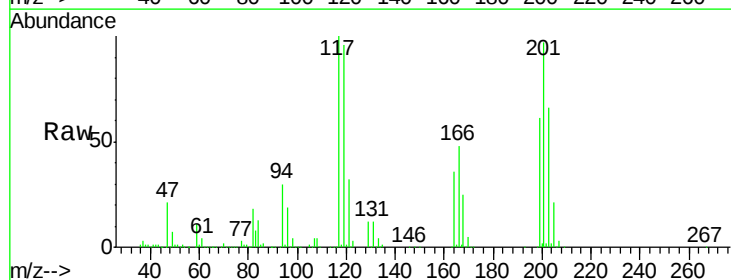
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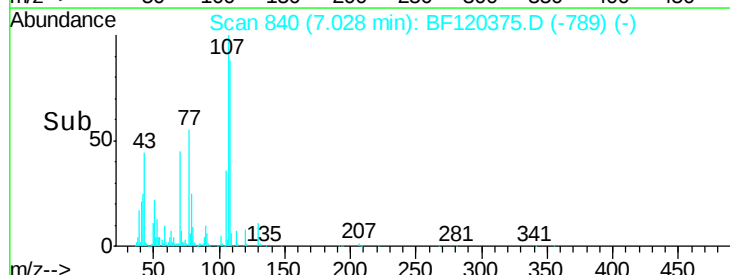
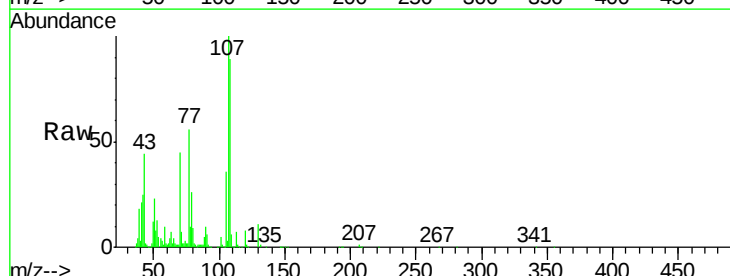
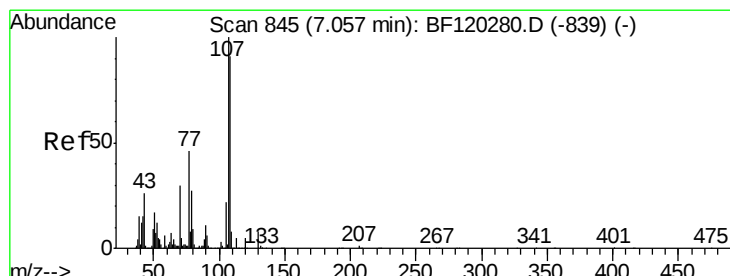
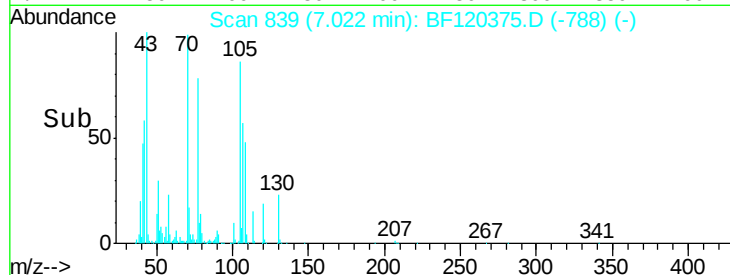
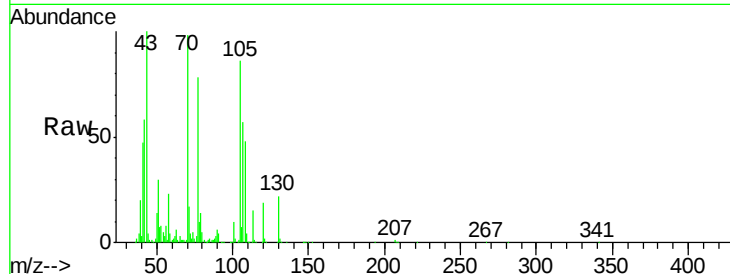
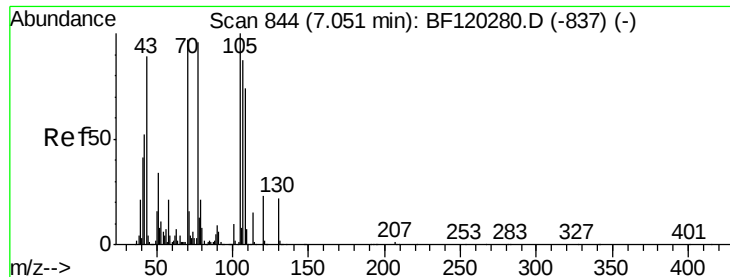
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#18
Hexachloroethane
Concen: 38.18 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

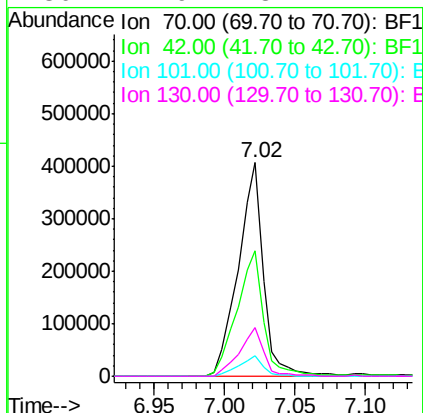
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	279200		
119	96.0	77.4	116.0	
201	96.8	74.9	112.3	





#19
n-Nitroso-di-n-propylamine
Concen: 40.92 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion	Ratio	Lower	Upper
70	100		
42	58.9	43.4	65.0
101	9.7	7.8	11.8
130	22.9	18.2	27.4



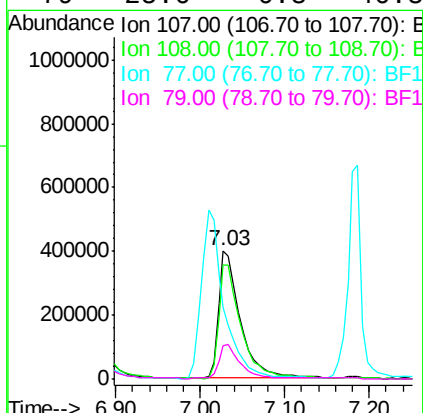
Instrument :
BNA_F
ClientSampleId :
HD-02-051920MS

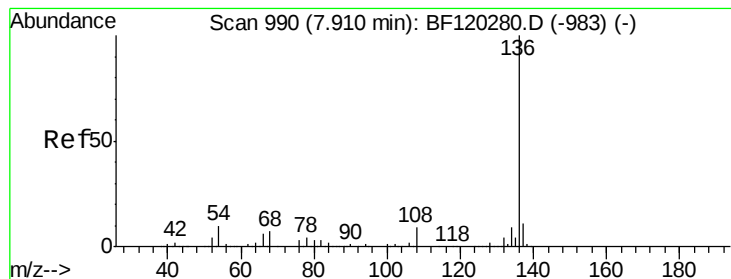
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#20
3+4-Methylphenols
Concen: 37.73 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	71.1	111.1
77	55.8	28.1	68.1
79	25.6	6.8	46.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF120375.D

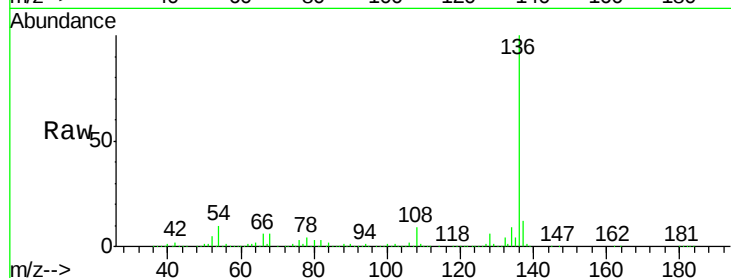
Acq: 20 May 2020 17:46

Instrument :

BNA_F

ClientSampleId :

HD-02-051920MS



Tgt Ion:136 Resp: 1190150

Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 10.4 7.9 11.9

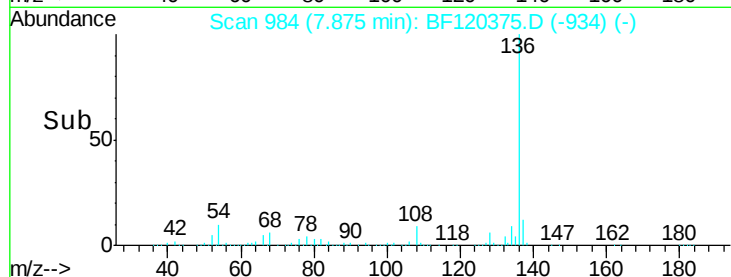
68 6.5 5.4 8.2

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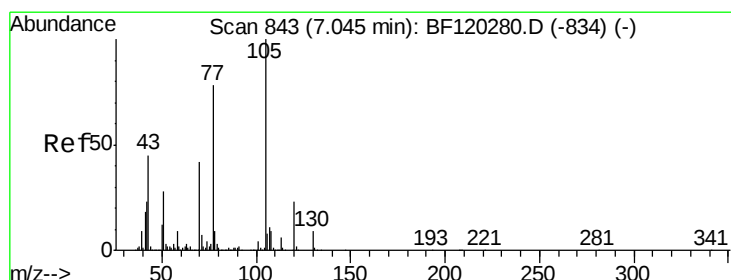
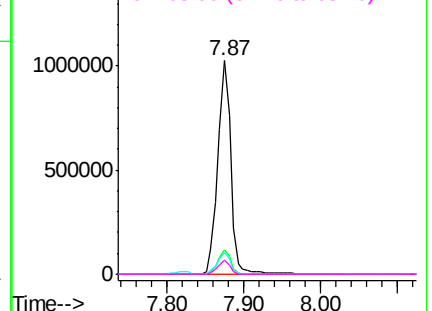


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.72 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Tgt Ion:105 Resp: 1017243

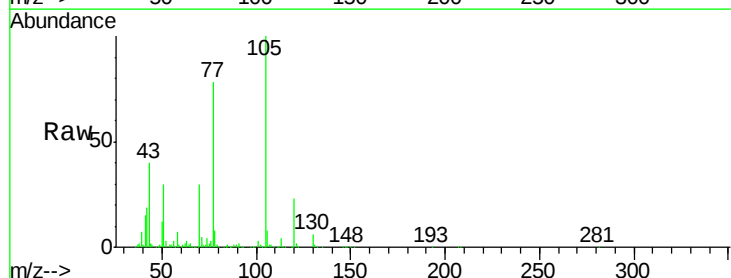
Ion Ratio Lower Upper

105 100

71 4.9 5.6 8.4#

51 29.8 22.6 34.0

120 22.6 18.7 28.1

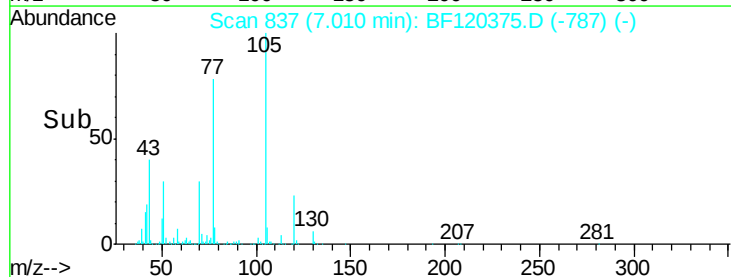
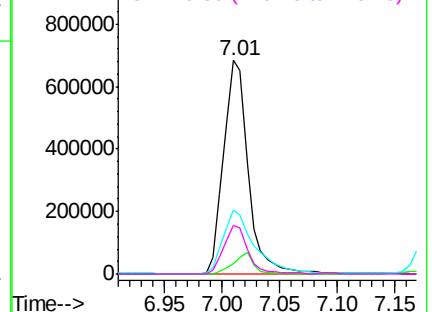


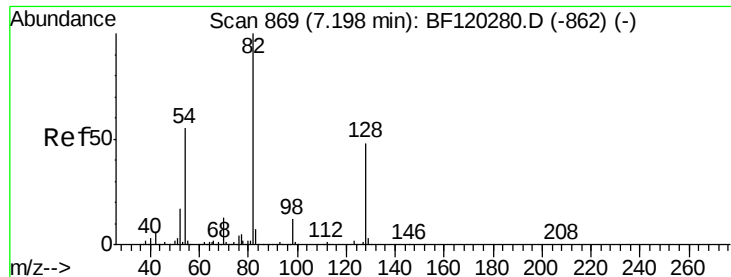
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





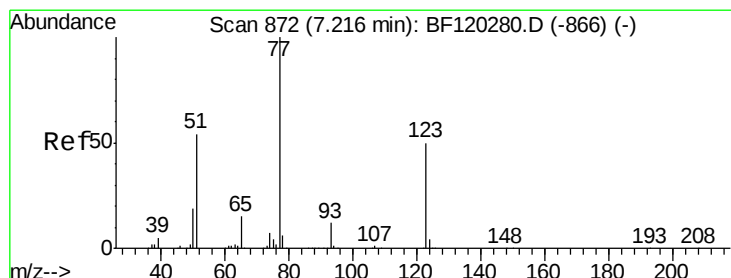
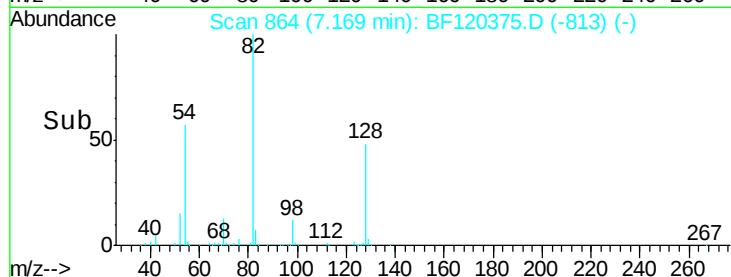
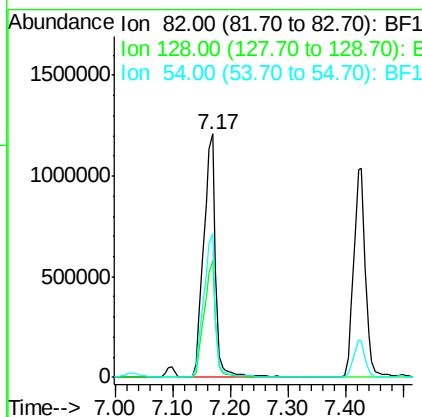
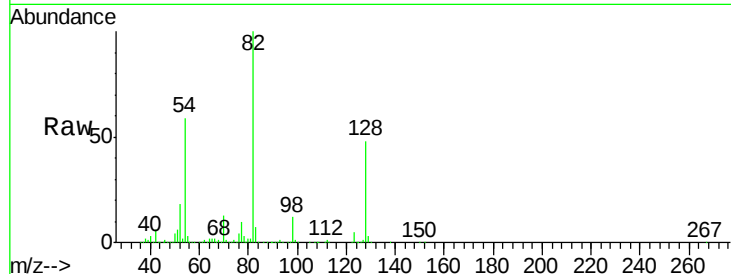
#23
 Nitrobenzene-d5
 Concen: 103.29 ng
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-051920MS

Tgt Ion: 82 Resp: 1795510
 Ion Ratio Lower Upper
 82 100
 128 47.9 38.3 57.5
 54 59.0 43.9 65.9

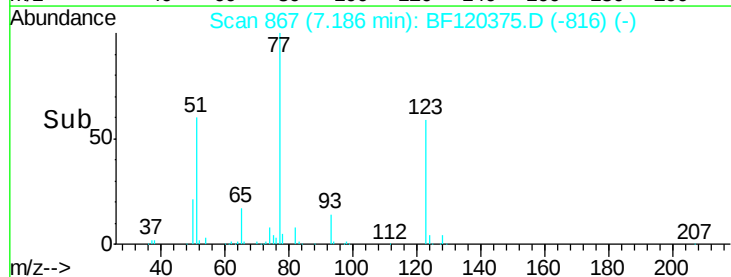
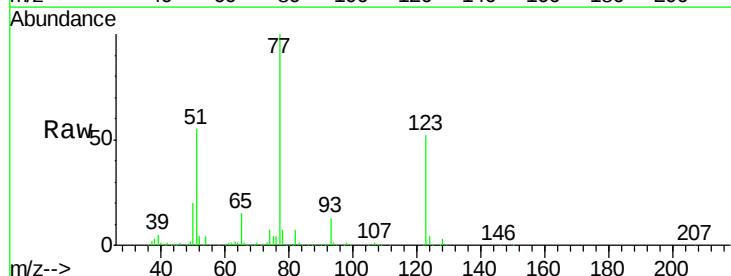
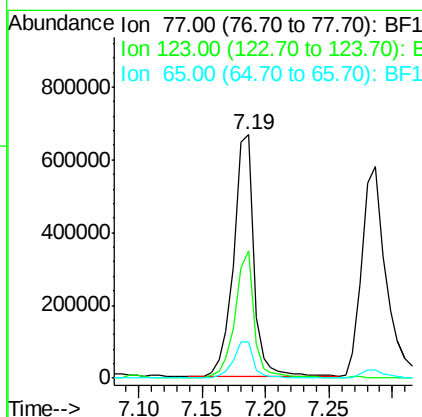
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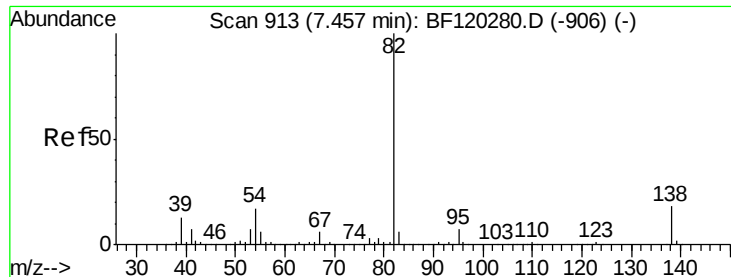
mohammad
 5/21/2020 10:23:00 AM



#24
 Nitrobenzene
 Concen: 39.47 ng
 RT: 7.19 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Tgt Ion: 77 Resp: 738402
 Ion Ratio Lower Upper
 77 100
 123 52.4 40.0 60.0
 65 14.9 11.7 17.5





#25

Isophorone

Concen: 40.17 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_F

ClientSampleId :

HD-02-051920MS

Tgt Ion: 82 Resp: 1452803

Ion Ratio Lower Upper

82 100

95 6.4 5.4 8.0

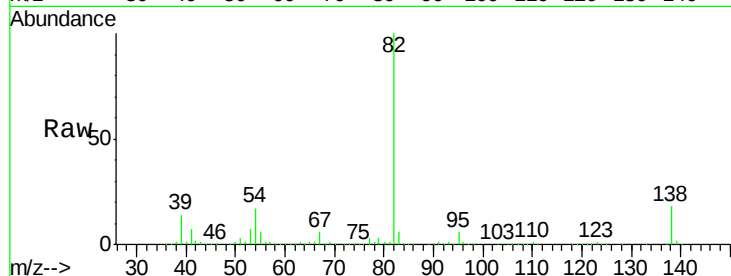
138 18.2 14.7 22.1

Manual Integrations

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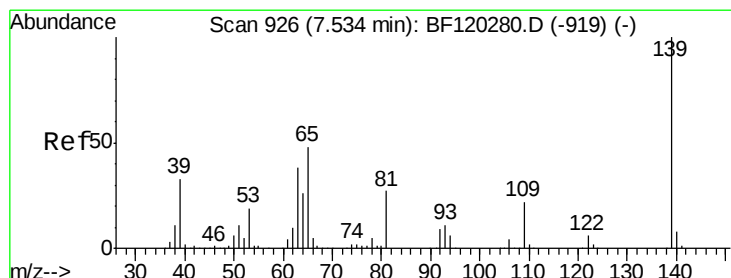
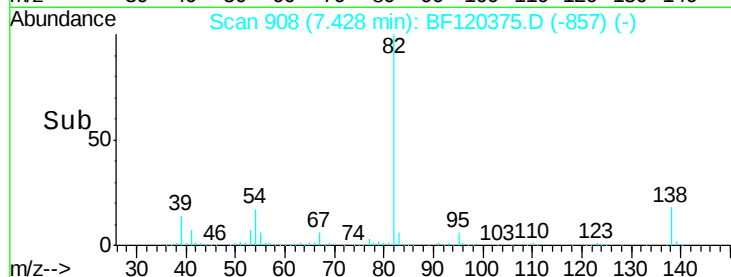
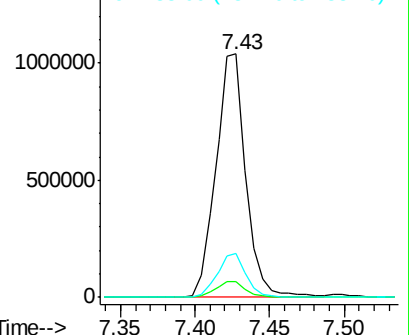
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.53 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

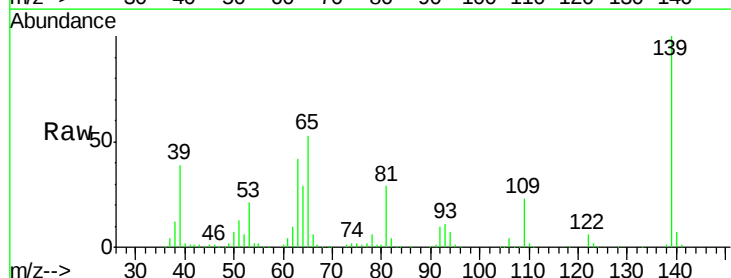
Tgt Ion: 139 Resp: 406307

Ion Ratio Lower Upper

139 100

109 23.4 17.7 26.5

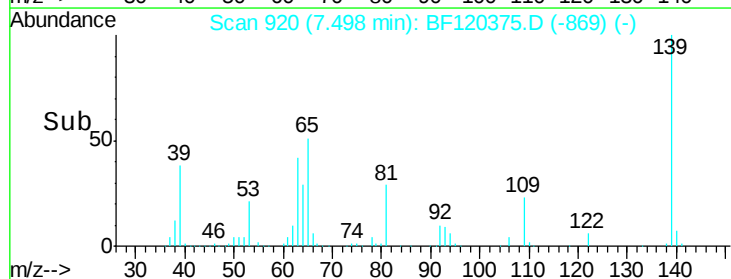
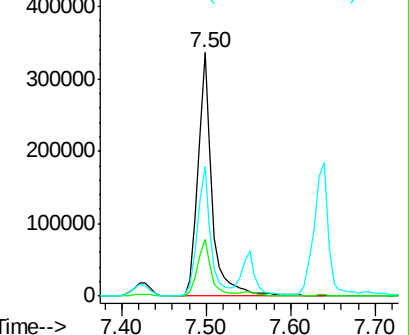
65 53.3 38.3 57.5

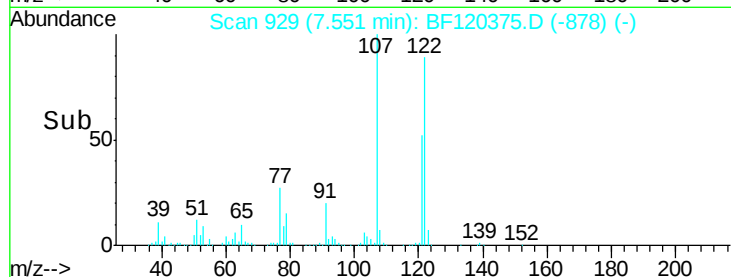
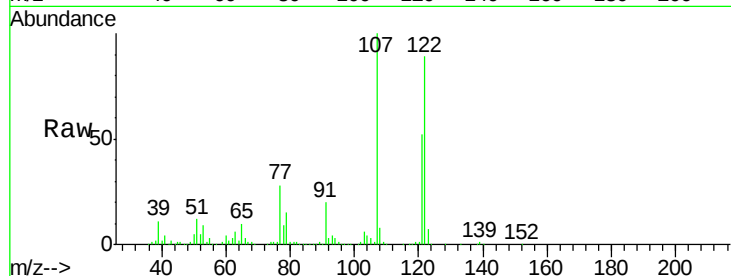
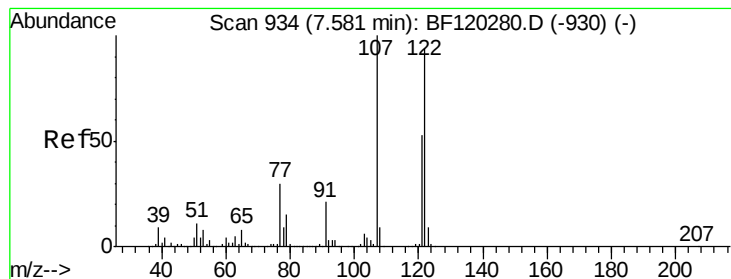


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 44.33 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Tgt Ion:	122	Resp:	630917
Ion Ratio	Lower	Upper	
122	100		
107	112.4	85.0	127.6
121	58.2	45.1	67.7

Instrument :

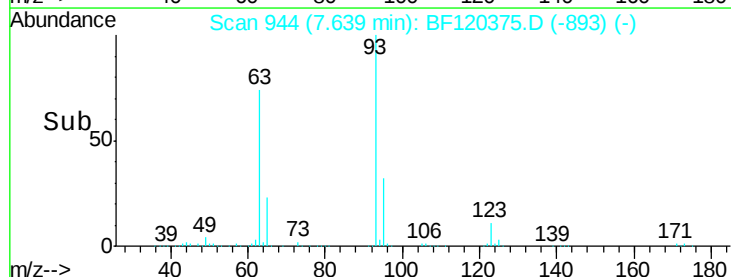
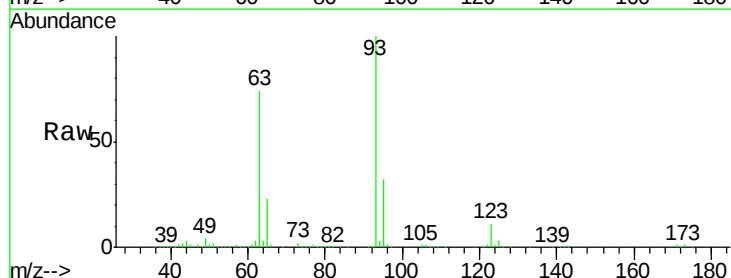
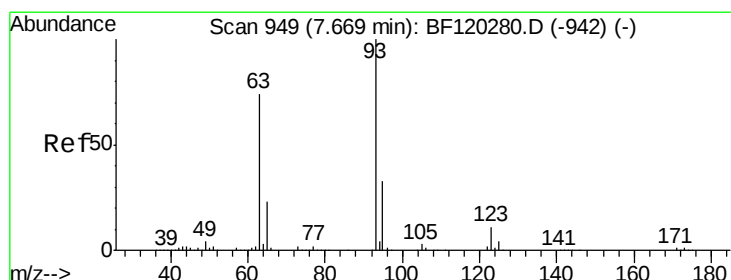
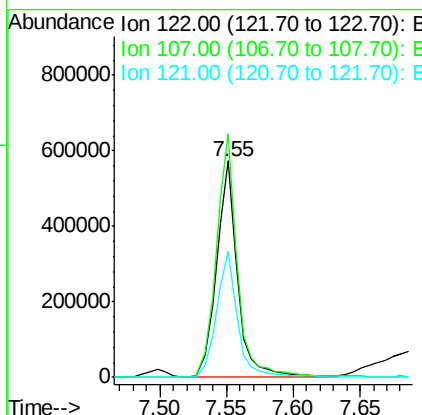
BNA_F

ClientSampleId :

HD-02-051920MS

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#28

bis(2-Chloroethoxy)methane

Concen: 40.96 ng

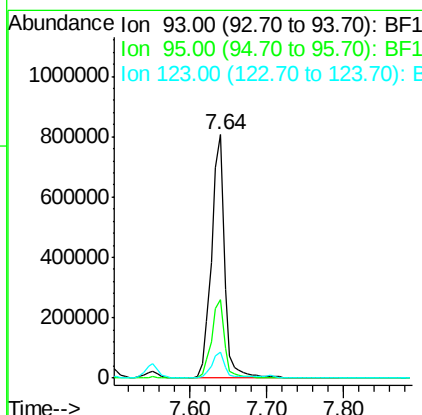
RT: 7.64 min Scan# 944

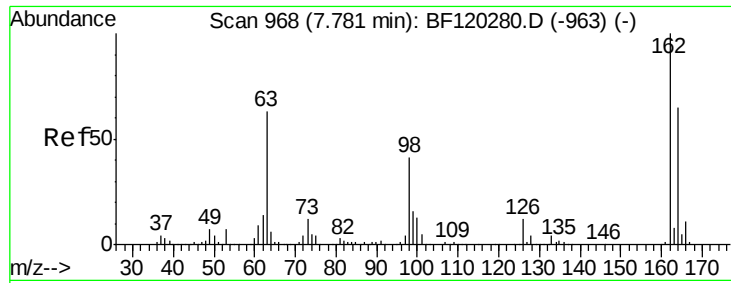
Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Tgt Ion:	93	Resp:	931283
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.8	40.2
123	10.9	9.2	13.8





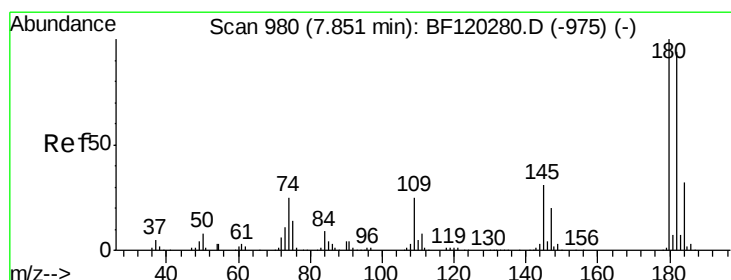
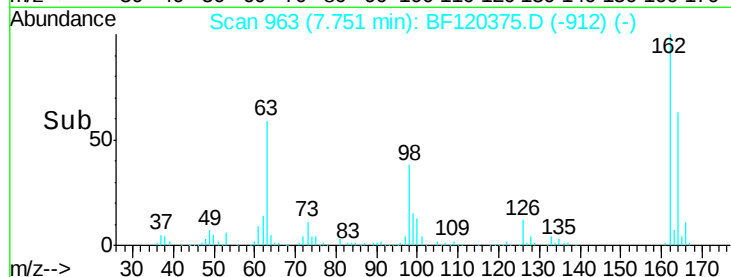
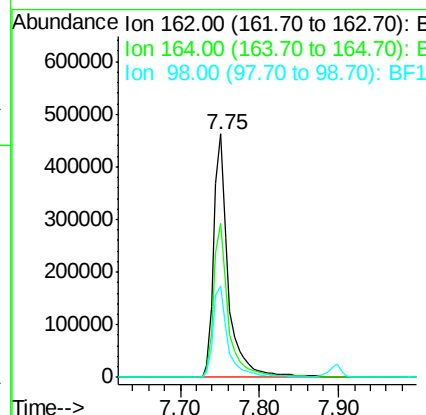
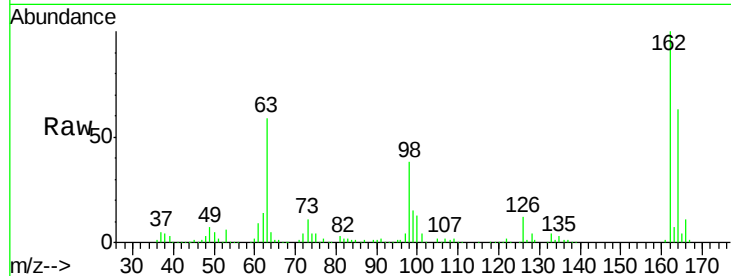
#29
 2,4-Dichlorophenol
 Concen: 40.38 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-051920MS

Tgt Ion:	162	Resp:	590232
Ion Ratio	Lower	Upper	
162	100		
164	63.2	44.9	84.9
98	37.5	20.7	60.7

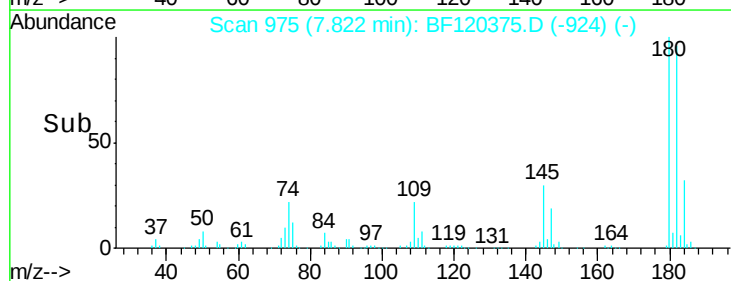
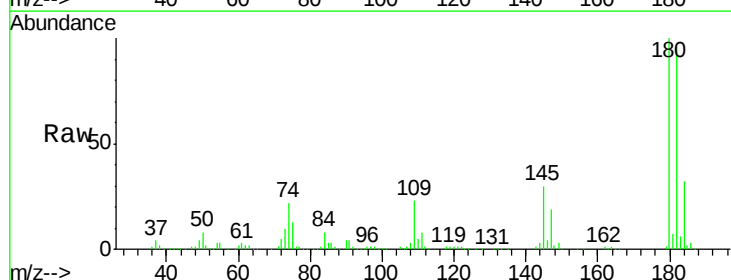
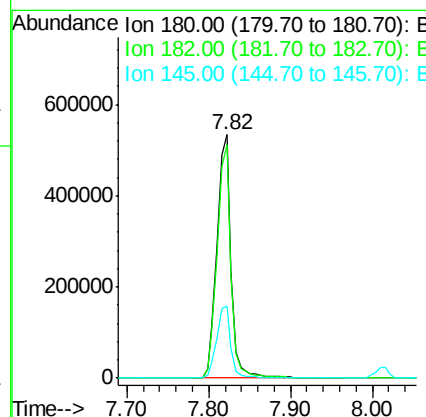
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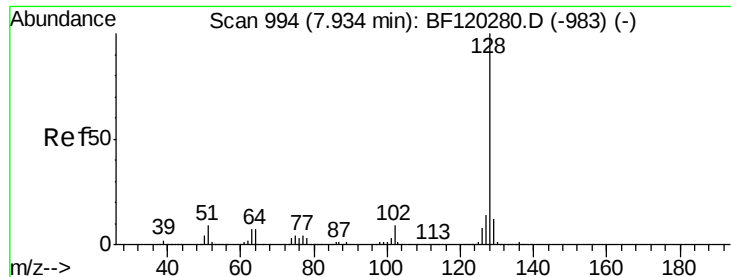
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.86 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Tgt Ion:	180	Resp:	645673
Ion Ratio	Lower	Upper	
180	100		
182	96.0	75.3	112.9
145	29.8	24.9	37.3





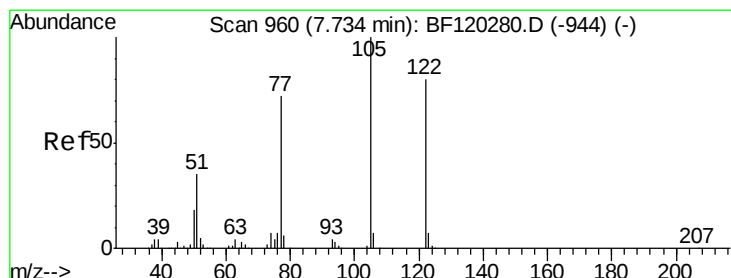
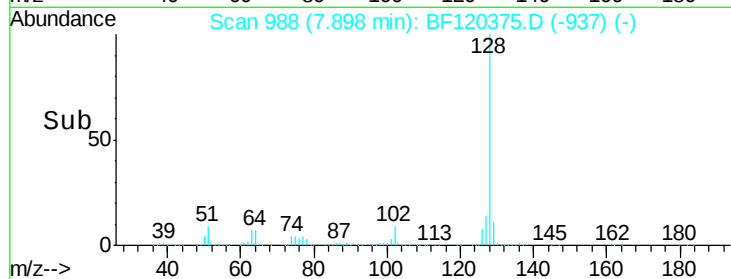
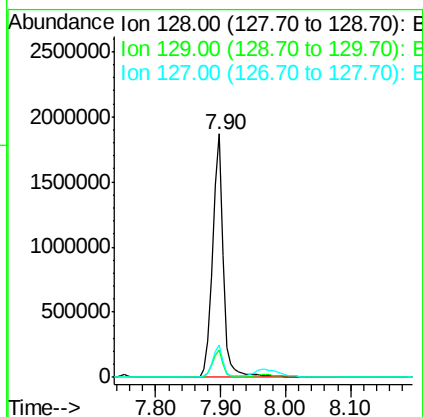
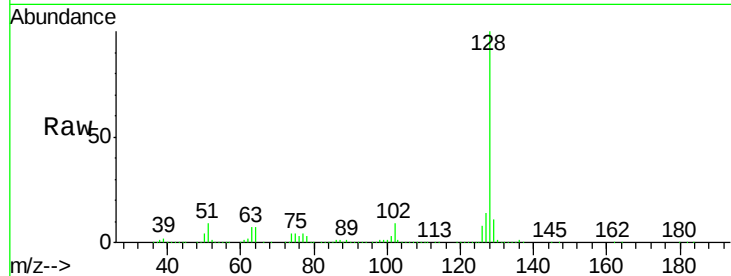
#31
Naphthalene
Concen: 42.65 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Instrument :
BNA_F
ClientSampleId :
HD-02-051920MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	13.5	11.2	16.8

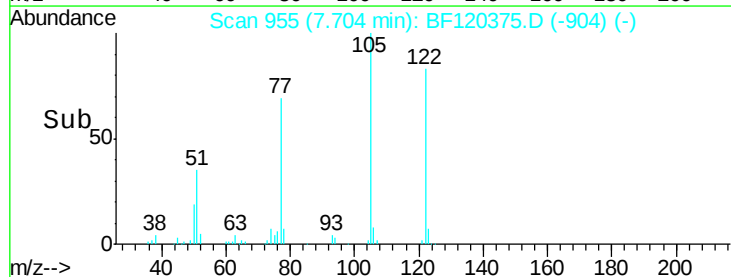
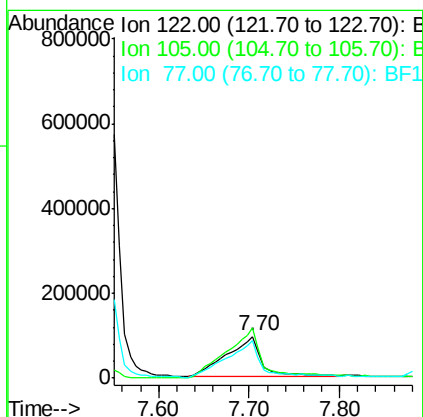
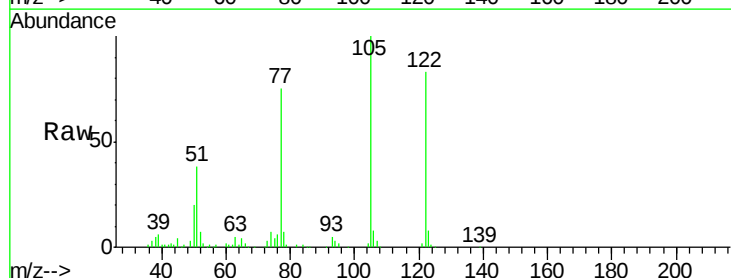
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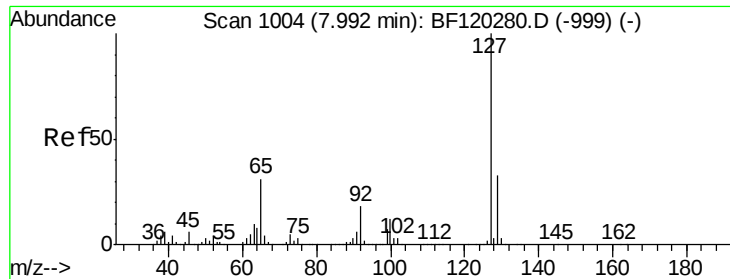
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#32
Benzoic acid
Concen: 27.92 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.9	98.1	138.1
77	90.1	66.7	106.7





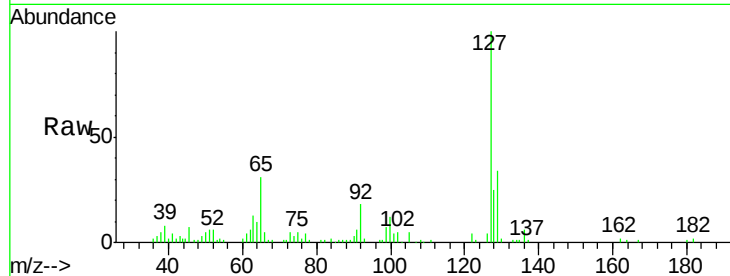
#33
4-Chloroaniline
Concen: 8.08 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Instrument :
BNA_F
ClientSampleId :
HD-02-051920MS

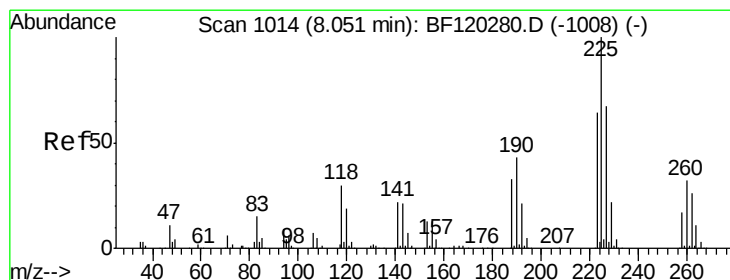
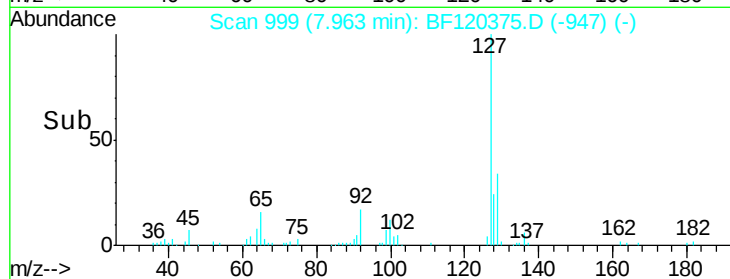
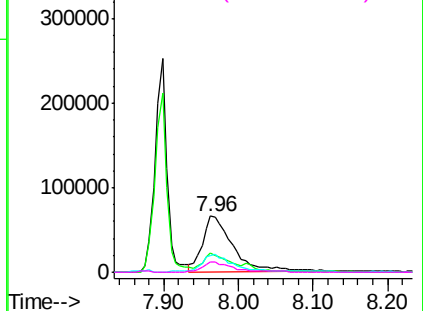
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	184876		
129	33.7	26.4	39.6	
65	30.8	24.8	37.2	
92	18.0	14.5	21.7	

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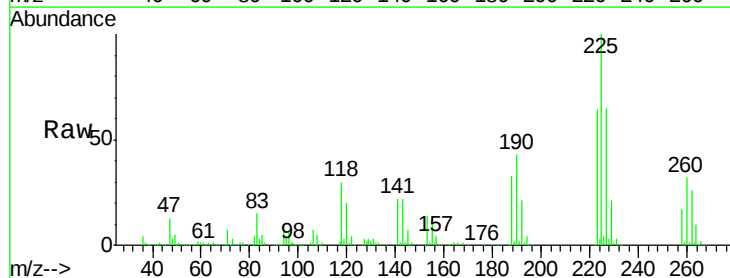


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

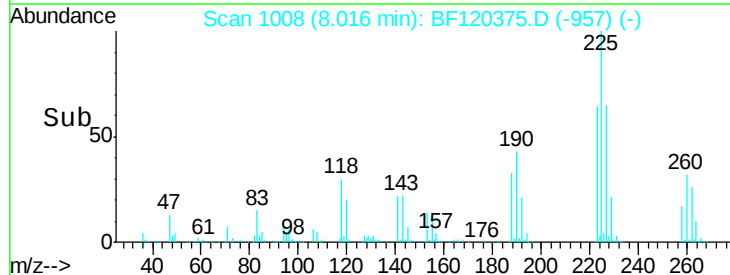
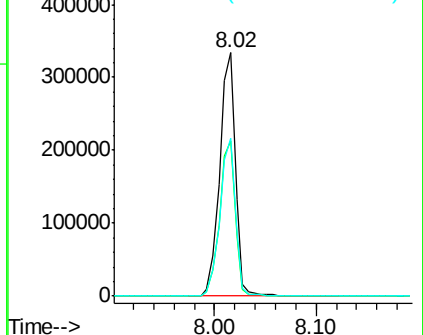


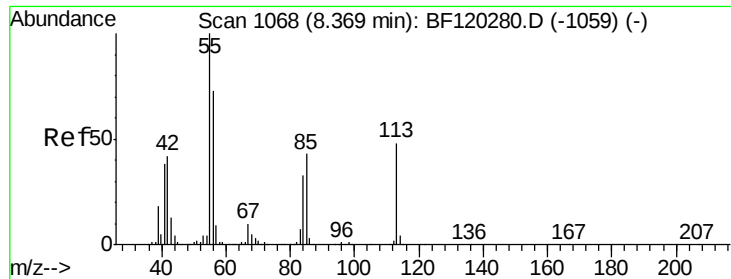
#34
Hexachlorobutadiene
Concen: 38.52 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	360613		
223	63.9	51.4	77.0	
227	64.9	54.0	81.0	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





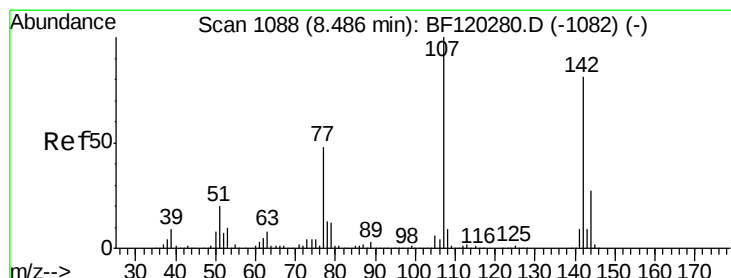
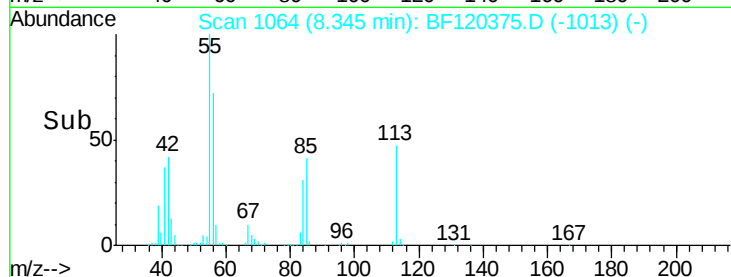
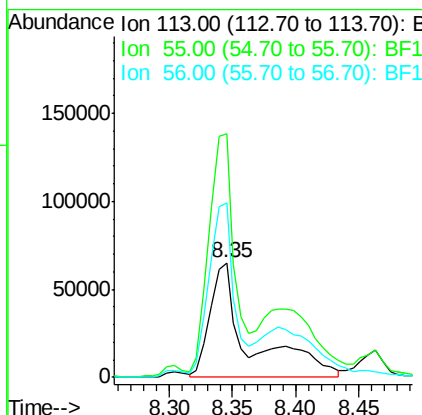
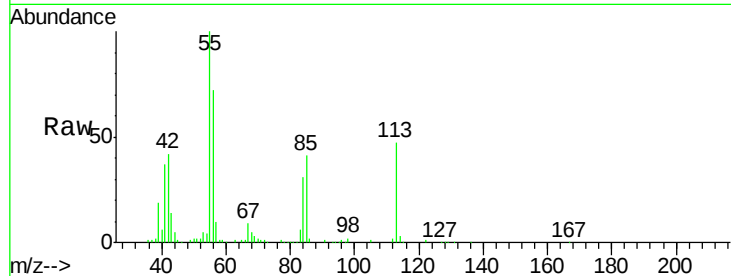
#35
 Caprolactam
 Concen: 29.65 ng m
 RT: 8.35 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-051920MS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	141810		
55	212.3	190.4	230.4	
56	152.2	132.7	172.7	

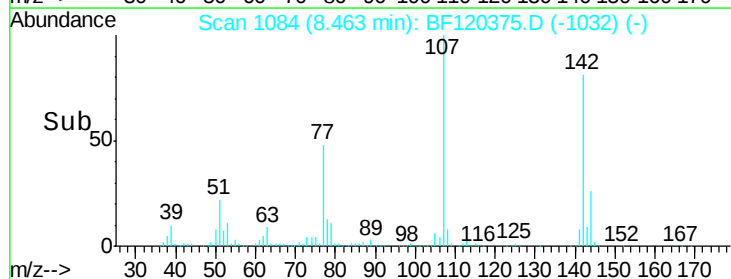
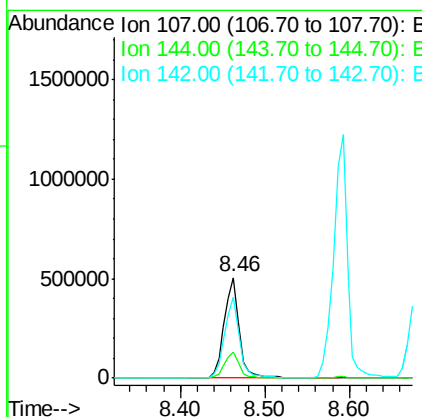
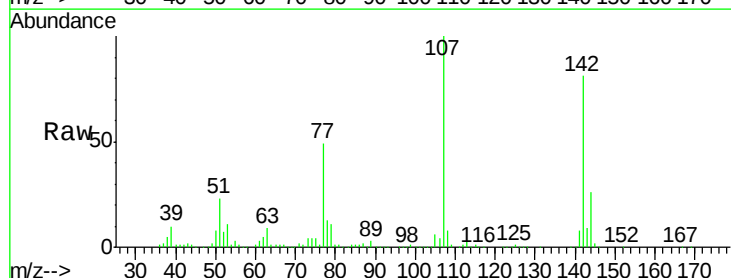
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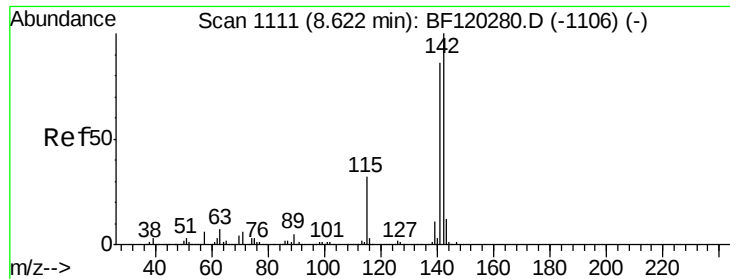
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 40.11 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. 0.01 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	634202		
144	26.0	21.4	32.2	
142	81.0	65.1	97.7	





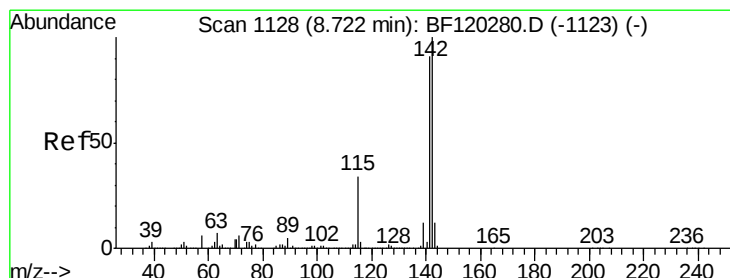
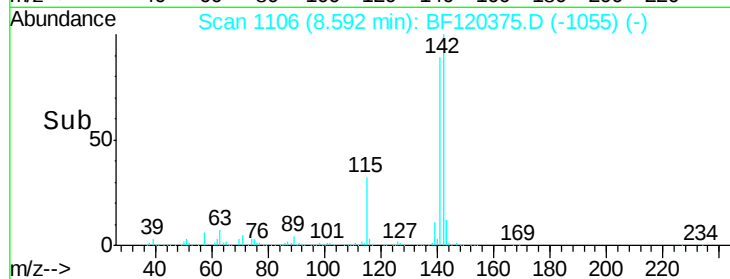
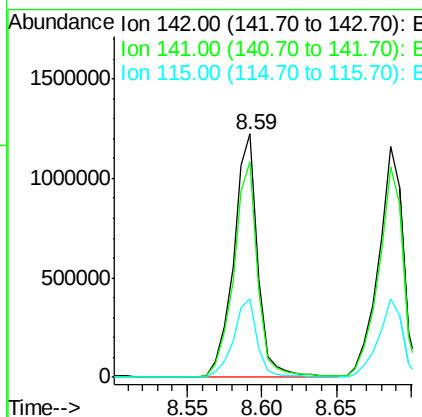
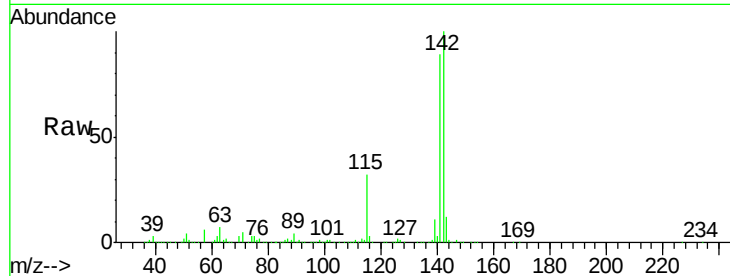
#37
 2-Methylnaphthalene
 Concen: 40.46 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-051920MS

Tgt Ion:142 Resp: 1390808
 Ion Ratio Lower Upper
 142 100
 141 88.7 68.8 103.2
 115 32.3 25.7 38.5

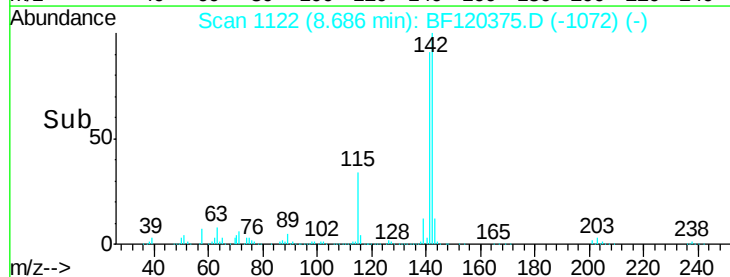
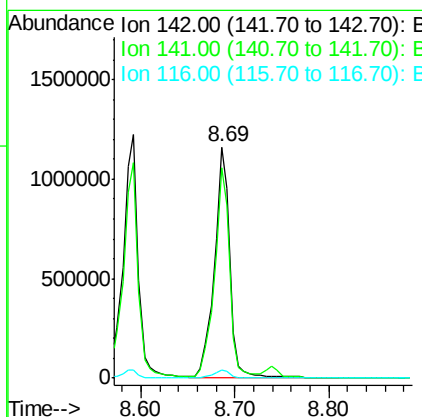
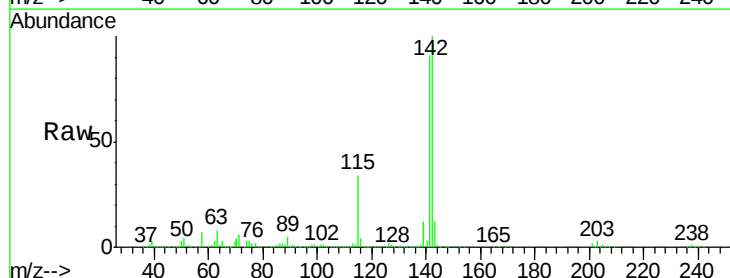
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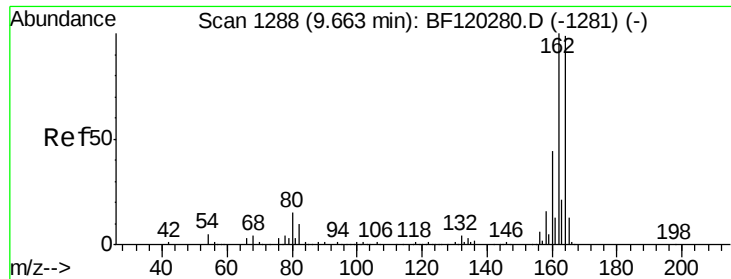
mohammad
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#38
 1-Methylnaphthalene
 Concen: 40.55 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Tgt Ion:142 Resp: 1351776
 Ion Ratio Lower Upper
 142 100
 141 91.1 73.0 109.6
 116 3.6 2.7 4.1





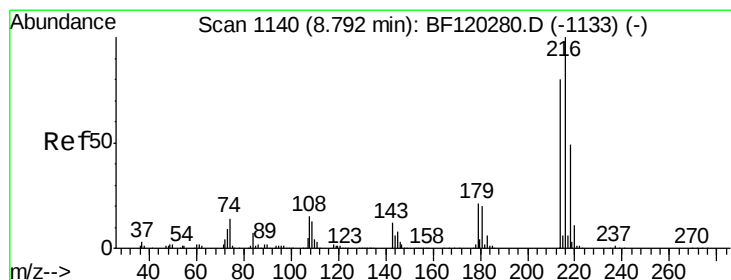
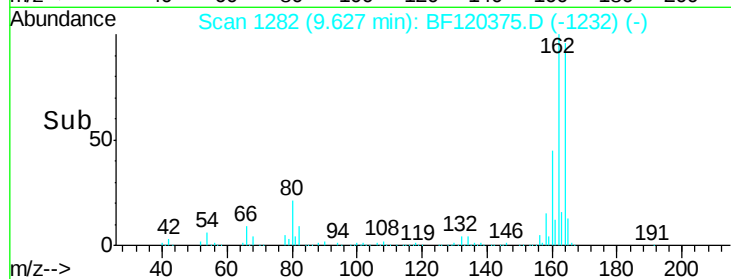
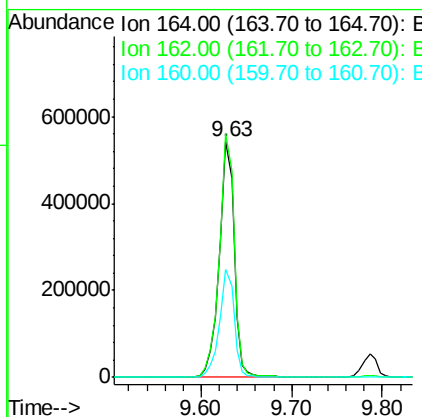
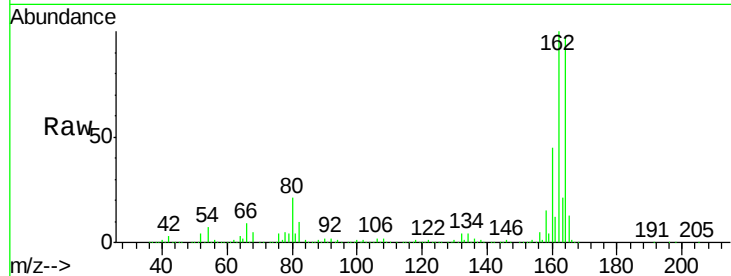
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Instrument :
BNA_F
ClientSampleId :
HD-02-051920MS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	615570		
162	103.4	81.2	121.8	
160	46.1	35.8	53.6	

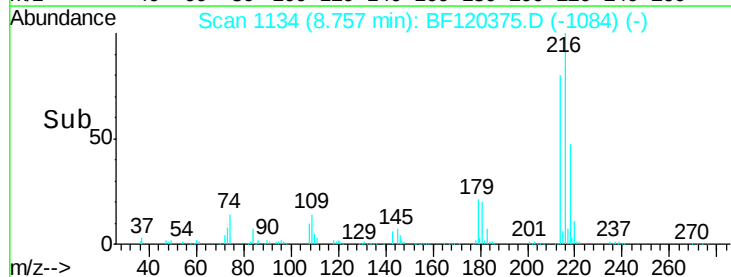
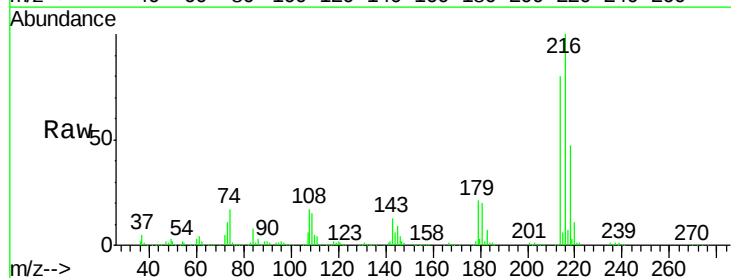
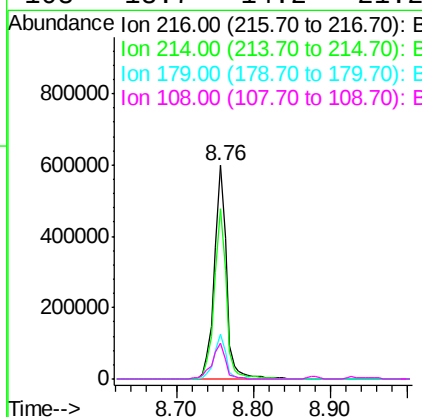
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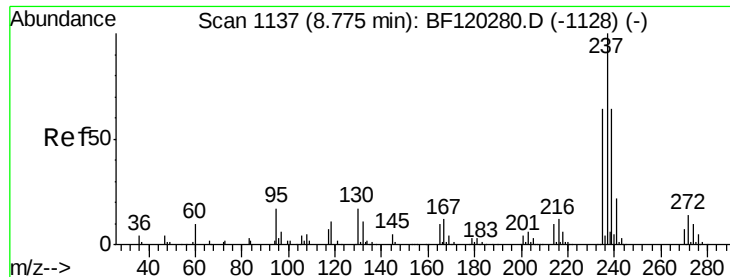
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.17 ng
RT: 8.76 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	638996		
214	78.6	64.0	96.0	
179	20.3	16.9	25.3	
108	18.7	14.2	21.2	





#41

Hexachlorocyclopentadiene

Concen: 69.20 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_F

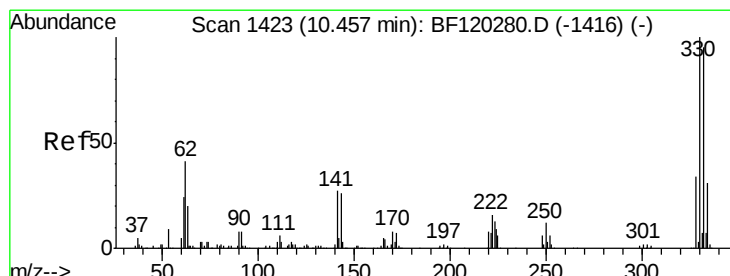
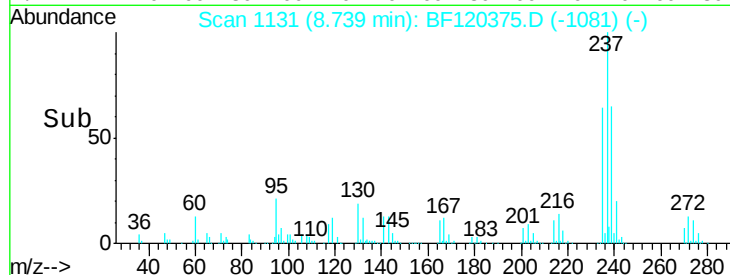
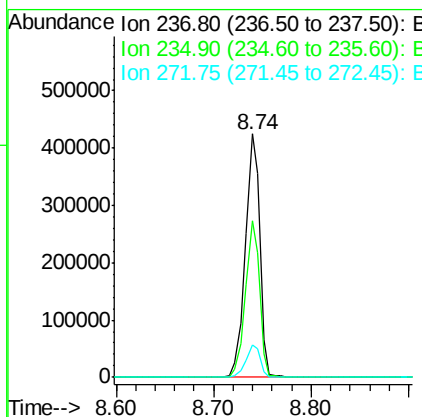
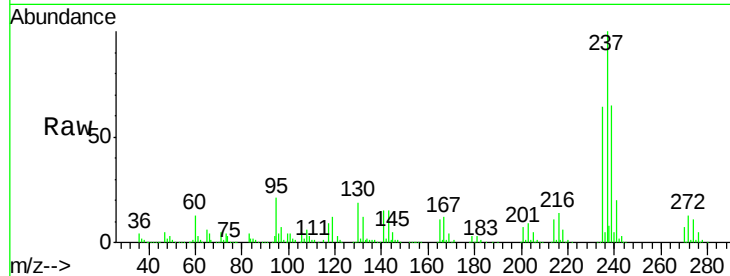
ClientSampleId :

HD-02-051920MS

Tgt Ion:	237	Resp:	436819
Ion Ratio	Lower	Upper	
237	100		
235	64.1	43.8	83.8
272	13.3	0.0	33.9

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 133.63 ng

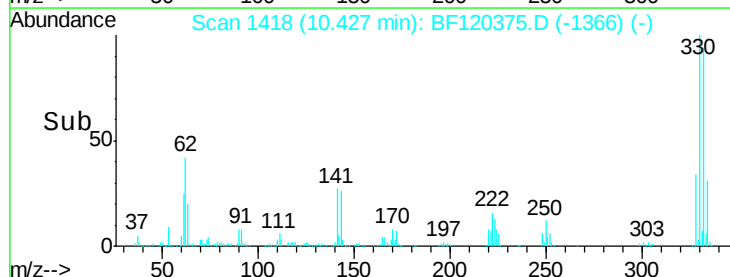
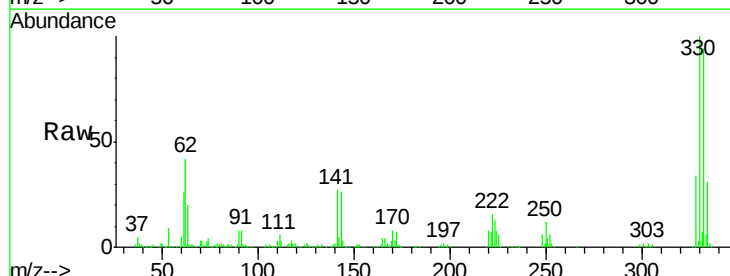
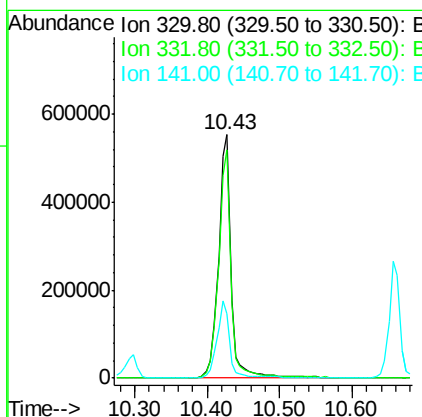
RT: 10.43 min Scan# 1418

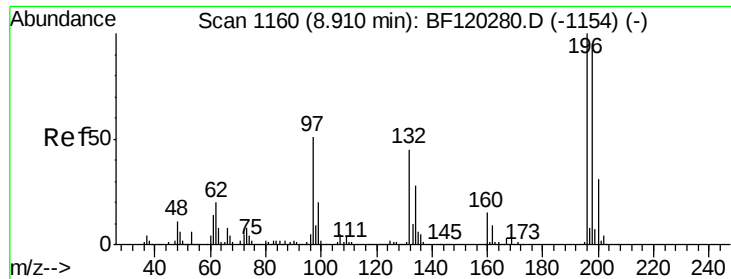
Delta R.T. 0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Tgt Ion:	330	Resp:	670692
Ion Ratio	Lower	Upper	
330	100		
332	93.6	76.5	114.7
141	31.2	25.4	38.0





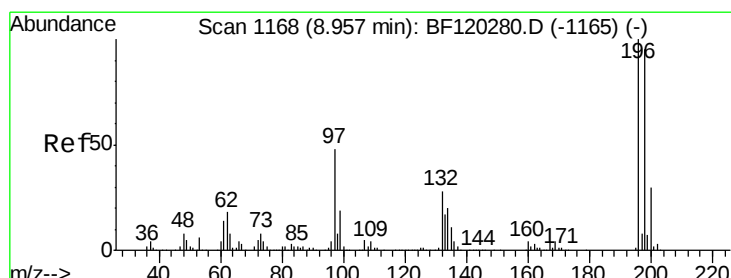
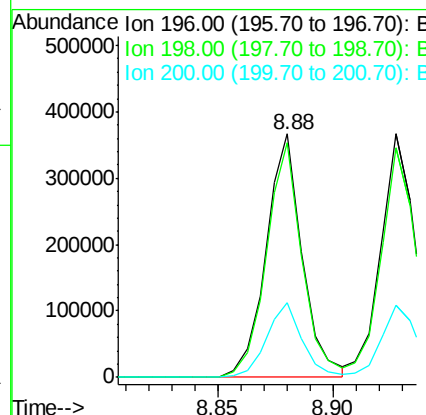
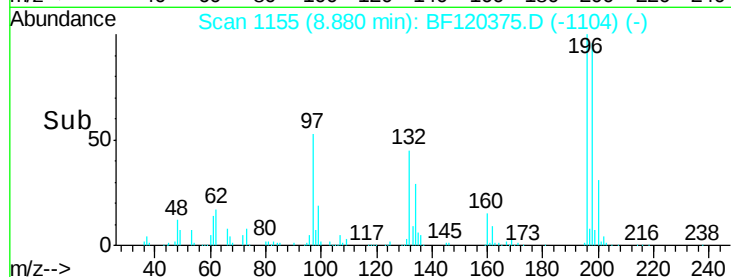
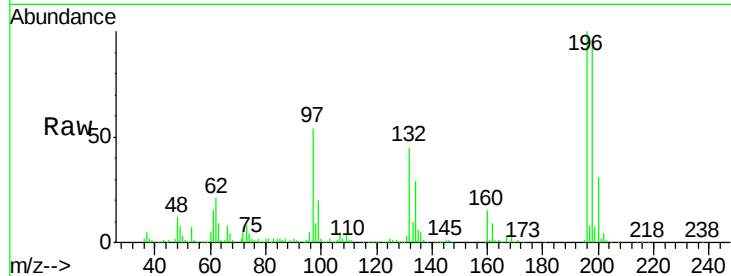
#43
 2,4,6-Trichlorophenol
 Concen: 38.29 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-051920MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	398956		
198	96.1	76.2	114.4	
200	30.8	24.9	37.3	

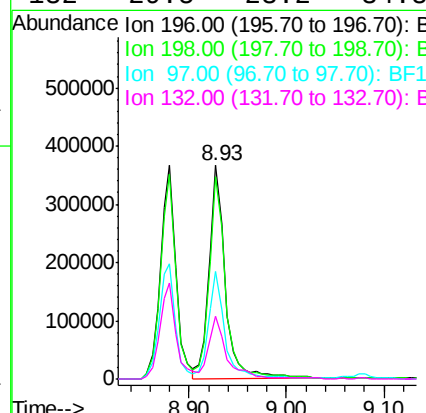
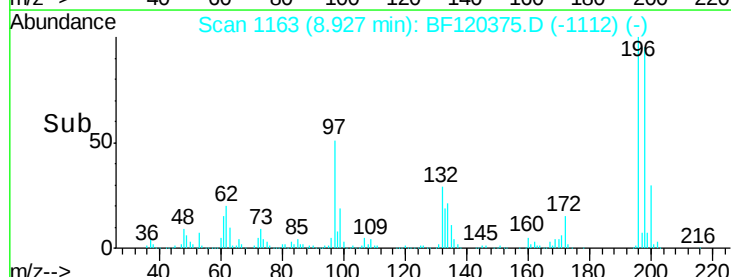
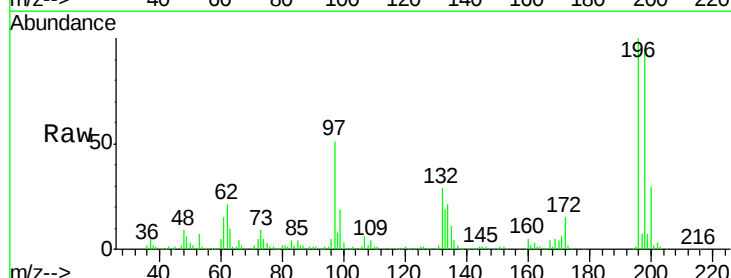
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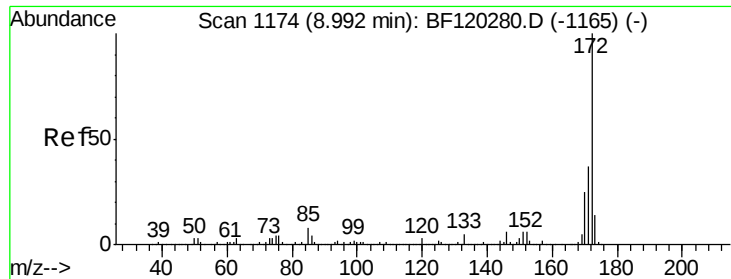
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 35.46 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	424329		
198	94.5	76.2	114.4	
97	50.6	38.6	57.8	
132	29.5	23.2	34.8	





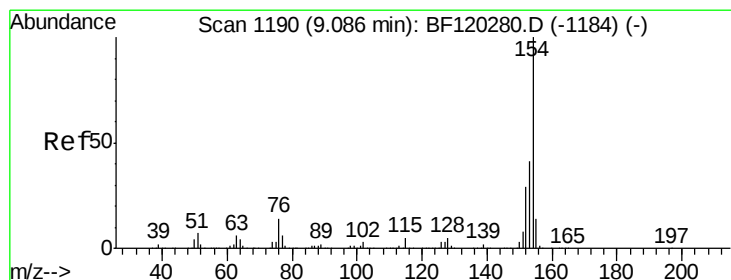
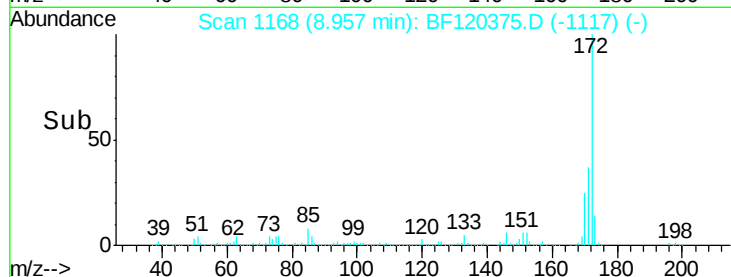
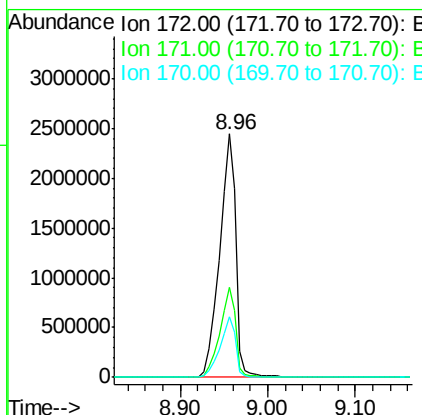
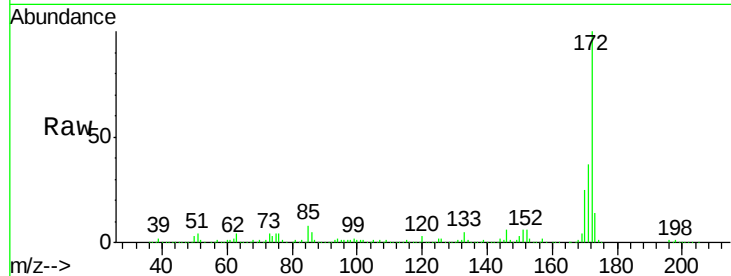
#45
2-Fluorobiphenyl
Concen: 105.43 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Instrument :
BNA_F
ClientSampleId :
HD-02-051920MS

Tgt Ion:172 Resp: 3158939
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 24.8 19.9 29.9

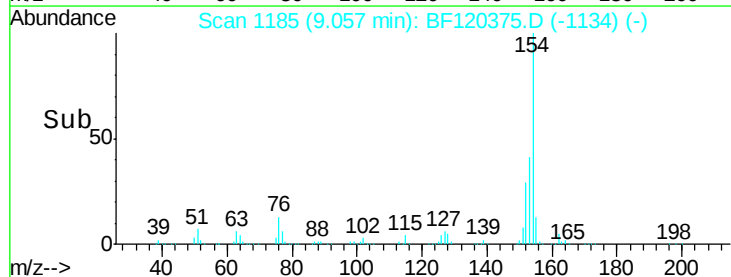
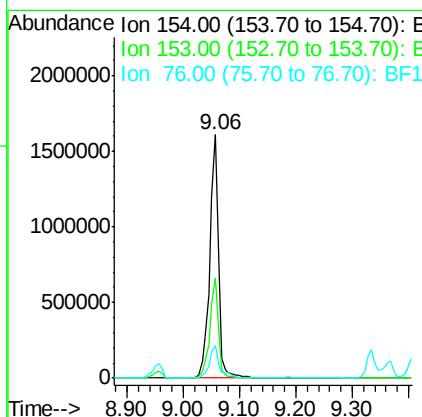
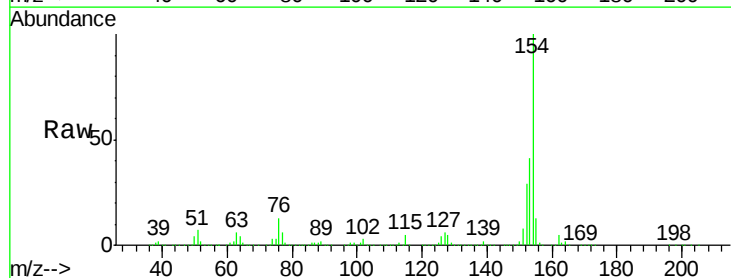
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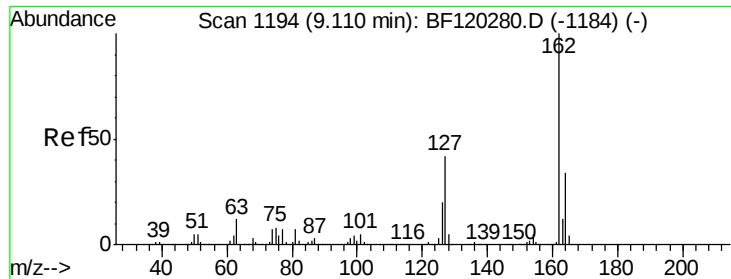
mohammad
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#46
1,1'-Biphenyl
Concen: 42.35 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion:154 Resp: 1707958
Ion Ratio Lower Upper
154 100
153 41.4 20.8 60.8
76 13.3 0.0 34.3





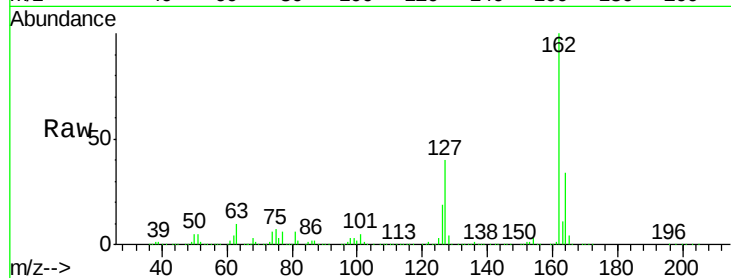
#47
 2-Chloronaphthalene
 Concen: 39.21 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-051920MS

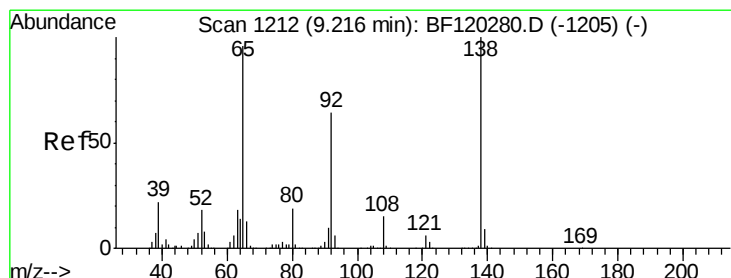
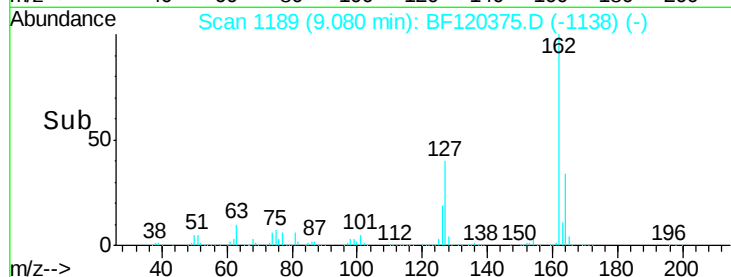
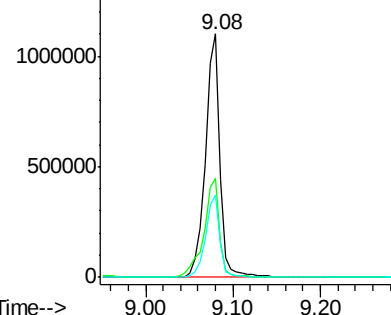
Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.4	50.0
164	33.7	27.0	40.6

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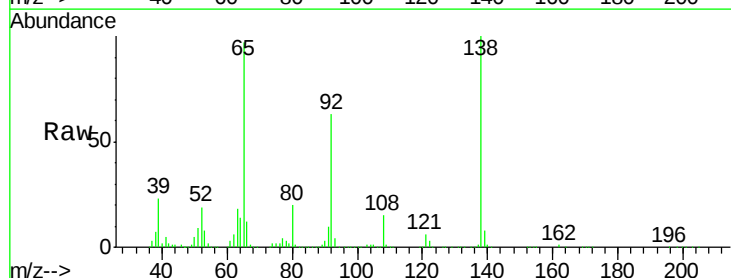


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

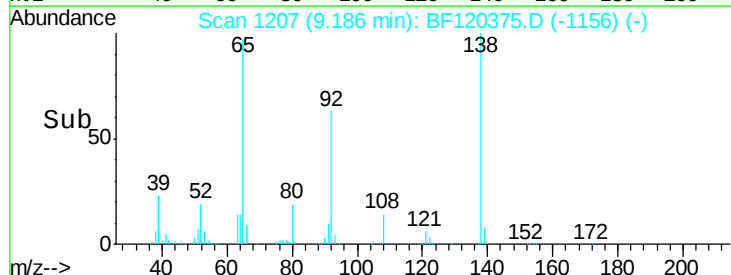
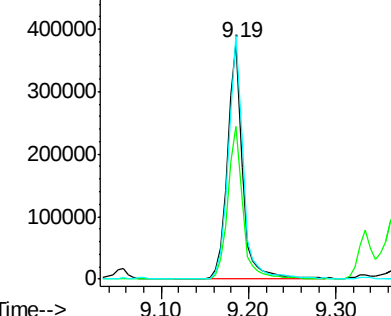


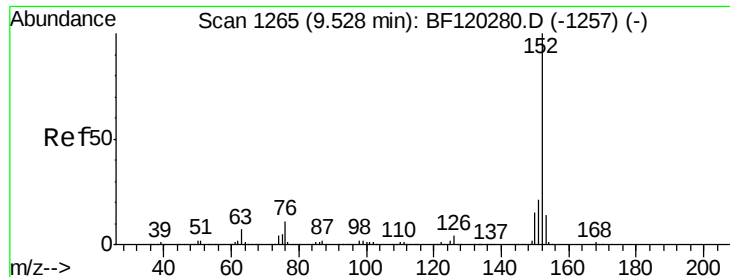
#48
 2-Nitroaniline
 Concen: 36.51 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.8	52.9	79.3
138	103.0	83.0	124.4



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.87 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_F

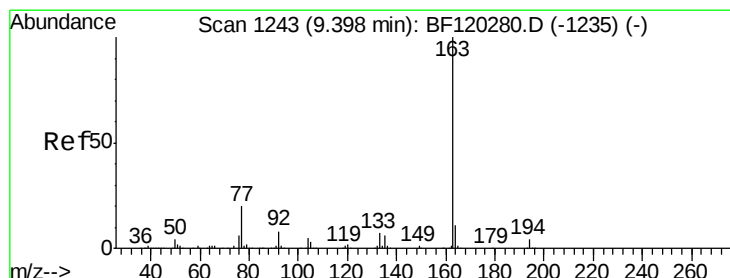
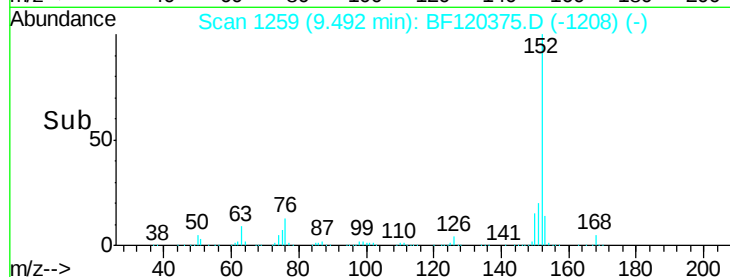
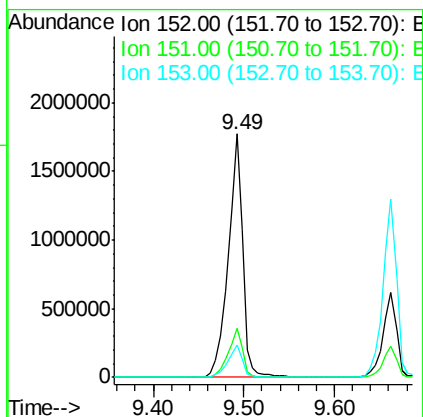
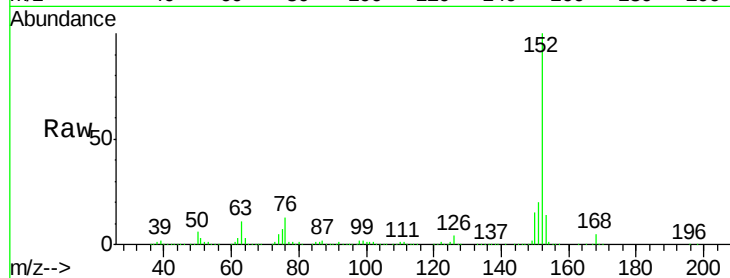
ClientSampleId :

HD-02-051920MS

Tgt Ion:	152	Resp:	1970157
Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.6	25.0
153	13.5	11.1	16.7

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#50

Dimethylphthalate

Concen: 37.96 ng

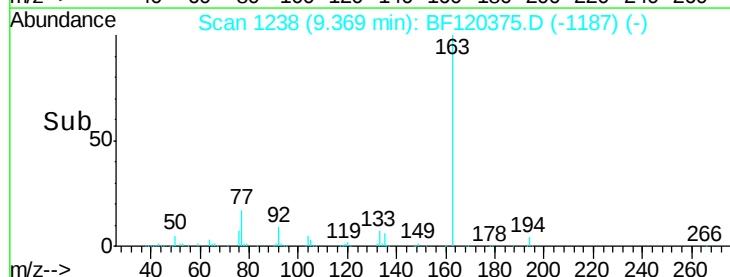
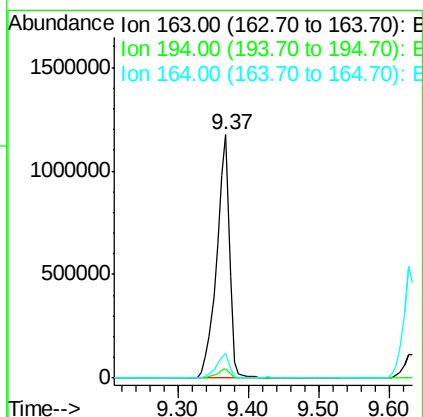
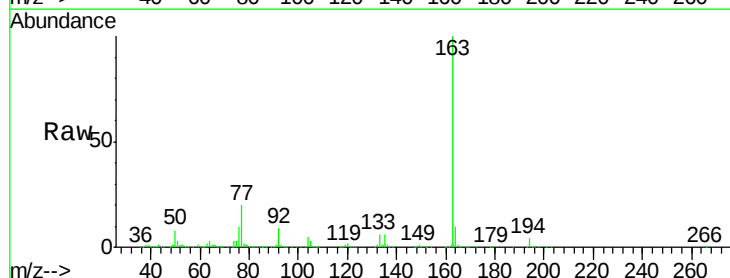
RT: 9.37 min Scan# 1238

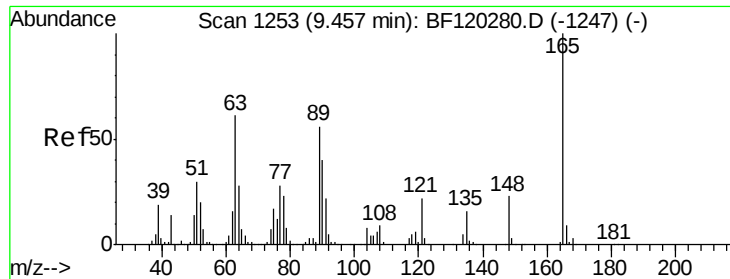
Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Tgt Ion:	163	Resp:	1476954
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.0	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 37.16 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_F

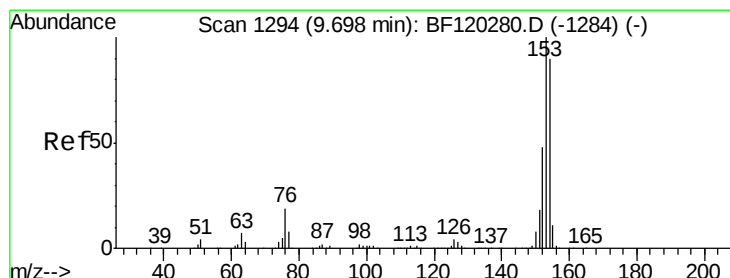
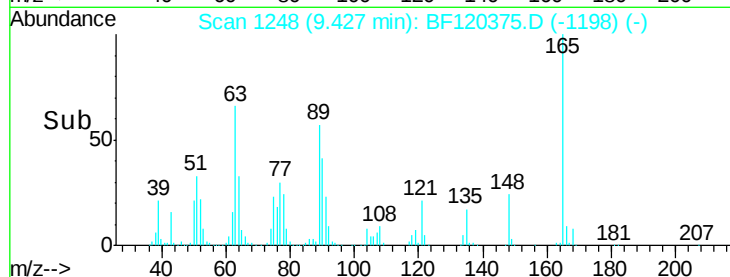
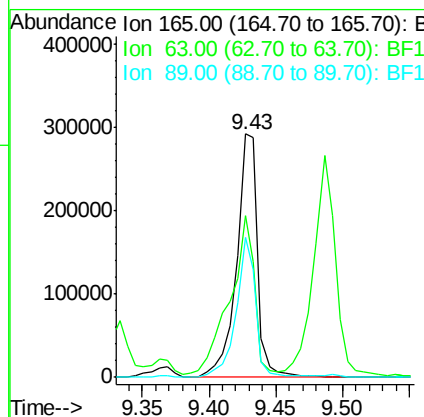
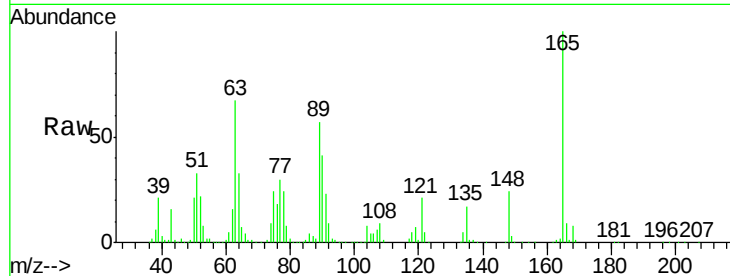
ClientSampleId :

HD-02-051920MS

Tgt Ion:	165	Resp:	322764
Ion Ratio	Lower	Upper	
165	100		
63	66.6	50.2	75.2
89	57.3	44.6	66.8

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#52

Acenaphthene

Concen: 40.62 ng

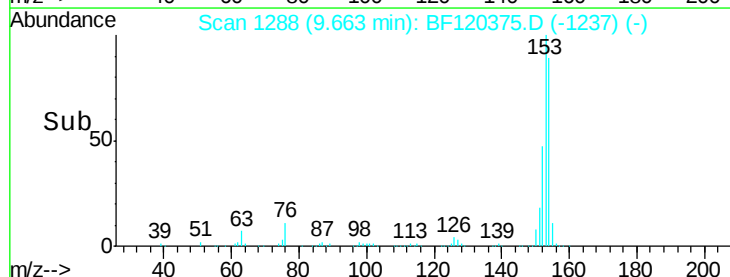
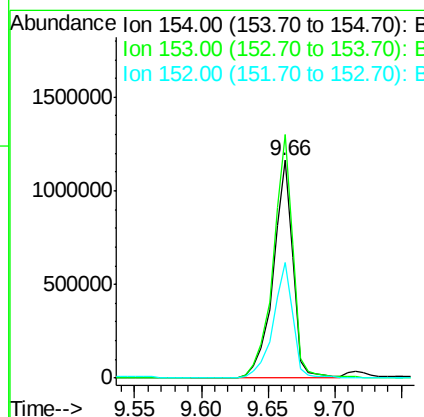
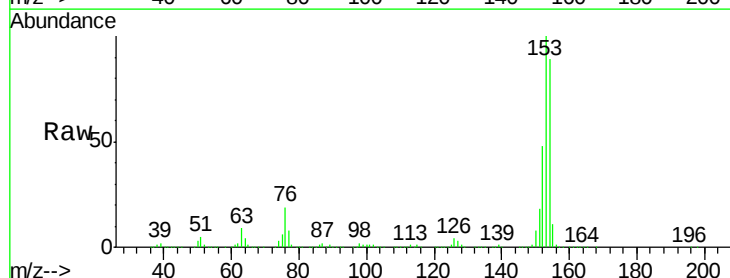
RT: 9.66 min Scan# 1288

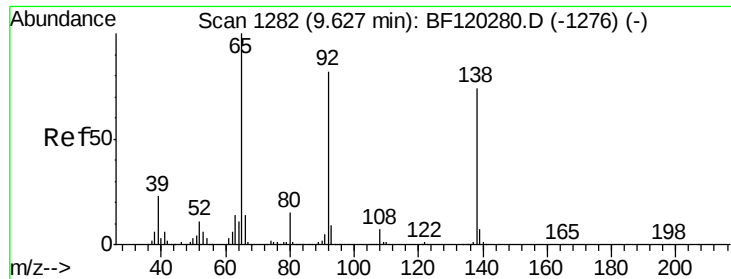
Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Tgt Ion:	154	Resp:	1203317
Ion Ratio	Lower	Upper	
154	100		
153	111.9	89.0	133.4
152	53.2	42.6	64.0





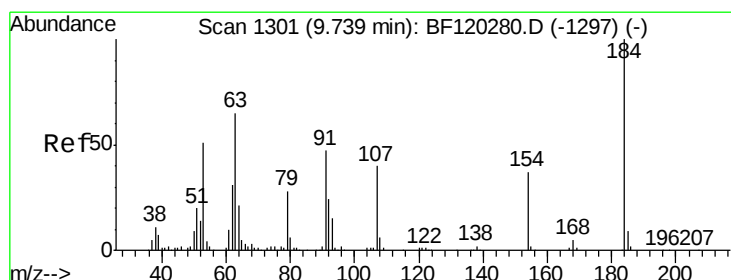
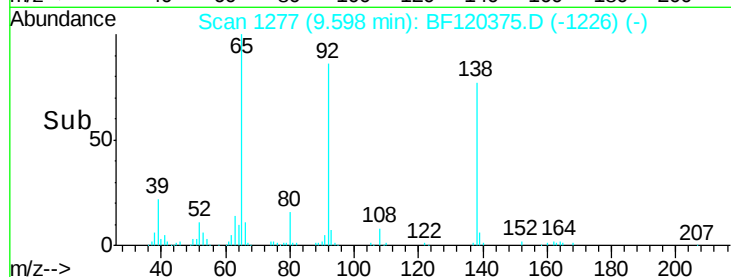
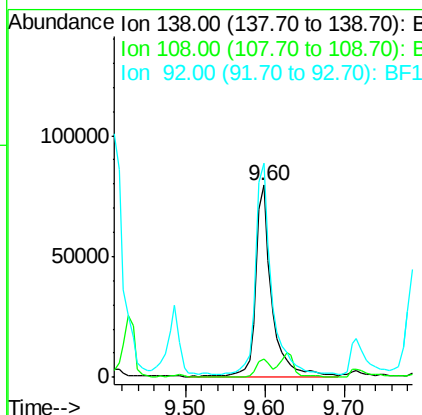
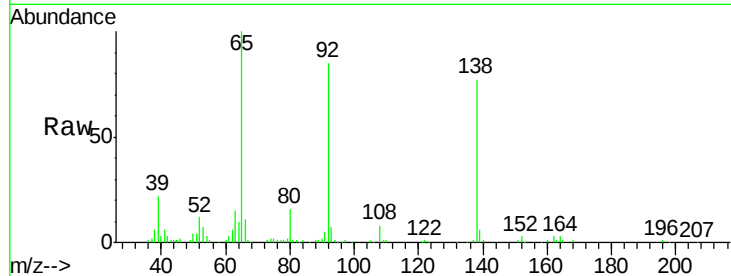
#53
3-Nitroaniline
Concen: 10.71 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Instrument :
BNA_F
ClientSampleId :
HD-02-051920MS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	110878		
108	9.8	8.2	12.2	
92	111.3	89.6	134.4	

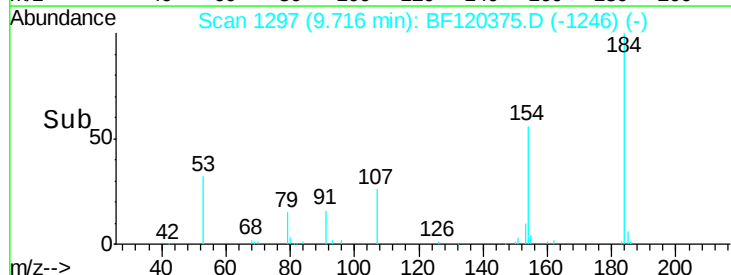
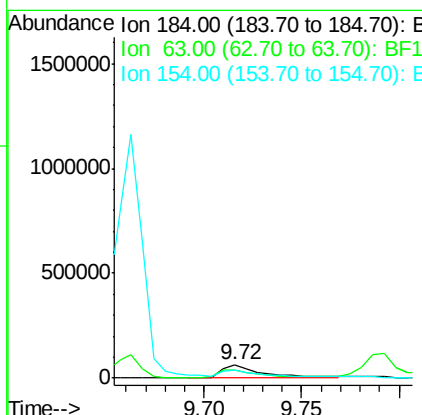
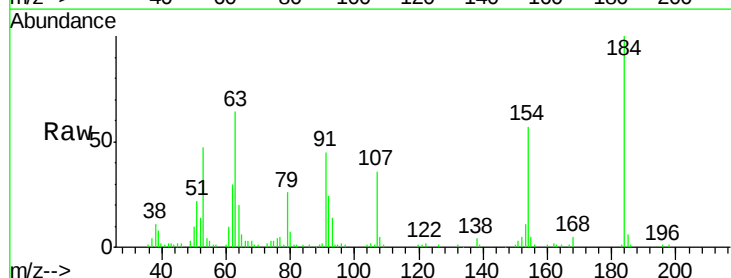
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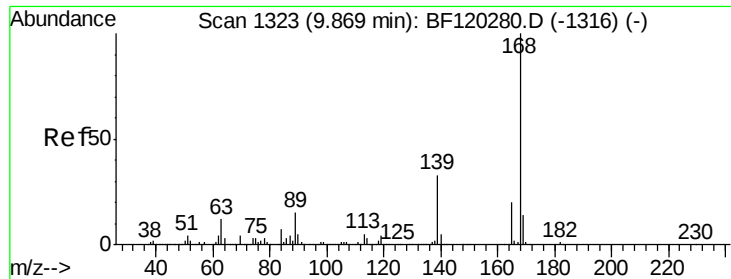
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#54
2,4-Dinitrophenol
Concen: 22.60 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	92659		
63	63.5	53.6	80.4	
154	56.7	46.8	70.2	





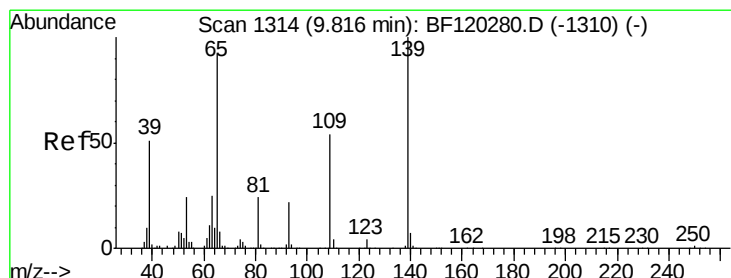
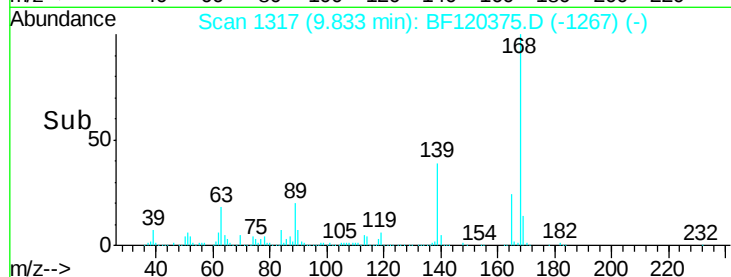
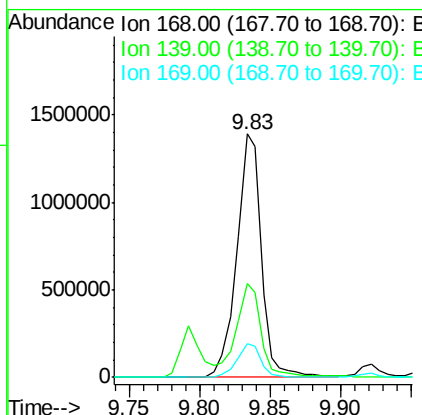
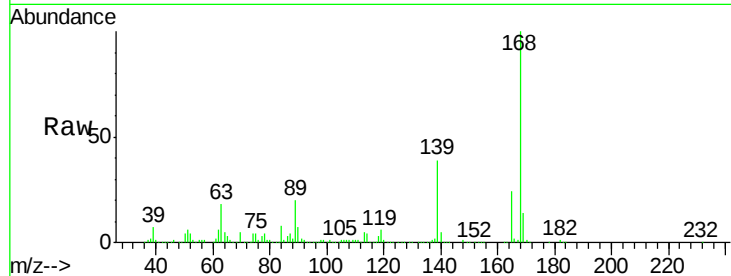
#55
Dibenzofuran
Concen: 39.53 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Instrument :
BNA_F
ClientSampleId :
HD-02-051920MS

Tgt Ion:168 Resp: 1686209
Ion Ratio Lower Upper
168 100
139 38.7 29.8 44.6
169 14.1 11.0 16.6

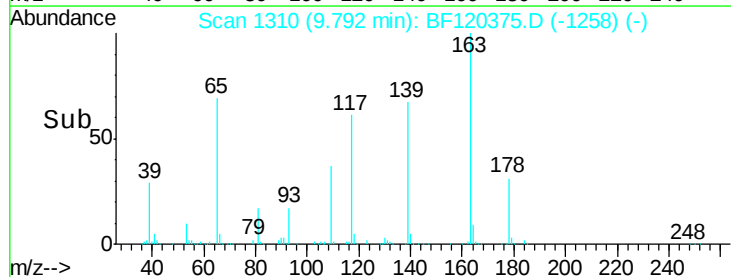
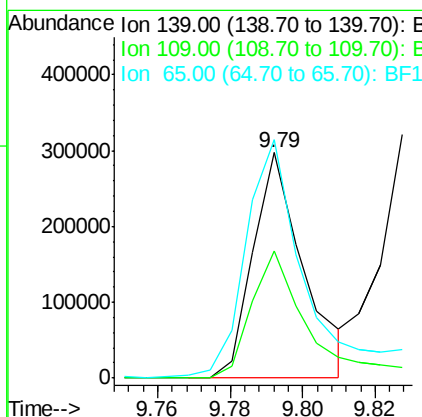
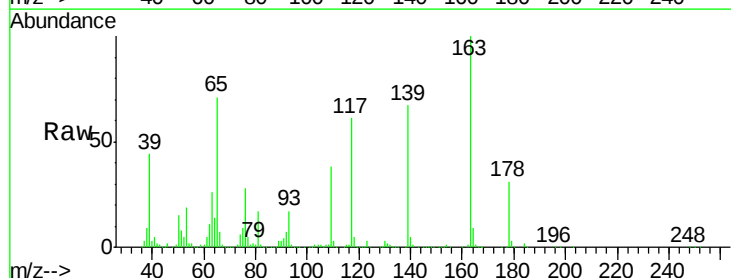
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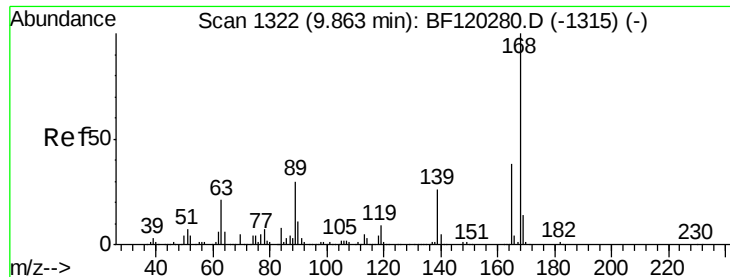
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#56
4-Nitrophenol
Concen: 51.59 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion:139 Resp: 287076
Ion Ratio Lower Upper
139 100
109 56.3 34.6 74.6
65 105.5 73.3 113.3





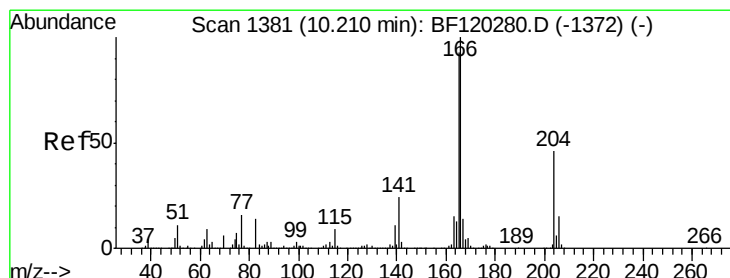
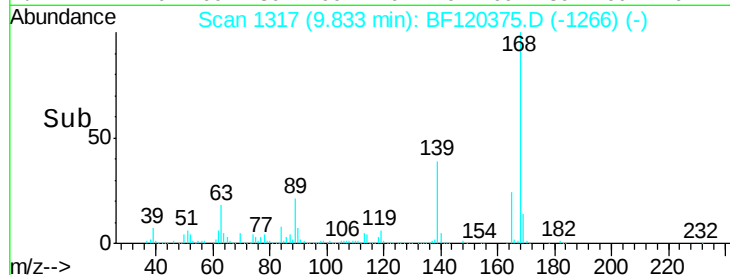
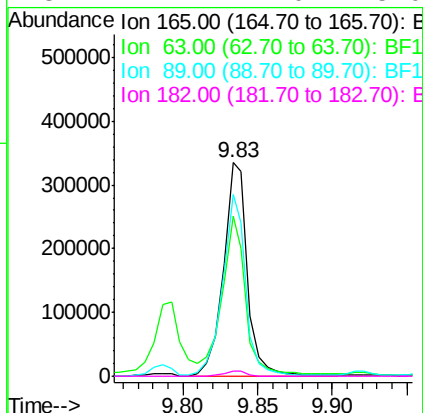
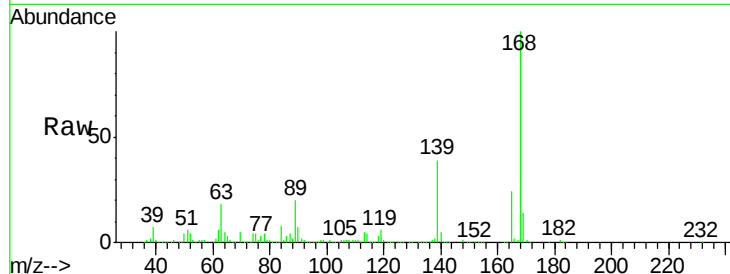
#57
 2,4-Dinitrotoluene
 Concen: 37.23 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-051920MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	379344		
63	75.0	51.8	77.8	
89	85.1	64.2	96.4	
182	2.2	2.0	3.0	

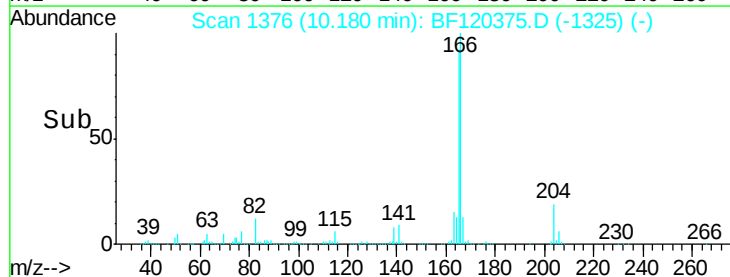
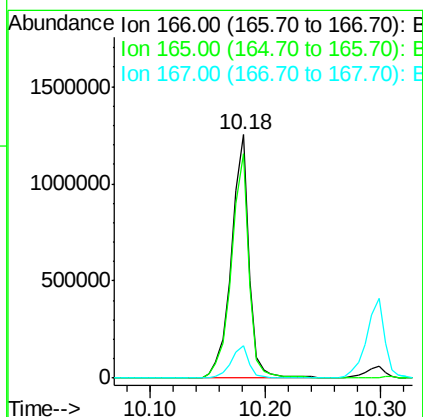
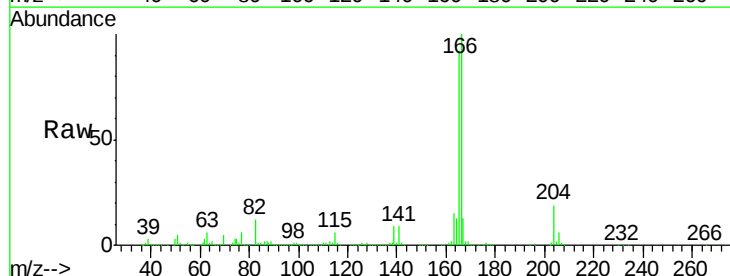
Manual Integrations
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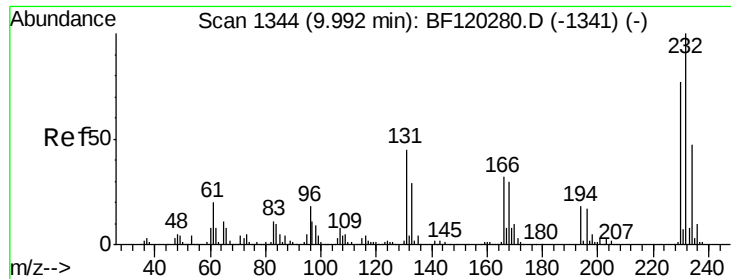
mohammad
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#58
 Fluorene
 Concen: 40.75 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1323965		
165	92.2	74.7	112.1	
167	13.2	11.4	17.0	





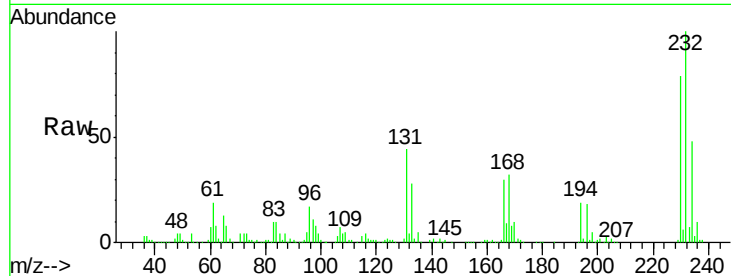
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.93 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-051920MS

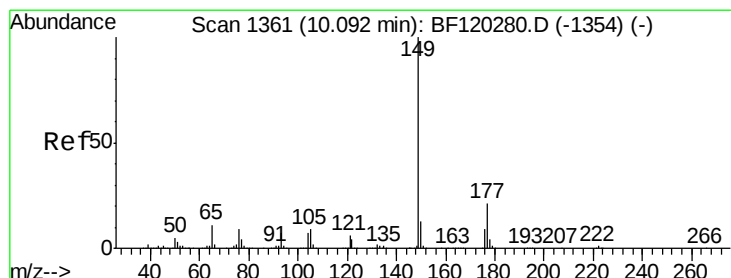
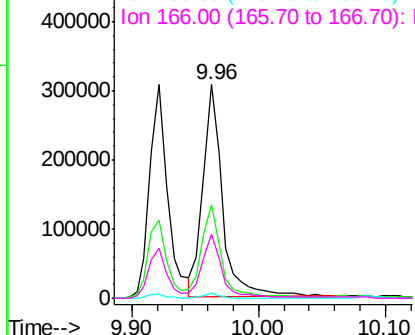
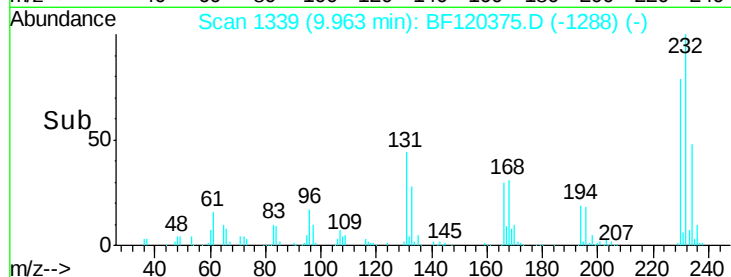
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	332500		
131	43.5		34.1	51.1
130	2.4		1.7	2.5
166	29.8		23.3	34.9

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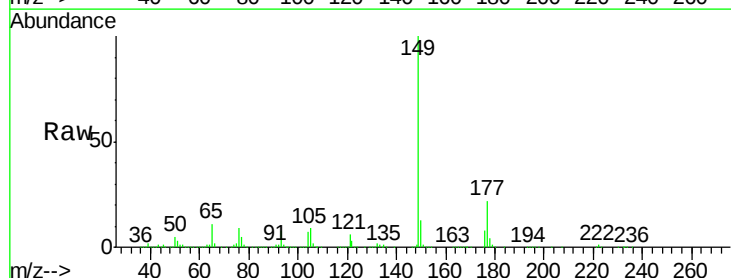


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

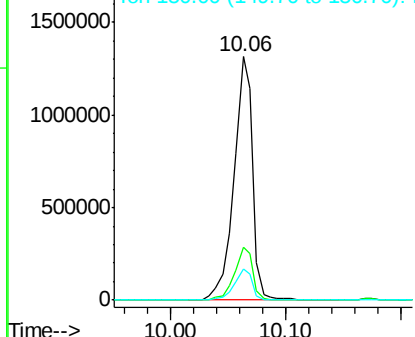
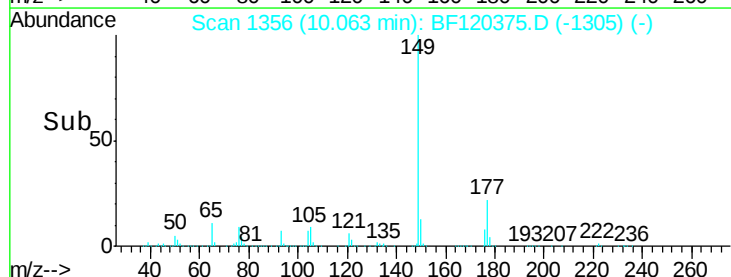


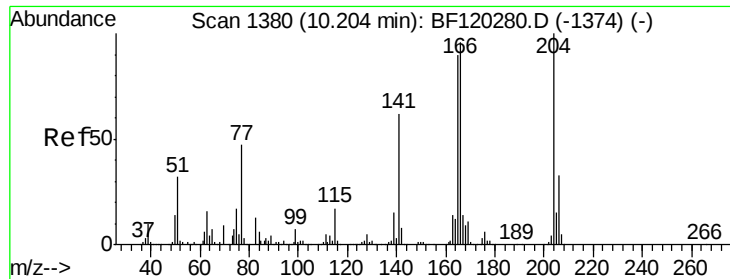
#60
 Diethylphthalate
 Concen: 38.76 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1456133		
177	21.7		17.1	25.7
150	12.7		10.3	15.5



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





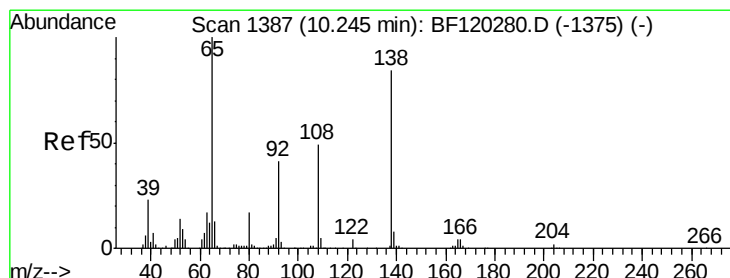
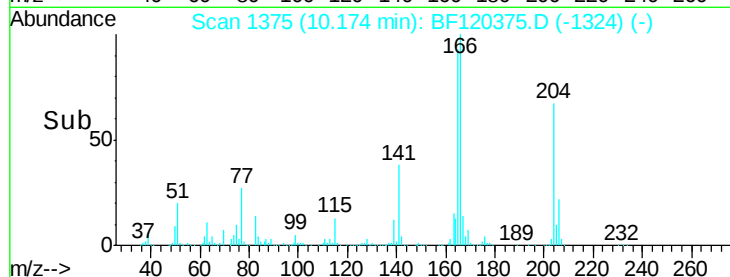
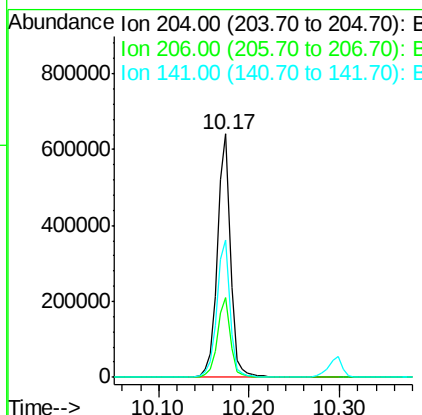
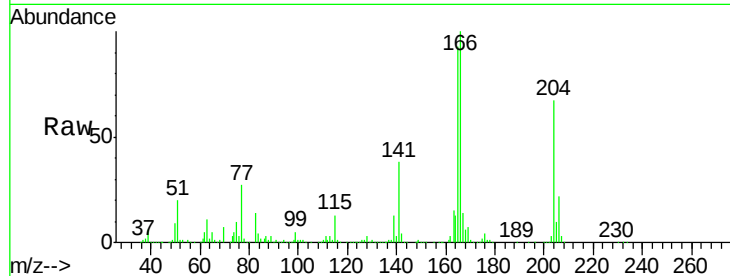
#61
4-Chlorophenyl-phenylether
Concen: 37.90 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Instrument :
BNA_F
ClientSampleId :
HD-02-051920MS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	640186		
206	32.9	26.8	40.2	
141	56.3	49.5	74.3	

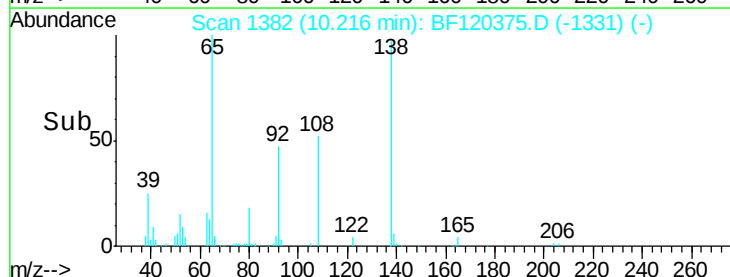
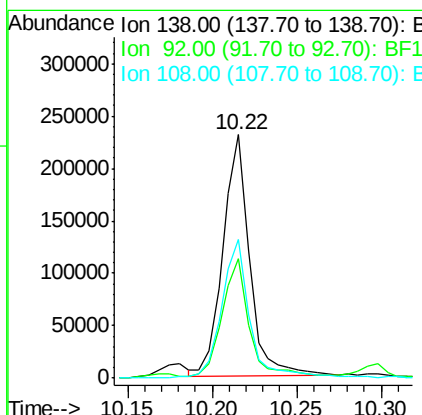
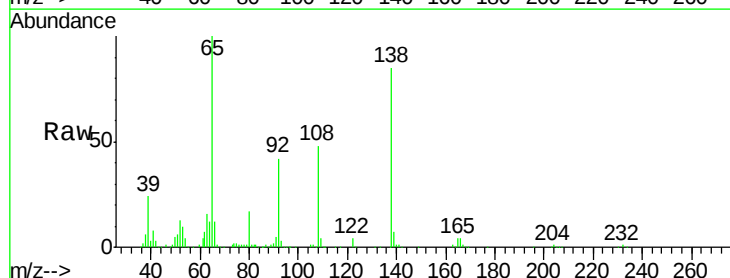
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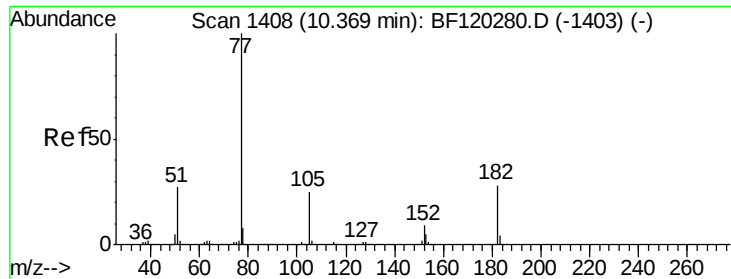
mohammad
5/21/2020 10:23:00 AM



#62
4-Nitroaniline
Concen: 26.37 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	254307		
92	49.2	28.9	68.9	
108	57.0	38.4	78.4	





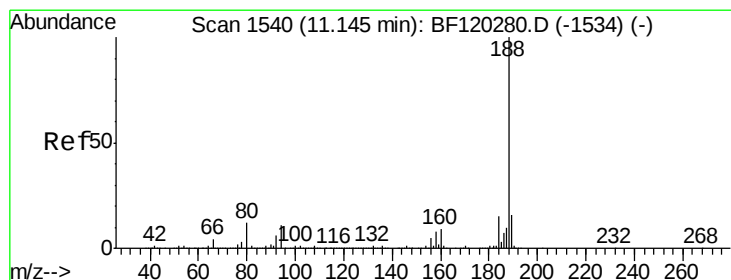
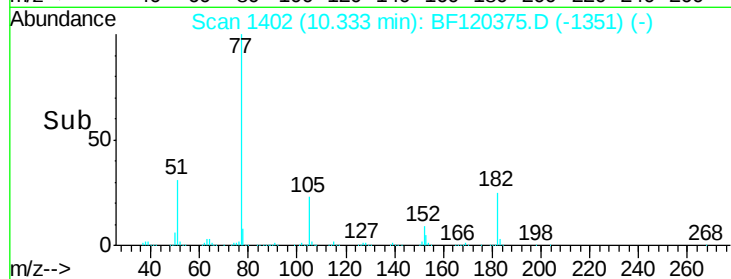
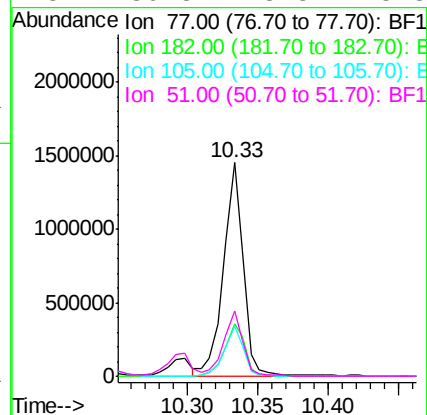
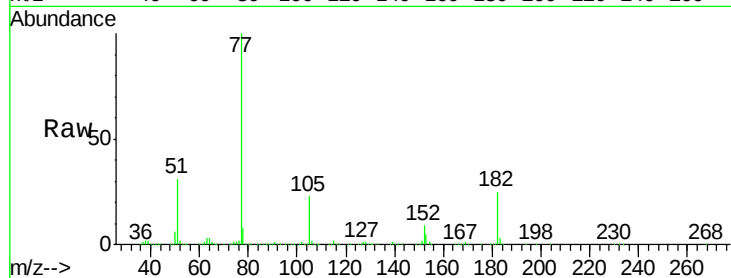
#63
Azobenzene
Concen: 39.43 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Instrument :
BNA_F
ClientSampleId :
HD-02-051920MS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.7	7.4	47.4
105	23.2	4.4	44.4
51	30.8	8.3	48.3

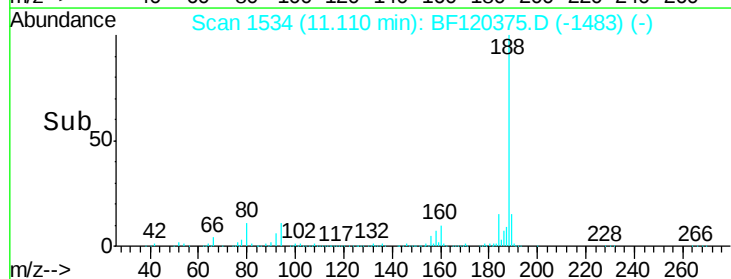
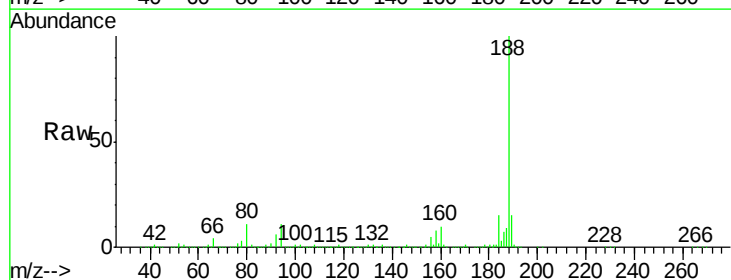
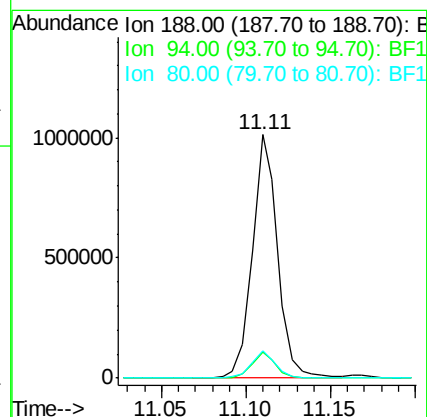
Manual Integrations
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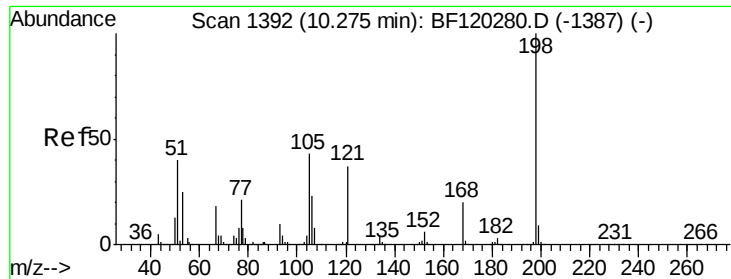
mohammad
5/21/2020 10:23:00 AM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.6	13.0
80	11.3	9.2	13.8





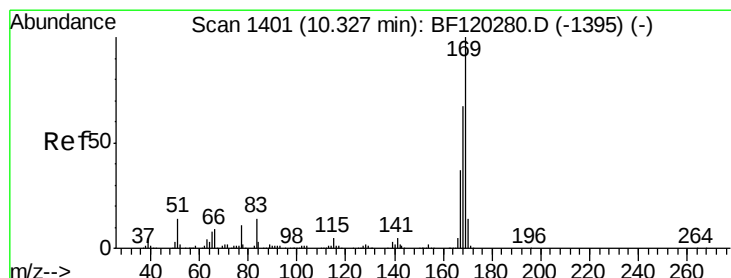
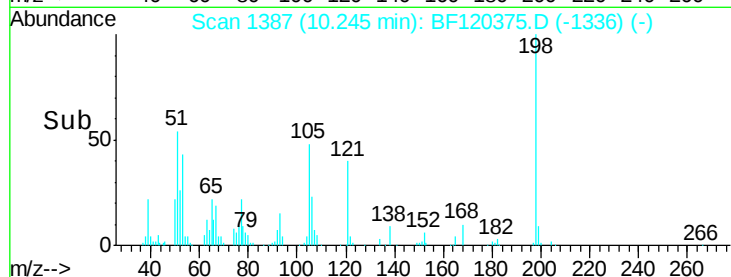
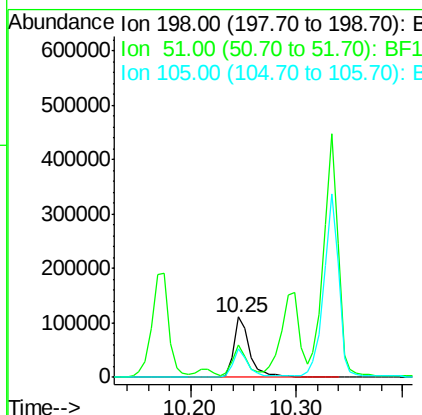
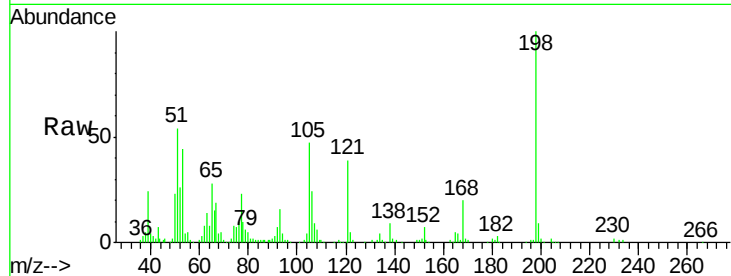
#65
4,6-Dinitro-2-methylphenol
Concen: 22.16 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Instrument :
BNA_F
ClientSampleId :
HD-02-051920MS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	118179		
51	54.3	27.1	67.1	
105	47.1	24.3	64.3	

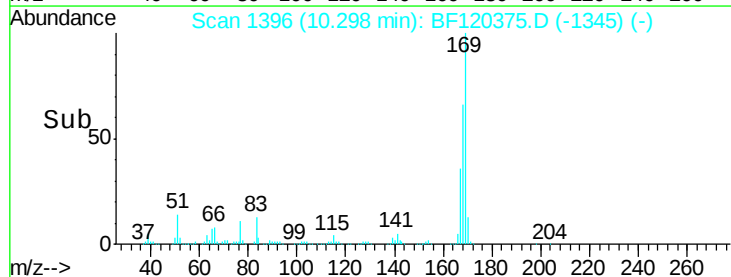
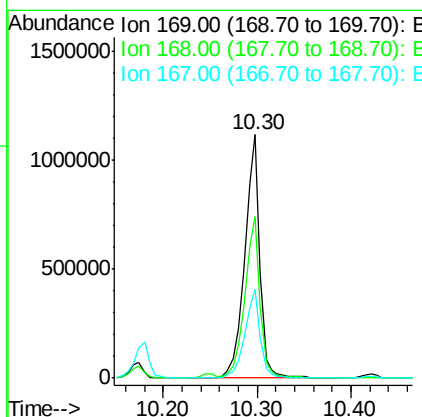
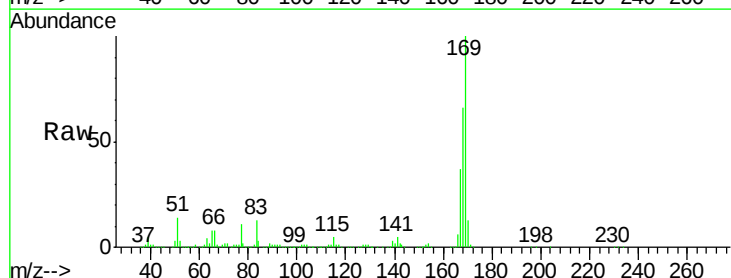
Manual Integrations
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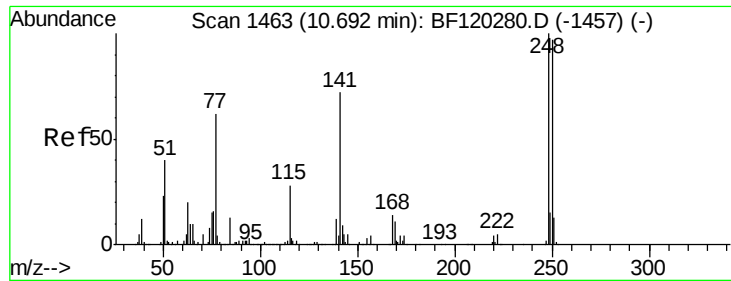
mohammad
5/21/2020 10:23:00 AM



#66
n-Nitrosodiphenylamine
Concen: 42.57 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1241757		
168	66.3	53.7	80.5	
167	36.6	29.8	44.6	





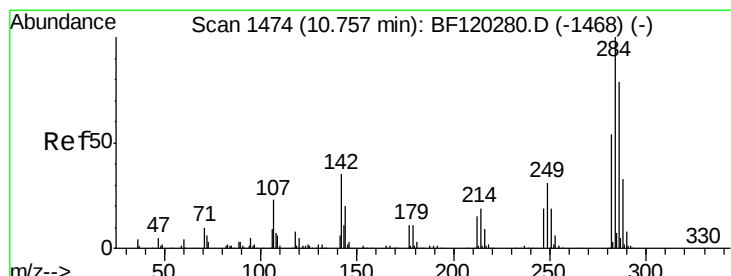
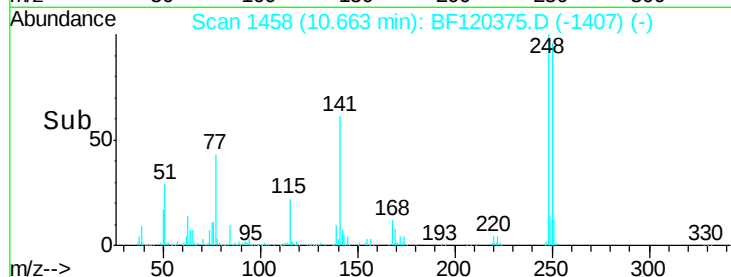
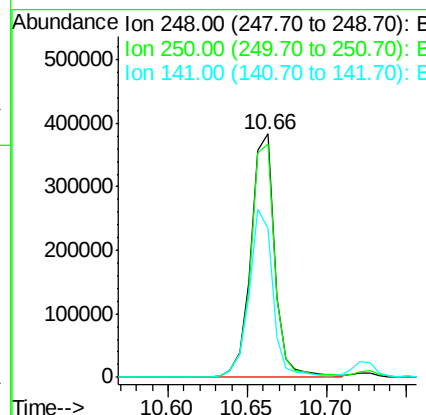
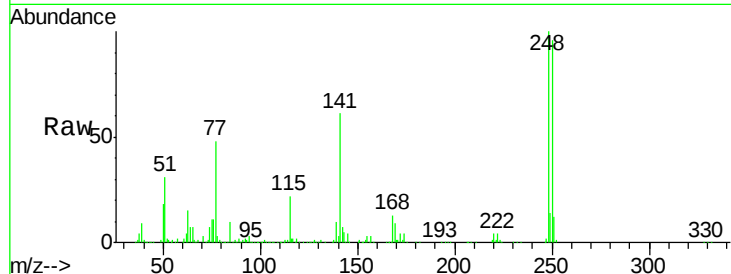
#67
 4-Bromophenyl-phenylether
 Concen: 39.19 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-051920MS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.8	116.6
141	60.9	57.7	86.5

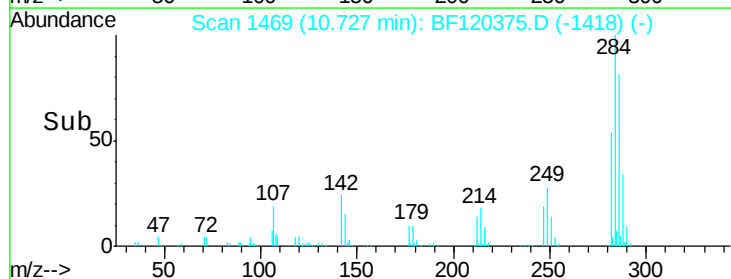
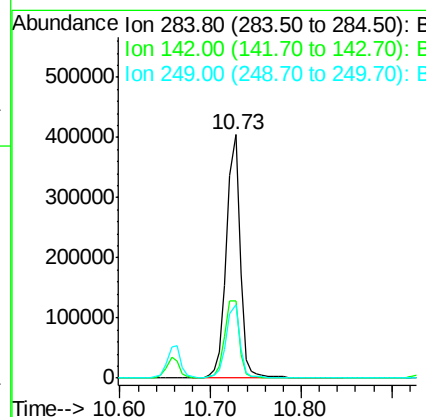
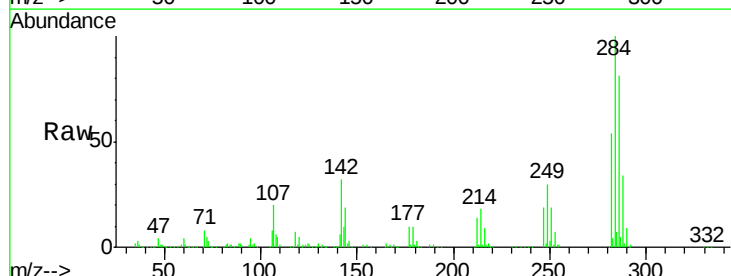
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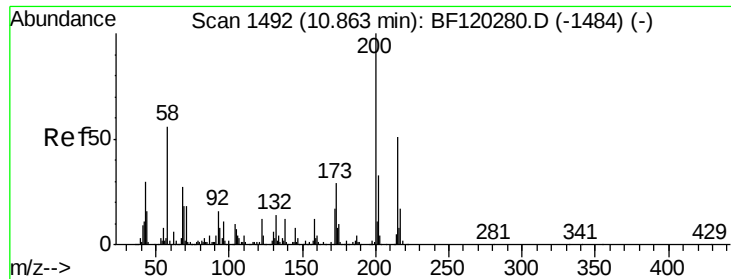
mohammad
 5/21/2020 10:23:00 AM



#68
 Hexachlorobenzene
 Concen: 39.87 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.5	28.5	42.7
249	30.0	24.8	37.2





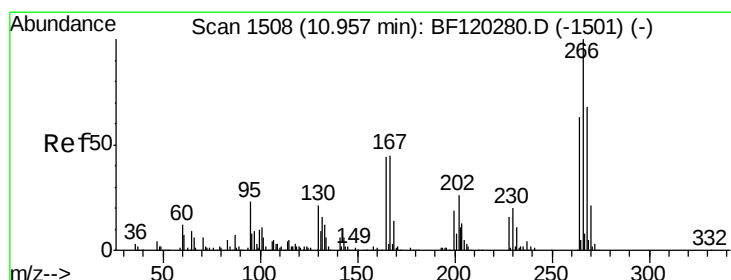
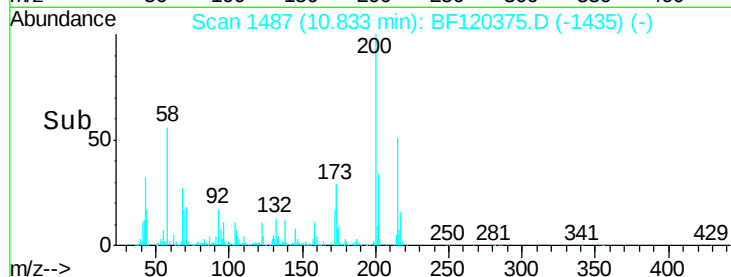
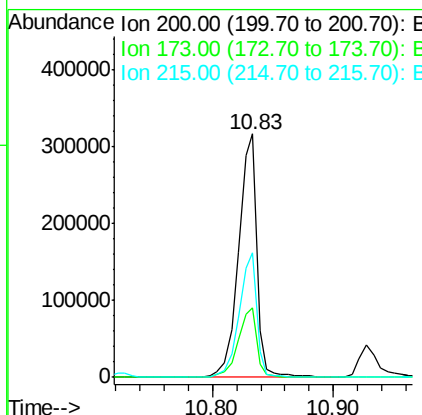
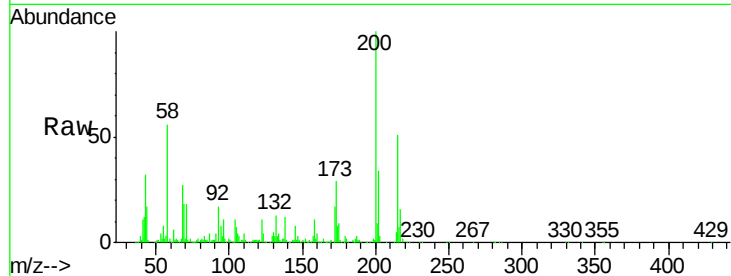
#69
Atrazine
Concen: 38.40 ng
RT: 10.83 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Instrument :
BNA_F
ClientSampleId :
HD-02-051920MS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	335180		
173	28.8	8.7	48.7	
215	51.1	30.6	70.6	

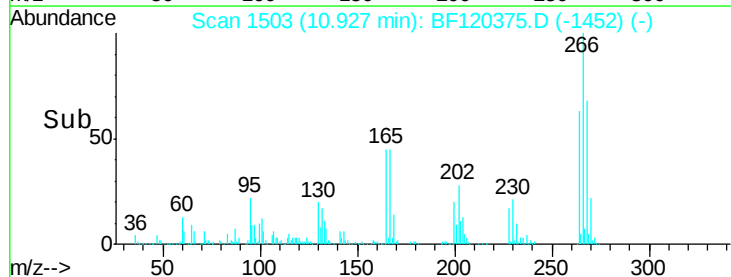
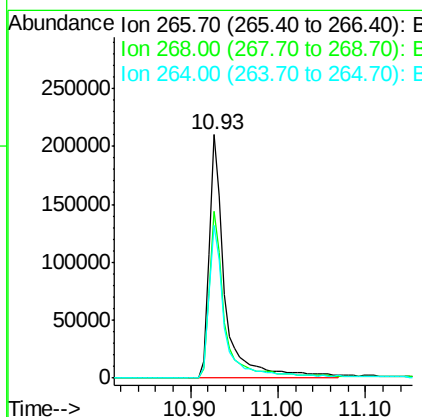
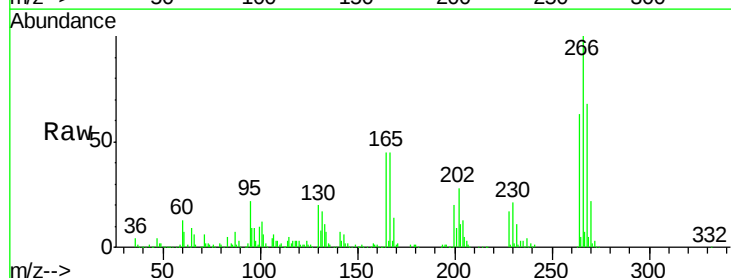
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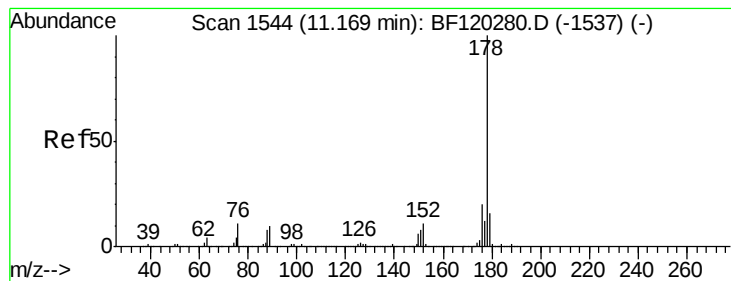
mohammad
5/21/2020 10:23:00 AM



#70
Pentachlorophenol
Concen: 58.42 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	265947		
268	68.5	54.2	81.4	
264	62.8	50.2	75.4	





#71

Phenanthrene

Concen: 41.30 ng

RT: 11.14 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_F

ClientSampleId :

HD-02-051920MS

Tgt Ion:178 Resp: 1829704

Ion Ratio Lower Upper

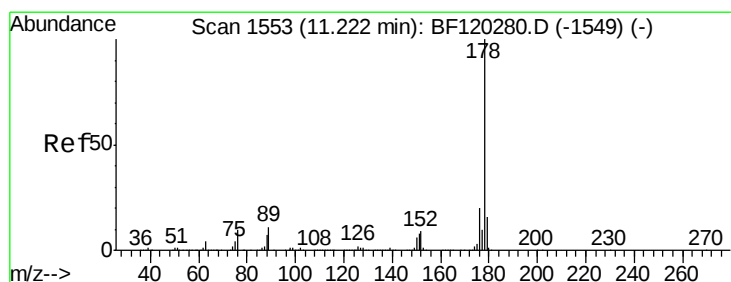
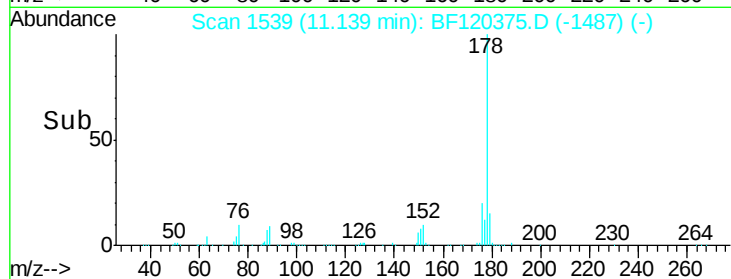
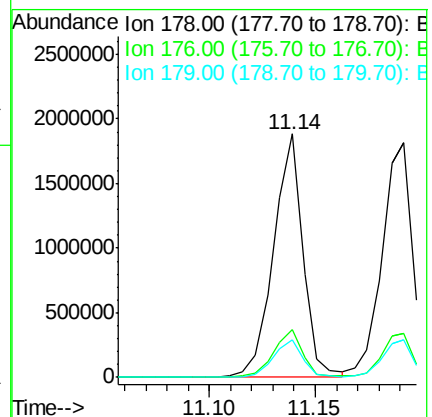
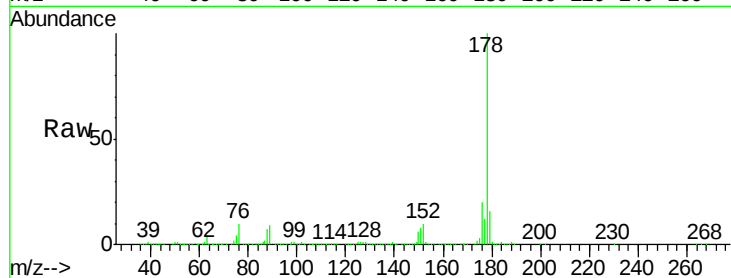
178 100

176 19.7 15.8 23.8

179 15.5 12.8 19.2

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mohammad
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#72

Anthracene

Concen: 41.39 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

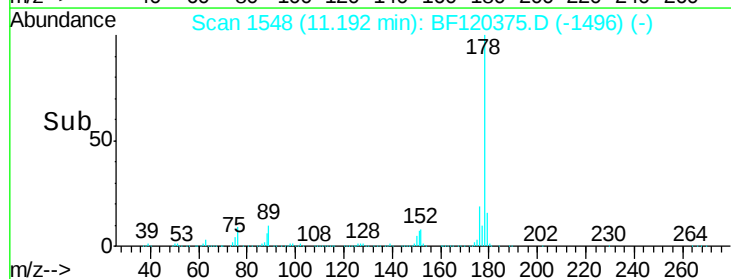
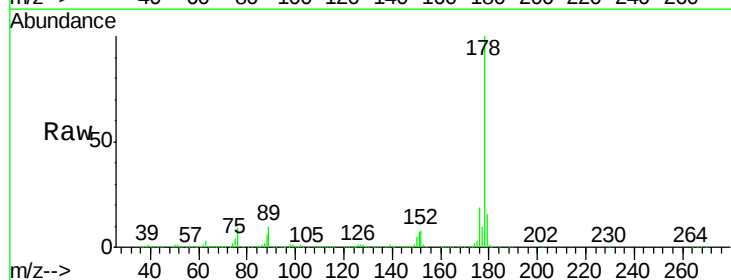
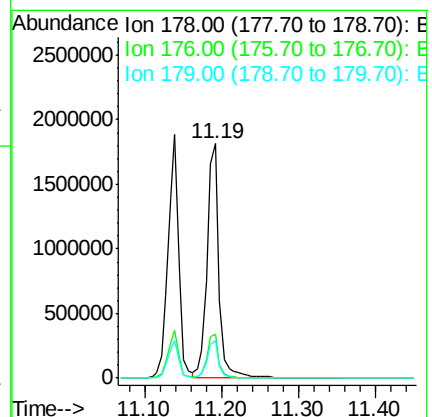
Tgt Ion:178 Resp: 1962871

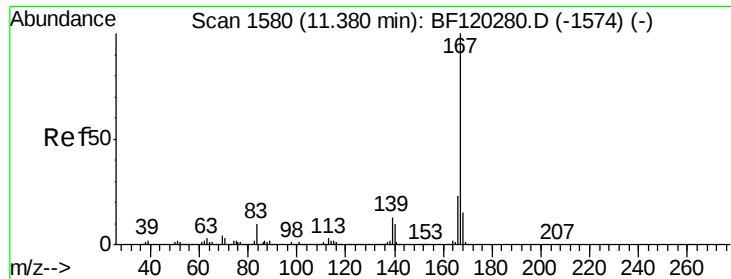
Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

179 15.8 13.0 19.6





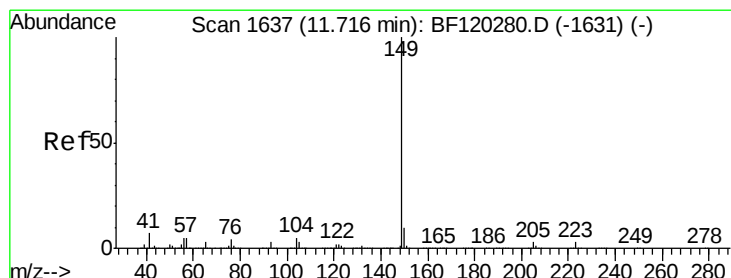
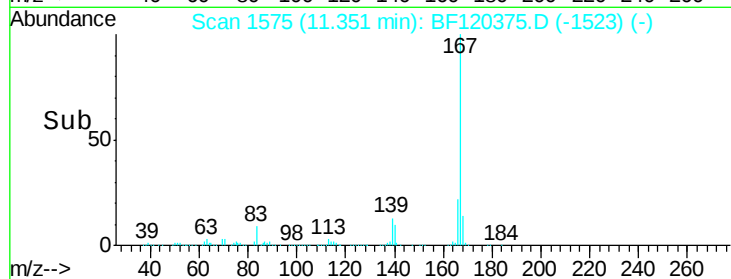
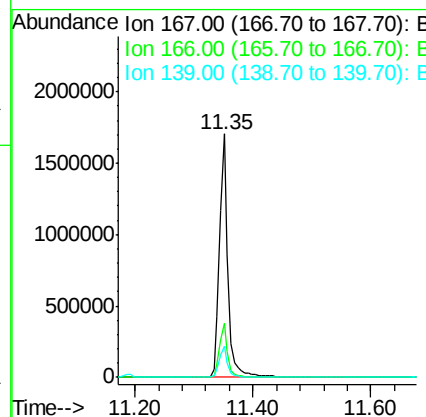
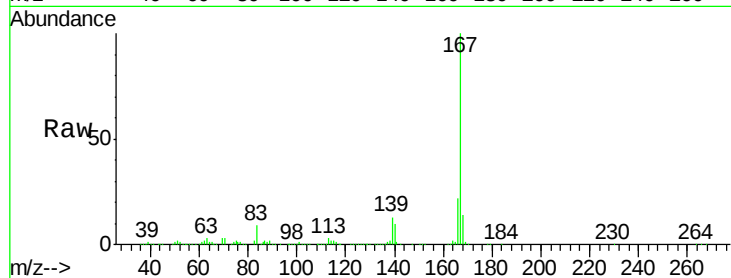
#73
 Carbazole
 Concen: 39.02 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.01 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-051920MS

Tgt Ion:167 Resp: 1729224
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 12.5 10.6 15.8

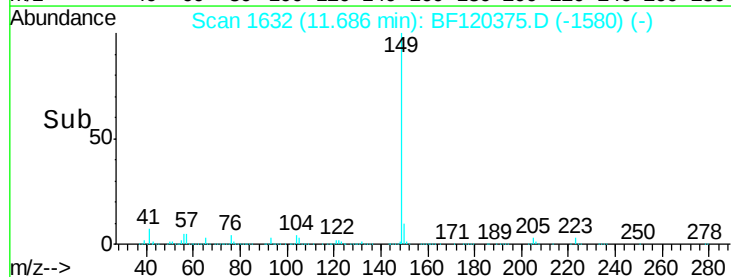
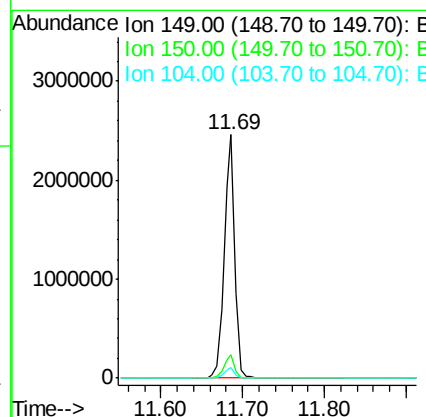
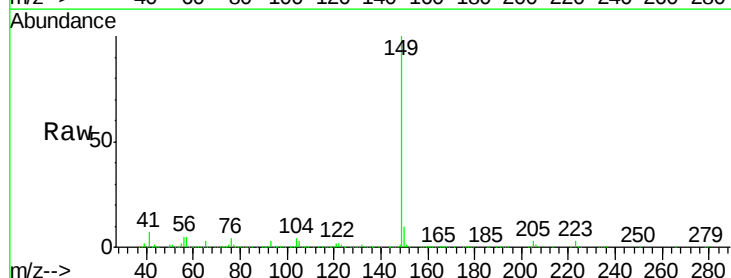
Manual Integrations
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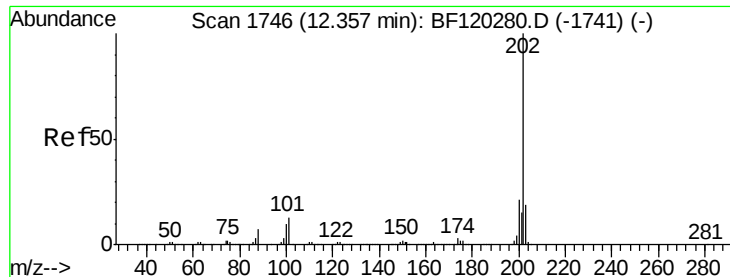
mohammad
 5/21/2020 10:23:00 AM



#74
 Di-n-butylphthalate
 Concen: 41.45 ng
 RT: 11.69 min Scan# 1632
 Delta R.T. 0.01 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Tgt Ion:149 Resp: 2213989
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.2 12.4
 104 4.5 3.8 5.8





#75

Fluoranthene

Concen: 41.47 ng

RT: 12.32 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_F

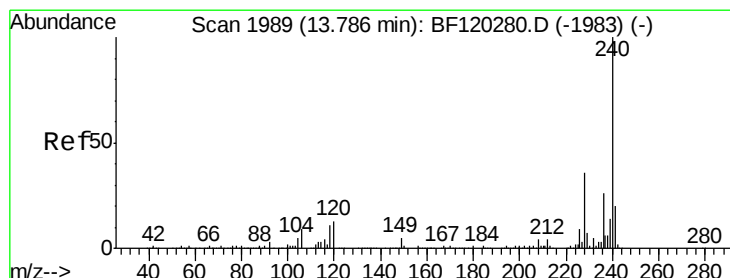
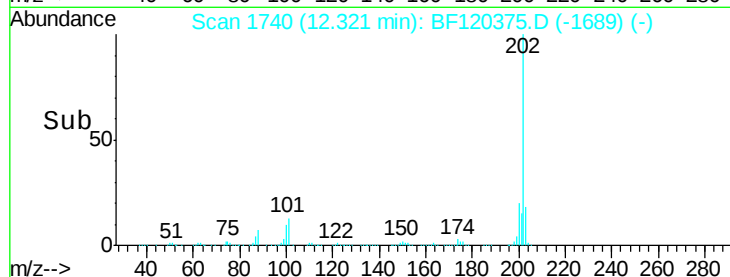
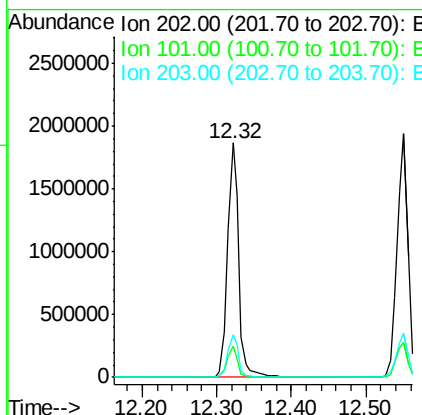
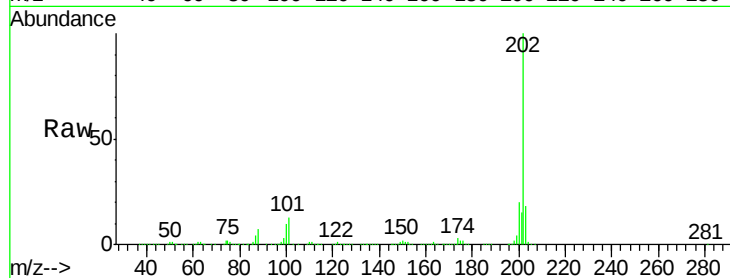
ClientSampleId :

HD-02-051920MS

Tgt Ion:	202	Resp:	1968991
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	33.2
203	18.4	0.0	39.1

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#76

Chrysene-d12

Concen: 20.00 ng

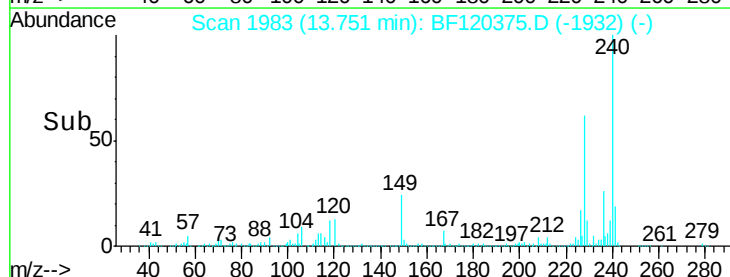
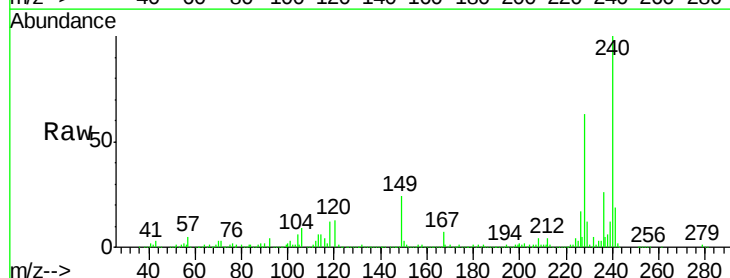
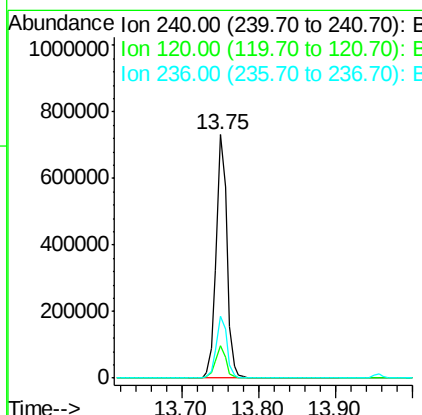
RT: 13.75 min Scan# 1983

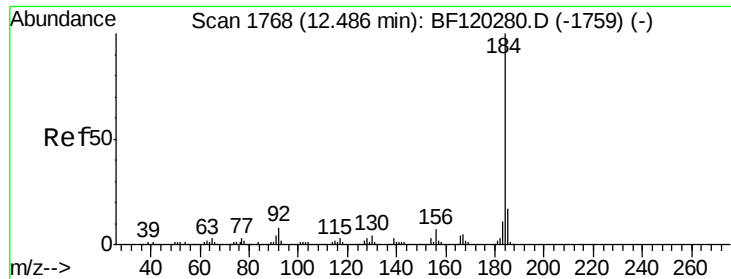
Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Tgt Ion:	240	Resp:	693241
Ion Ratio	Lower	Upper	
240	100		
120	13.3	10.4	15.6
236	25.6	21.0	31.6





#77

Benzidine

Concen: 19.26 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_F

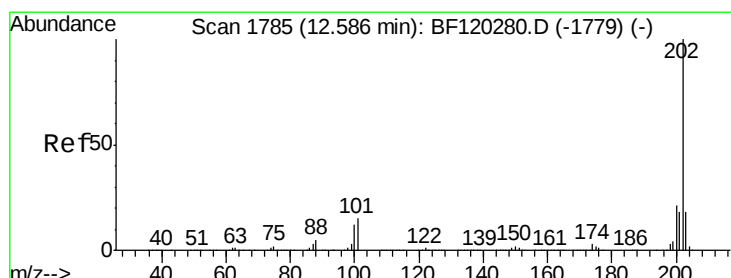
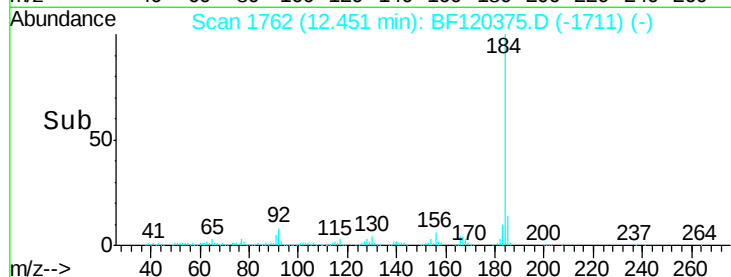
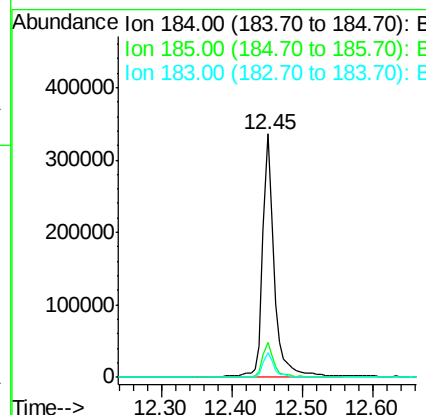
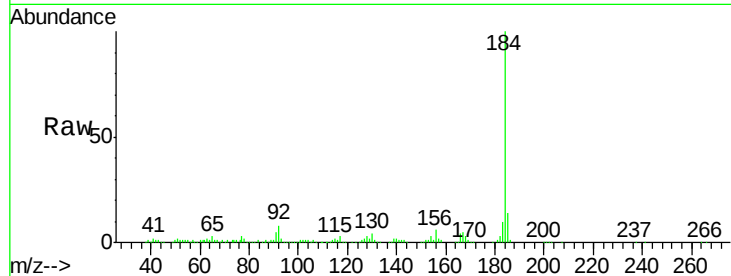
ClientSampleId :

HD-02-051920MS

Tgt Ion:	184	Resp:	389836
Ion Ratio	Lower	Upper	
184	100		
185	14.3	13.7	20.5
183	10.0	8.7	13.1

Manual Integrations
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#78

Pyrene

Concen: 39.94 ng

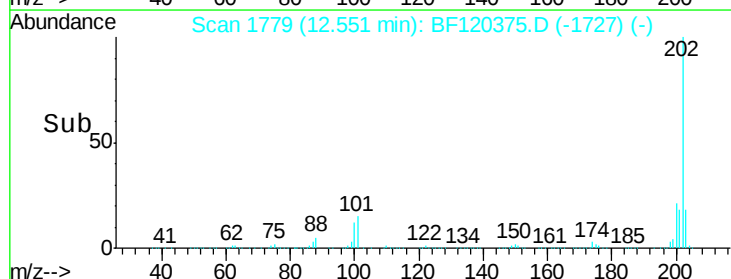
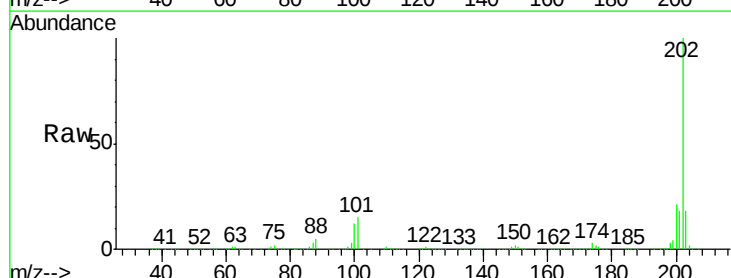
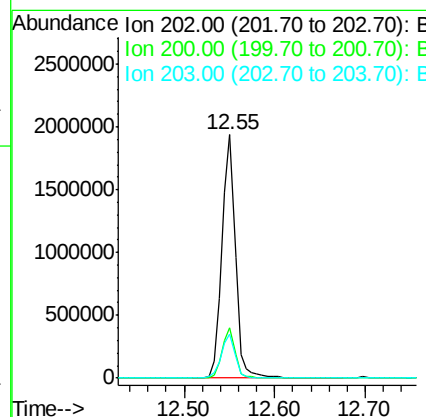
RT: 12.55 min Scan# 1779

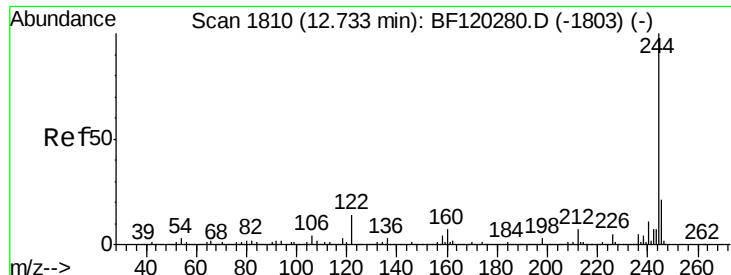
Delta R.T. 0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Tgt Ion:	202	Resp:	1973897
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.6	25.0
203	18.3	14.6	22.0





#79

Terphenyl-d14

Concen: 95.66 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_F

ClientSampleId :

HD-02-051920MS

Tgt Ion:244 Resp: 3001742

Ion Ratio Lower Upper

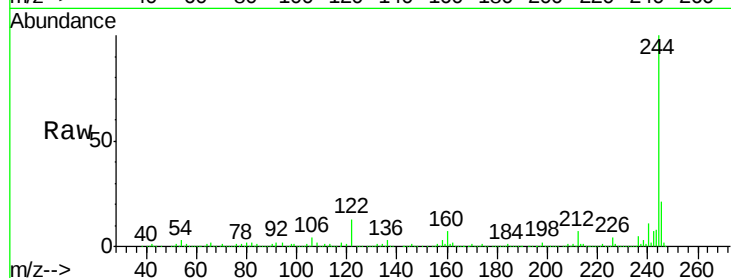
244 100

212 6.8 5.8 8.6

122 12.8 10.8 16.2

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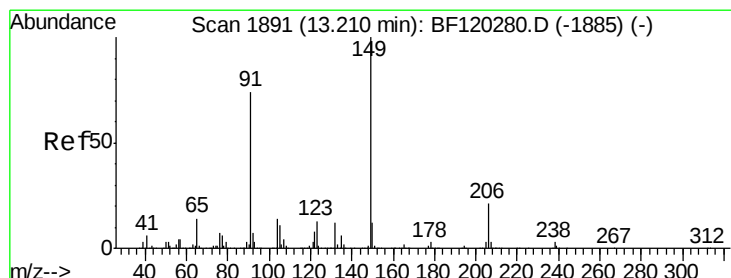
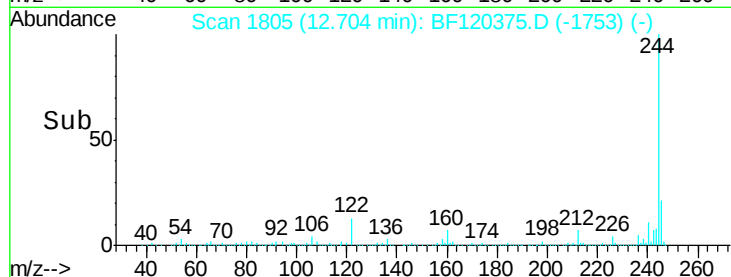
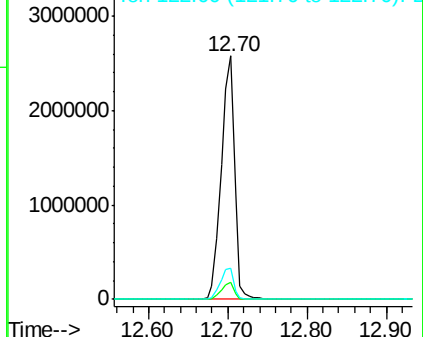
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.15 ng

RT: 13.18 min Scan# 1886

Delta R.T. 0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

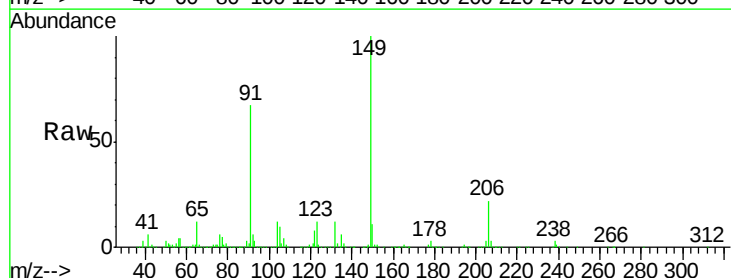
Tgt Ion:149 Resp: 887799

Ion Ratio Lower Upper

149 100

91 66.6 59.0 88.4

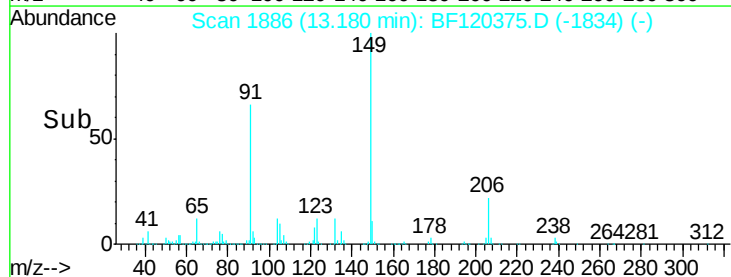
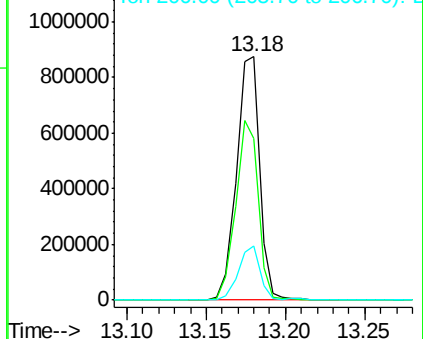
206 22.4 16.8 25.2

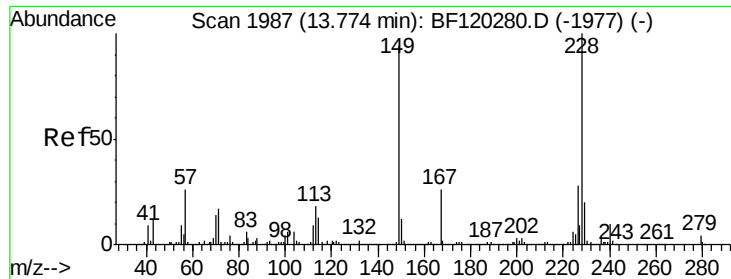


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.54 ng

RT: 13.74 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_F

ClientSampleId :

HD-02-051920MS

Tgt Ion:228 Resp: 1445692

Ion Ratio Lower Upper

228 100

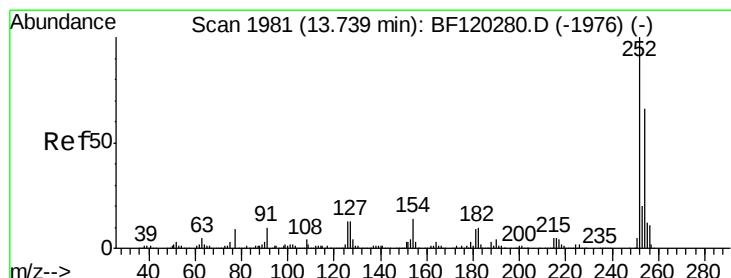
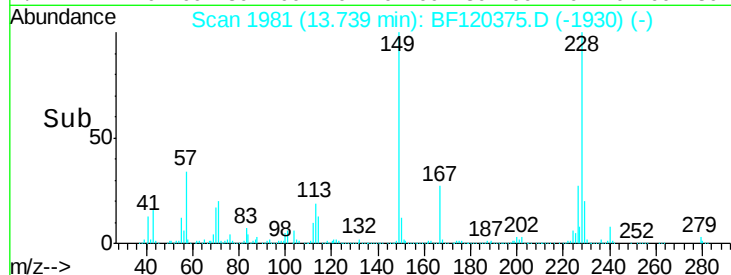
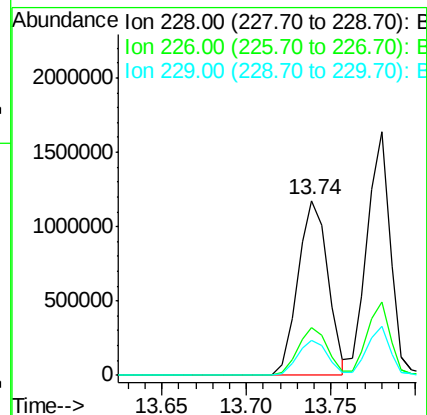
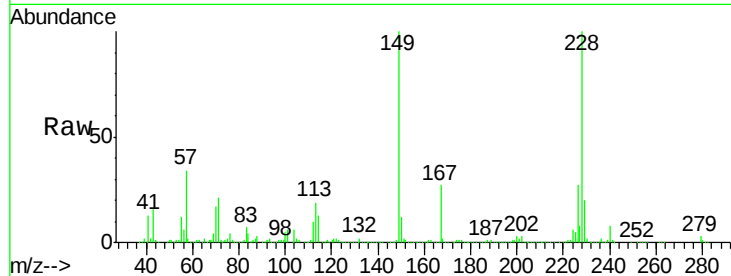
226 27.5 22.6 33.8

229 20.1 16.4 24.6

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 18.92 ng

RT: 13.71 min Scan# 1976

Delta R.T. 0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

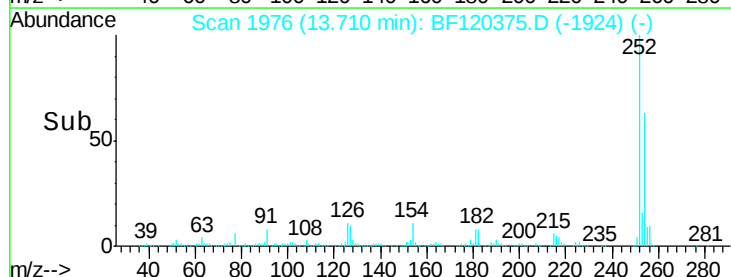
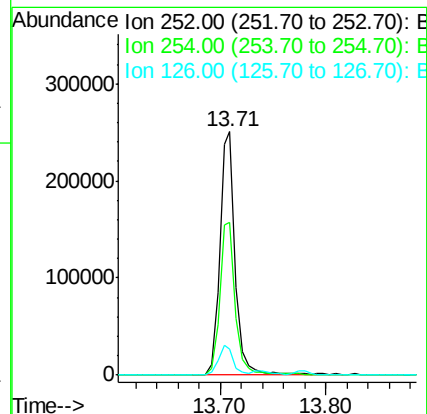
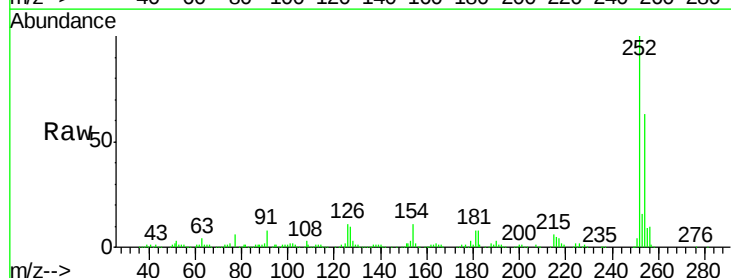
Tgt Ion:252 Resp: 260689

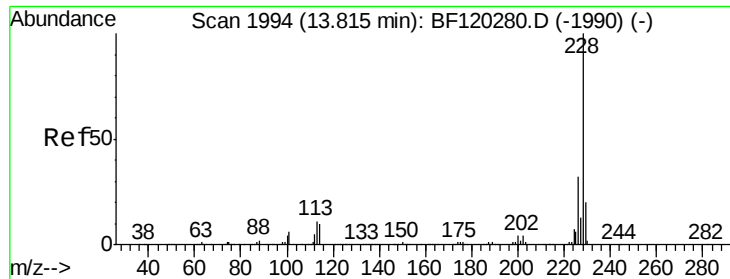
Ion Ratio Lower Upper

252 100

254 62.8 52.6 78.8

126 10.8 10.7 16.1





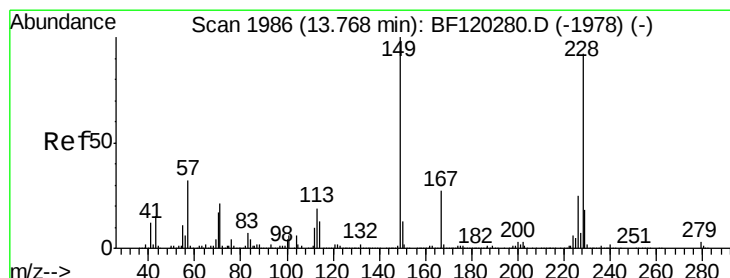
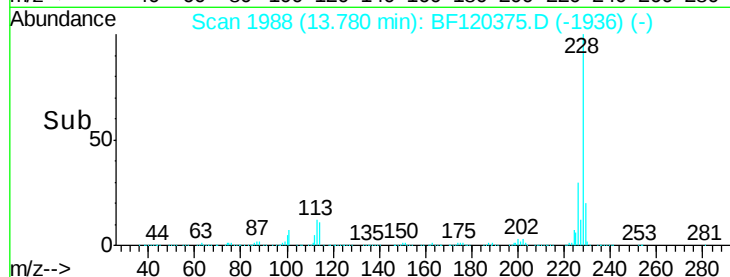
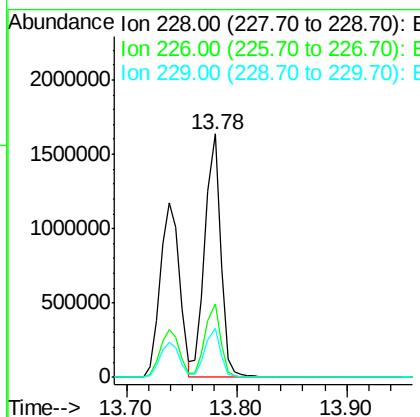
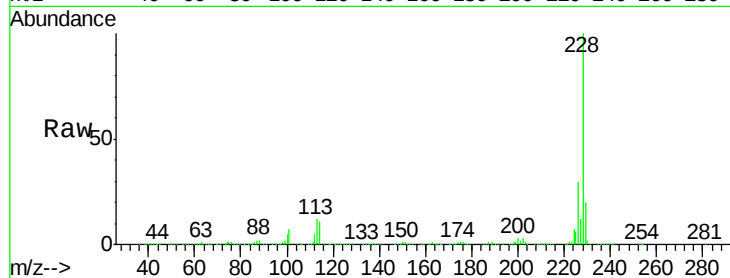
#83
 Chrysene
 Concen: 40.06 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. 0.01 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-051920MS

Tgt Ion: 228 Resp: 1572723
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.0 37.6
 229 19.9 16.2 24.4

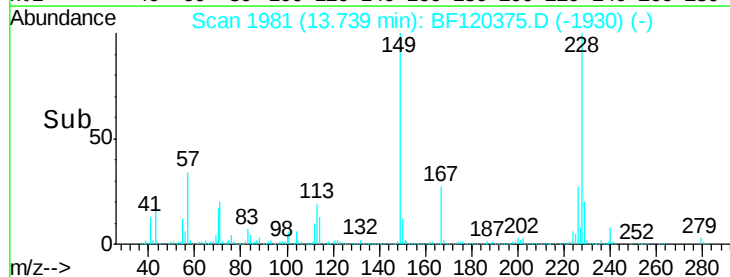
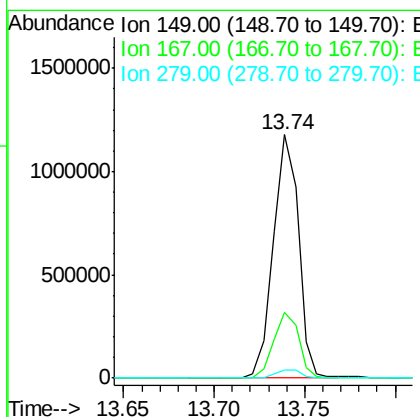
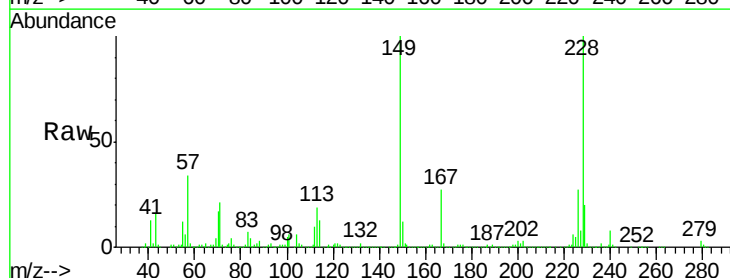
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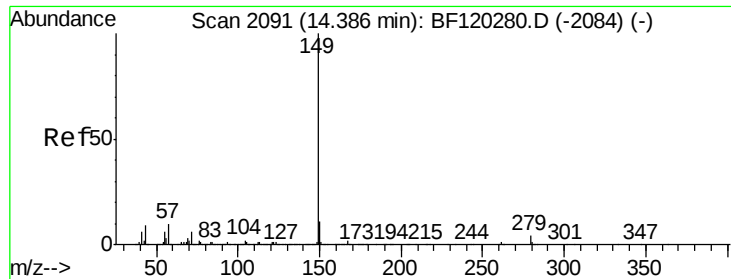
mohammad
 5/21/2020 10:23:00 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.27 ng
 RT: 13.74 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: BF120375.D
 Acq: 20 May 2020 17:46

Tgt Ion: 149 Resp: 1136877
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.8 32.8
 279 3.3 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 39.13 ng

RT: 14.35 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Instrument :

BNA_F

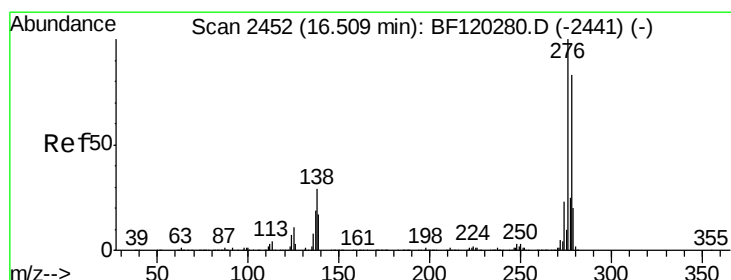
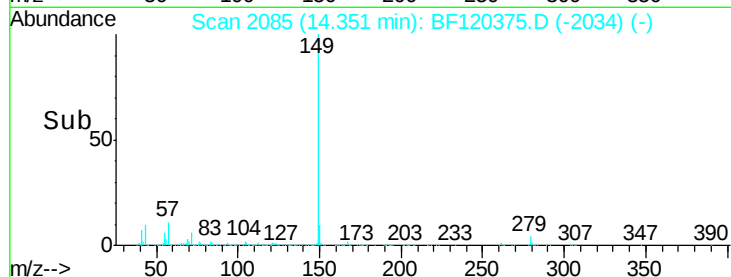
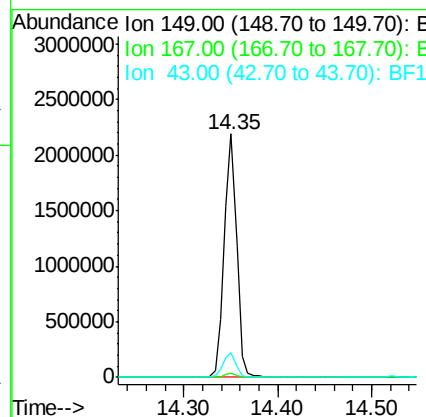
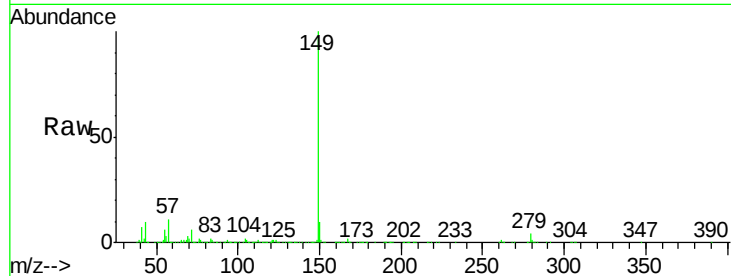
ClientSampleId :

HD-02-051920MS

Tgt Ion:	149	Resp:	2038356
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	10.1	7.5	11.3

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 34.93 ng

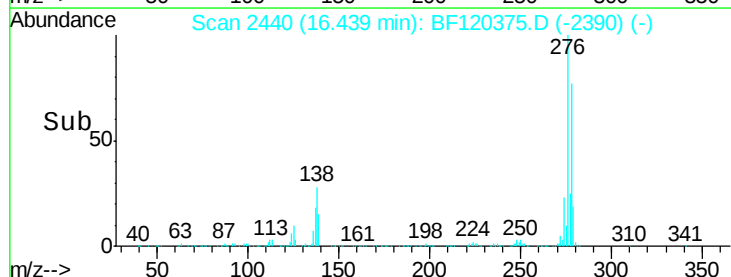
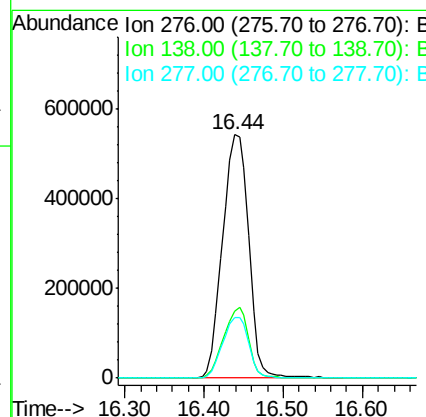
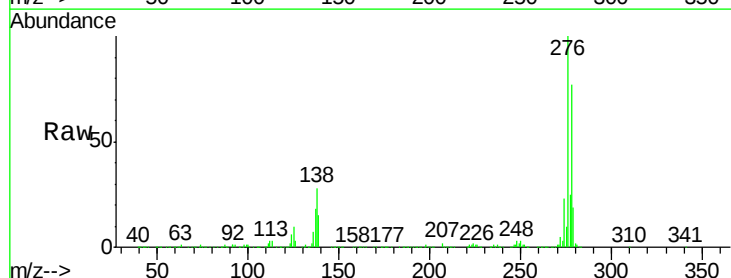
RT: 16.44 min Scan# 2440

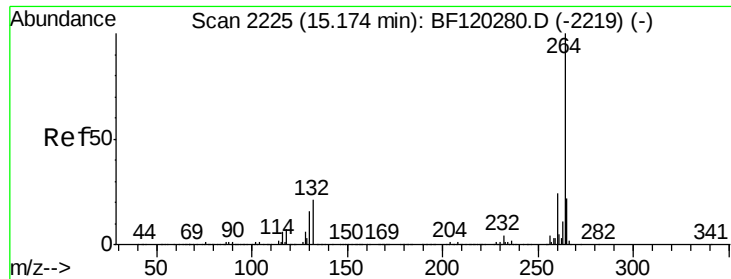
Delta R.T. -0.01 min

Lab File: BF120375.D

Acq: 20 May 2020 17:46

Tgt Ion:	276	Resp:	1244600
Ion Ratio	Lower	Upper	
276	100		
138	27.6	23.3	34.9
277	25.0	20.2	30.4





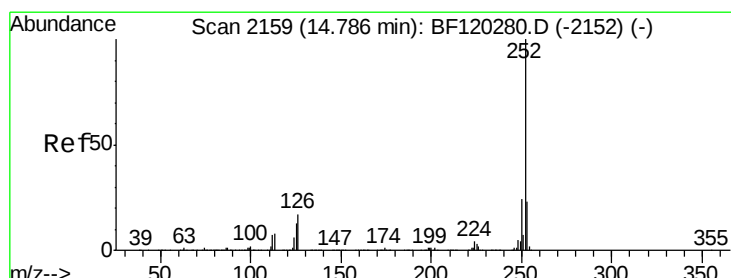
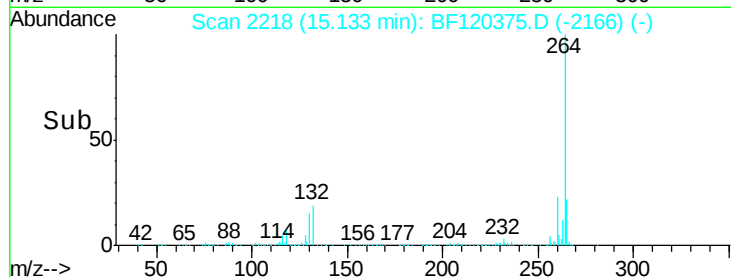
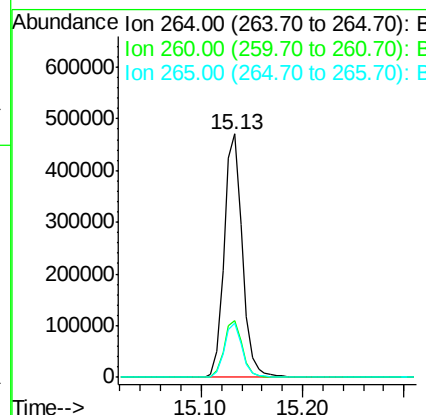
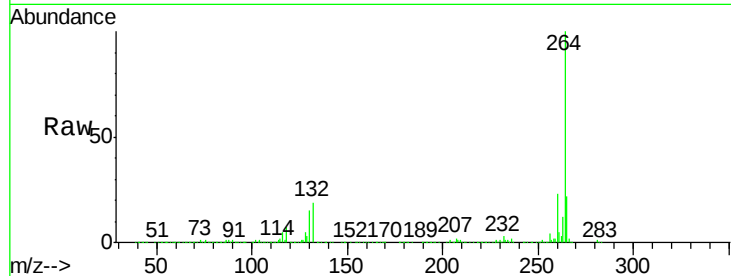
#87
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Instrument :
BNA_F
ClientSampleId :
HD-02-051920MS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	22.1	17.5	26.3

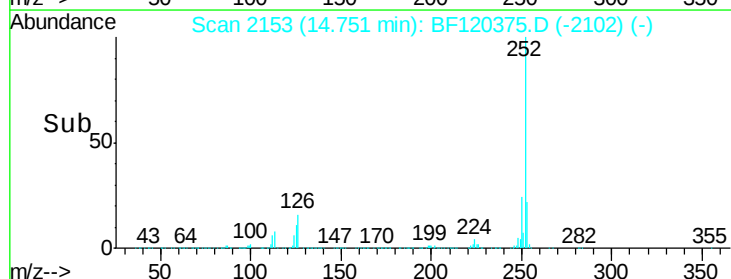
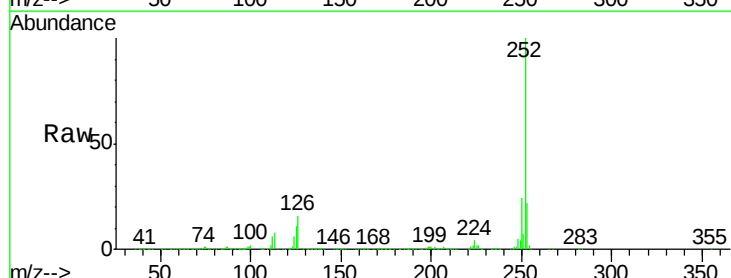
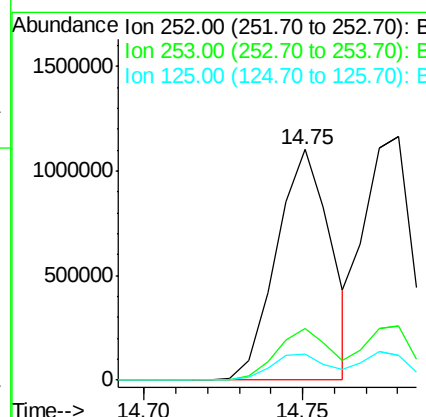
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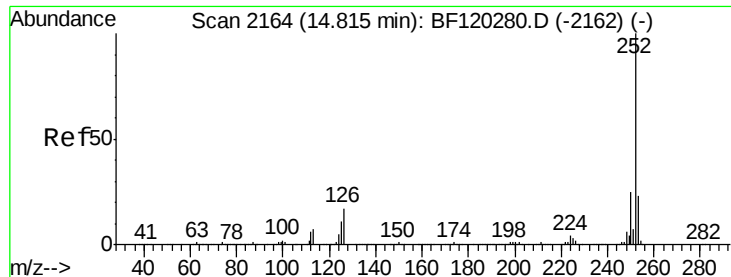
mohammad
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#88
Benzo(b)fluoranthene
Concen: 41.27 ng
RT: 14.75 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	11.1	10.4	15.6





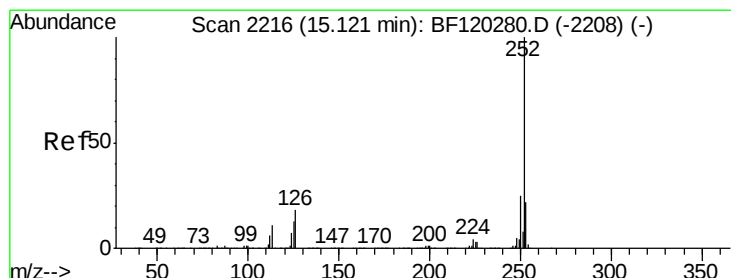
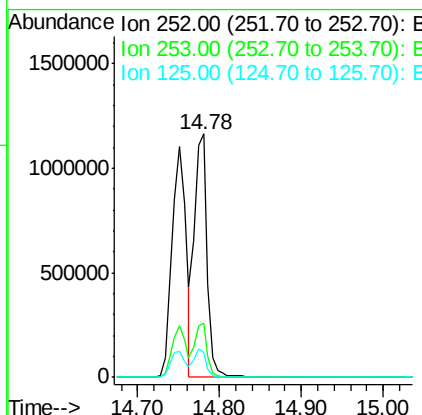
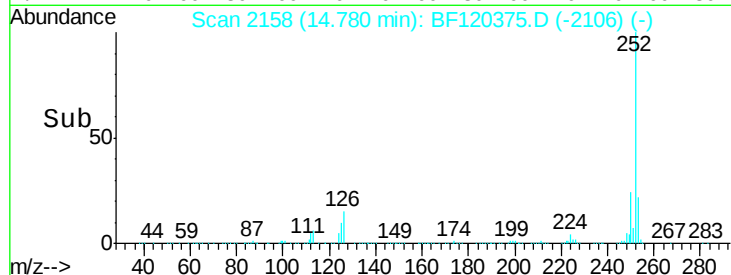
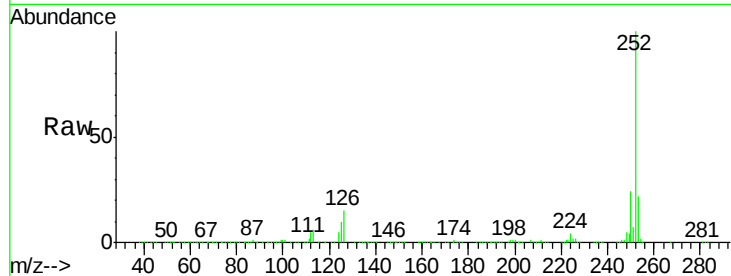
#89
Benzo(k)fluoranthene
Concen: 45.61 ng
RT: 14.78 min Scan# 2158
Delta R.T. 0.01 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Instrument :
BNA_F
ClientSampleId :
HD-02-051920MS

Tgt Ion:252 Resp: 1260969
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 10.1 9.9 14.9

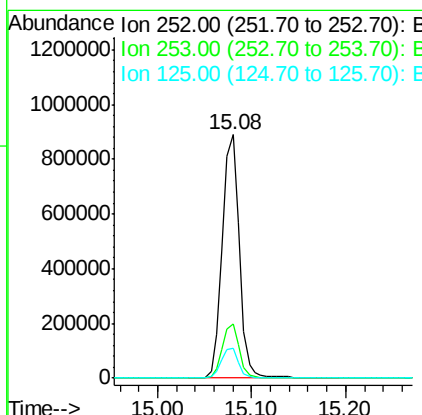
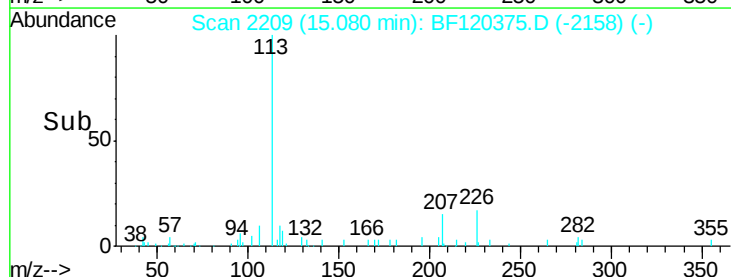
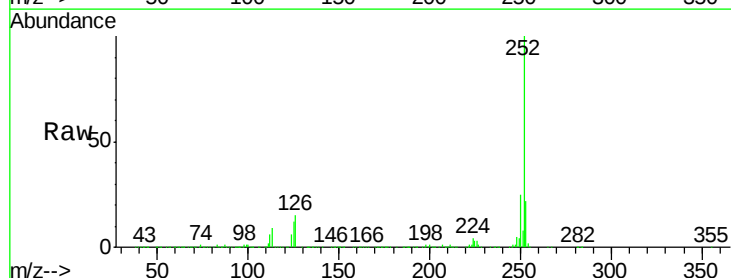
Manual Integrations
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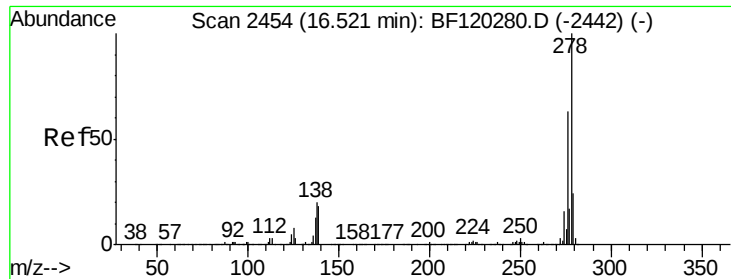
mohammad
5/21/2020 10:23:00 AM



#90
Benzo(a)pyrene
Concen: 39.54 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion:252 Resp: 1131636
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 12.1 10.6 16.0





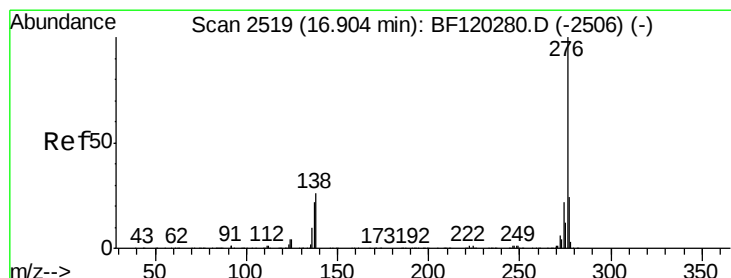
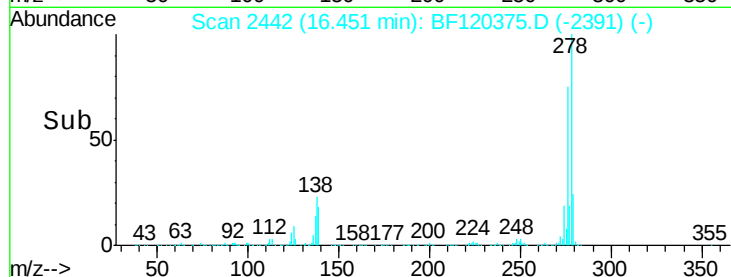
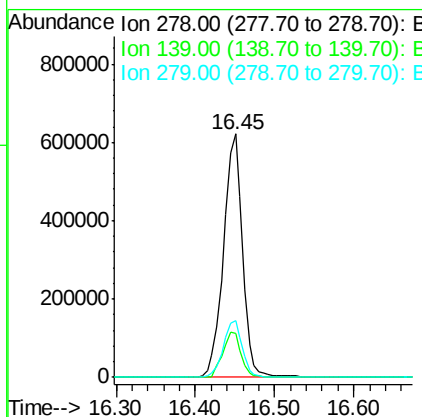
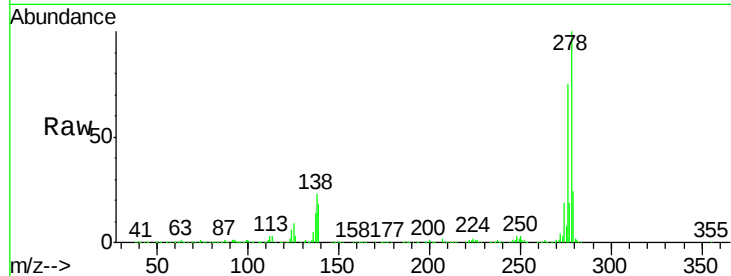
#91
Dibenzo(a,h)anthracene
Concen: 40.80 ng
RT: 16.45 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Instrument :
BNA_F
ClientSampleId :
HD-02-051920MS

Tgt Ion: 278 Resp: 1034426
Ion Ratio Lower Upper
278 100
139 17.8 14.7 22.1
279 23.5 19.2 28.8

Manual Integrations
APPROVED

mohammad
5/21/2020 10:23:00 AM



#92
Benzo(g,h,i)perylene
Concen: 39.50 ng
RT: 16.83 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BF120375.D
Acq: 20 May 2020 17:46

Tgt Ion: 276 Resp: 1009920
Ion Ratio Lower Upper
276 100
277 23.2 19.1 28.7
138 23.9 20.8 31.2

