

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119557.D
 Acq On : 27 Mar 2020 9:36
 Operator : CG/JU
 Sample : L2037-01MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

Manual Integrations
 APPROVED

mohammad
 3/30/2020 8:51:05 AM

Quant Time: Mar 27 10:38:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	297793	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1163755	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	619145	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1189503	20.00	ng	0.00
76) Chrysene-d12	14.02	240	810734	20.00	ng	0.00
87) Perylene-d12	15.47	264	724109	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2068859	110.59	ng	0.02
7) Phenol-d6	6.47	99	2711353	113.46	ng	0.00
23) Nitrobenzene-d5	7.40	82	1727841	80.69	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	832705	130.36	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3223615	77.13	ng	0.00
79) Terphenyl-d14	12.96	244	3637107	87.89	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.65	88	305538	33.070	ng	98
3) Pyridine	3.38	79	850013	33.395	ng	99
4) n-Nitrosodimethylamine	3.34	42	487031	39.237	ng	98
6) Aniline	6.50	93	1086160	32.933	ng	98
8) 2-Chlorophenol	6.62	128	949249	48.314	ng	97
9) Benzaldehyde	6.38	77	584705	38.571	ng	94
10) Phenol	6.48	94	1222349	47.939	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	899795	44.122	ng	98
12) 1,3-Dichlorobenzene	6.77	146	940025	44.206	ng	96
13) 1,4-Dichlorobenzene	6.85	146	949377	44.635	ng	97
14) 1,2-Dichlorobenzene	7.01	146	890879	44.811	ng	99
15) Benzyl Alcohol	6.97	79	814180	45.294	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1717479	41.753	ng	100
17) 2-Methylphenol	7.09	107	775060	43.055	ng	99
18) Hexachloroethane	7.35	117	363108	46.584	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	668710	46.427	ng	99
20) 3+4-Methylphenols	7.24	107	930661	42.185	ng	90
22) Acetophenone	7.25	105	1229354	44.209	ng	# 87
24) Nitrobenzene	7.42	77	995014	43.481	ng	97
25) Isophorone	7.66	82	1883110	43.353	ng	100
26) 2-Nitrophenol	7.73	139	513896	57.034	ng	96
27) 2,4-Dimethylphenol	7.77	122	843173	45.256	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	1178790	45.893	ng	98
29) 2,4-Dichlorophenol	7.97	162	799076	46.678	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	840360	44.389	ng	99
31) Naphthalene	8.15	128	2618405	43.722	ng	100
32) Benzoic acid	7.91	122	679111	56.666	ng	98
33) 4-Chloroaniline	8.19	127	451668	16.459	ng	98
34) Hexachlorobutadiene	8.26	225	482187	45.522	ng	99
35) Caprolactam	8.57	113	286538m	51.144	ng	
36) 4-Chloro-3-methylphenol	8.67	107	870201	46.509	ng	98
37) 2-Methylnaphthalene	8.84	142	1833274	46.643	ng	99
38) 1-Methylnaphthalene	8.94	142	1749838	47.036	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	787920	43.417	ng	99

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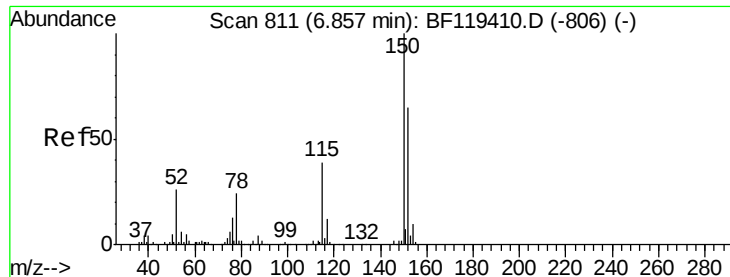
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	940330	91.142	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	608253	46.836	ng	100
44) 2,4,5-Trichlorophenol	9.15	196	637278	43.804	ng	97
46) 1,1'-Biphenyl	9.30	154	2173444	43.101	ng	99
47) 2-Chloronaphthalene	9.33	162	1714785	43.413	ng	99
48) 2-Nitroaniline	9.42	65	640518	46.980	ng	99
49) Acenaphthylene	9.75	152	2669198	43.032	ng	100
50) Dimethylphthalate	9.61	163	2157961	49.069	ng	99
51) 2,6-Dinitrotoluene	9.67	165	463176	49.136	ng	100
52) Acenaphthene	9.92	154	1707061	44.145	ng	98
53) 3-Nitroaniline	9.83	138	292624	24.589	ng	93
54) 2,4-Dinitrophenol	9.94	184	487613	115.951	ng	# 87
55) Dibenzofuran	10.09	168	2411093	43.489	ng	100
56) 4-Nitrophenol	10.00	139	828301	88.229	ng	98
57) 2,4-Dinitrotoluene	10.07	165	624196	52.565	ng	90
58) Fluorene	10.43	166	1857419	45.304	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	531164	48.844	ng	99
60) Diethylphthalate	10.31	149	2108041	47.228	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	905502	45.164	ng	96
62) 4-Nitroaniline	10.46	138	500650	43.870	ng	99
63) Azobenzene	10.59	77	1998319	44.458	ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	326733	65.505	ng	92
66) n-Nitrosodiphenylamine	10.55	169	1744662	44.678	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	604133	44.596	ng	98
68) Hexachlorobenzene	10.98	284	652078	47.030	ng	96
69) Atrazine	11.07	200	532613	49.752	ng	99
70) Pentachlorophenol	11.17	266	733616	90.238	ng	98
71) Phenanthrene	11.40	178	2685732	43.544	ng	99
72) Anthracene	11.45	178	2761294	44.049	ng	100
73) Carbazole	11.60	167	2599223	41.891	ng	99
74) Di-n-butylphthalate	11.93	149	3224892	48.586	ng	98
75) Fluoranthene	12.59	202	2906568	43.543	ng	99
77) Benzidine	12.70	184	1502260	43.784	ng	99
78) Pyrene	12.82	202	2913475	43.788	ng	99
80) Butylbenzylphthalate	13.43	149	1393121	51.768	ng	95
81) Benzo(a)anthracene	14.00	228	2233206	42.359	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	481124	23.145	ng	98
83) Chrysene	14.04	228	2330052	42.824	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1789052	55.768	ng	98
85) Di-n-octyl phthalate	14.61	149	3046405	53.996	ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	2090817	40.802	ng	99
88) Benzo(b)fluoranthene	15.05	252	2155963	44.572	ng	99
89) Benzo(k)fluoranthene	15.08	252	2076560	45.085	ng	100
90) Benzo(a)pyrene	15.42	252	1887701	42.943	ng	98
91) Dibenzo(a,h)anthracene	16.97	278	1718892	44.706	ng	98
92) Benzo(g,h,i)perylene	17.39	276	1747427	45.239	ng	98

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



#1

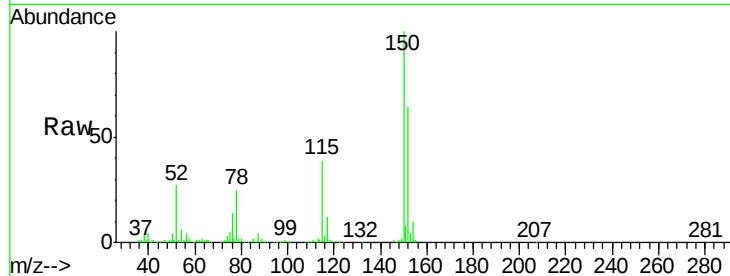
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
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ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

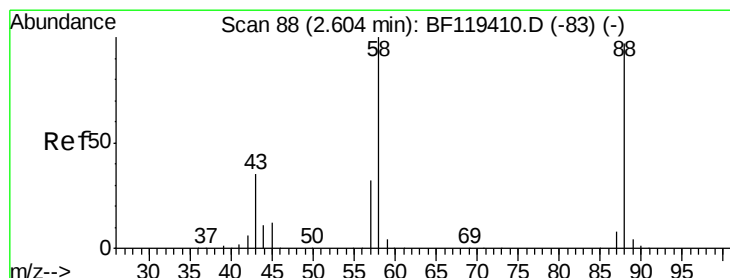
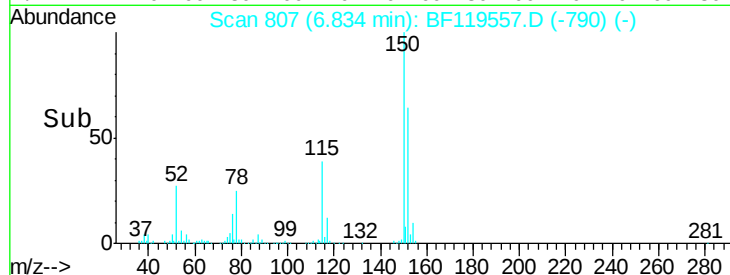
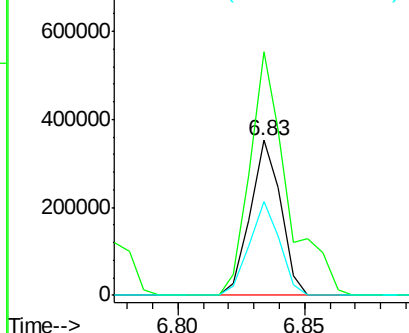
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.5	186.7
115	60.8	49.6	74.4

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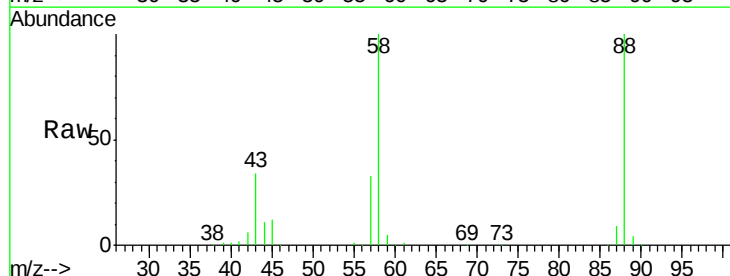
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



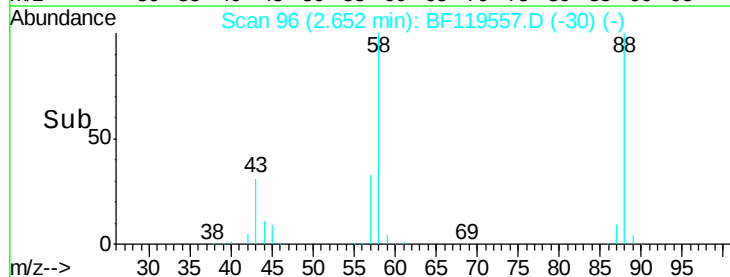
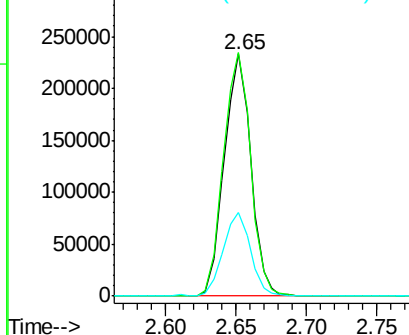
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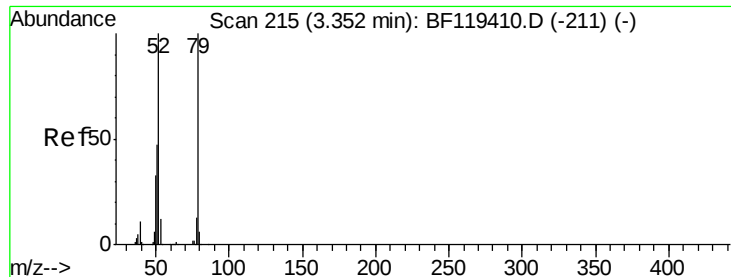
1,4-Dioxane
Concen: 33.070 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.09 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.8	80.6	121.0
43	35.2	27.5	41.3



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 33.395 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.08 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :

BNA_F

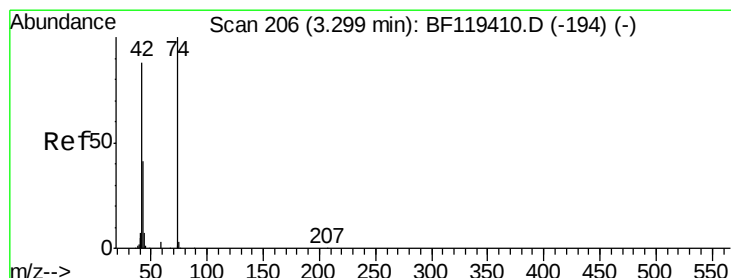
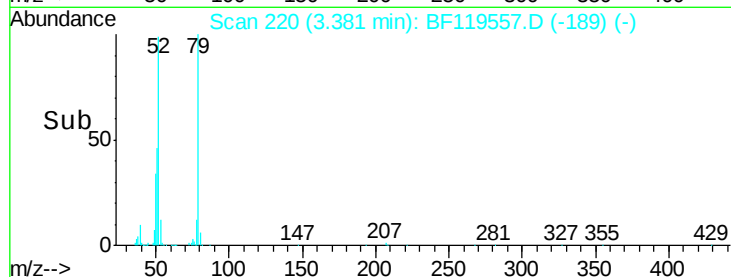
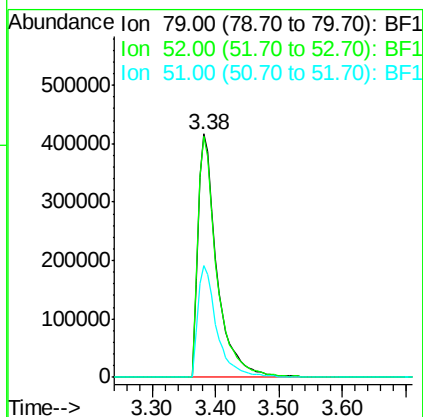
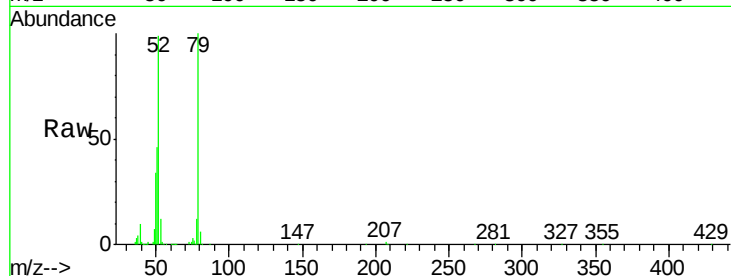
ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:	79	Resp:	850013
Ion Ratio	Lower	Upper	
79	100		
52	99.3	80.2	120.2
51	45.7	37.7	56.5

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#4

n-Nitrosodimethylamine

Concen: 39.237 ng

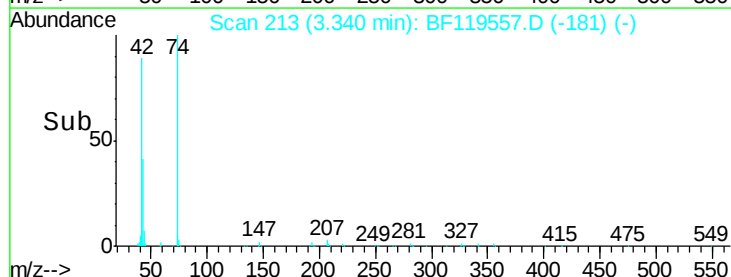
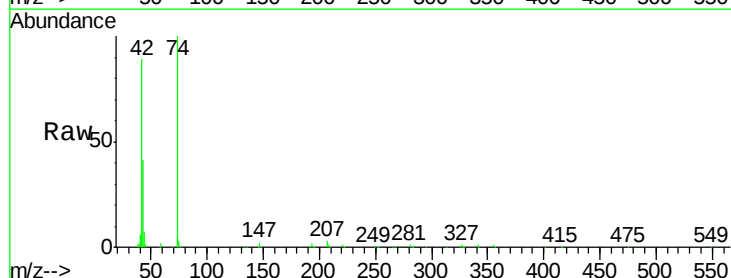
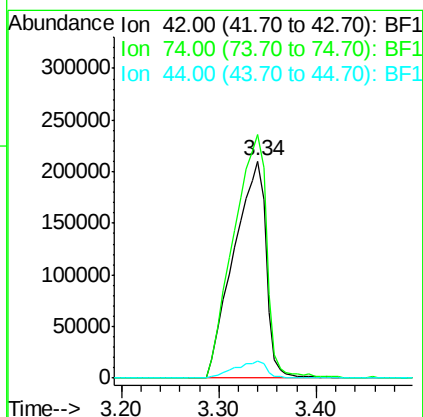
RT: 3.34 min Scan# 213

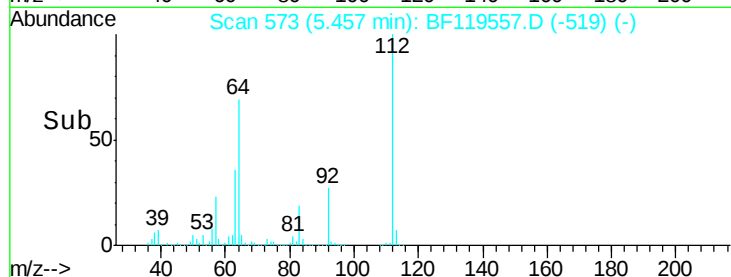
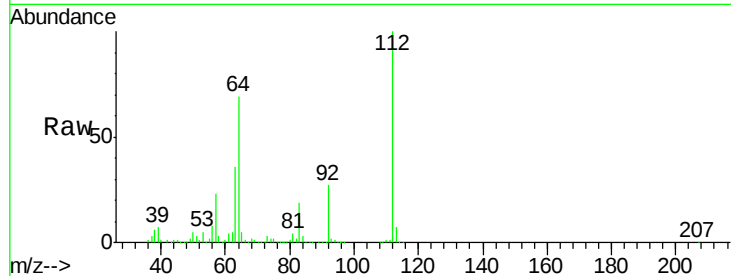
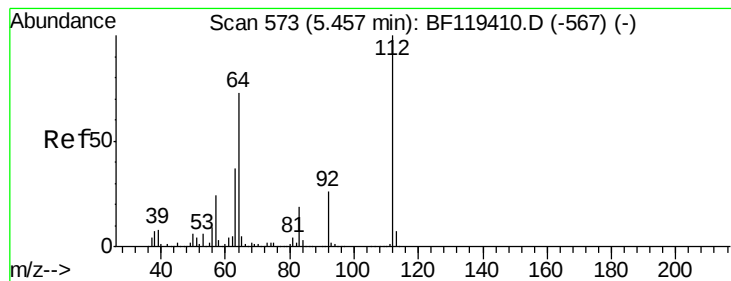
Delta R.T. 0.09 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Tgt Ion:	42	Resp:	487031
Ion Ratio	Lower	Upper	
42	100		
74	112.2	91.5	137.3
44	7.7	6.2	9.4





#5

2-Fluorophenol

Concen: 110.595 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Tot Ion: 112 Resp: 2068859

Ion Ratio Lower Upper

112 100

64 69.3 56.7 85.1

63 36.1 29.5 44.3

Instrument :

BNA_F

ClientSampleId :

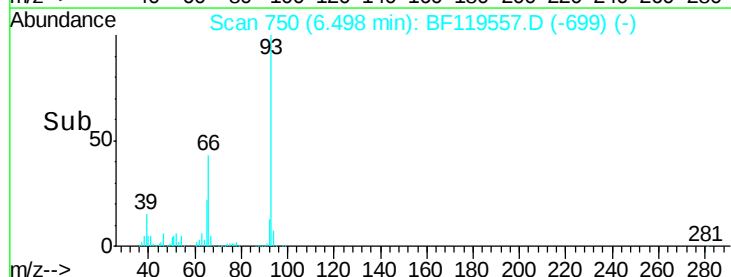
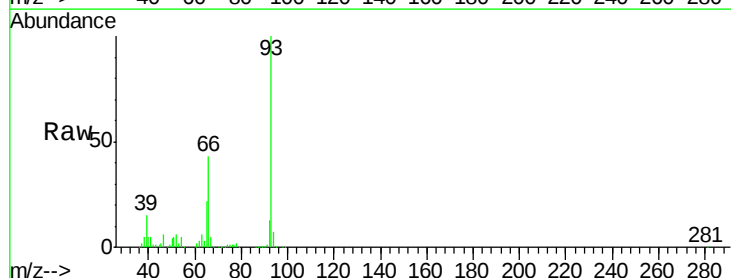
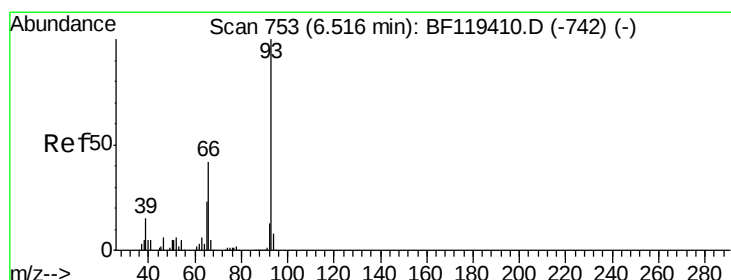
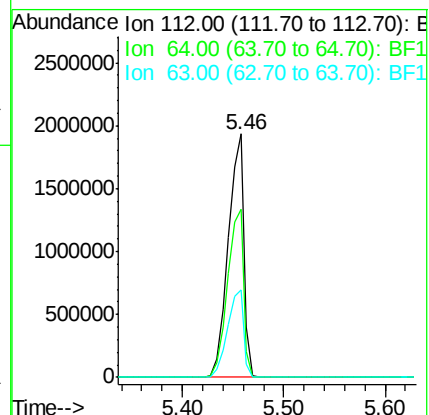
FK-BPM-01-C4-D4-C4A-D4AMSD

Manual Integrations

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#6

Aniline

Concen: 32.933 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

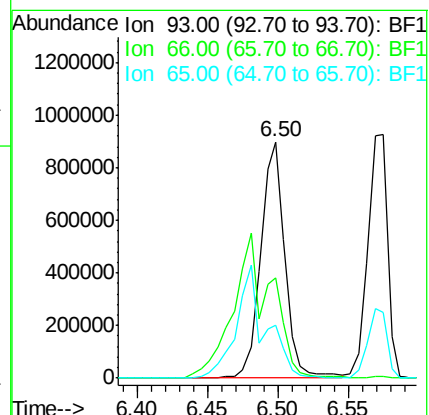
Tgt Ion: 93 Resp: 1086160

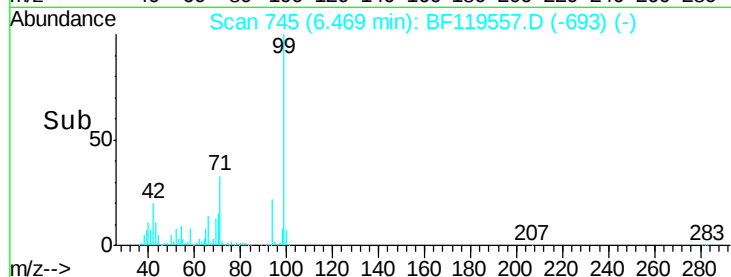
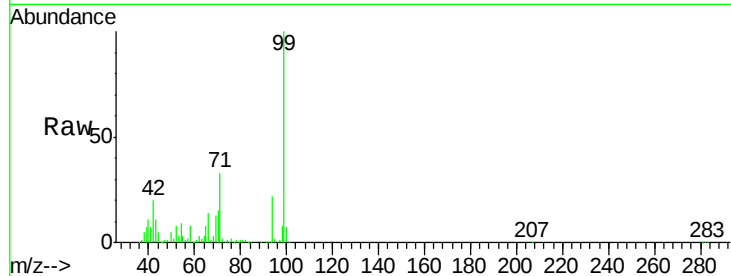
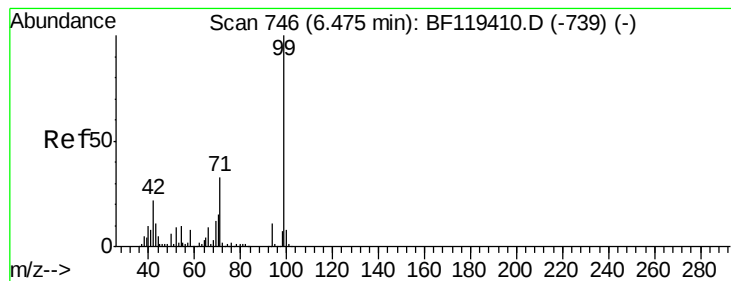
Ion Ratio Lower Upper

93 100

66 42.5 34.9 52.3

65 22.3 18.6 27.8





#7

Phenol-d6

Concen: 113.462 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Tot Ion: 99 Resp: 2711353

Ion Ratio Lower Upper

99 100

42 20.3 16.6 24.8

71 33.2 26.4 39.6

Instrument :

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ClientSampleId :

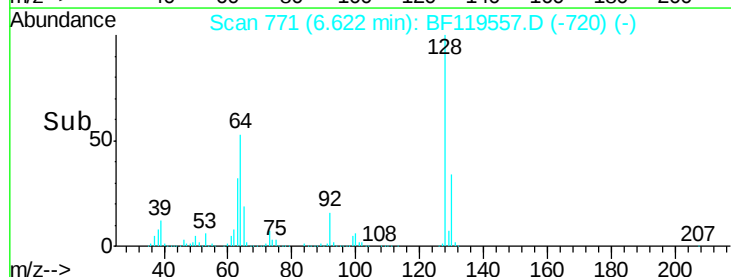
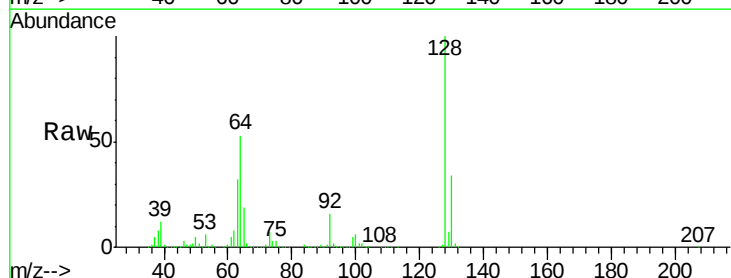
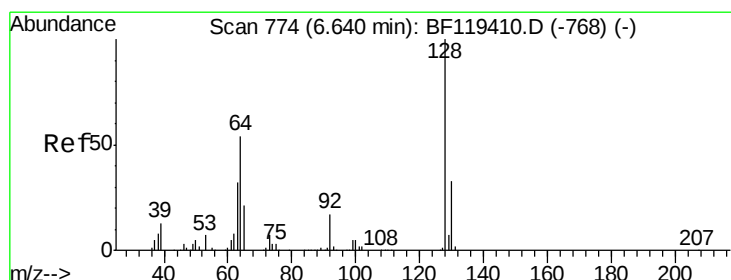
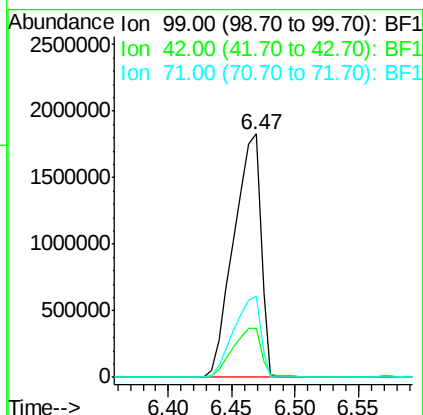
FK-BPM-01-C4-D4-C4A-D4AMSD

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#8

2-Chlorophenol

Concen: 48.314 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

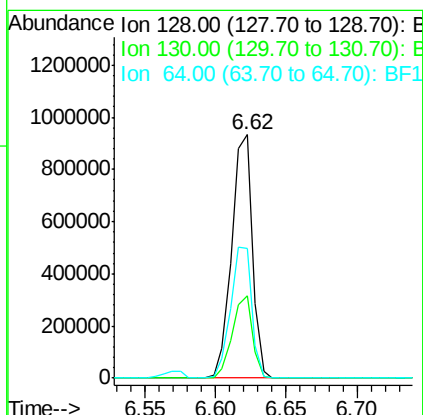
Tgt Ion: 128 Resp: 949249

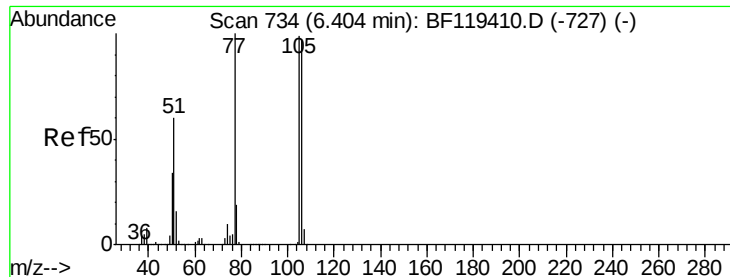
Ion Ratio Lower Upper

128 100

130 33.7 12.6 52.6

64 53.1 35.3 75.3





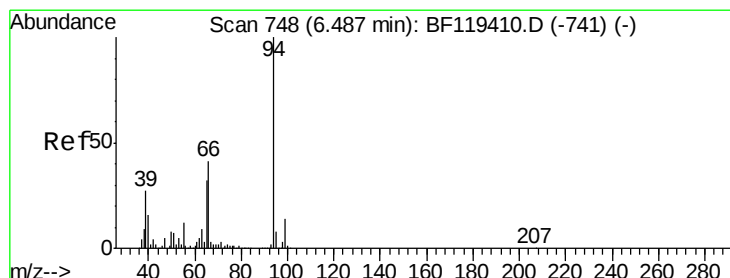
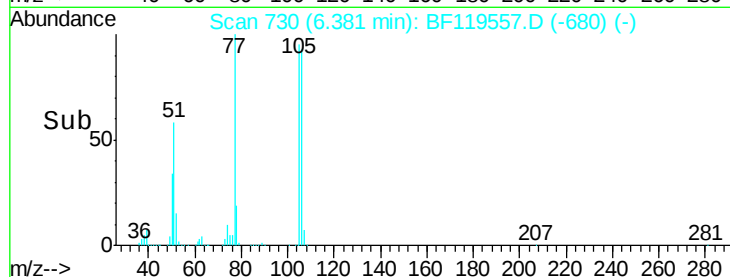
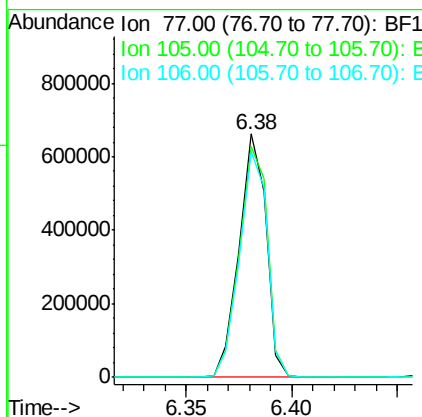
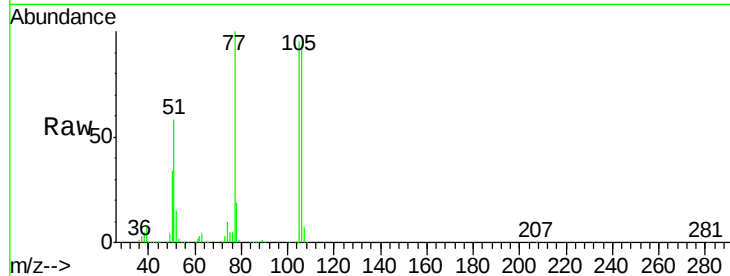
#9
Benzaldehyde
Concen: 38.571 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.0	80.9	120.9
106	92.7	77.9	117.9

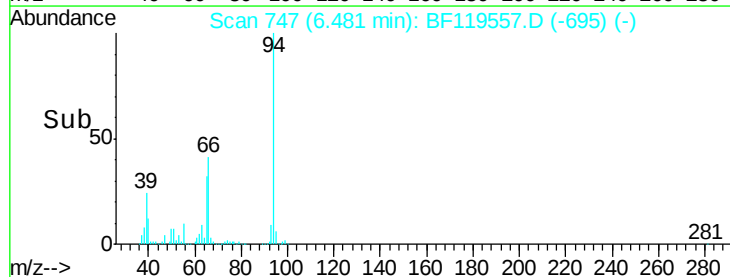
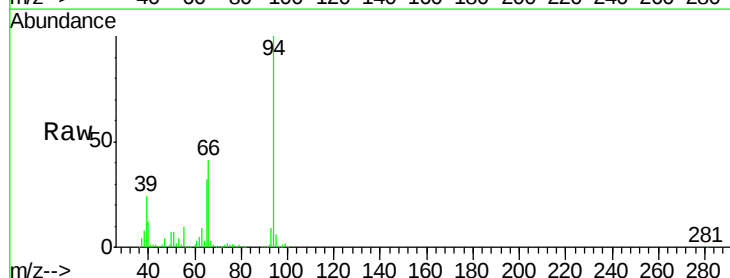
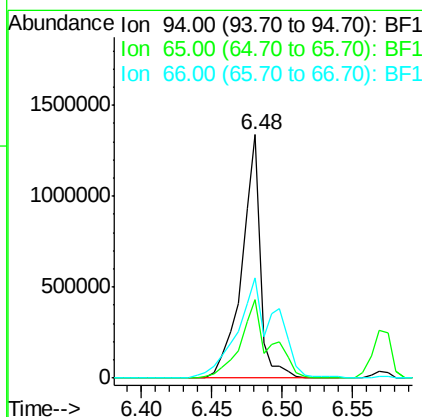
Manual Integrations
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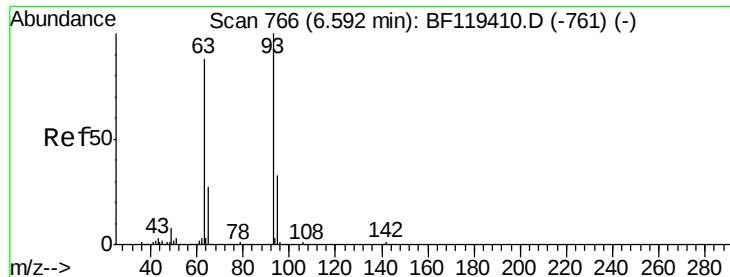
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#10
Phenol
Concen: 47.939 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.3	13.2	53.2
66	41.3	22.3	62.3





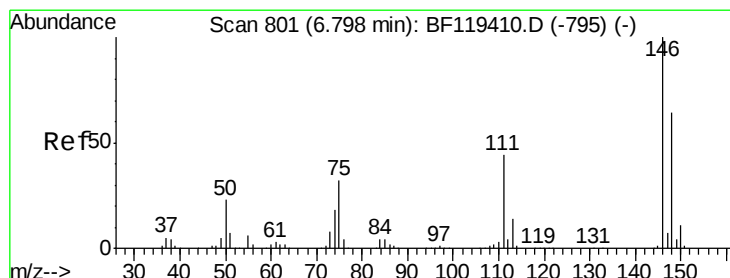
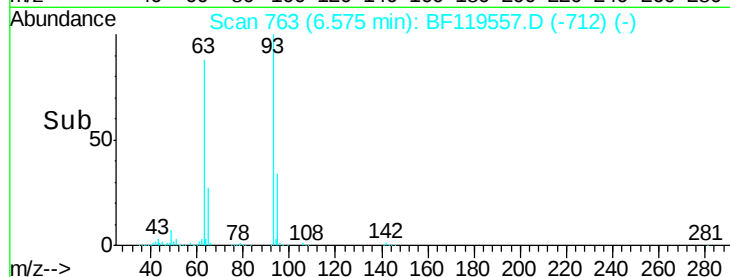
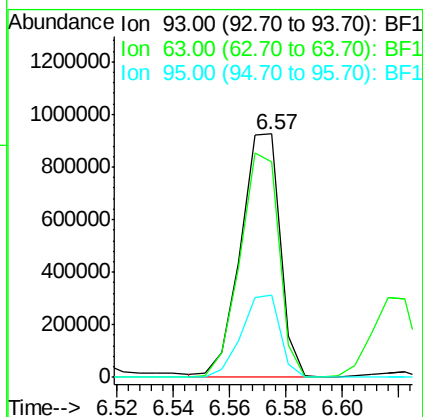
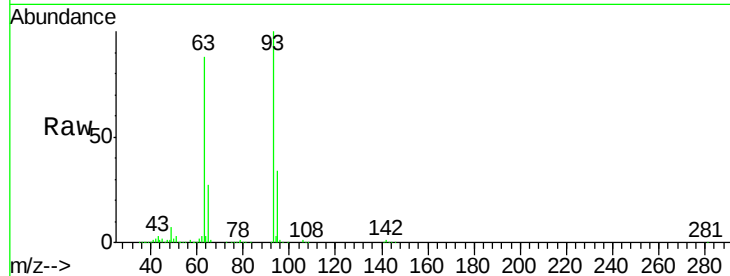
#11
bis(2-Chloroethyl)ether
Concen: 44.122 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.4	70.2	110.2
95	34.0	13.4	53.4

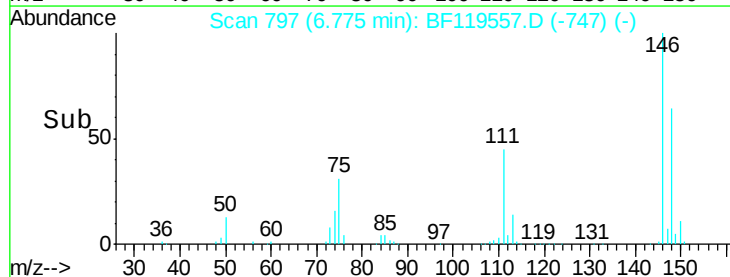
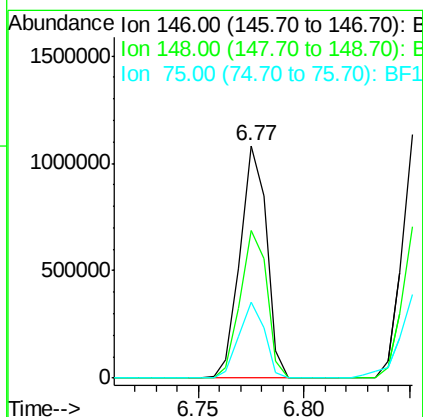
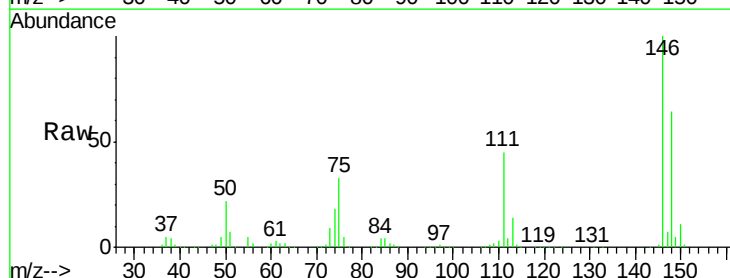
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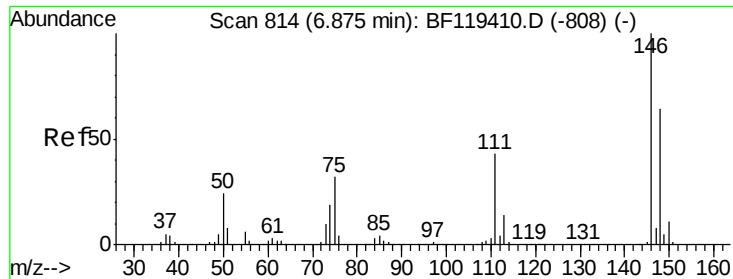
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#12
1,3-Dichlorobenzene
Concen: 44.206 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.4
75	32.6	23.0	34.4





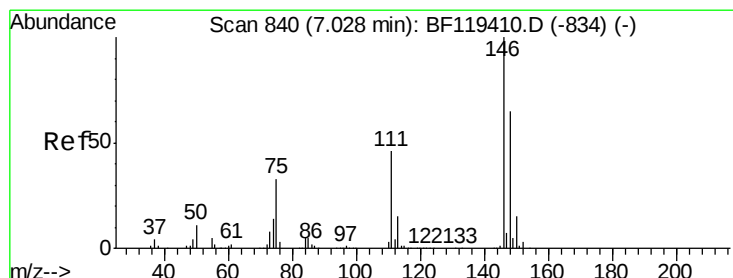
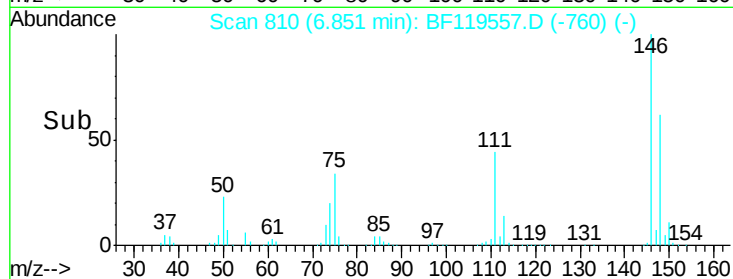
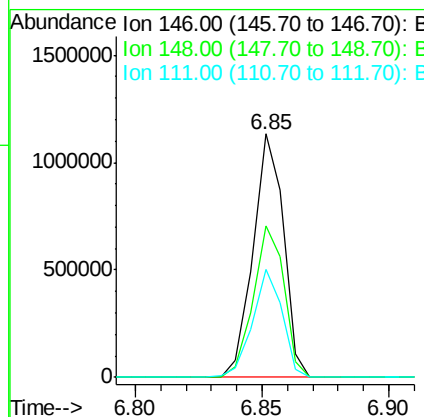
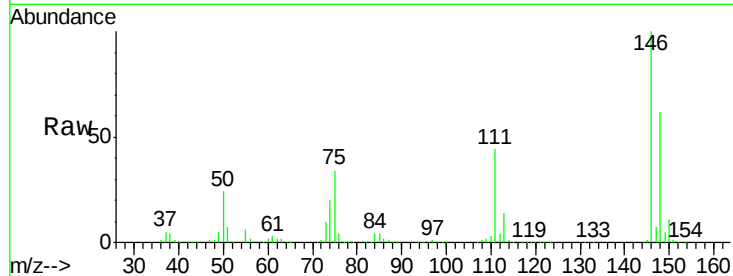
#13
 1,4-Dichlorobenzene
 Concen: 44.635 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		949377		
148	62.4	51.5	77.3		
111	44.2	33.3	49.9		

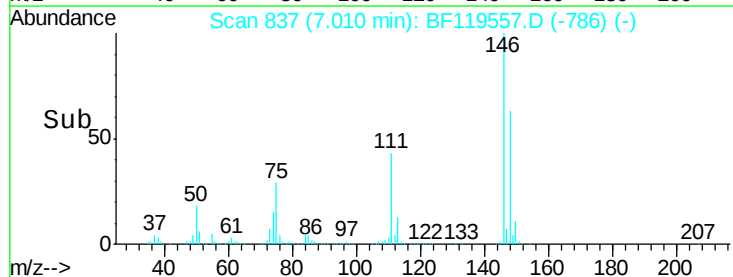
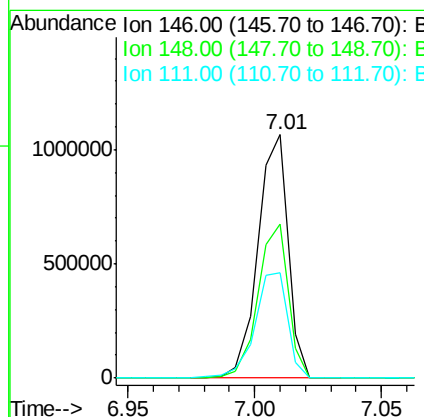
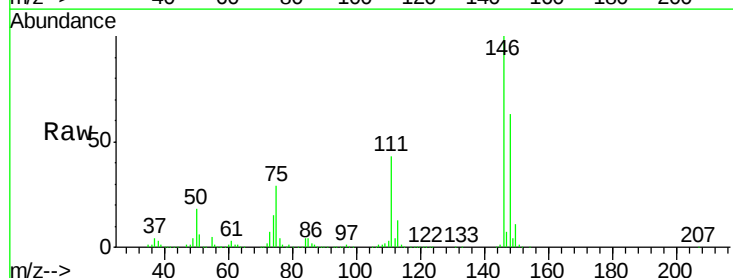
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#14
 1,2-Dichlorobenzene
 Concen: 44.811 ng
 RT: 7.01 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		890879		
148	63.0	50.6	75.8		
111	43.2	36.1	54.1		





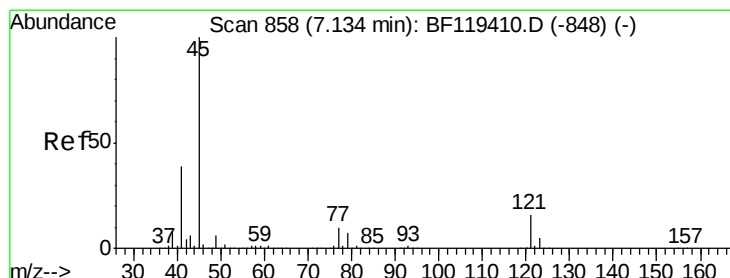
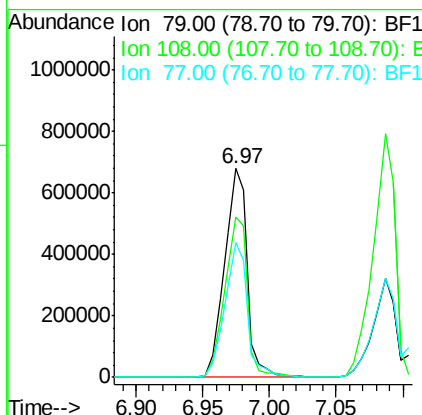
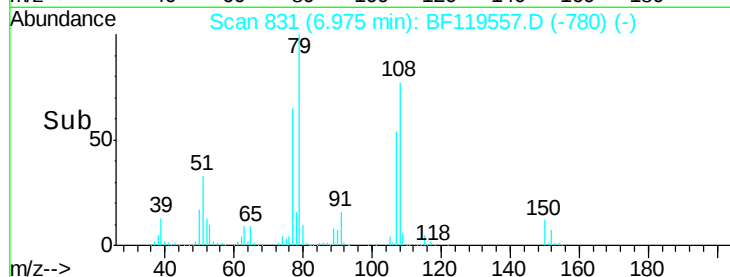
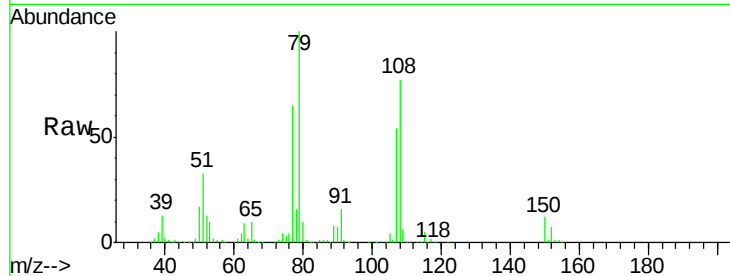
#15
Benzyl Alcohol
Concen: 45.294 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.9	60.6	90.8
77	64.6	50.2	75.2

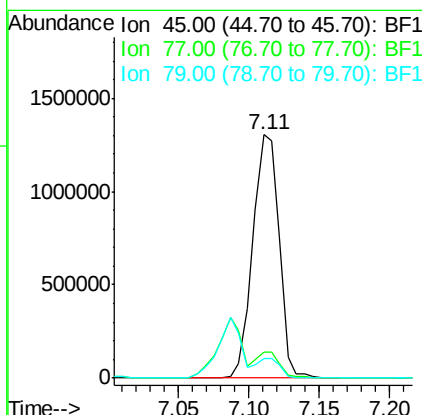
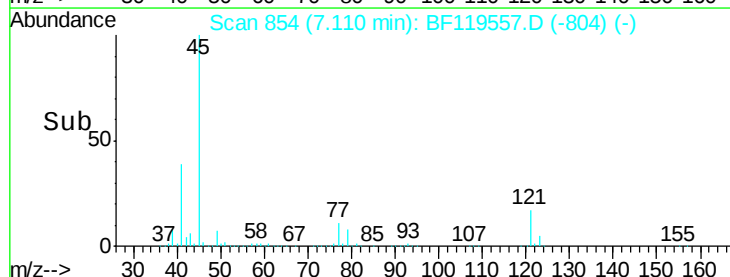
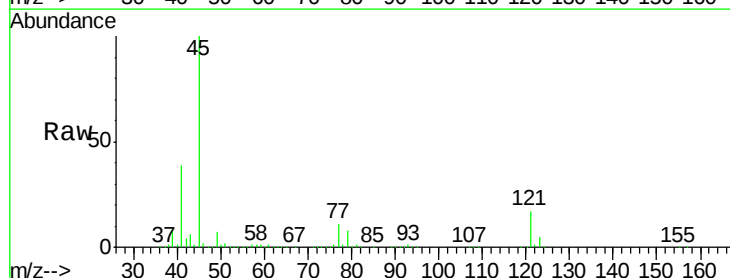
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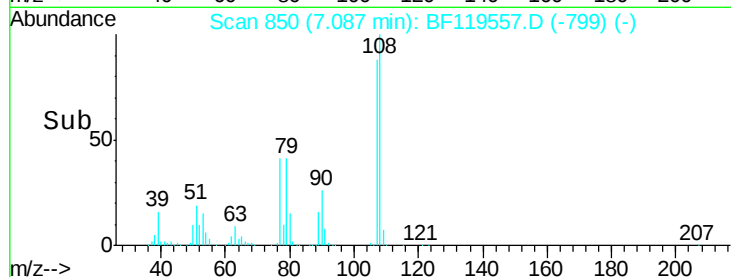
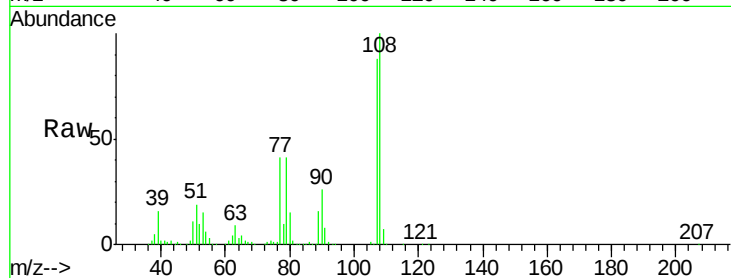
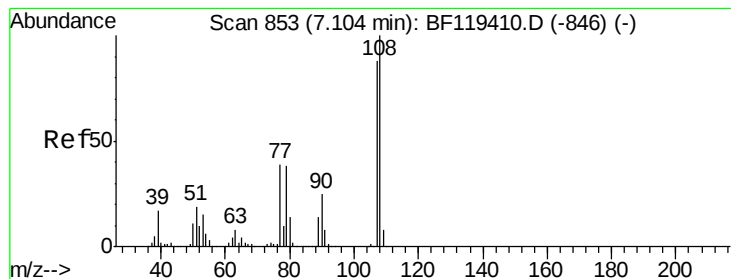
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.753 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.7	0.0	30.7
79	8.0	0.0	28.2





#17

2-Methylphenol

Concen: 43.055 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	92.2	138.4	
77	46.1	36.6	54.8	
79	46.1	36.2	54.4	

Instrument :

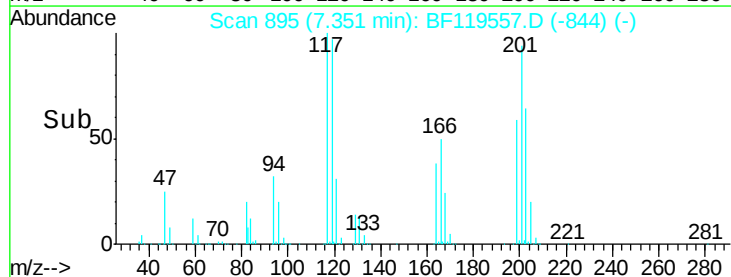
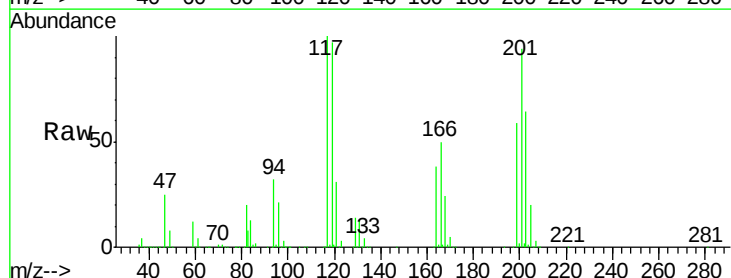
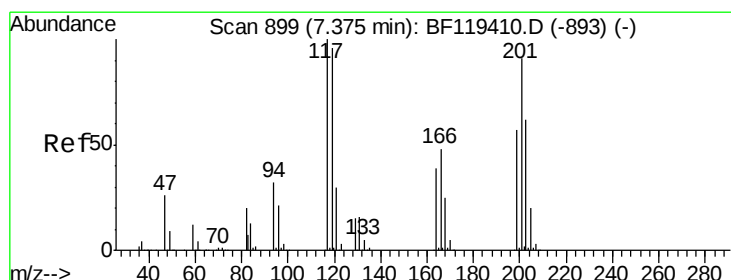
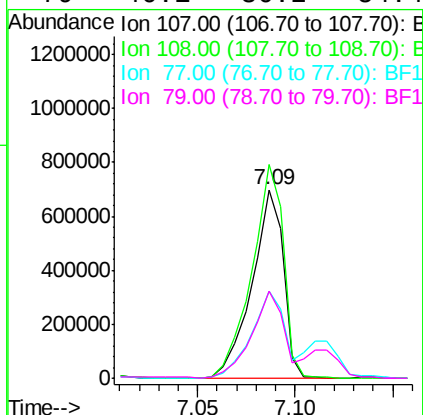
BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

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#18

Hexachloroethane

Concen: 46.584 ng

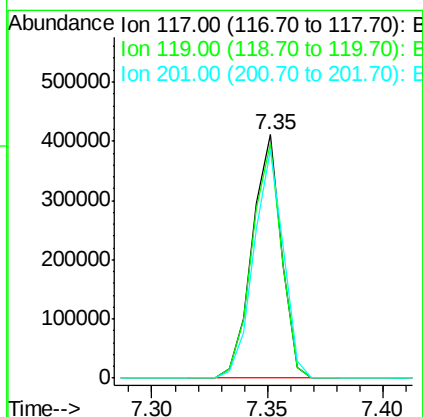
RT: 7.35 min Scan# 895

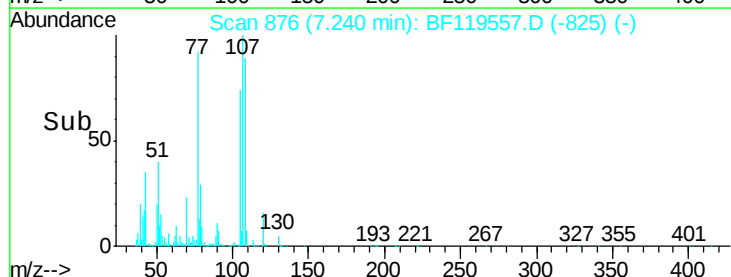
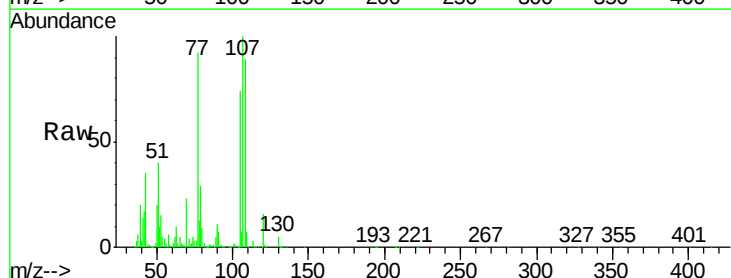
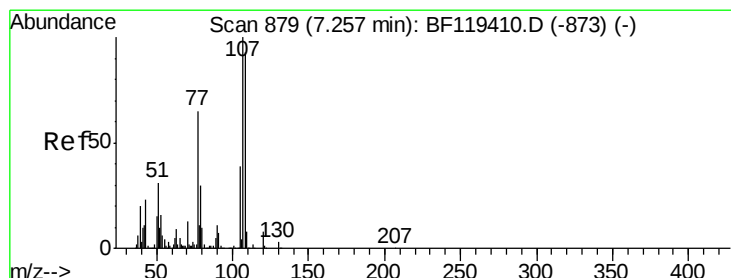
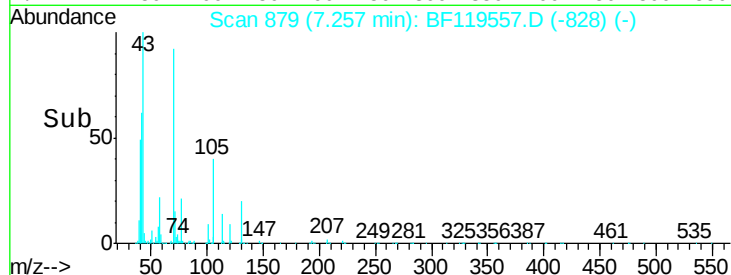
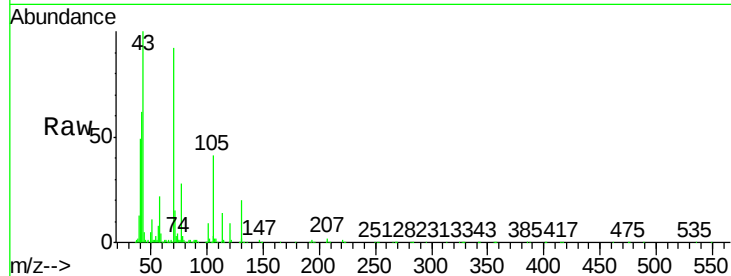
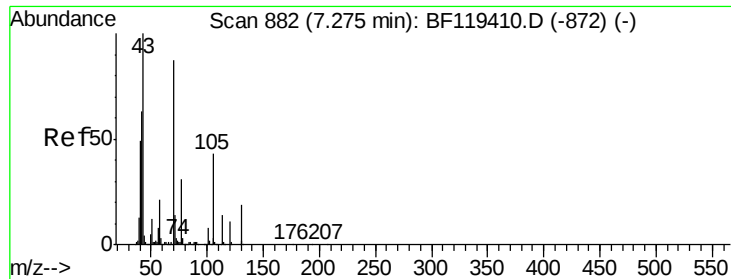
Delta R.T. -0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

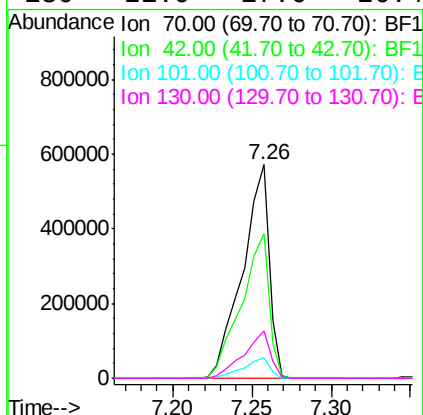
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	76.1	114.1	
201	93.6	73.0	109.6	





#19
n-Nitroso-di-n-propylamine
Concen: 46.427 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		668710		
42	67.5	54.5	81.7		
101	9.4	7.6	11.4		
130	21.9	17.6	26.4		



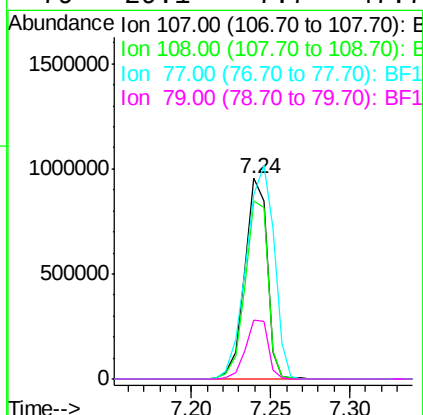
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

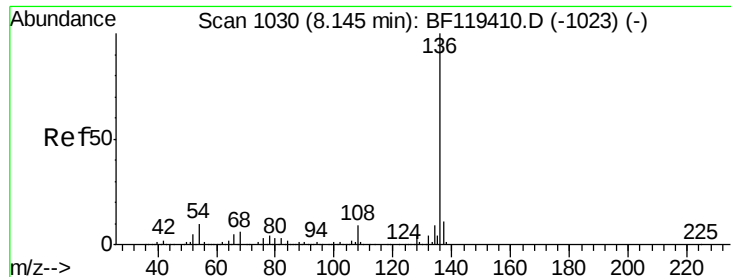
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#20
3+4-Methylphenols
Concen: 42.185 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		930661		
108	88.8	67.9	107.9		
77	91.9	52.9	92.9		
79	29.1	7.7	47.7		





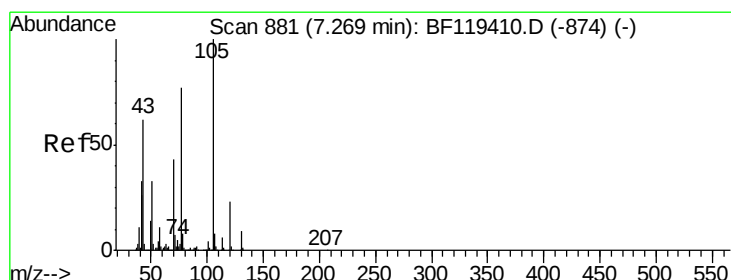
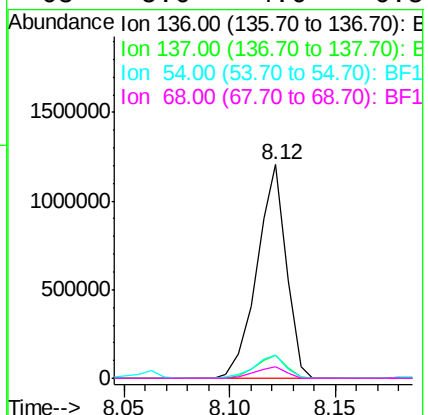
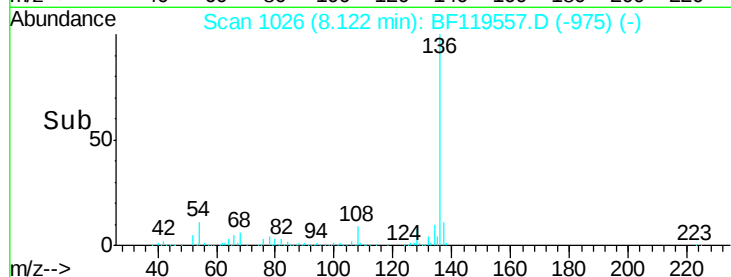
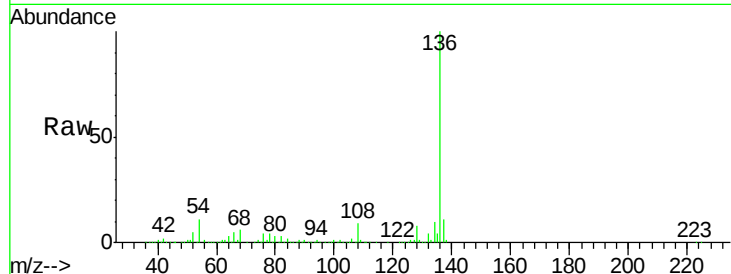
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1163755		
137	10.9	8.7	13.1		
54	10.6	9.1	13.7		
68	5.6	4.6	6.8		

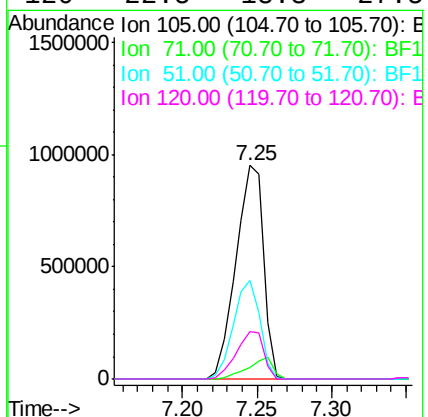
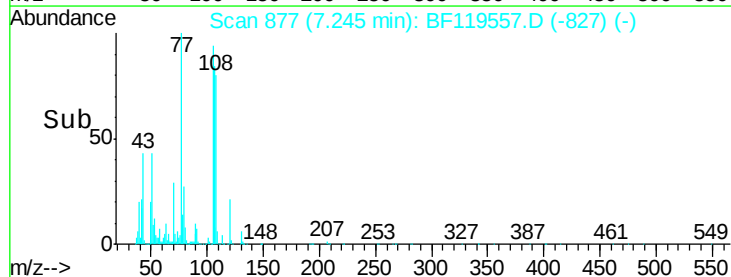
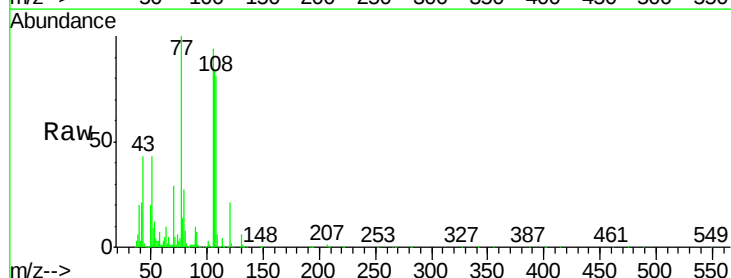
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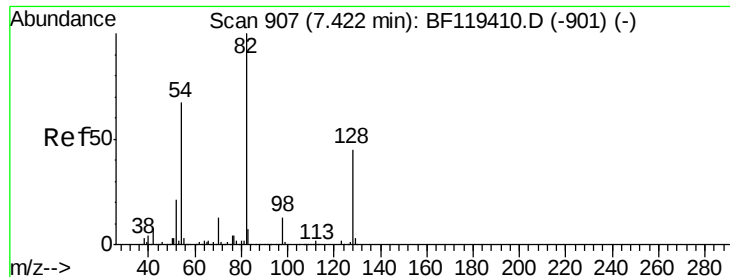
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#22
Acetophenone
Concen: 44.209 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1229354		
71	5.3	5.7	8.5#		
51	45.9	26.2	39.4#		
120	22.5	18.3	27.5		





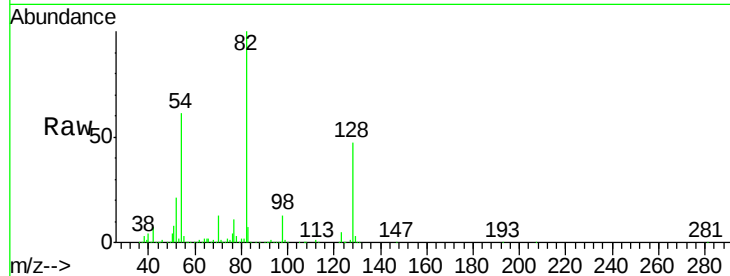
#23
Nitrobenzene-d5
Concen: 80.691 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

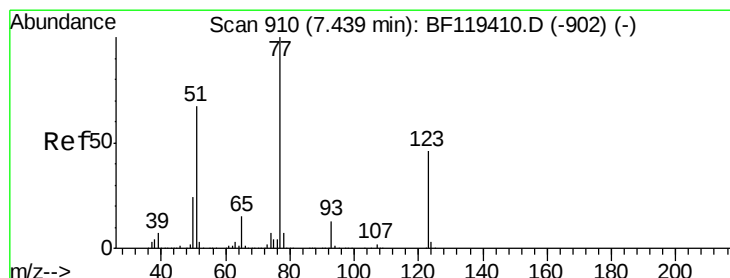
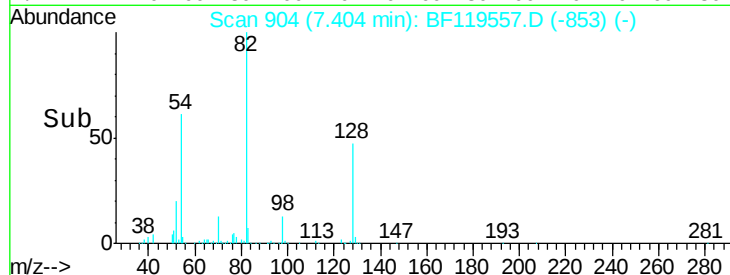
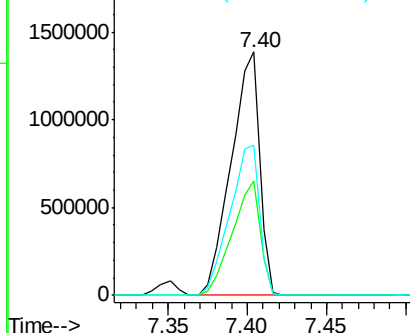
Tot Ion: 82 Resp: 1727841
Ion Ratio Lower Upper
82 100
128 46.8 36.3 54.5
54 61.5 50.6 75.8

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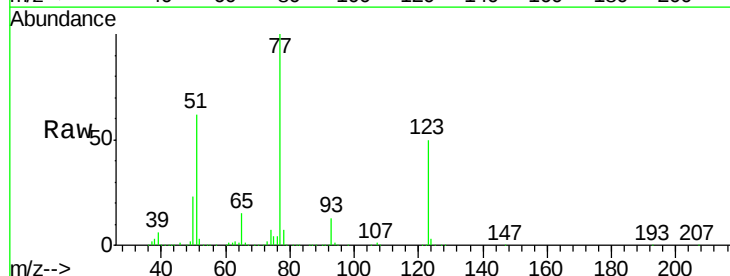


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

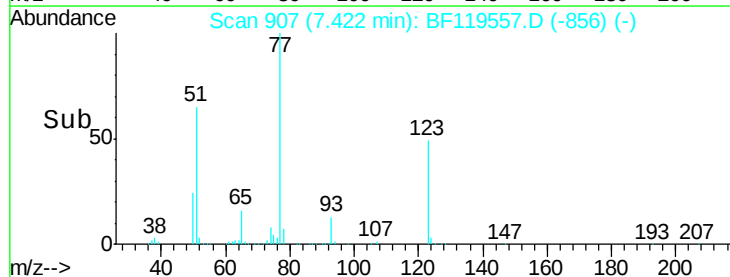
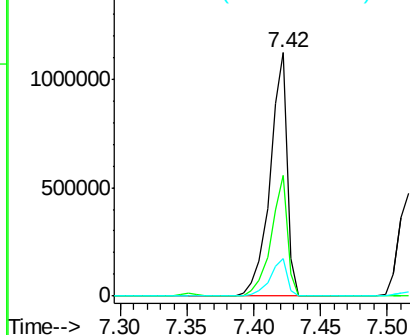


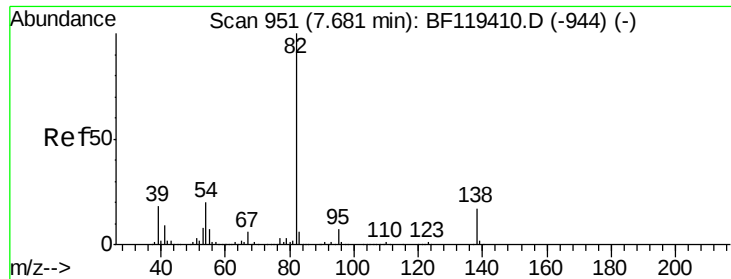
#24
Nitrobenzene
Concen: 43.481 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion: 77 Resp: 995014
Ion Ratio Lower Upper
77 100
123 49.6 38.0 57.0
65 15.3 12.6 18.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.353 ng

RT: 7.66 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion: 82 Resp: 1883110

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

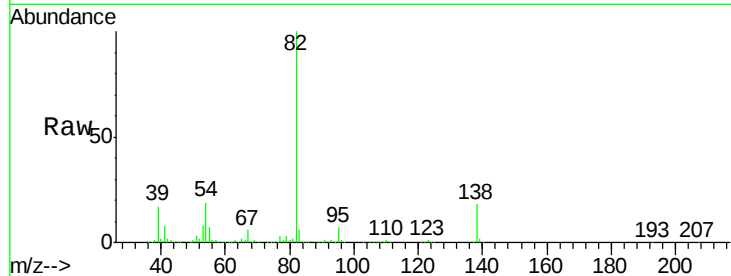
138 18.1 14.6 21.8

Manual Integrations

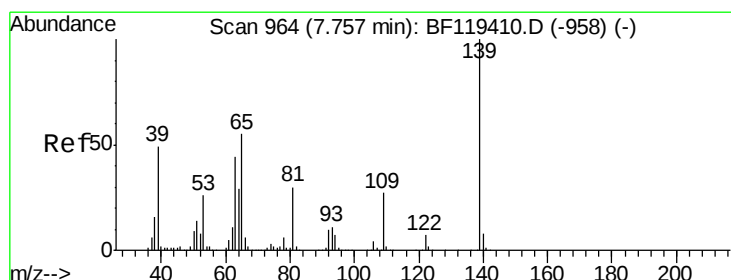
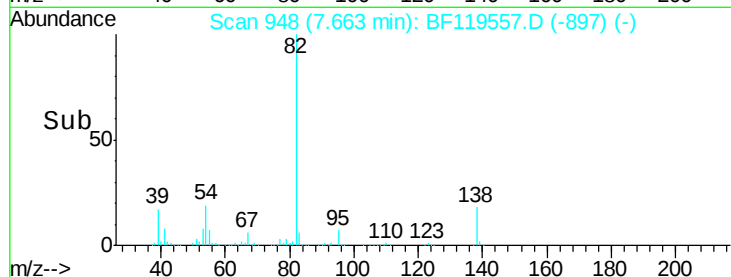
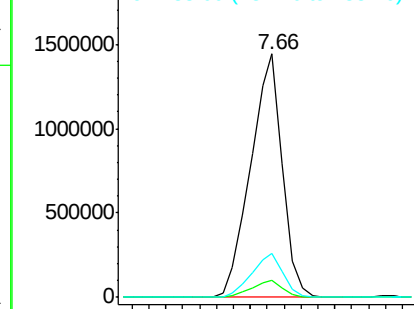
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 57.034 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

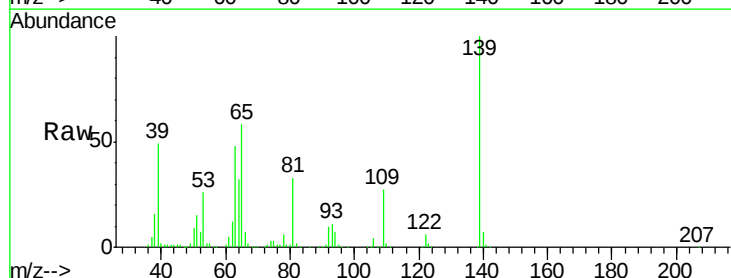
Tgt Ion: 139 Resp: 513896

Ion Ratio Lower Upper

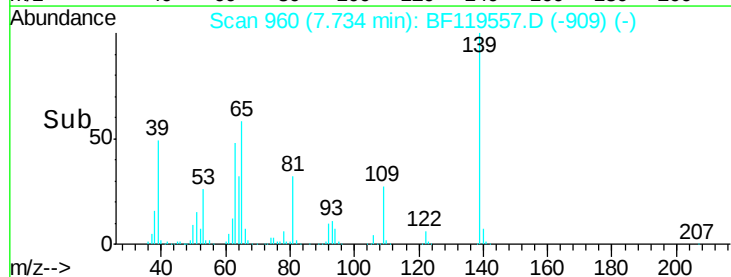
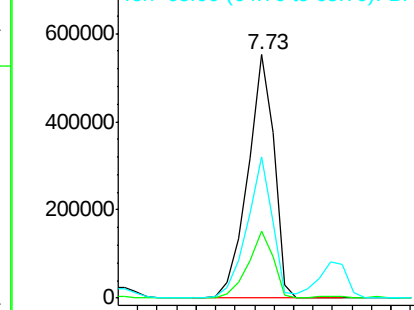
139 100

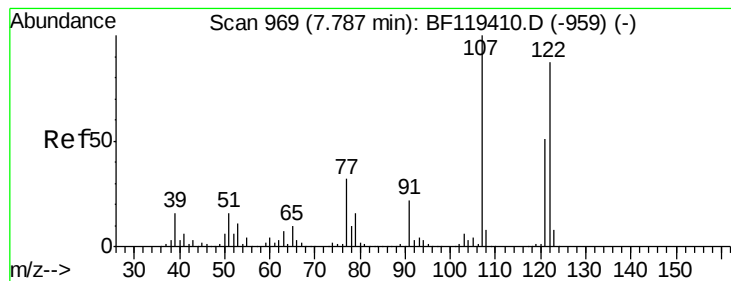
109 27.4 22.1 33.1

65 57.8 49.2 73.8



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: 45.256 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion: 122 Resp: 843173

Ion Ratio Lower Upper

122 100

107 112.1 89.0 133.6

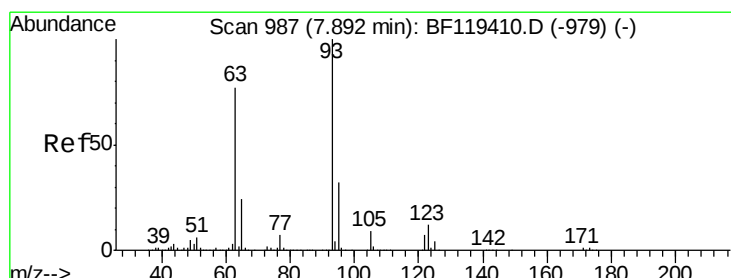
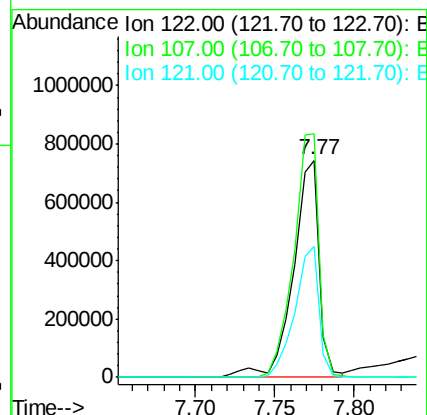
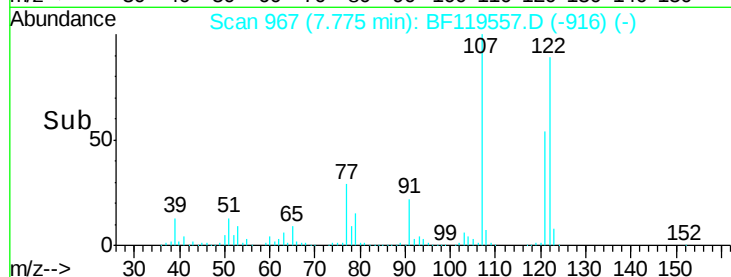
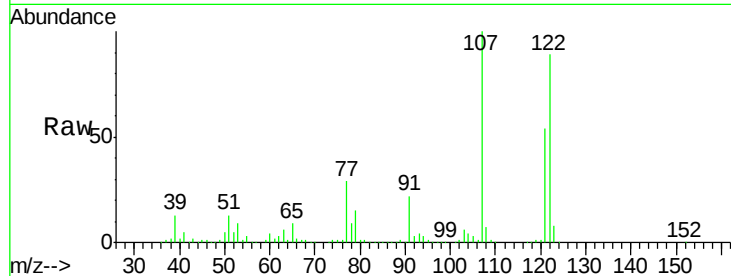
121 60.4 46.7 70.1

Manual Integrations

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mohammad

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#28

bis(2-Chloroethoxy)methane

Concen: 45.893 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

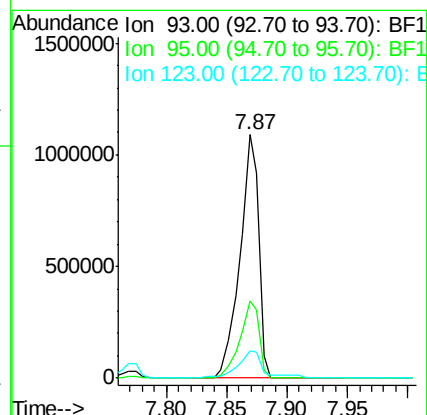
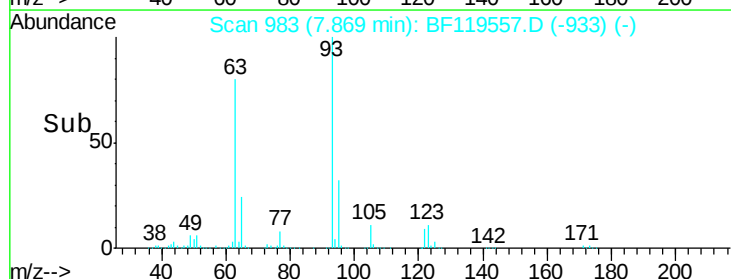
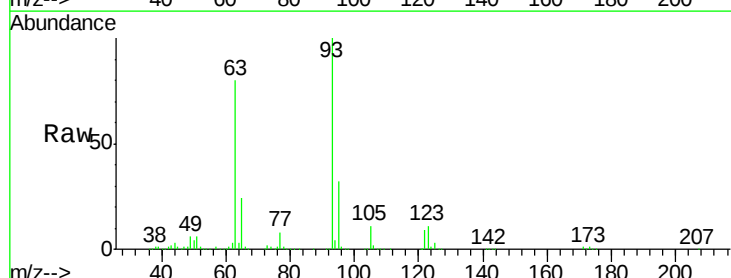
Tgt Ion: 93 Resp: 1178790

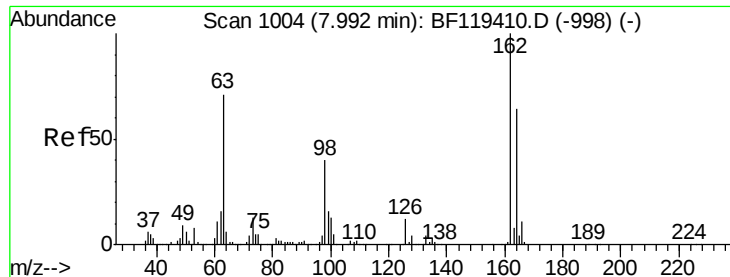
Ion Ratio Lower Upper

93 100

95 31.6 26.3 39.5

123 11.5 9.7 14.5





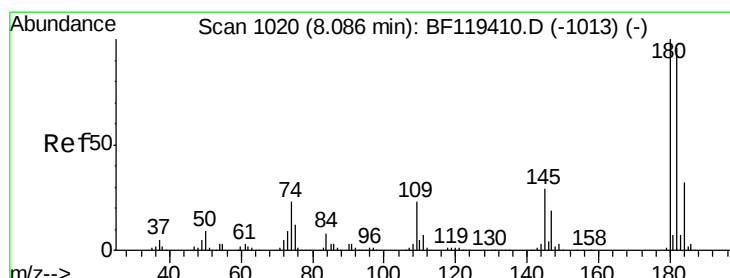
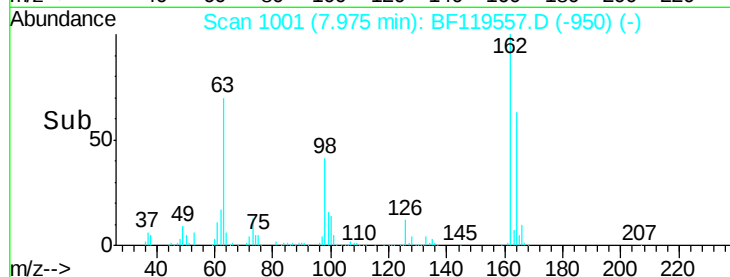
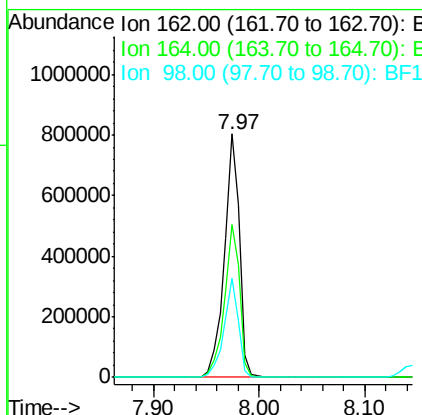
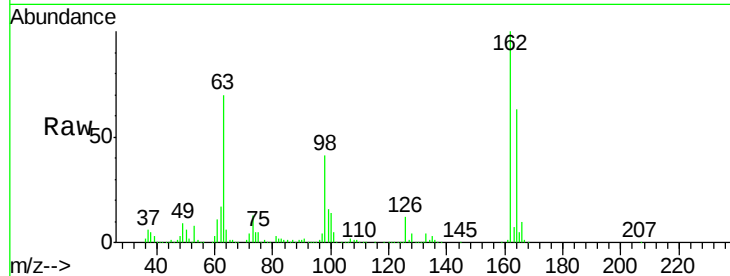
#29
2,4-Dichlorophenol
Concen: 46.678 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	799076		
164	62.5		44.7	84.7
98	40.7		20.7	60.7

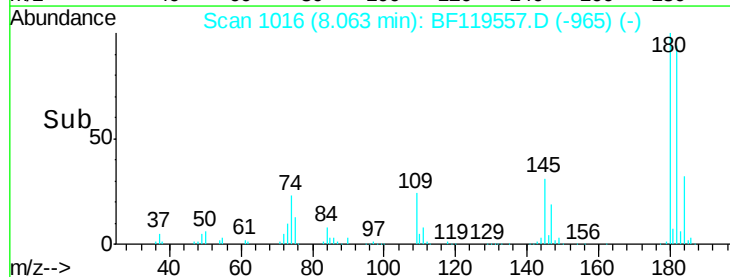
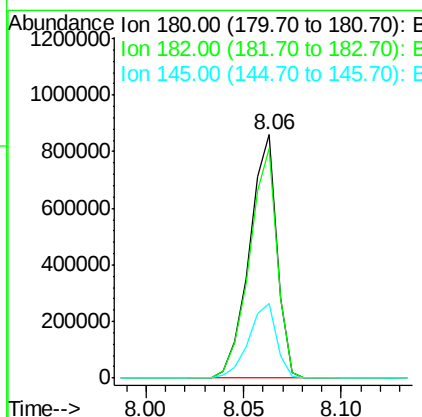
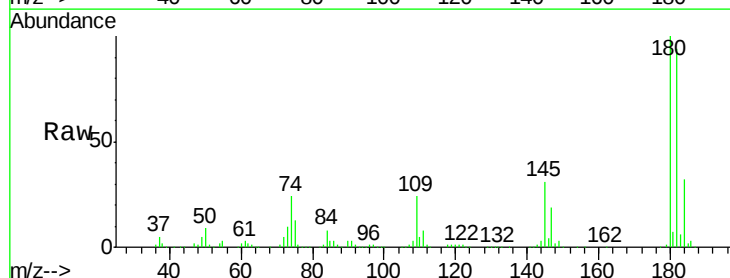
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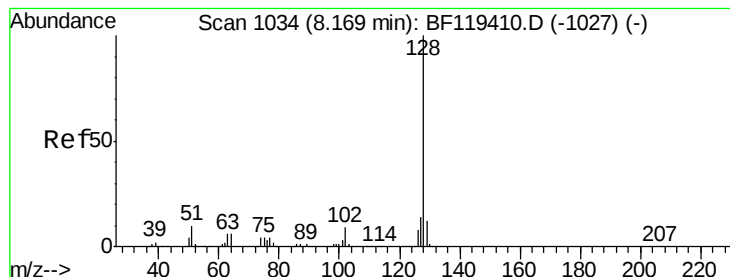
mohammad
3/30/2020 8:51:05 AM



#30
1,2,4-Trichlorobenzene
Concen: 44.389 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	840360		
182	94.4		74.7	112.1
145	30.8		24.5	36.7





#31

Naphthalene

Concen: 43.722 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:128 Resp: 2618405

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

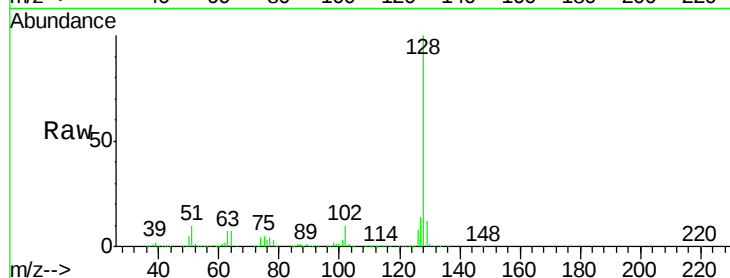
127 14.0 11.3 16.9

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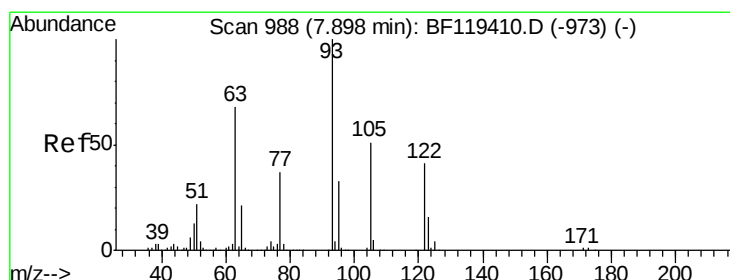
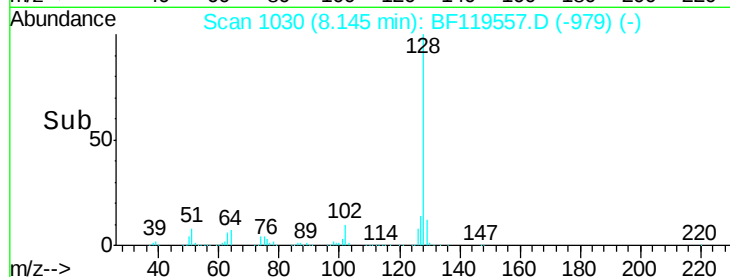
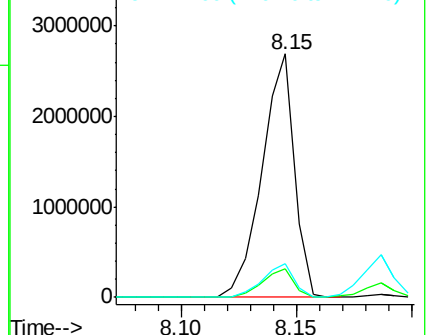
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 56.666 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

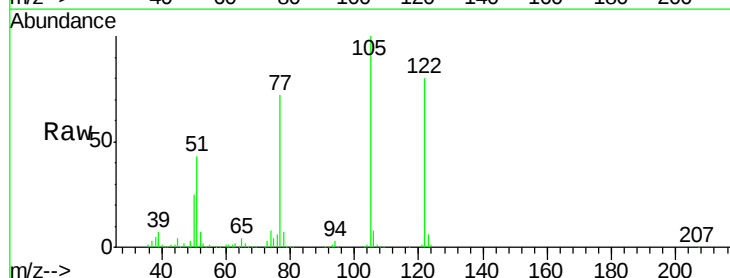
Tgt Ion:122 Resp: 679111

Ion Ratio Lower Upper

122 100

105 125.7 104.9 144.9

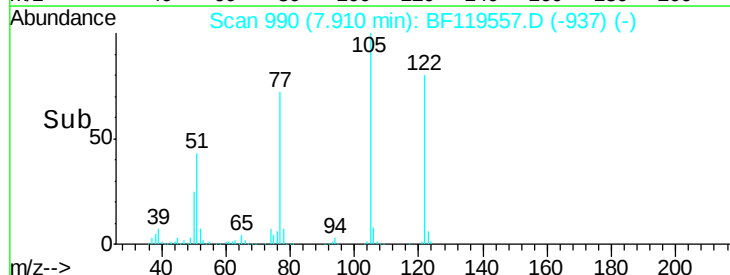
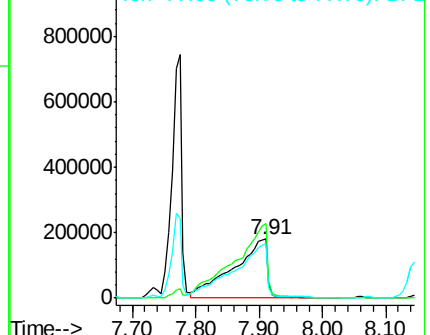
77 91.0 74.4 114.4

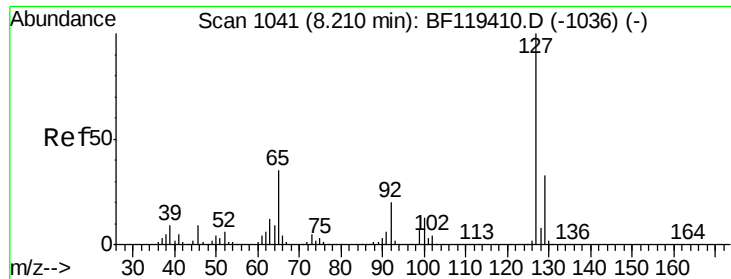


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





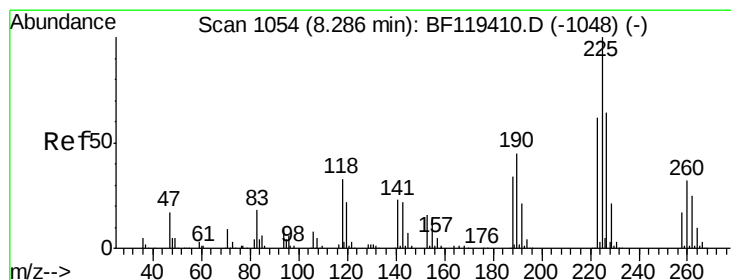
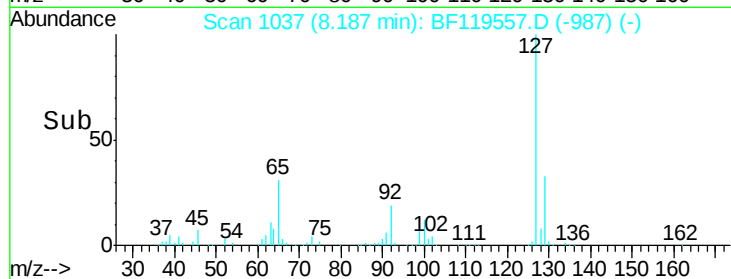
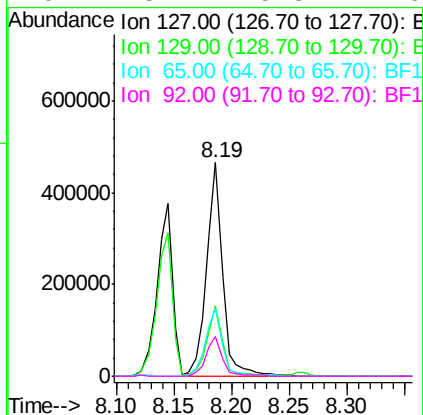
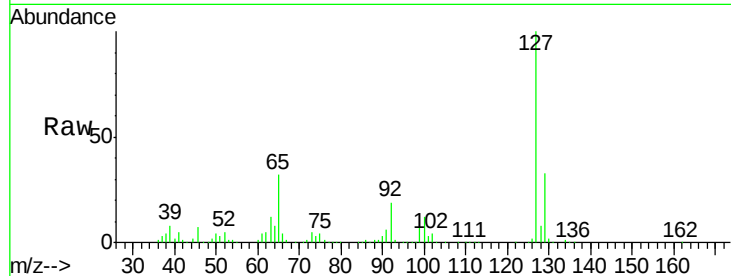
#33
4-Chloroaniline
Concen: 16.459 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.2	26.2	39.4		
65	32.1	27.4	41.0		
92	18.7	15.3	22.9		

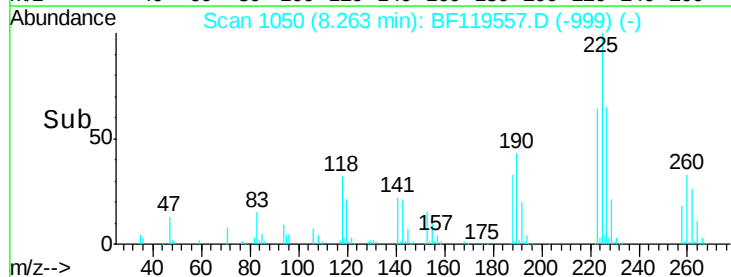
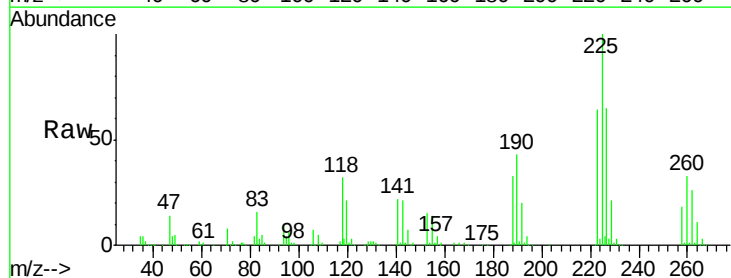
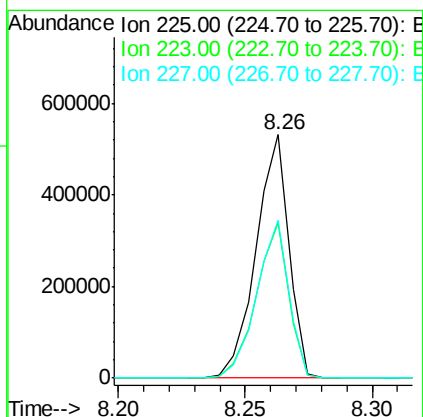
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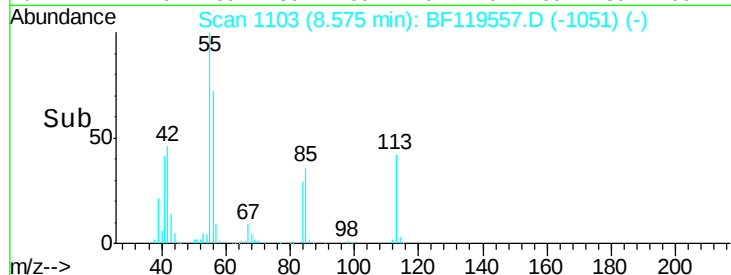
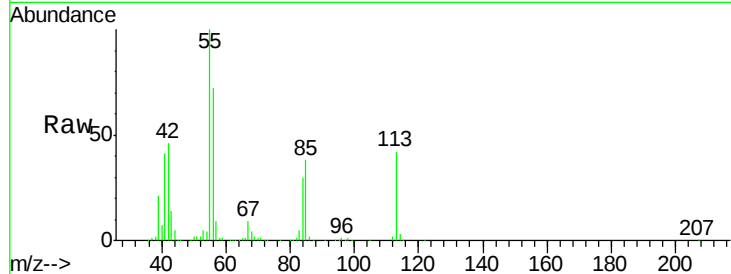
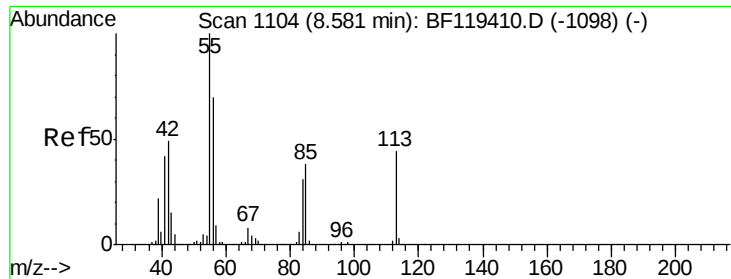
mohammad
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#34
Hexachlorobutadiene
Concen: 45.522 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	51.0	76.6		
227	64.7	50.7	76.1		





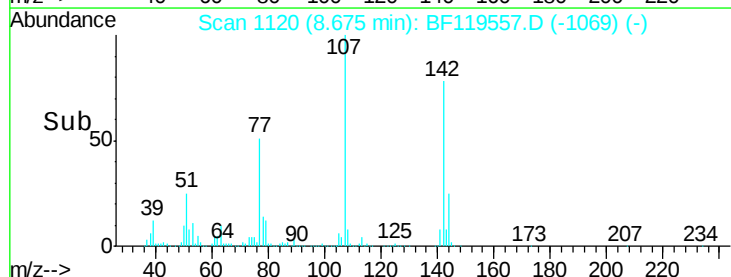
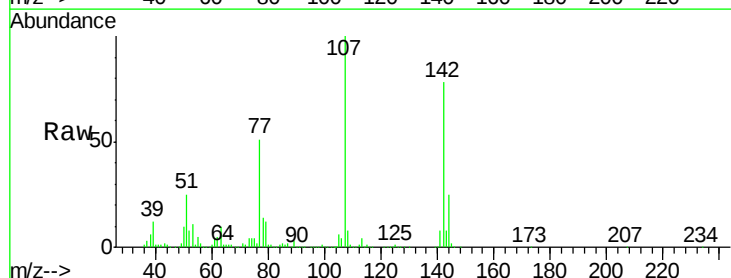
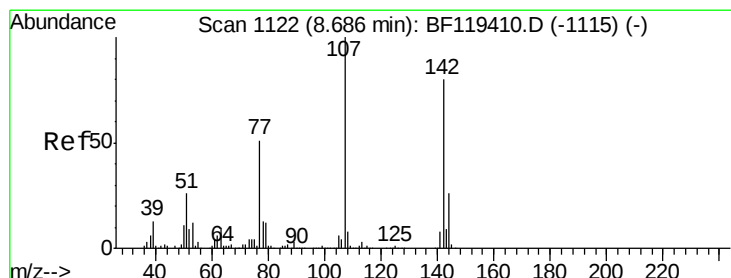
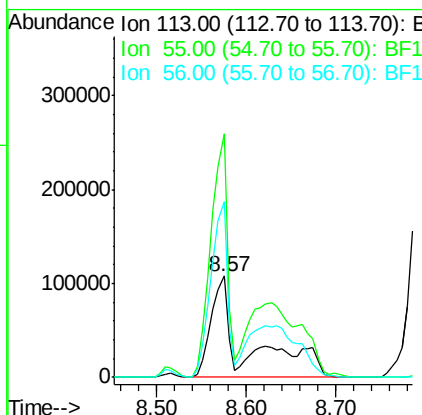
#35
Caprolactam
Concen: 51.144 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tot Ion	Ratio	Resp	Lower	Upper
113	100	286538		
55	239.9	218.4	258.4	
56	173.4	148.9	188.9	

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

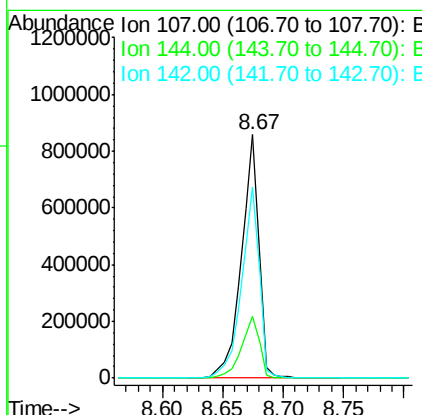
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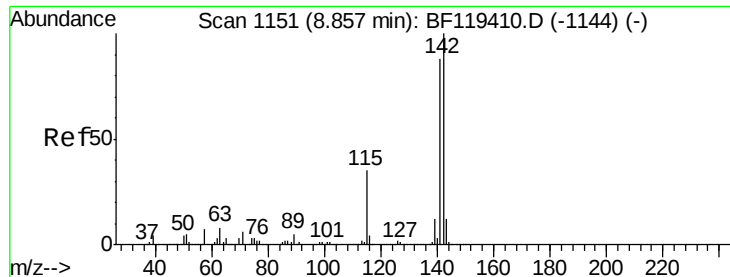
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 46.509 ng/ml
RT: 8.67 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	870201		
144	25.2	21.0	31.6	
142	78.4	64.4	96.6	





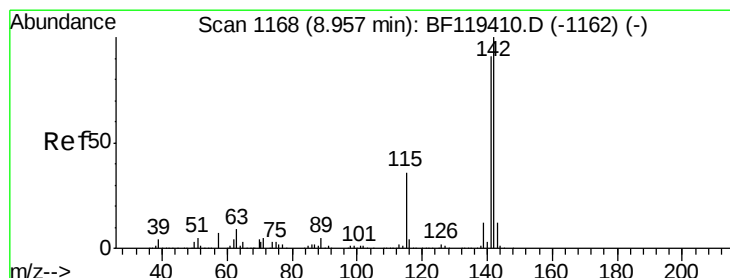
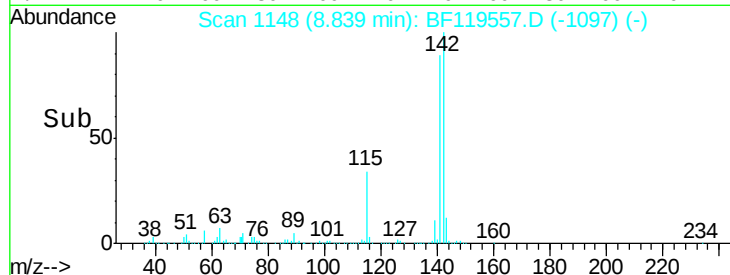
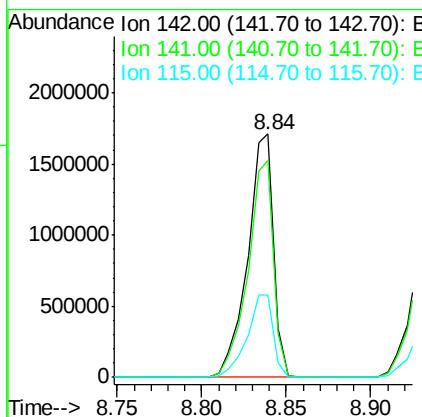
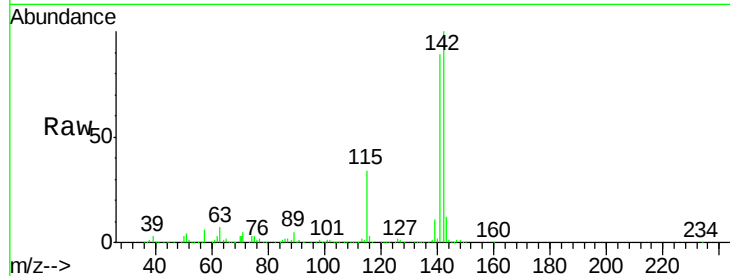
#37
2-Methylnaphthalene
Concen: 46.643 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:142 Resp: 1833274
Ion Ratio Lower Upper
142 100
141 88.9 71.7 107.5
115 33.7 27.9 41.9

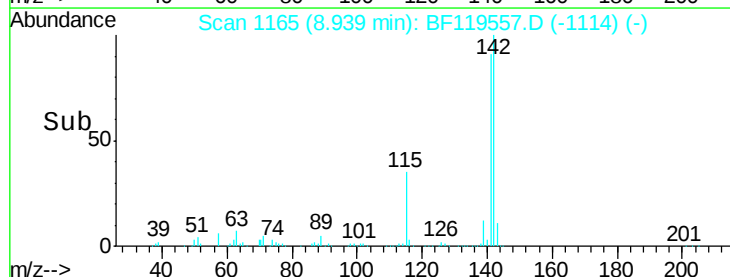
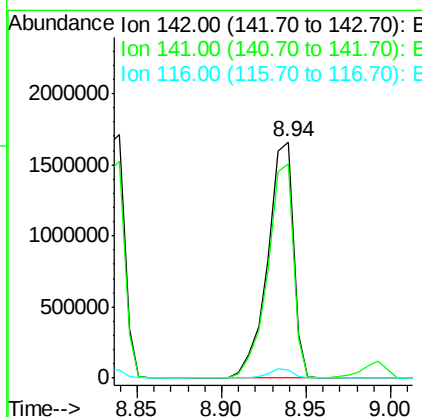
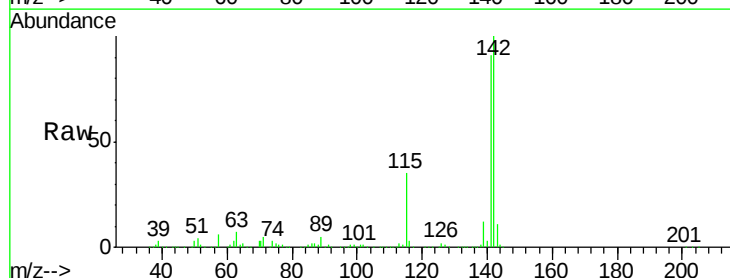
Manual Integrations
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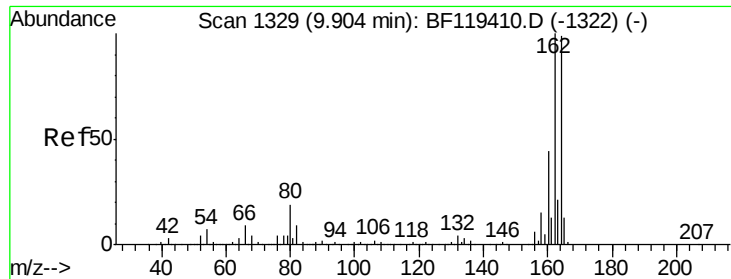
mohammad
3/30/2020 8:51:05 AM



#38
1-Methylnaphthalene
Concen: 47.036 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion:142 Resp: 1749838
Ion Ratio Lower Upper
142 100
141 90.8 73.7 110.5
116 3.5 3.0 4.6





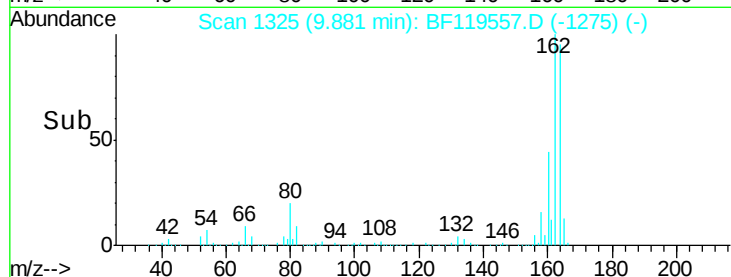
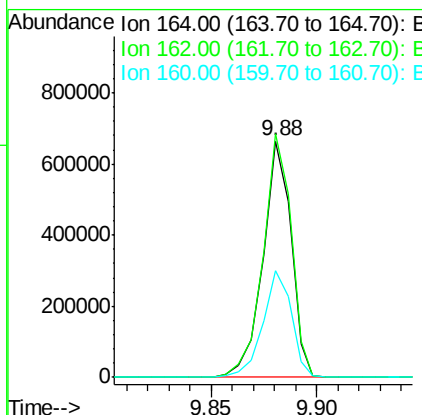
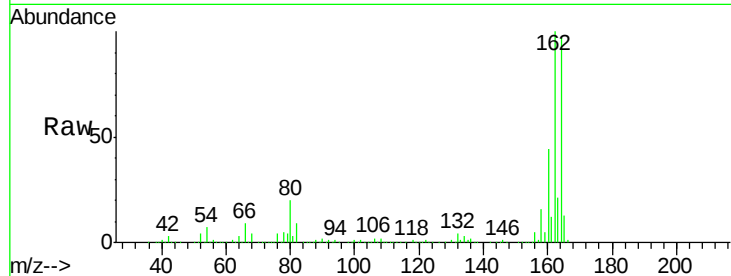
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.9	80.6	121.0	
160	45.1	35.7	53.5	

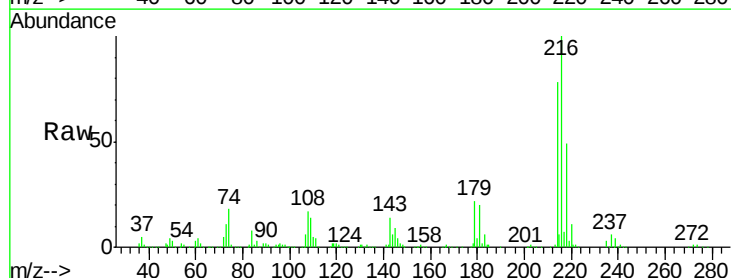
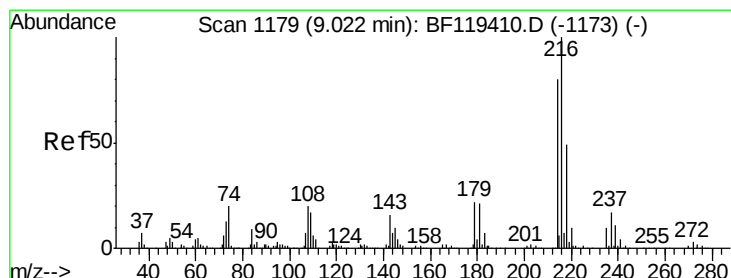
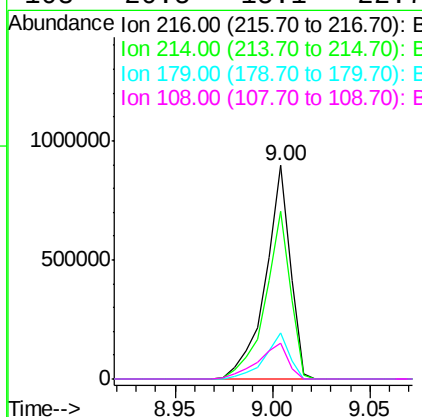
Manual Integrations
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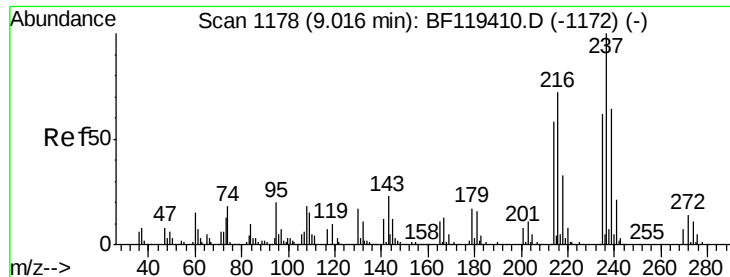
mohammad
 3/30/2020 8:51:05 AM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.417 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.0	63.2	94.8	
179	21.3	17.1	25.7	
108	20.5	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 91.142 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :

BNA_F

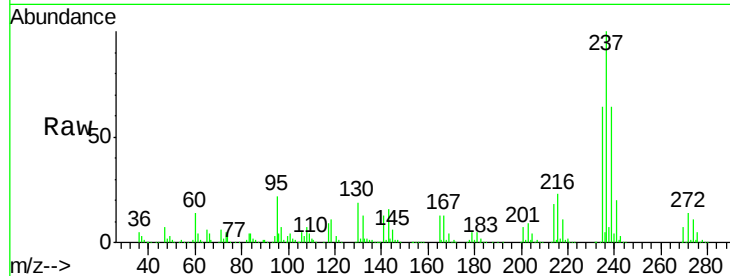
ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

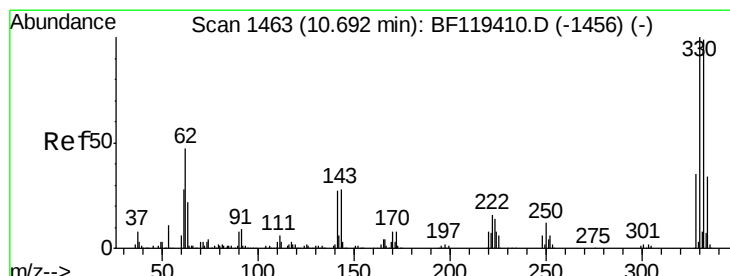
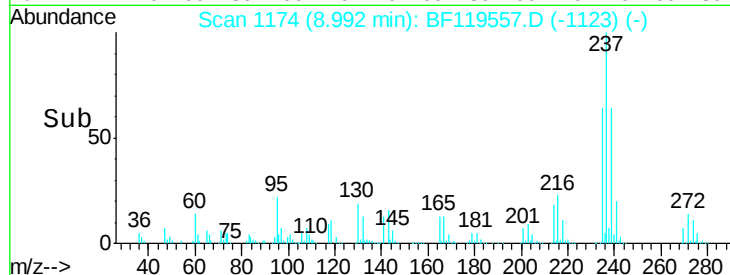
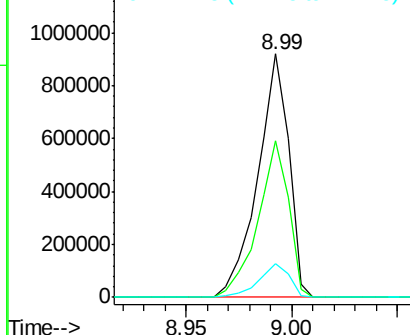
Tot Ion:	237	Resp:	940330
Ion Ratio	Lower	Upper	
237	100		
235	64.4	43.2	83.2
272	13.7	0.0	34.1

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



#42

2,4,6-Tribromophenol

Concen: 130.365 ng

RT: 10.67 min Scan# 1460

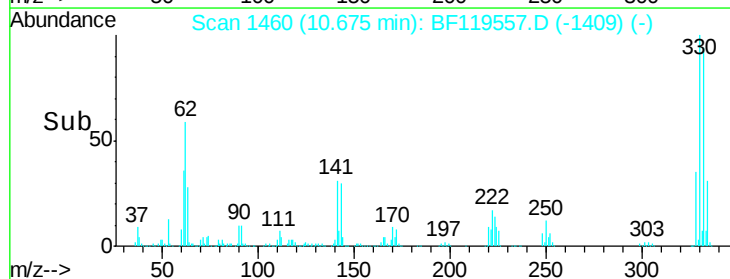
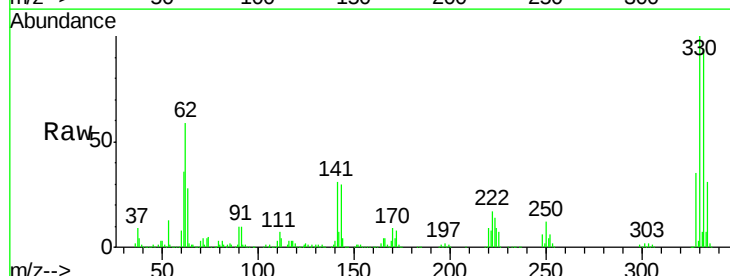
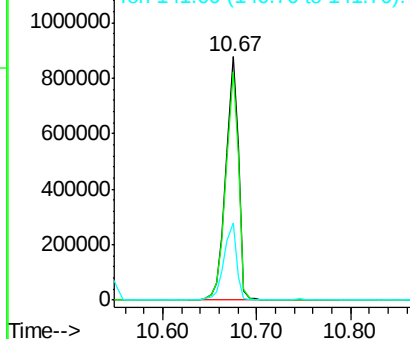
Delta R.T. 0.00 min

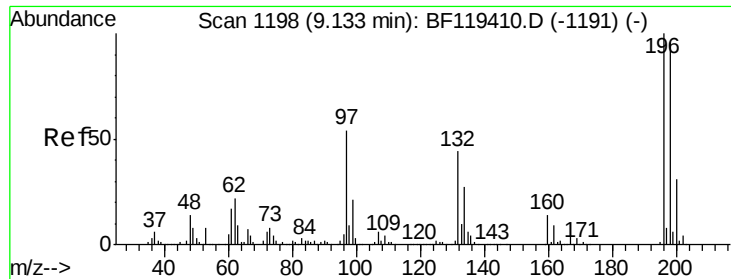
Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Tgt Ion:	330	Resp:	832705
Ion Ratio	Lower	Upper	
330	100		
332	94.1	75.7	113.5
141	31.2	25.4	38.0

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





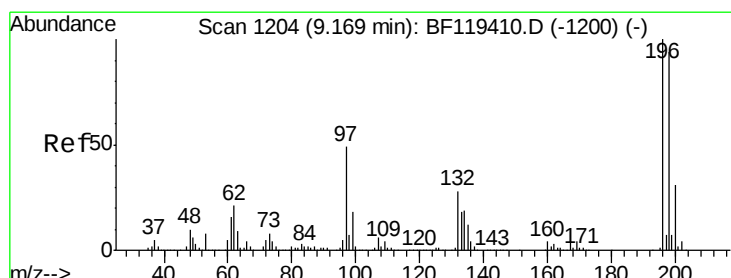
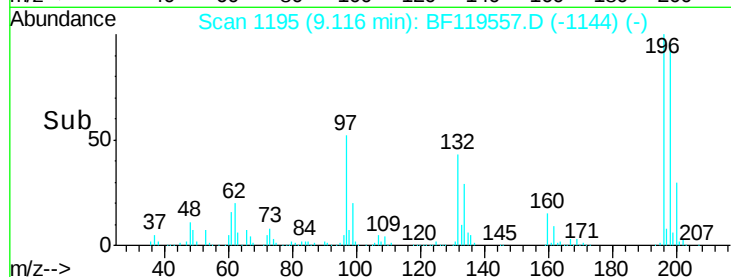
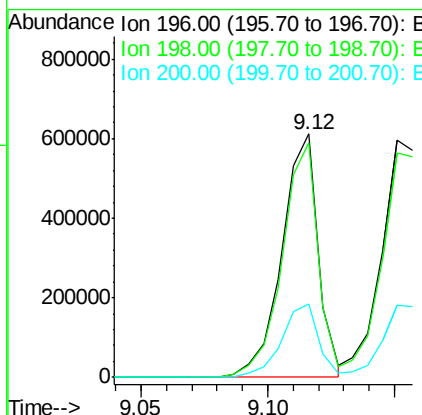
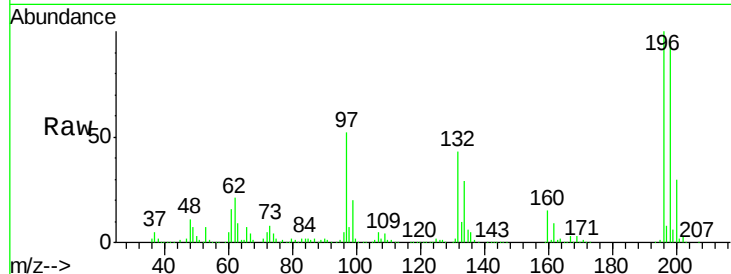
#43
 2,4,6-Trichlorophenol
 Concen: 46.836 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	608253		
198	96.2	76.6	115.0	
200	30.3	24.6	36.8	

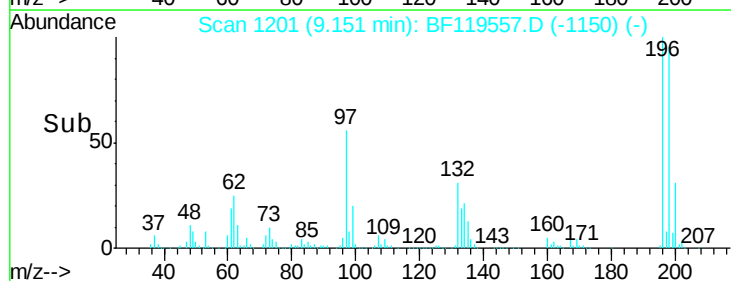
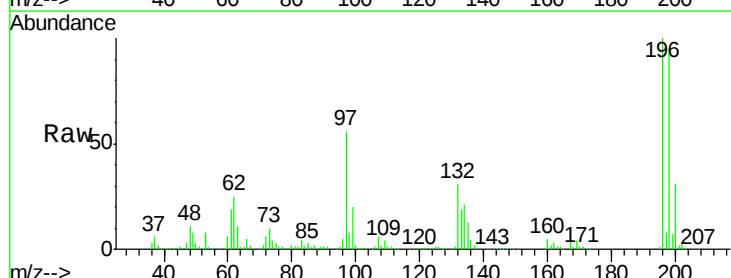
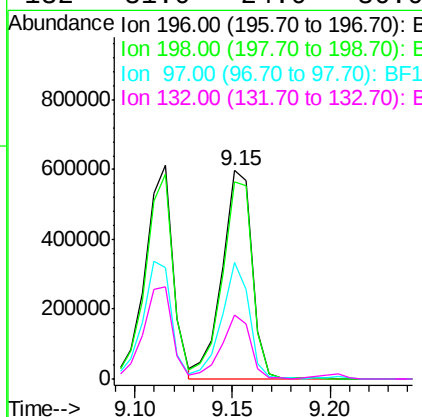
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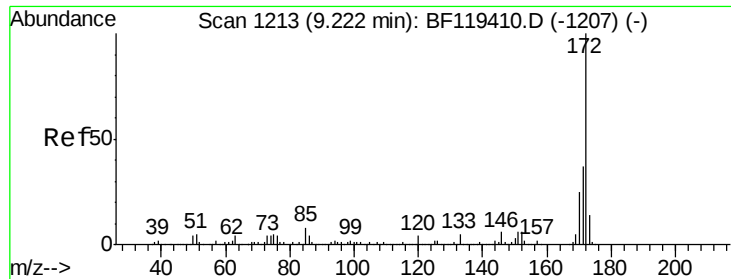
mohammad
 3/30/2020 8:51:05 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.804 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	637278		
198	94.6	73.8	110.8	
97	55.8	42.6	63.8	
132	31.0	24.0	36.0	





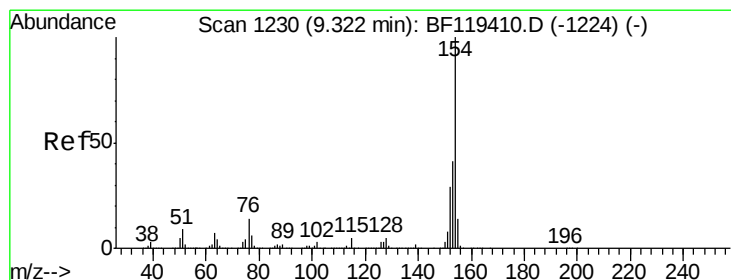
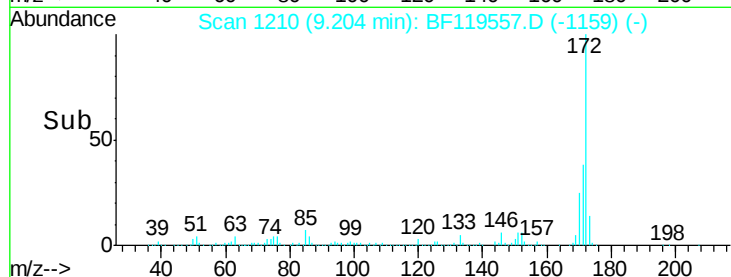
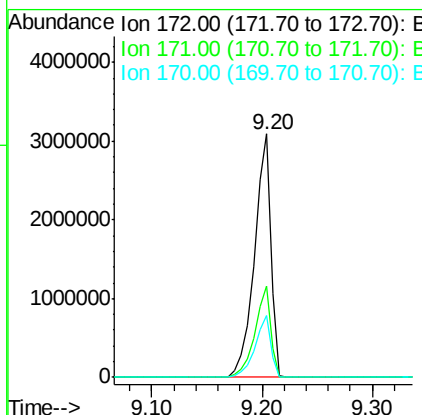
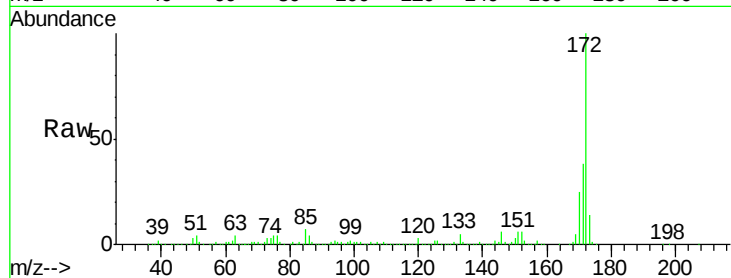
#45
2-Fluorobiphenyl
Concen: 77.134 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.6	44.4
170	25.3	20.2	30.2

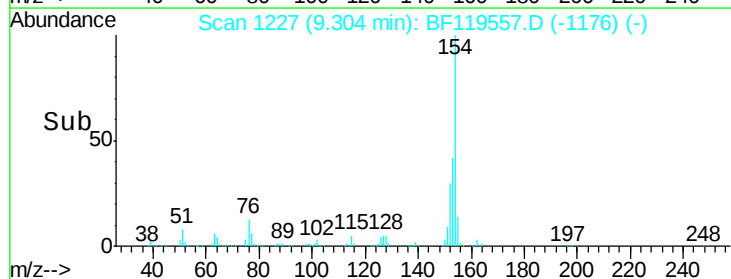
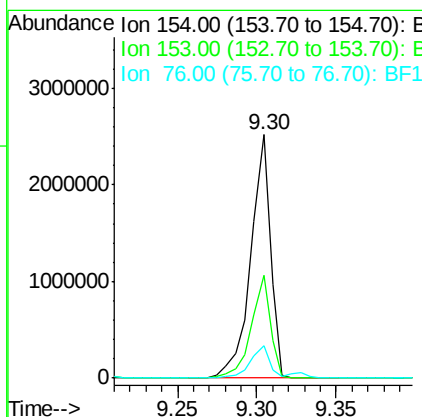
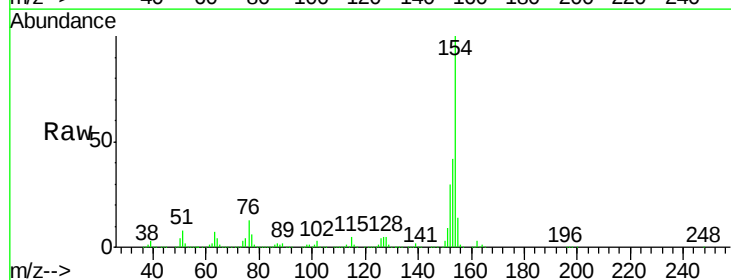
Manual Integrations
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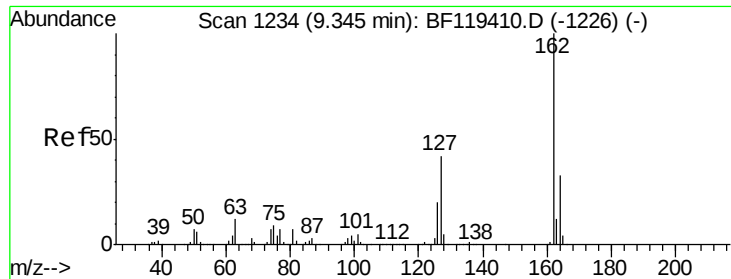
mohammad
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#46
1,1'-Biphenyl
Concen: 43.101 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.4	61.4
76	13.2	0.0	33.0





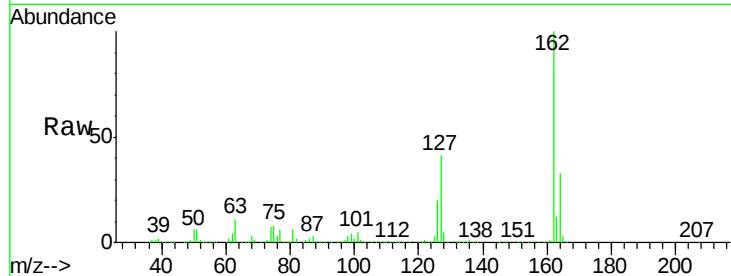
#47
2-Chloronaphthalene
Concen: 43.413 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

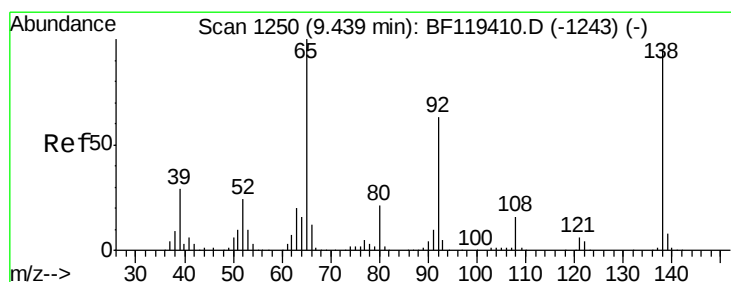
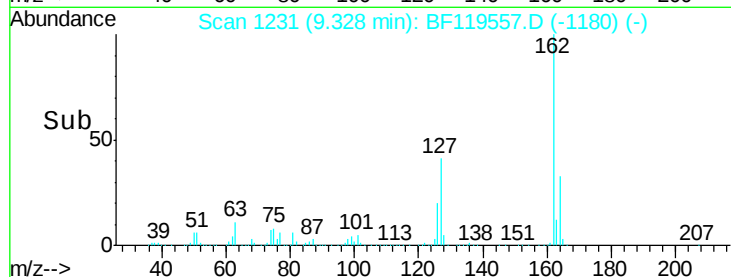
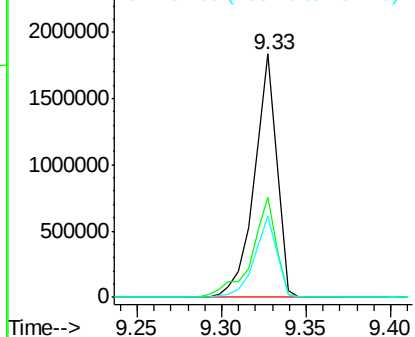
Tot Ion:162 Resp: 1714785
Ion Ratio Lower Upper
162 100
127 41.3 33.7 50.5
164 33.3 26.3 39.5

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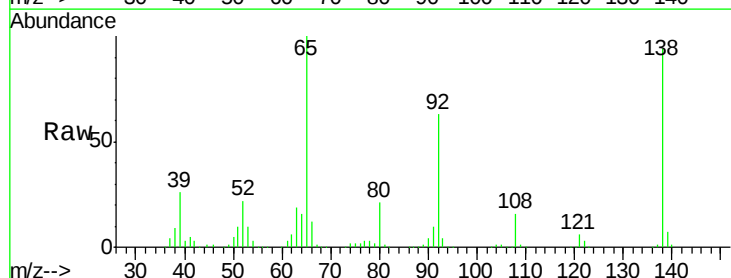


Abundance Ion 162.00 (161.70 to 162.70): E
2500000
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

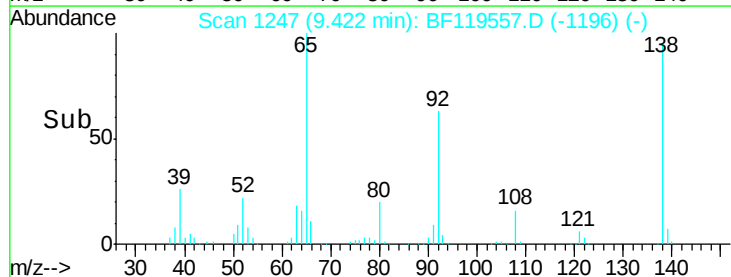
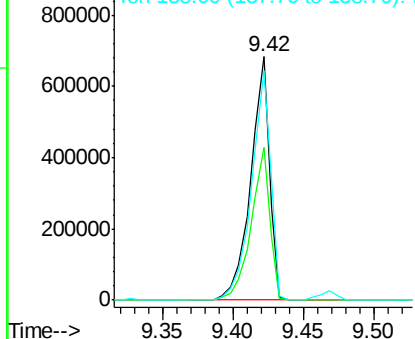


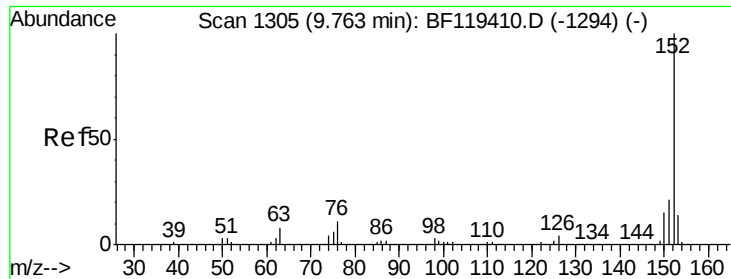
#48
2-Nitroaniline
Concen: 46.980 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion: 65 Resp: 640518
Ion Ratio Lower Upper
65 100
92 62.9 50.0 75.0
138 94.3 75.0 112.4



Abundance Ion 65.00 (64.70 to 65.70): BF1
800000
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.032 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:152 Resp: 2669198

Ion Ratio Lower Upper

152 100

151 21.3 17.2 25.8

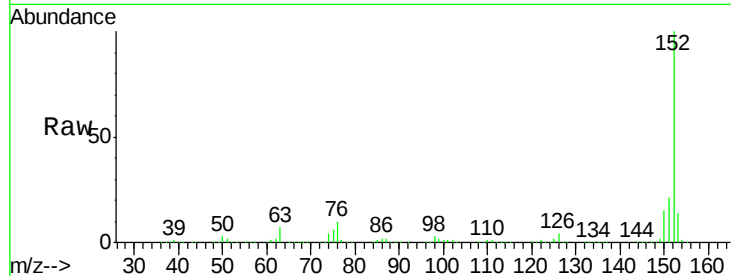
153 14.1 11.2 16.8

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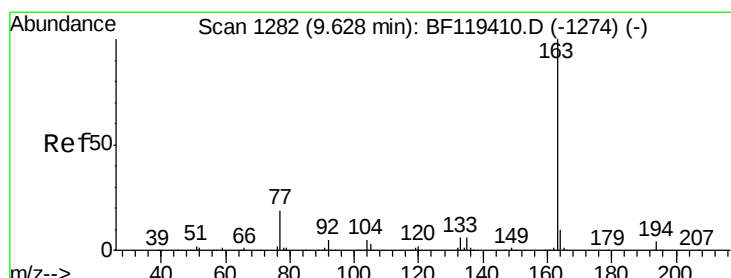
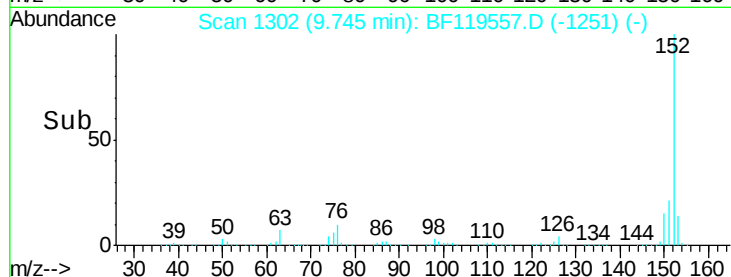
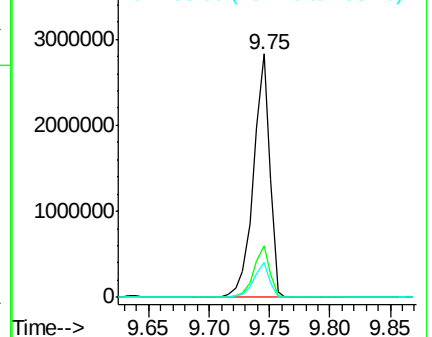
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.069 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

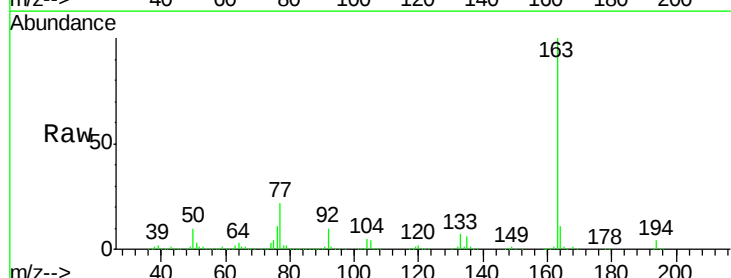
Tgt Ion:163 Resp: 2157961

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

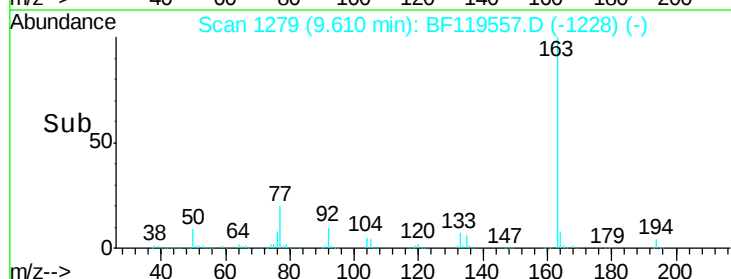
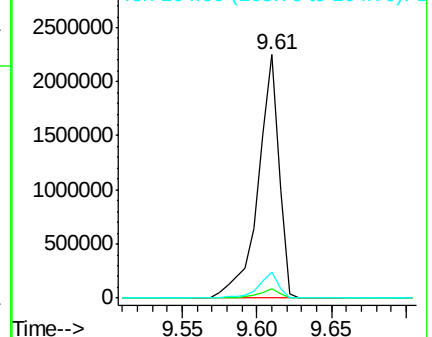
164 10.8 8.2 12.2

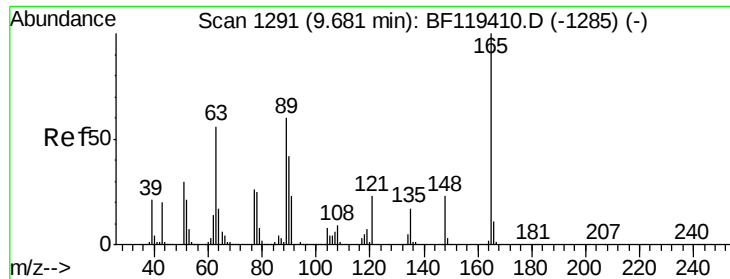


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





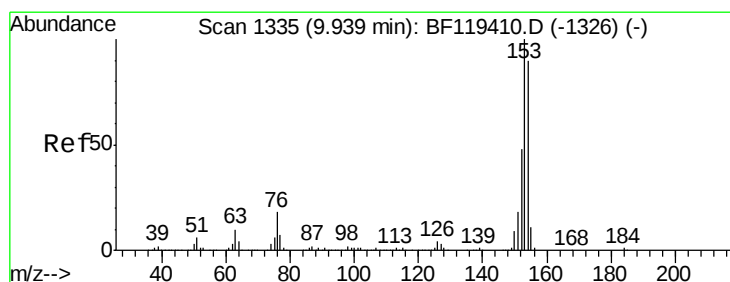
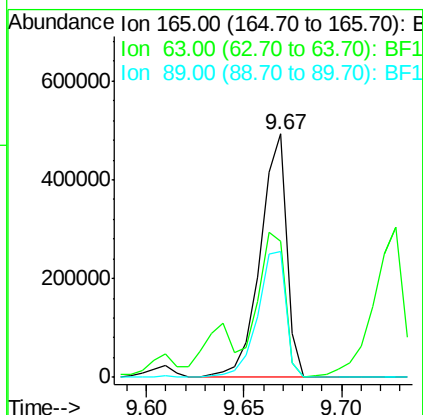
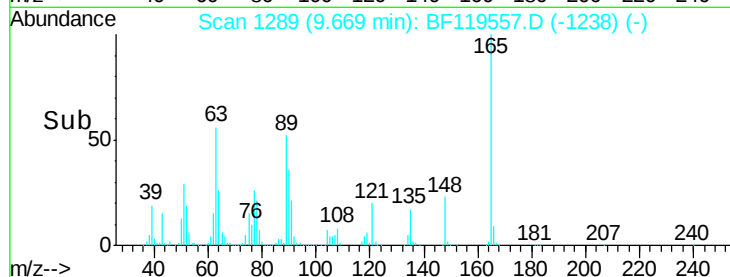
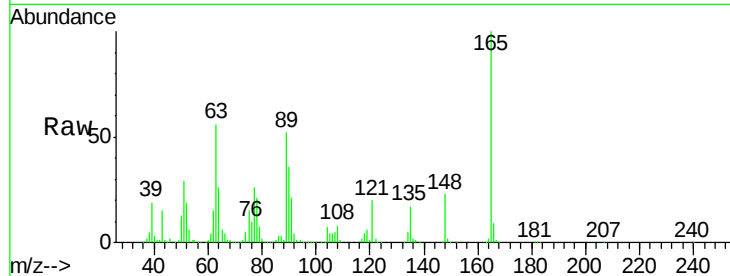
#51
2,6-Dinitrotoluene
Concen: 49.136 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	463176		
63	55.9	45.0	67.4	
89	51.6	41.5	62.3	

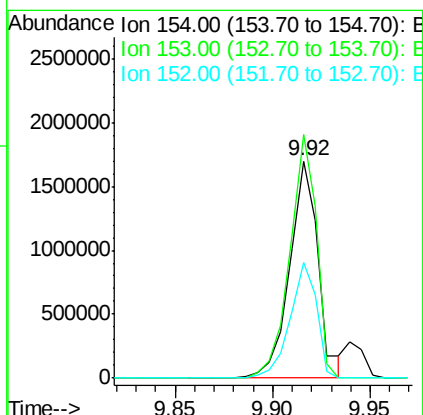
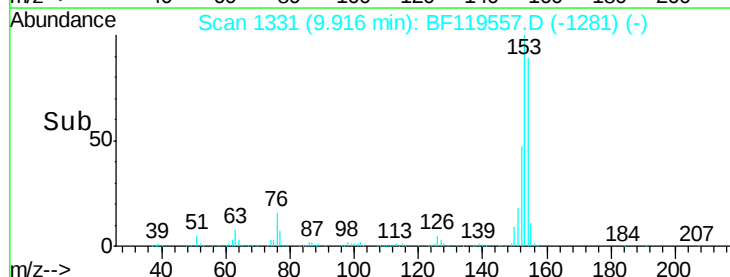
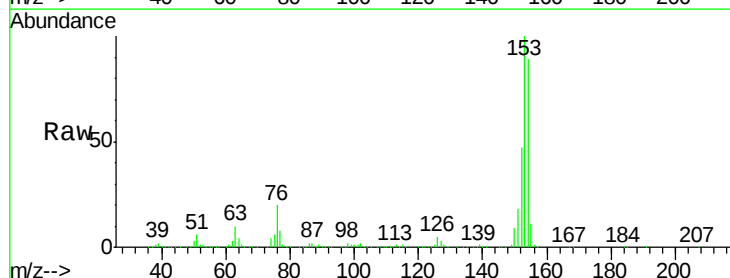
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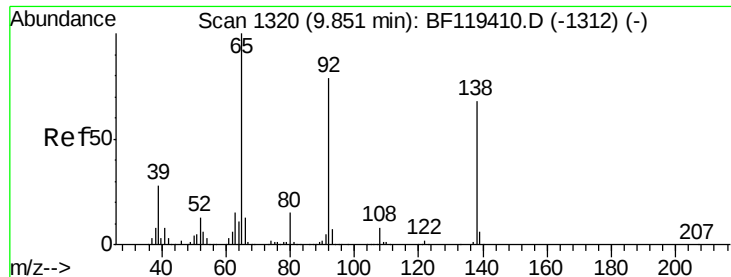
mohammad
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#52
Acenaphthene
Concen: 44.145 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1707061		
153	112.1	88.1	132.1	
152	53.2	43.0	64.4	





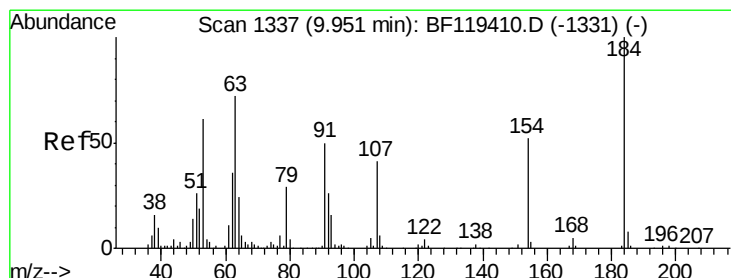
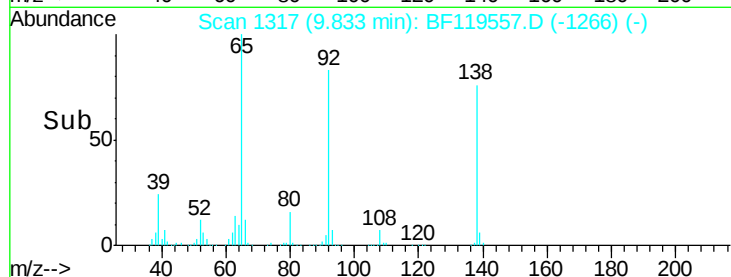
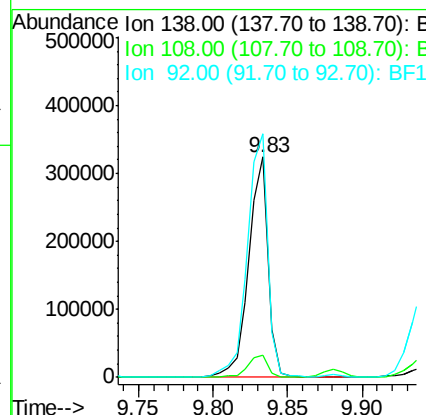
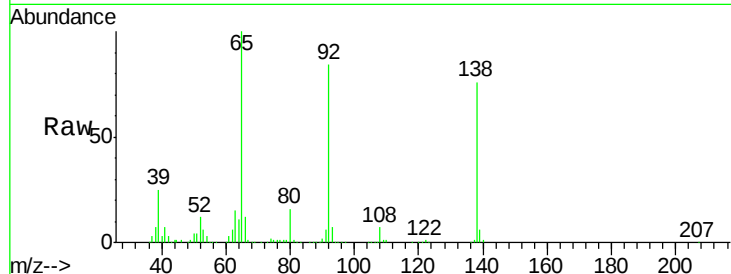
#53
3-Nitroaniline
Concen: 24.589 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	292624		
108	9.8	8.6	13.0	
92	110.6	95.4	143.0	

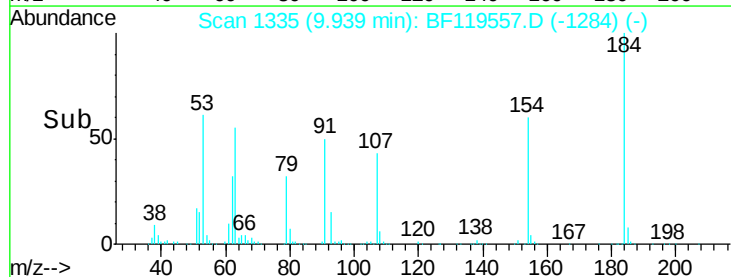
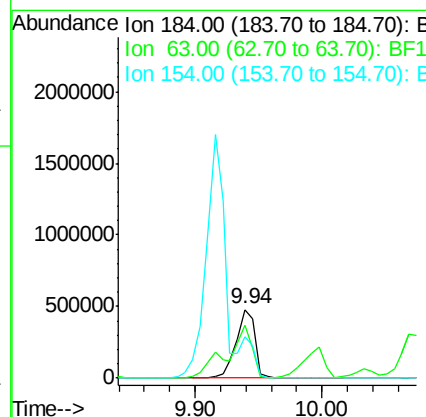
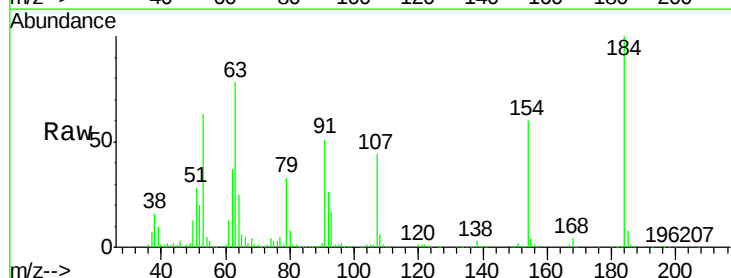
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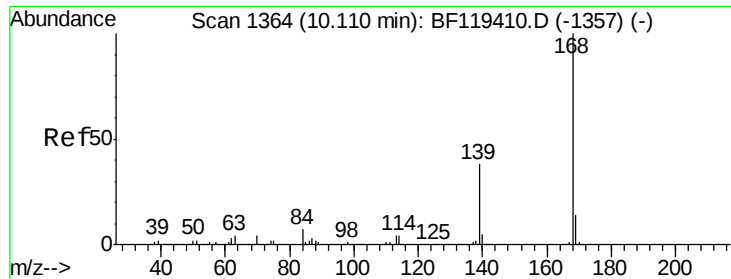
mohammad
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#54
2,4-Dinitrophenol
Concen: 115.951 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	487613		
63	78.1	50.2	75.4#	
154	59.7	44.5	66.7	





#55

Dibenzofuran

Concen: 43.489 ng

RT: 10.09 min Scan# 1361

Delta R.T. -0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:168 Resp: 2411093

Ion Ratio Lower Upper

168 100

139 37.7 30.1 45.1

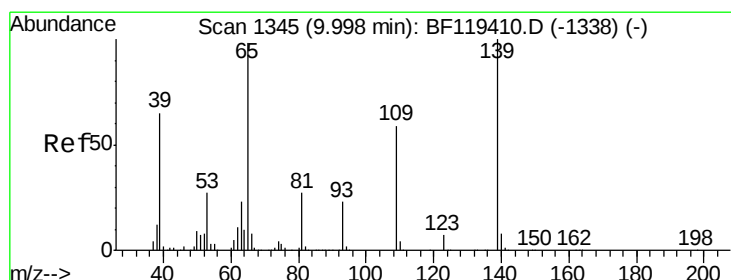
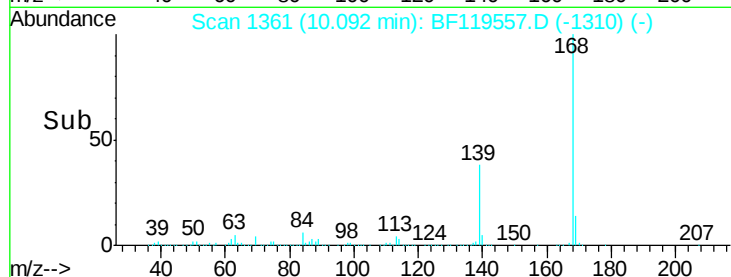
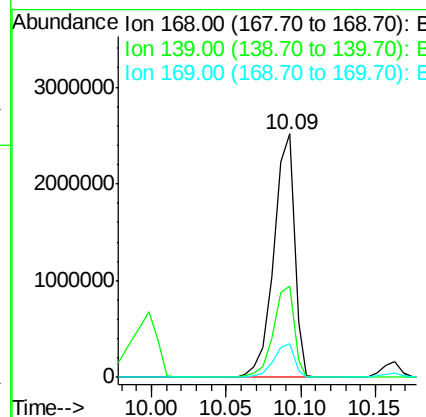
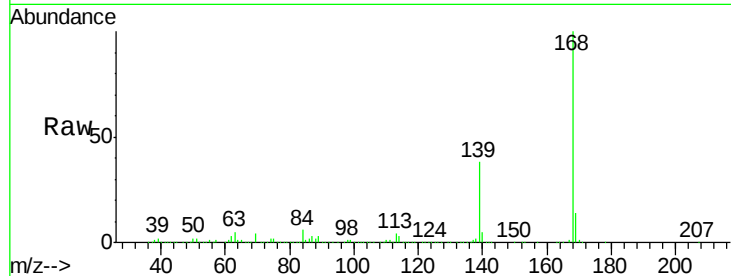
169 13.9 11.0 16.6

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#56

4-Nitrophenol

Concen: 88.229 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

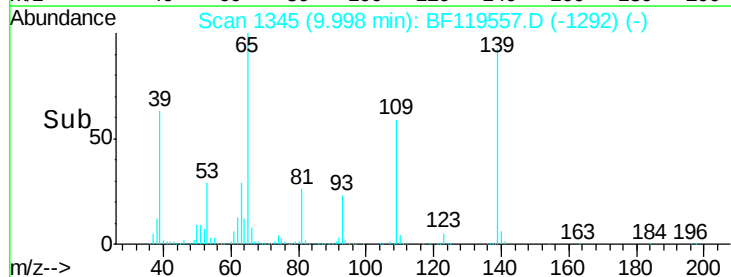
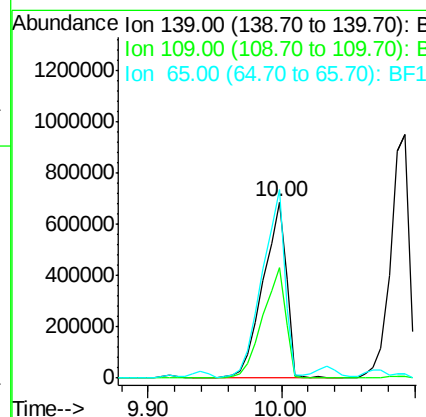
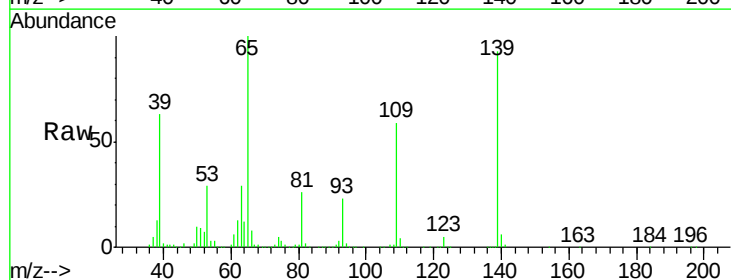
Tgt Ion:139 Resp: 828301

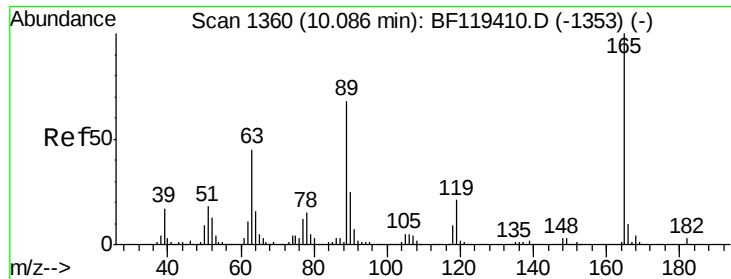
Ion Ratio Lower Upper

139 100

109 63.2 43.3 83.3

65 107.5 91.0 131.0





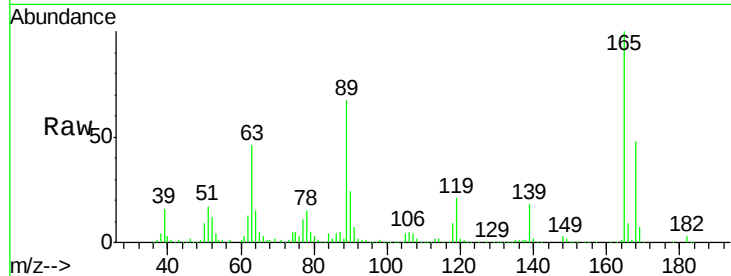
#57
2,4-Dinitrotoluene
Concen: 52.565 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

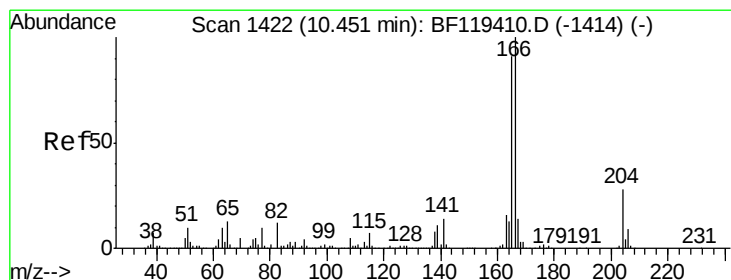
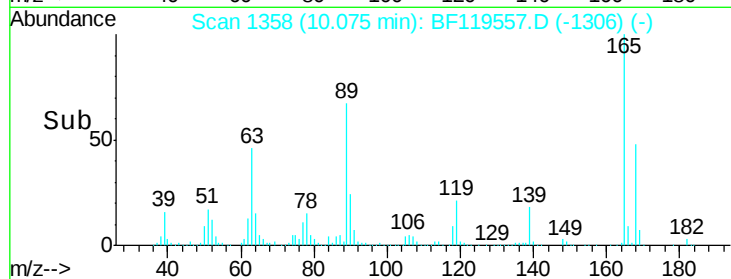
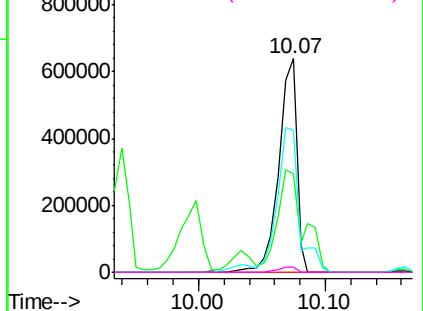
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		624196		
63	46.4		42.6	64.0	
89	66.5		61.0	91.4	
182	2.6		2.2	3.2	

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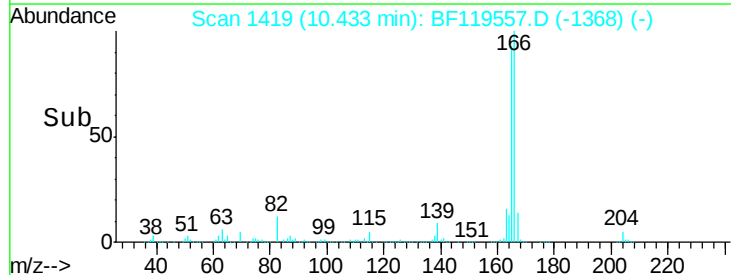
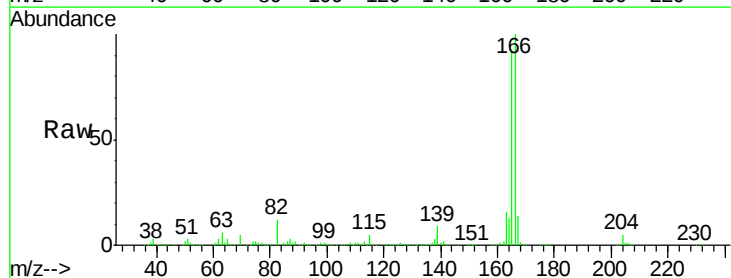
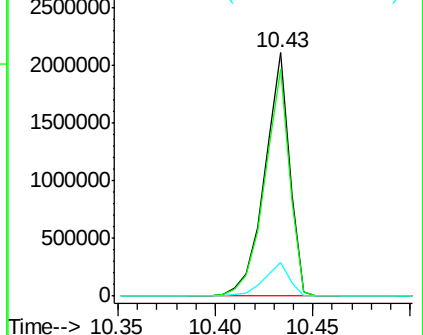
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

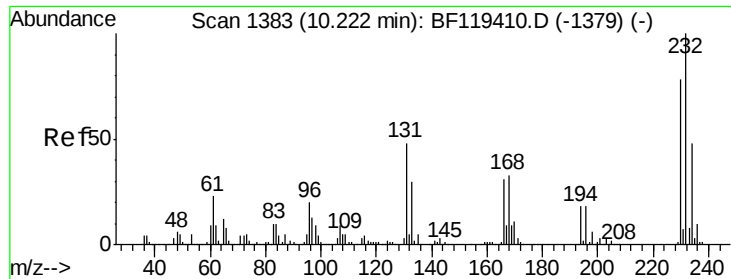


#58
Fluorene
Concen: 45.304 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1857419		
165	93.4		75.4	113.2	
167	13.8		11.2	16.8	

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





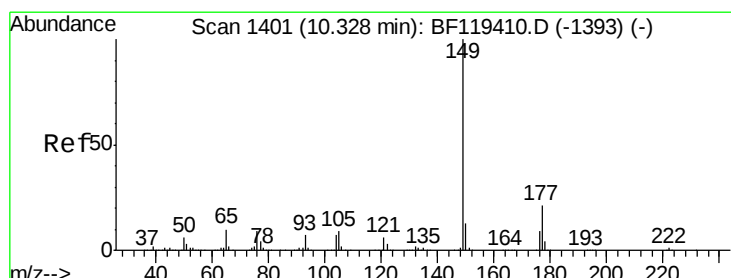
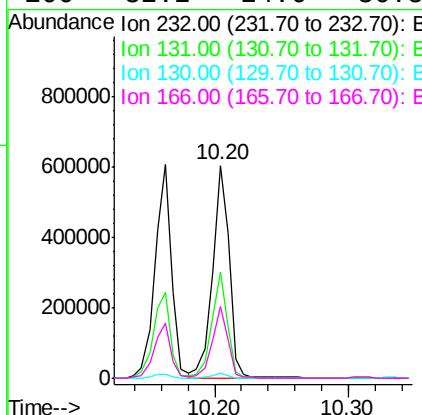
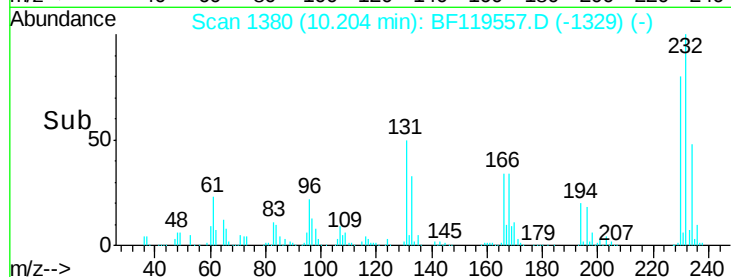
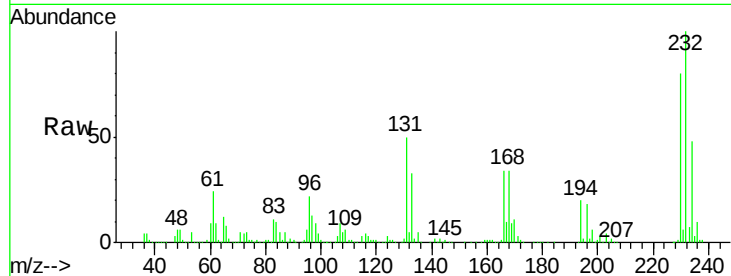
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.844 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:	232	Resp:	531164
Ion Ratio	Lower	Upper	
232	100		
131	46.8	37.5	56.3
130	2.2	1.8	2.6
166	32.2	24.6	36.8

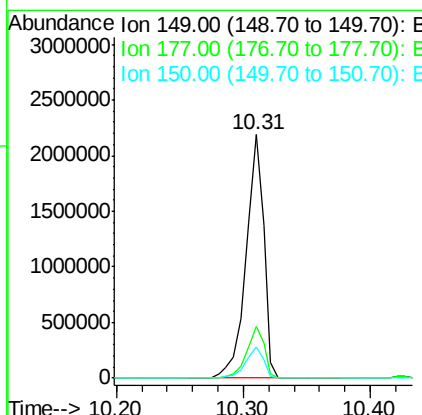
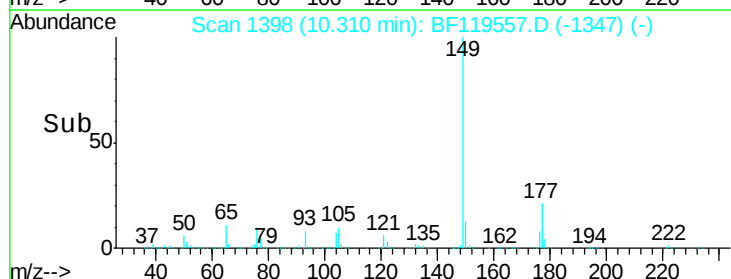
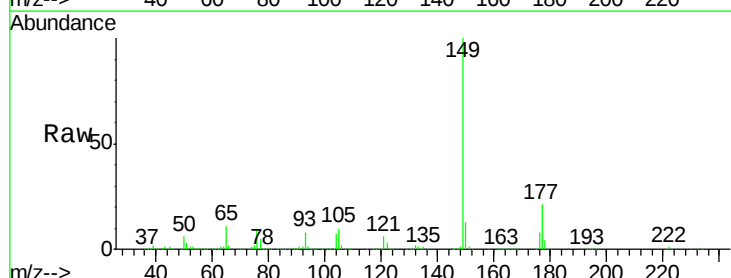
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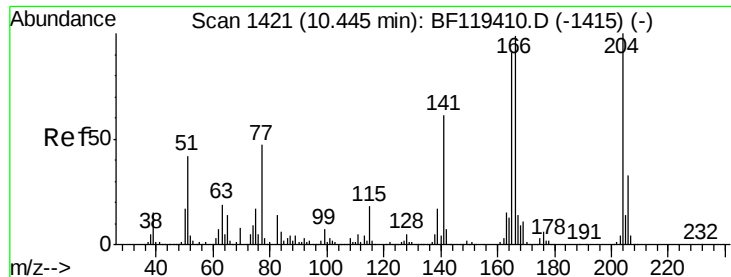
mohammad
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#60
 Diethylphthalate
 Concen: 47.228 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Tgt Ion:	149	Resp:	2108041
Ion Ratio	Lower	Upper	
149	100		
177	21.4	17.0	25.6
150	12.9	10.1	15.1





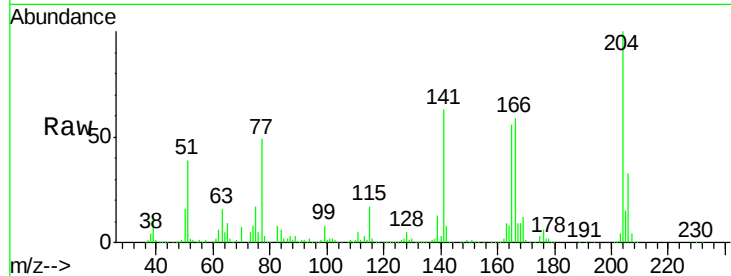
#61
4-Chlorophenyl-phenylether
Concen: 45.164 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

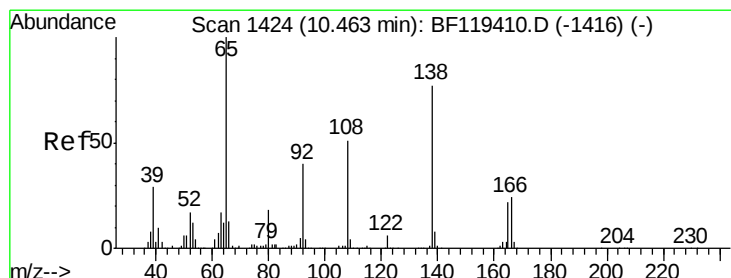
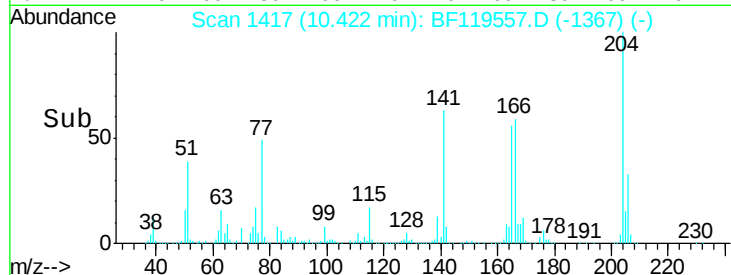
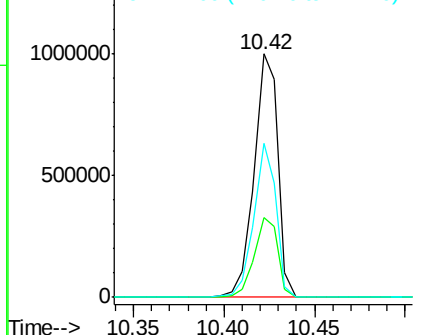
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.7	40.1
141	63.0	47.3	70.9

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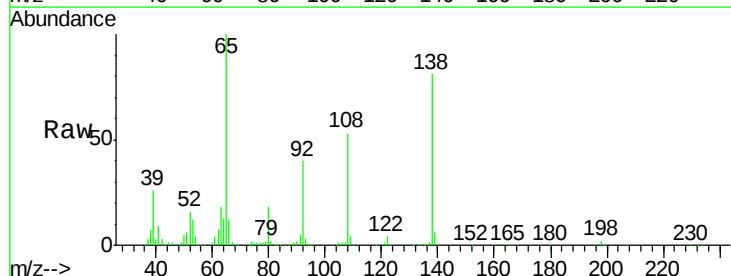


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

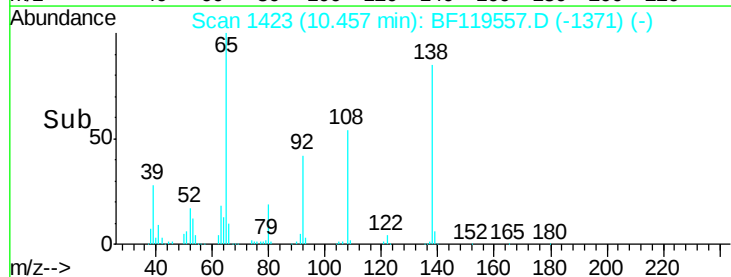
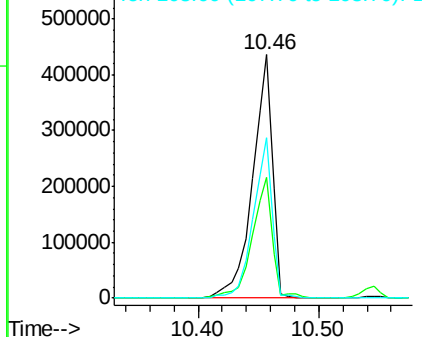


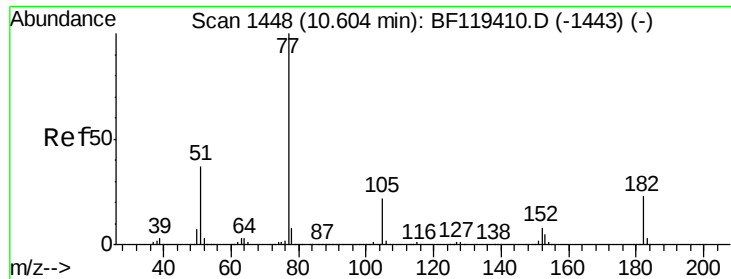
#62
4-Nitroaniline
Concen: 43.870 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	31.5	71.5
108	66.1	45.8	85.8



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





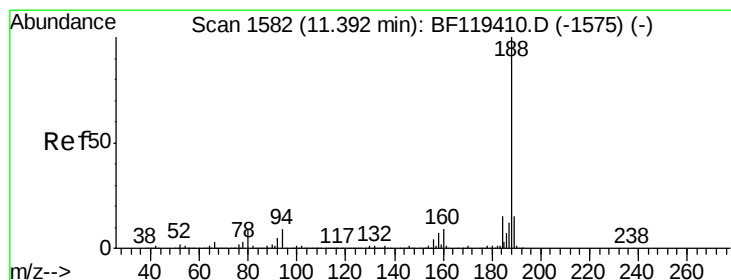
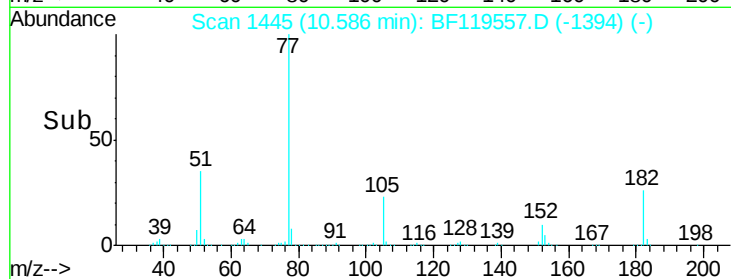
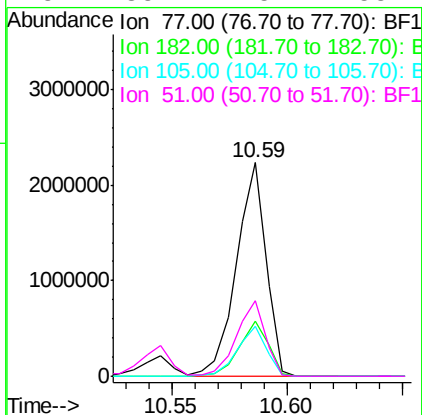
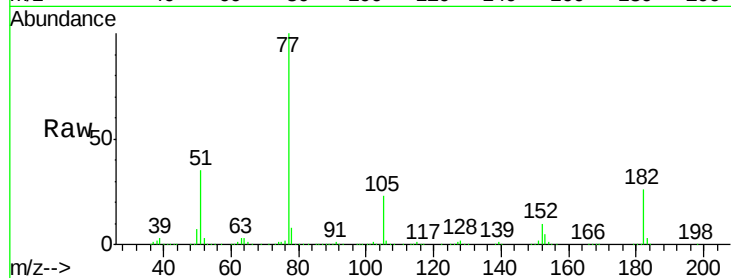
#63
Azobenzene
Concen: 44.458 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion: 77 Resp: 1998319
Ion Ratio Lower Upper
77 100
182 25.6 4.4 44.4
105 23.4 2.6 42.6
51 35.1 15.1 55.1

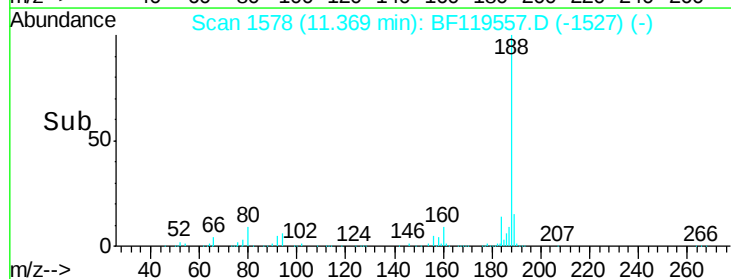
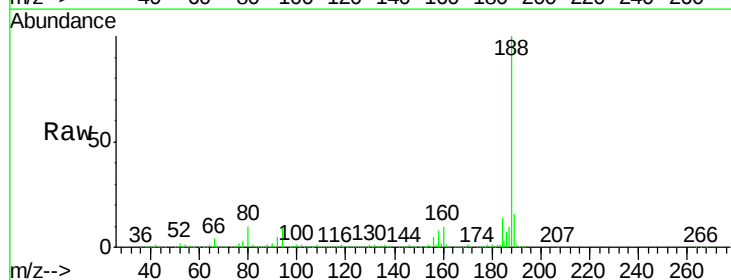
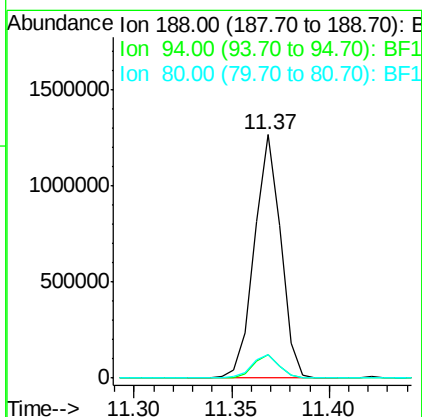
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion: 188 Resp: 1189503
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 9.6 9.0 13.4





#65

4,6-Dinitro-2-methylphenol

Concen: 65.505 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :

BNA_F

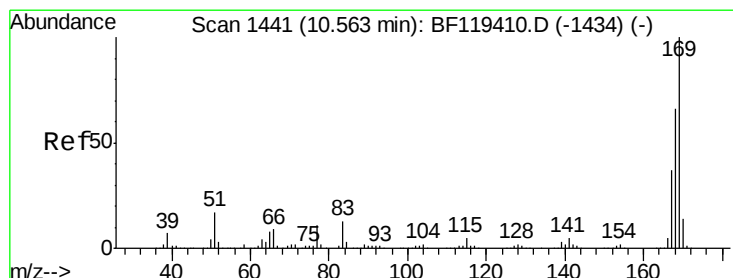
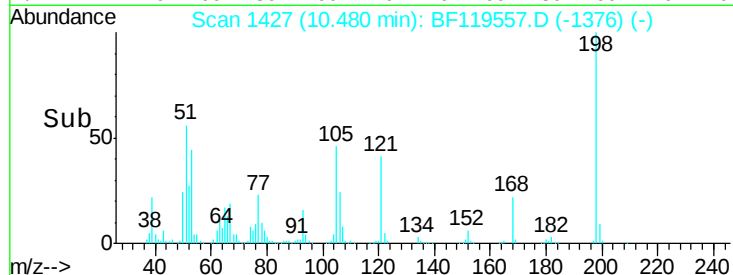
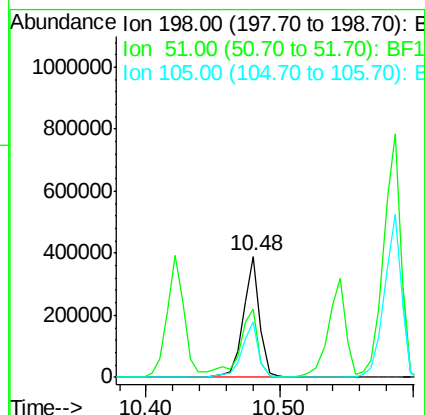
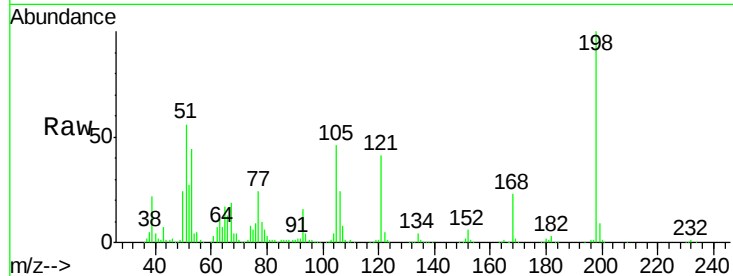
ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:	198	Resp:	326733
Ion Ratio	Lower	Upper	
198	100		
51	56.5	29.0	69.0
105	45.7	22.2	62.2

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#66

n-Nitrosodiphenylamine

Concen: 44.678 ng

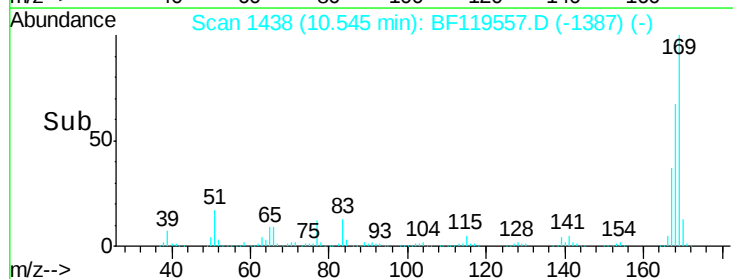
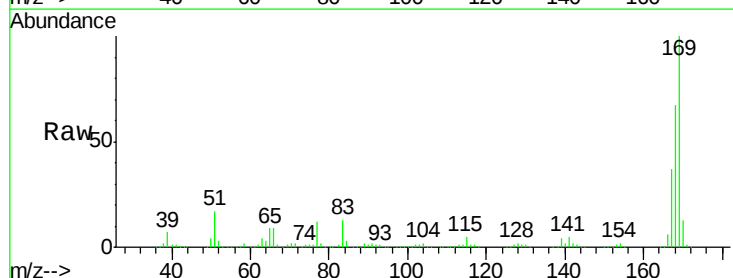
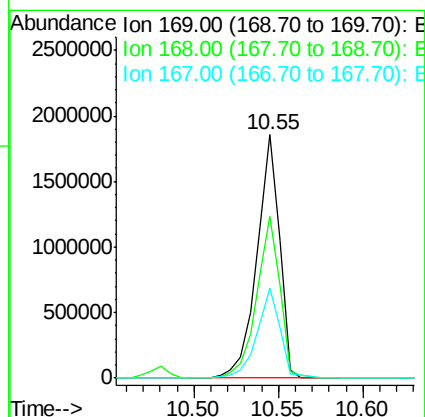
RT: 10.55 min Scan# 1438

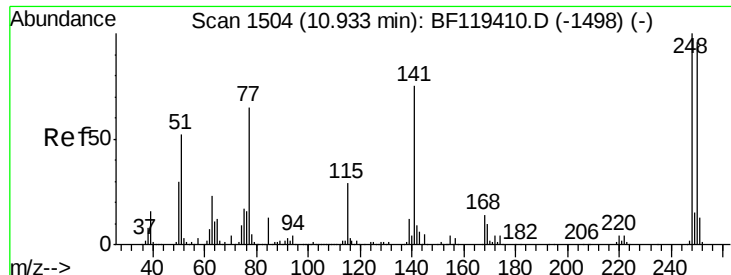
Delta R.T. 0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Tgt Ion:	169	Resp:	1744662
Ion Ratio	Lower	Upper	
169	100		
168	66.7	53.2	79.8
167	37.1	29.1	43.7





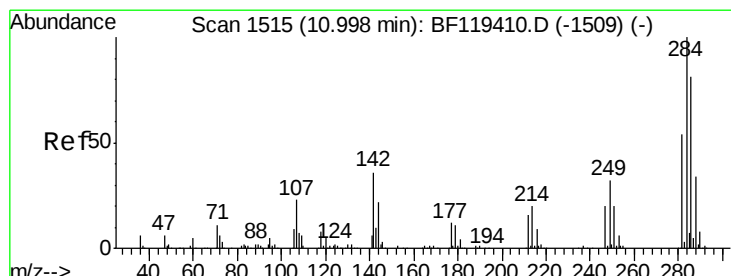
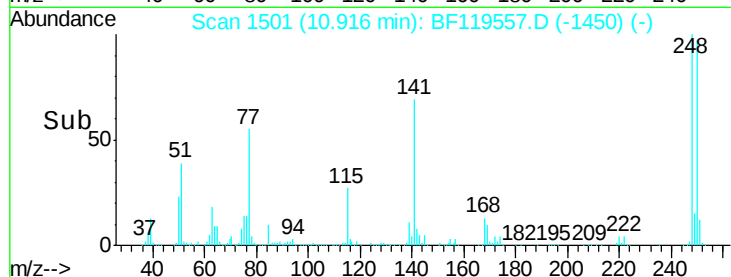
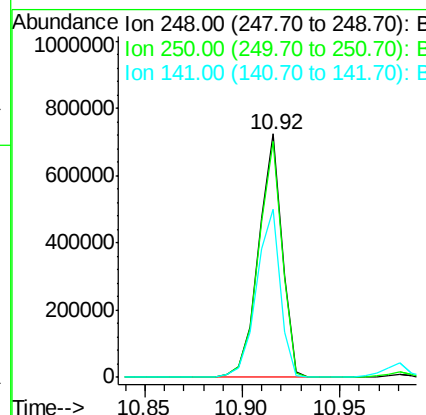
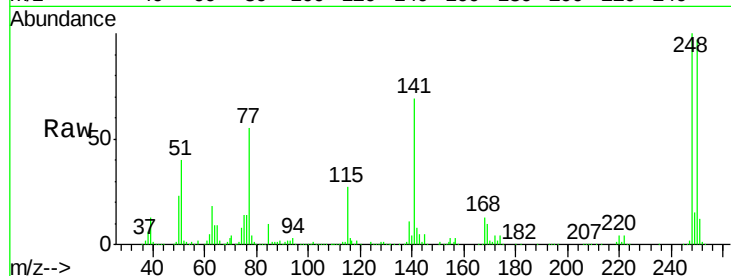
#67
 4-Bromophenyl-phenylether
 Concen: 44.596 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:	248	Resp:	604133
Ion Ratio	Lower	Upper	
248	100		
250	96.7	77.3	115.9
141	69.3	58.6	87.8

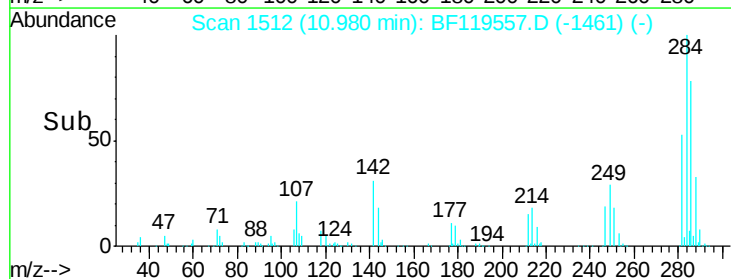
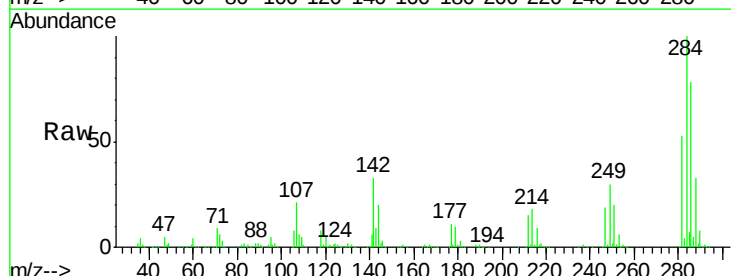
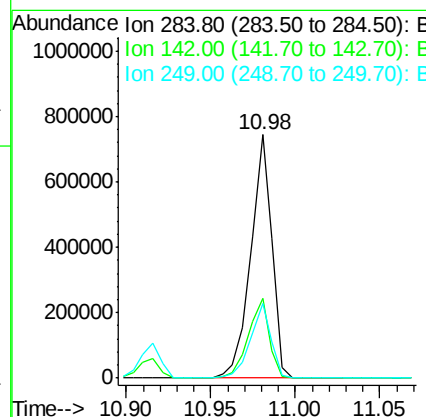
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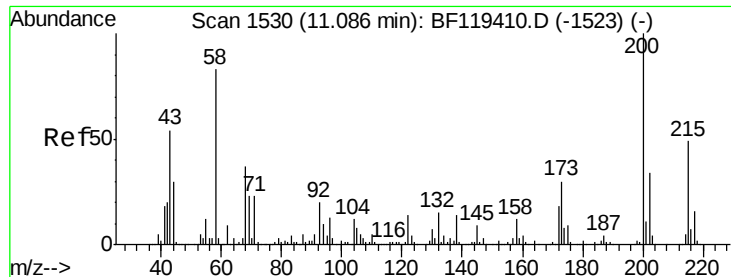
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#68
 Hexachlorobenzene
 Concen: 47.030 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Tgt Ion:	284	Resp:	652078
Ion Ratio	Lower	Upper	
284	100		
142	33.0	29.2	43.8
249	30.4	25.1	37.7





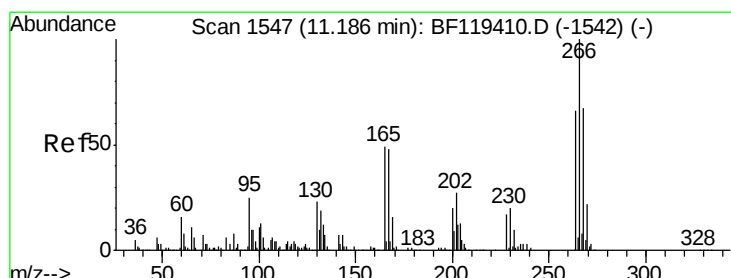
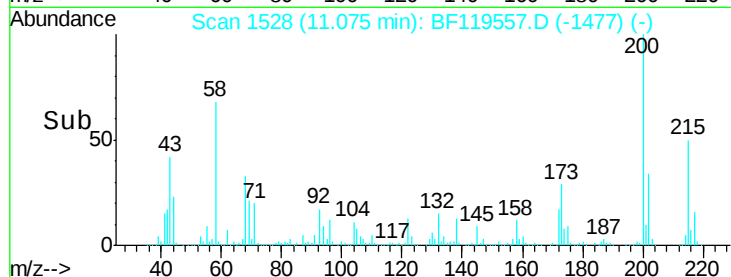
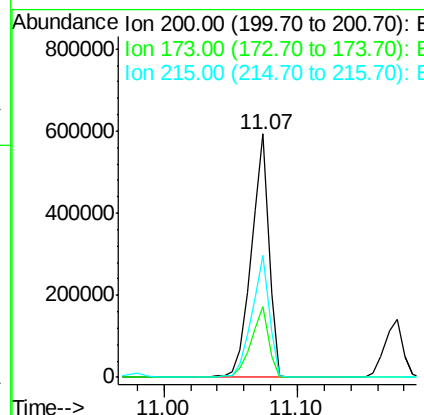
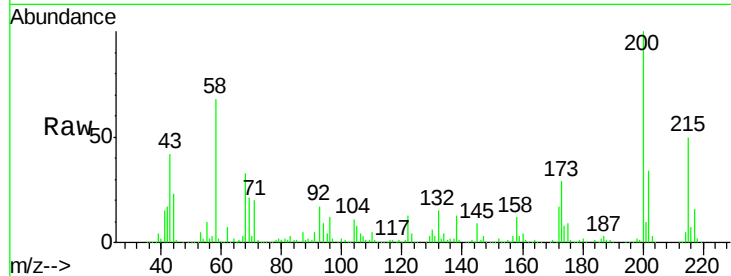
#69
 Atrazine
 Concen: 49.752 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.00 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.1	9.3	49.3
215	50.1	29.5	69.5

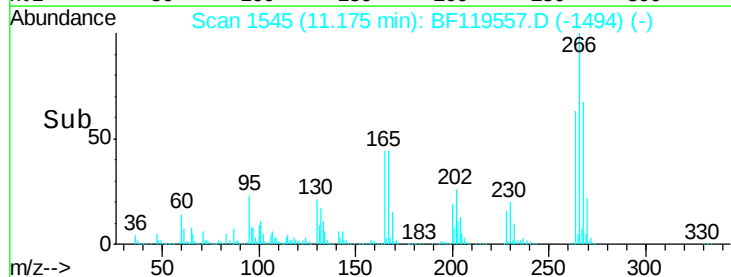
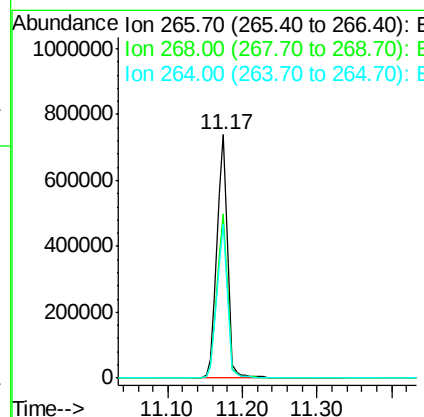
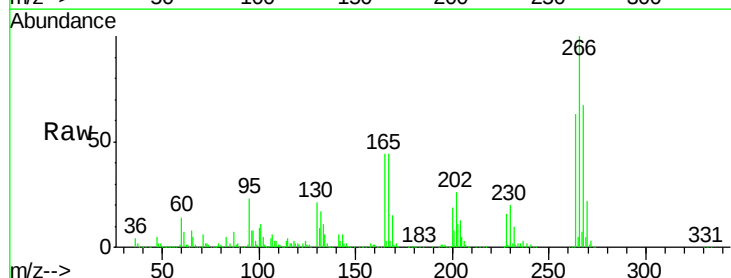
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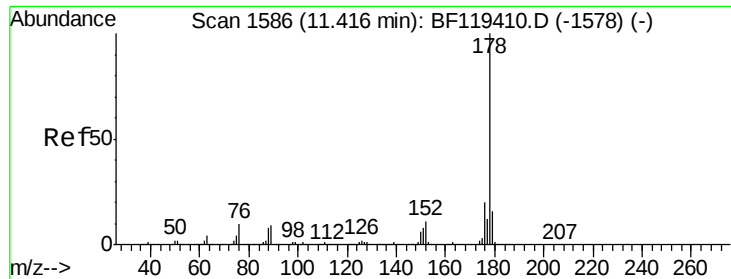
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#70
 Pentachlorophenol
 Concen: 90.238 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.00 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.3	53.3	79.9
264	63.1	49.0	73.4





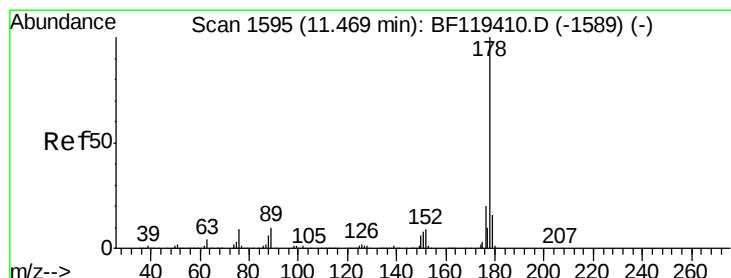
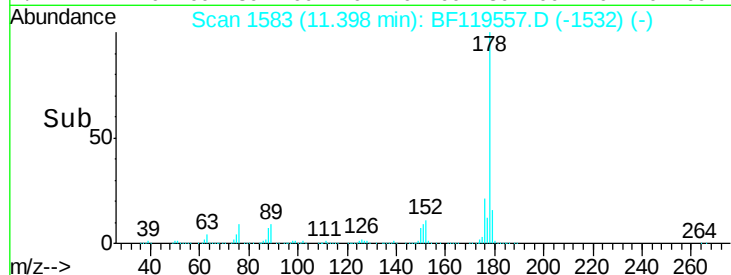
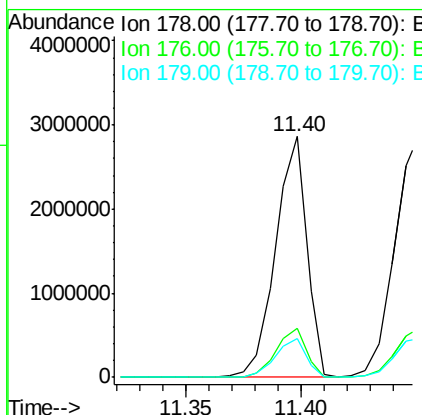
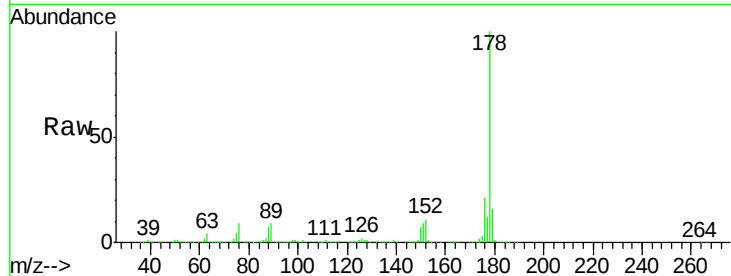
#71
Phenanthrene
Concen: 43.544 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:178 Resp: 2685732
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 16.0 13.2 19.8

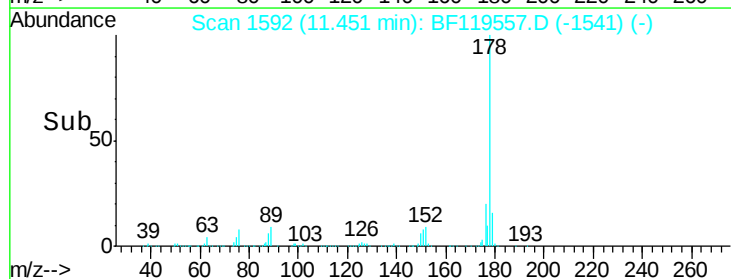
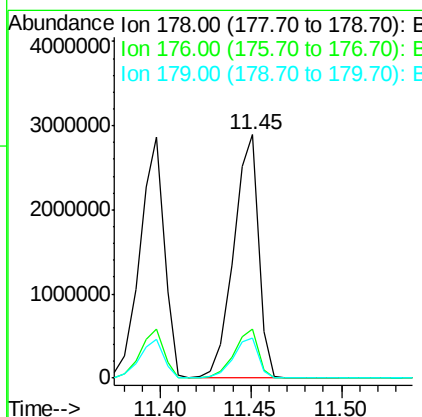
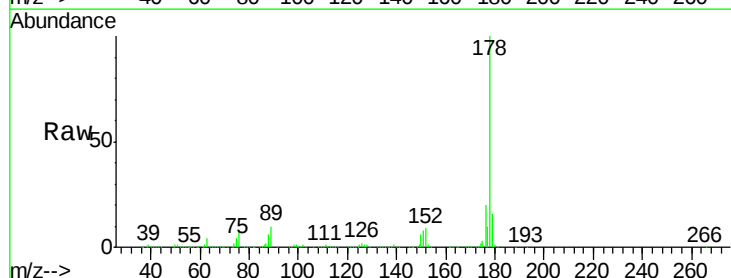
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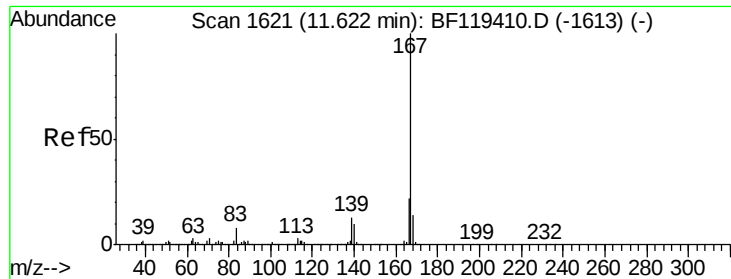
mohammad
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#72
Anthracene
Concen: 44.049 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion:178 Resp: 2761294
Ion Ratio Lower Upper
178 100
176 20.1 16.1 24.1
179 16.3 13.0 19.4





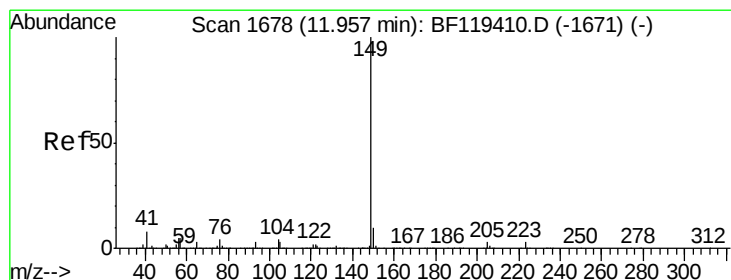
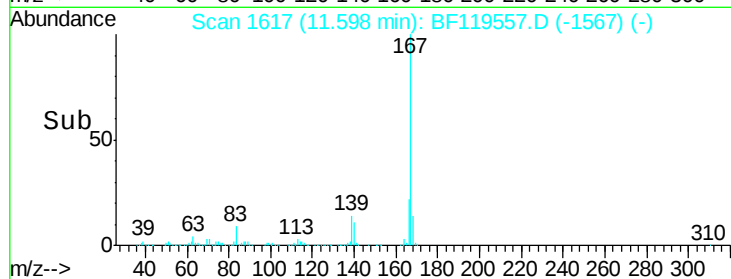
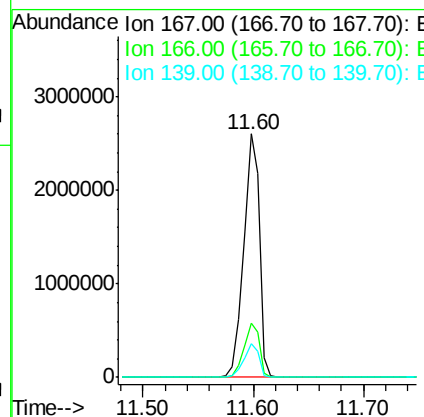
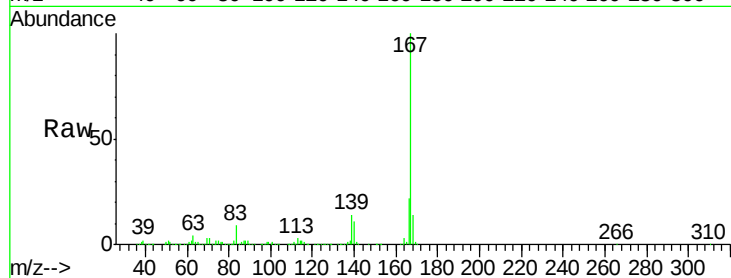
#73
 Carbazole
 Concen: 41.891 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.4
139	14.0	10.7	16.1

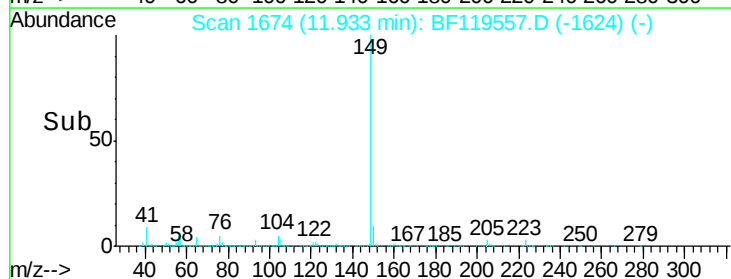
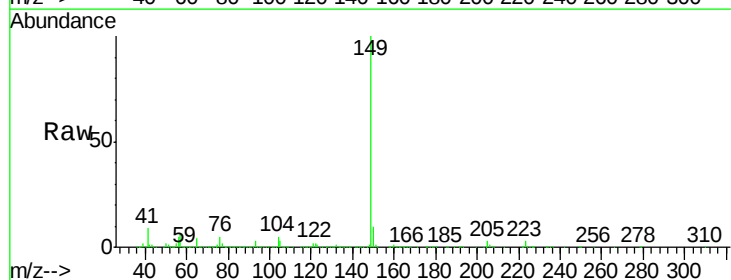
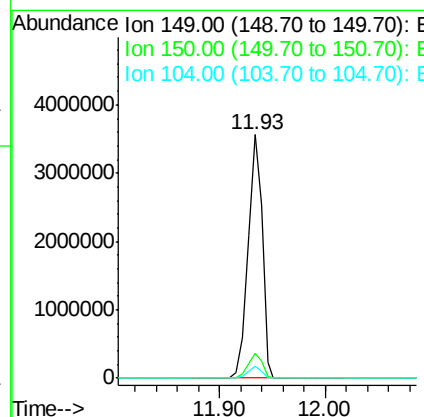
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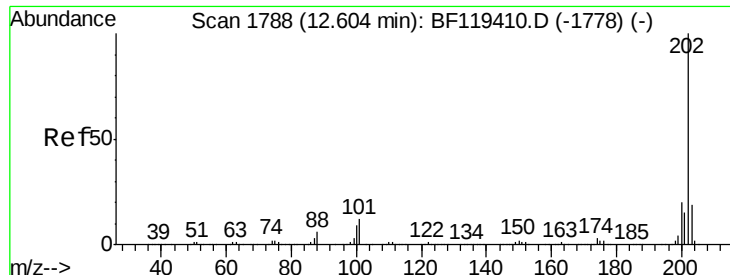
mohammad
 3/30/2020 8:51:05 AM



#74
 Di-n-butylphthalate
 Concen: 48.586 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.8	11.8
104	5.1	3.6	5.4





#75

Fluoranthene

Concen: 43.543 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :

BNA_F

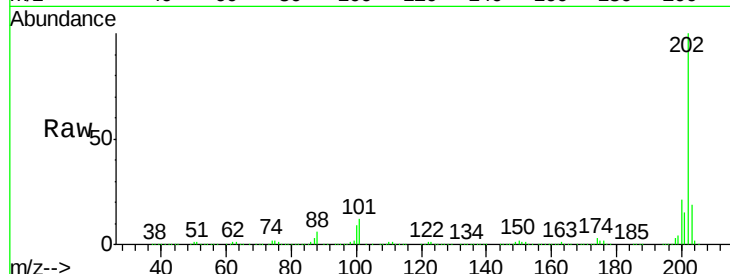
ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

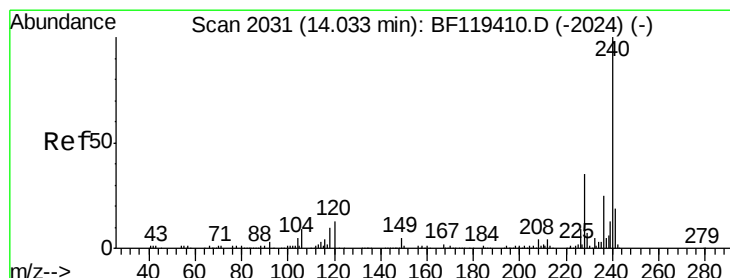
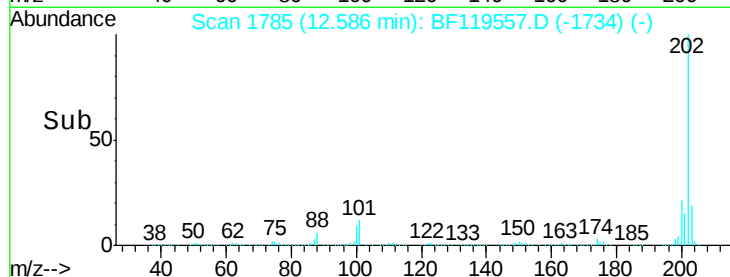
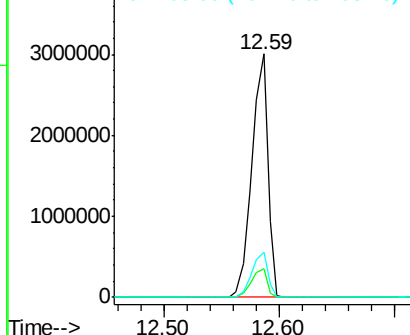
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.2
203	18.6	0.0	38.8

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



#76

Chrysene-d12

Concen: 20.000 ng

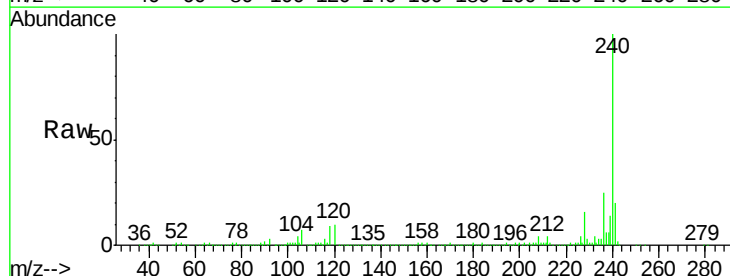
RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

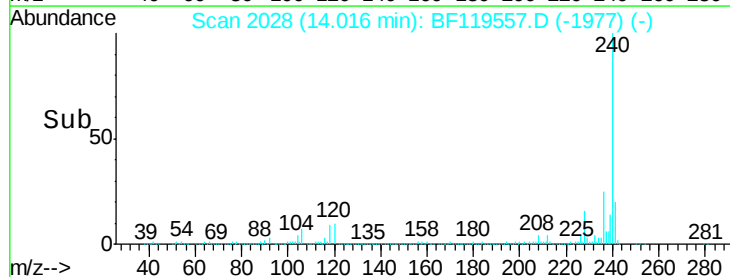
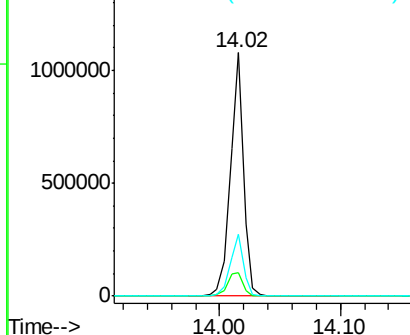
Lab File: BF119557.D

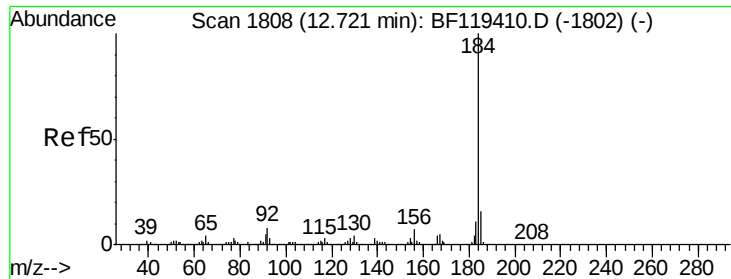
Acq: 27 Mar 2020 9:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	10.6	15.8#
236	25.2	20.2	30.2



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





#77

Benzidine

Concen: 43.784 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:184 Resp: 1502260

Ion Ratio Lower Upper

184 100

185 14.6 12.3 18.5

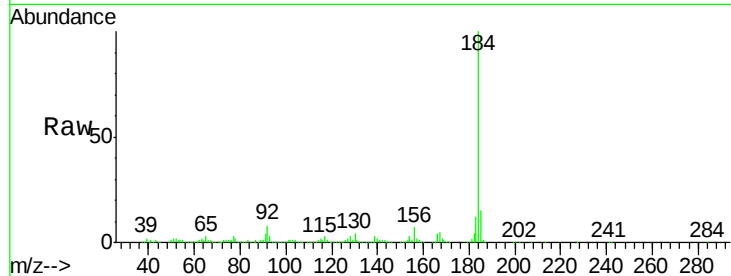
183 11.5 9.0 13.6

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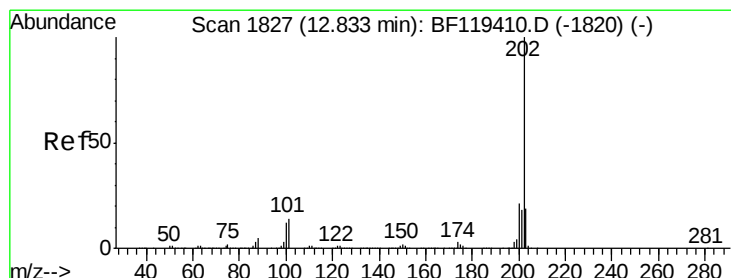
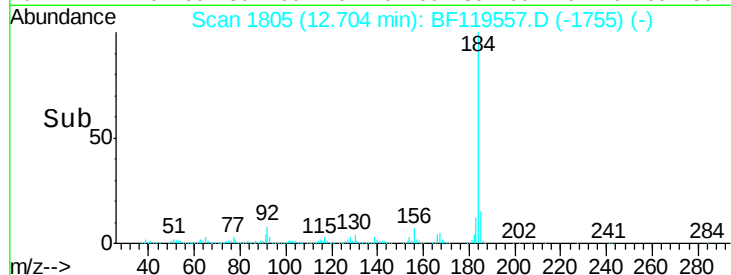
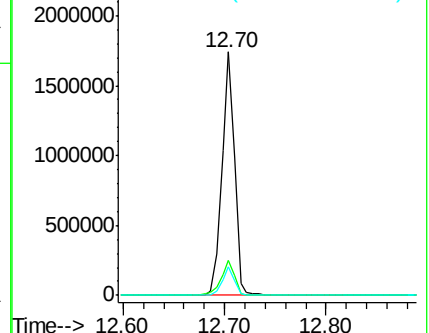
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.788 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

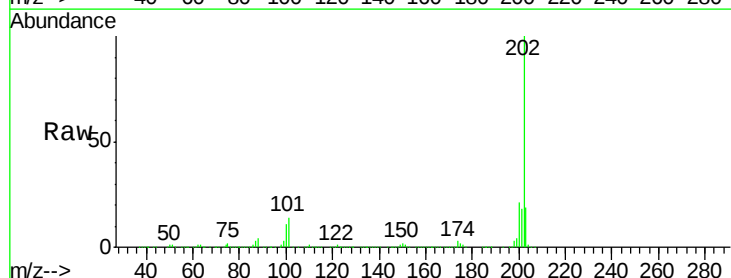
Tgt Ion:202 Resp: 2913475

Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

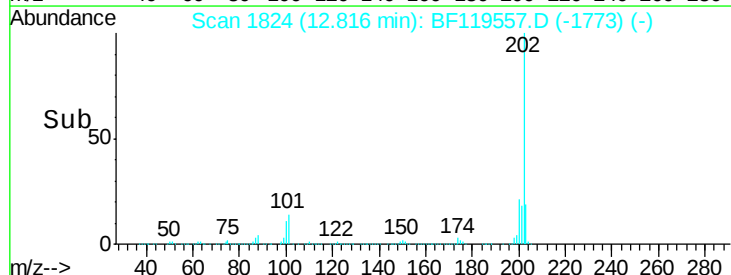
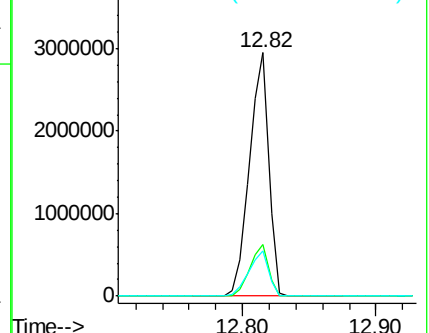
203 18.6 15.1 22.7

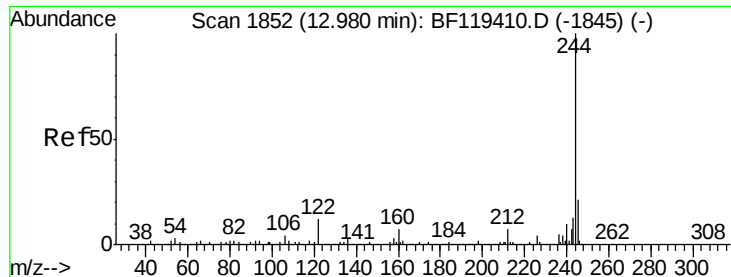


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





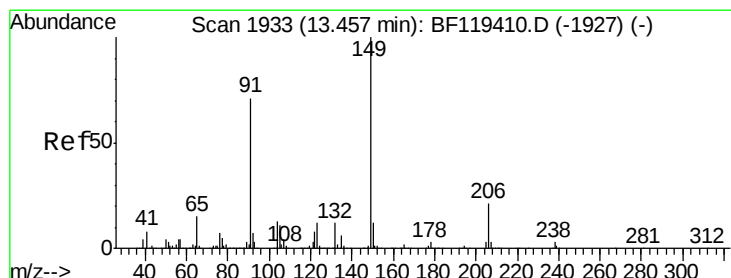
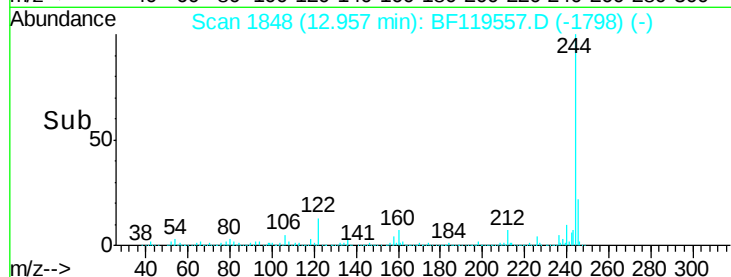
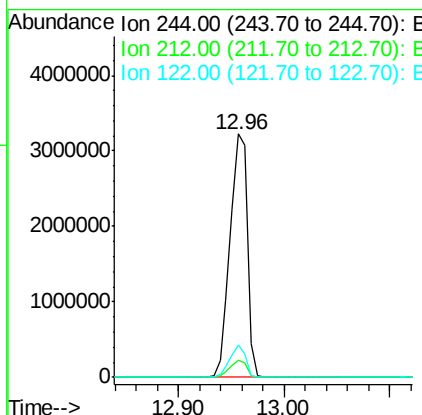
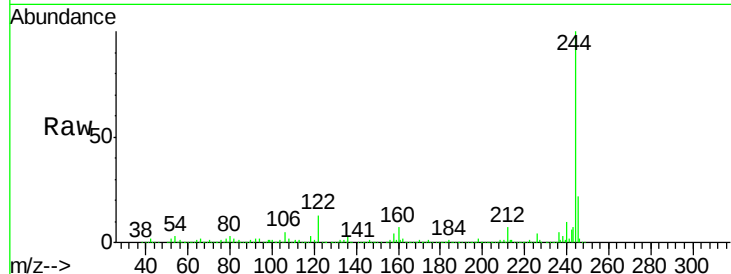
#79
 Terphenyl-d14
 Concen: 87.894 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:244 Resp: 3637107
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 13.3 10.3 15.5

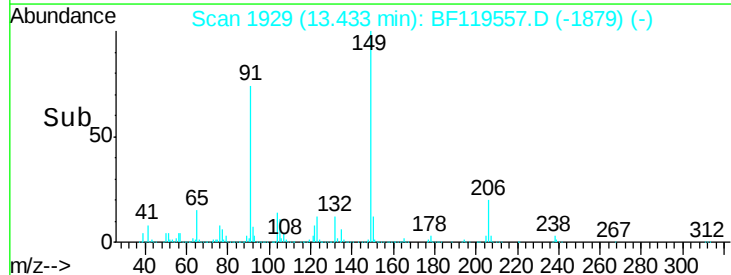
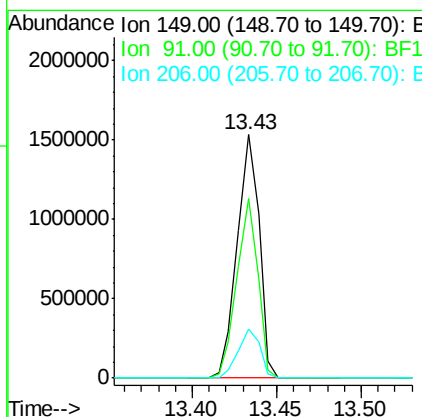
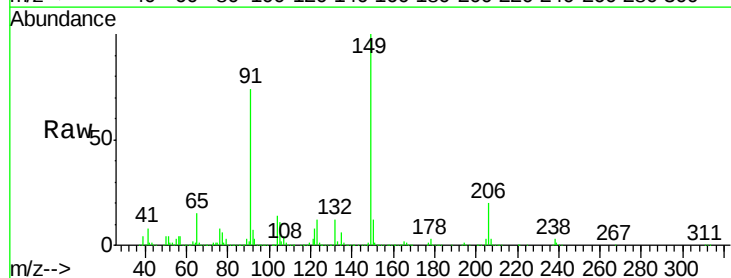
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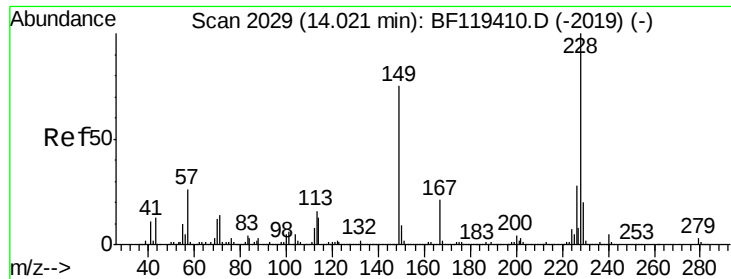
mohammad
 3/30/2020 8:51:05 AM



#80
 Butylbenzylphthalate
 Concen: 51.768 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Tgt Ion:149 Resp: 1393121
 Ion Ratio Lower Upper
 149 100
 91 73.8 54.7 82.1
 206 19.9 16.2 24.2





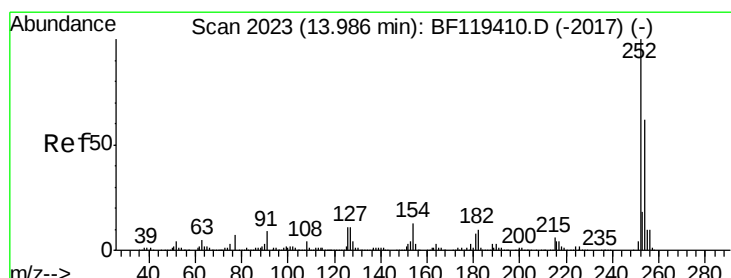
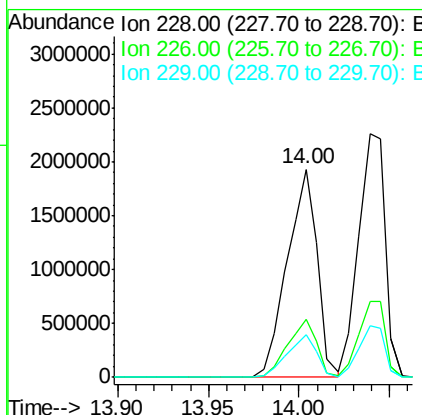
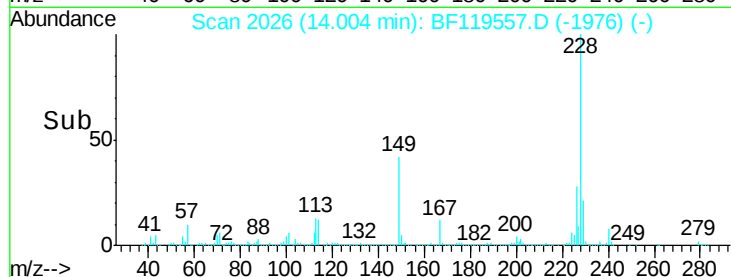
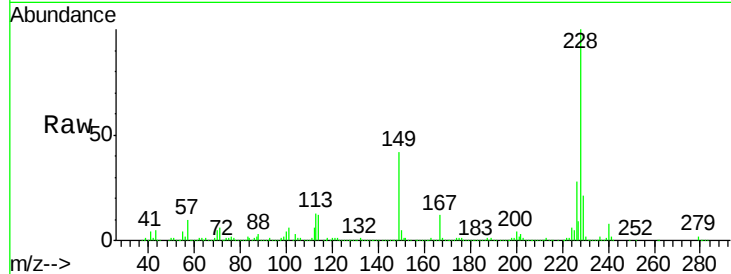
#81
Benzo(a)anthracene
Concen: 42.359 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion: 228 Resp: 2233206
Ion Ratio Lower Upper
228 100
226 27.9 21.8 32.8
229 20.7 16.2 24.4

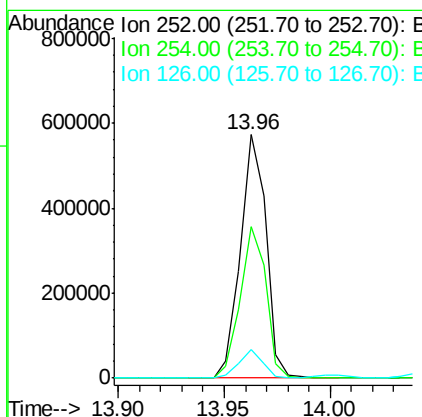
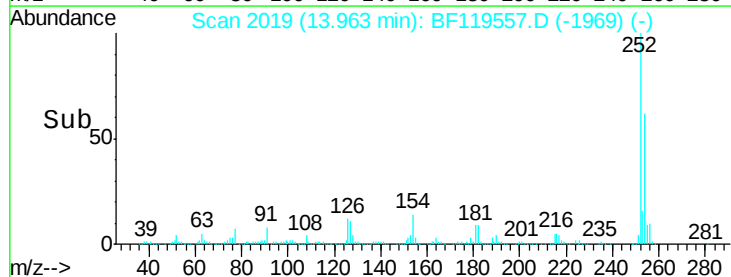
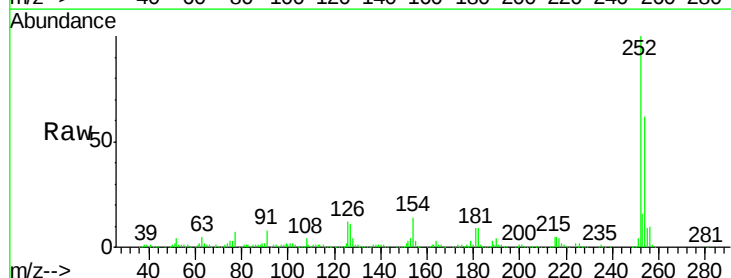
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#82
3,3'-Dichlorobenzidine
Concen: 23.145 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion: 252 Resp: 481124
Ion Ratio Lower Upper
252 100
254 62.3 51.2 76.8
126 11.5 9.6 14.4





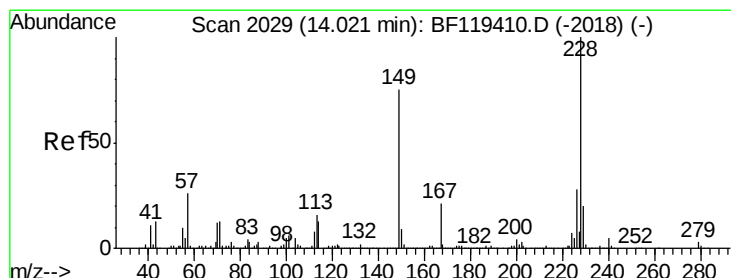
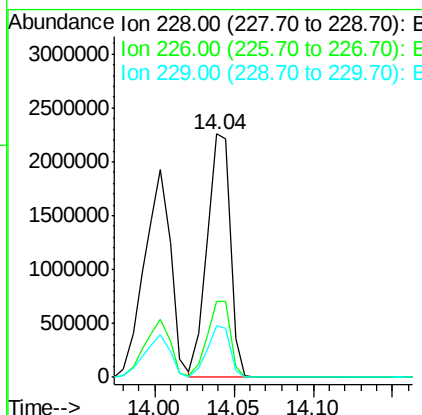
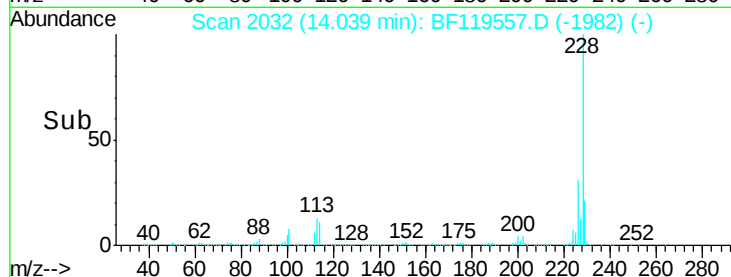
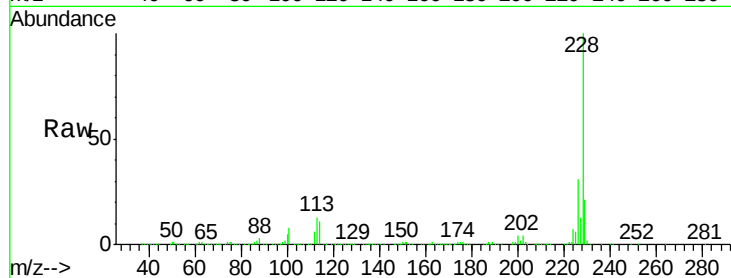
#83
 Chrysene
 Concen: 42.824 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:228 Resp: 2330052
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.4 38.0
 229 21.1 16.6 24.8

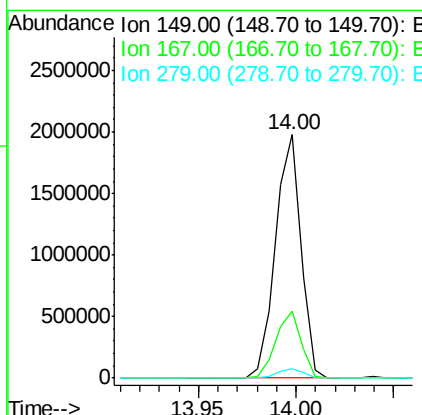
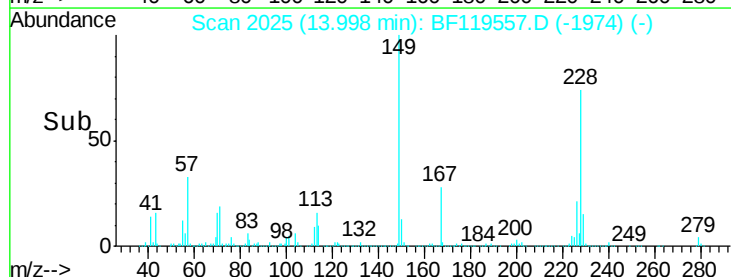
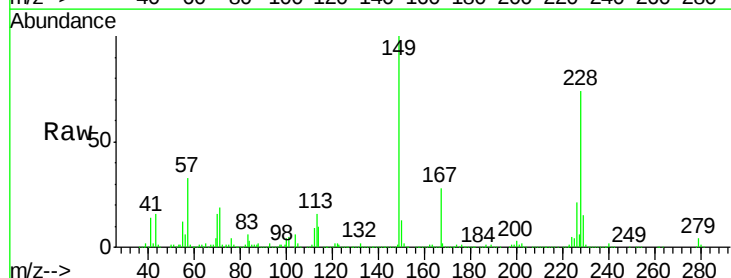
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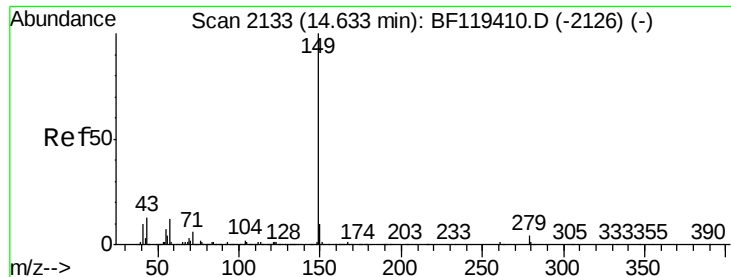
mohammad
 3/30/2020 8:51:05 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.768 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF119557.D
 Acq: 27 Mar 2020 9:36

Tgt Ion:149 Resp: 1789052
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.3 31.9
 279 3.9 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 53.996 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:149 Resp: 3046405

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

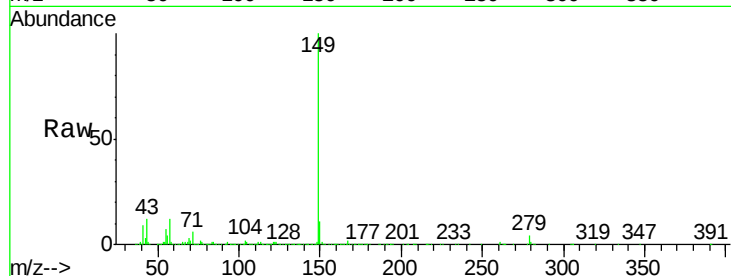
43 11.5 9.3 13.9

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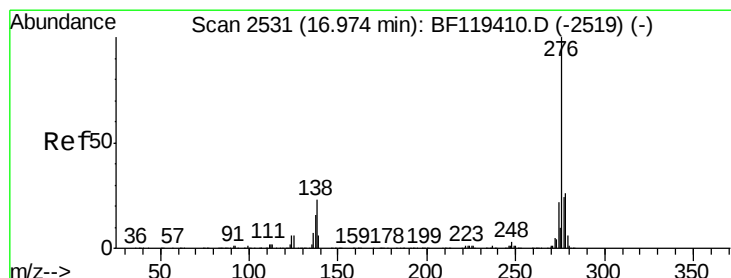
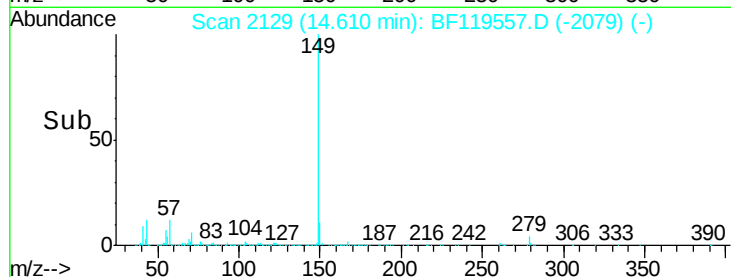
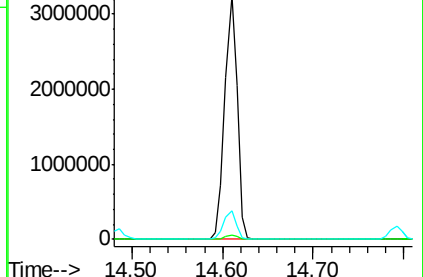
3/30/2020 8:51:05 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.802 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

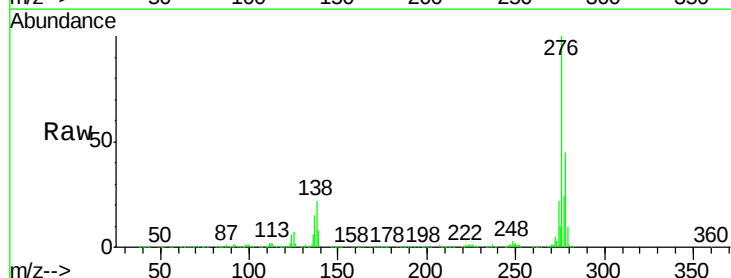
Tgt Ion:276 Resp: 2090817

Ion Ratio Lower Upper

276 100

138 24.0 19.6 29.4

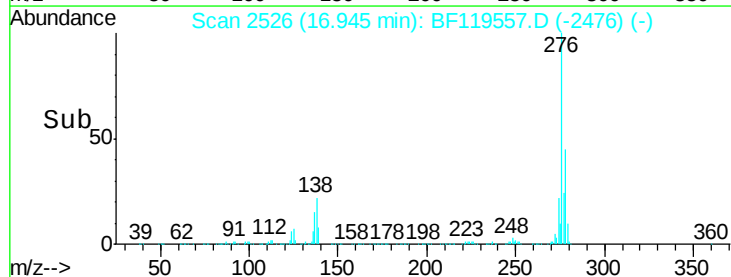
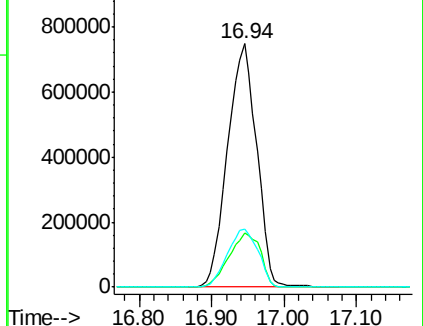
277 25.2 20.0 30.0

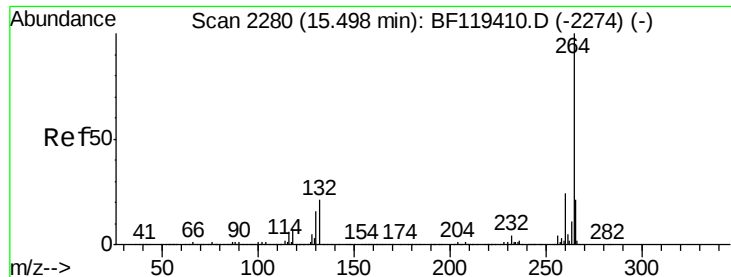


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





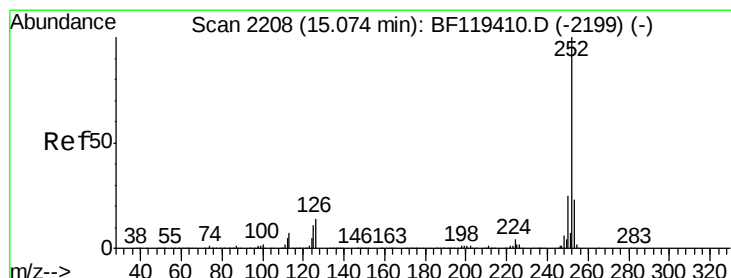
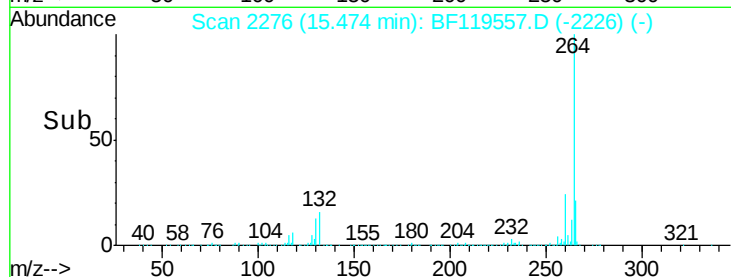
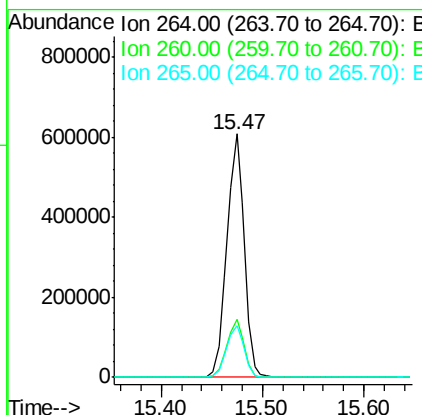
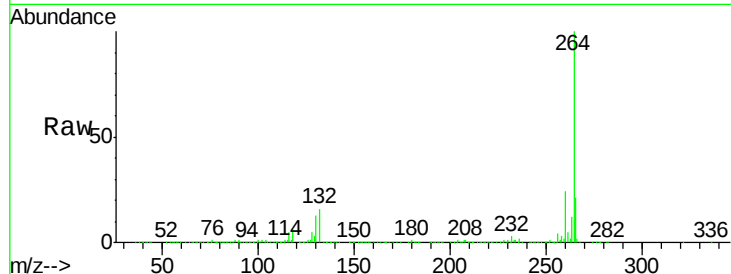
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.0	17.7	26.5

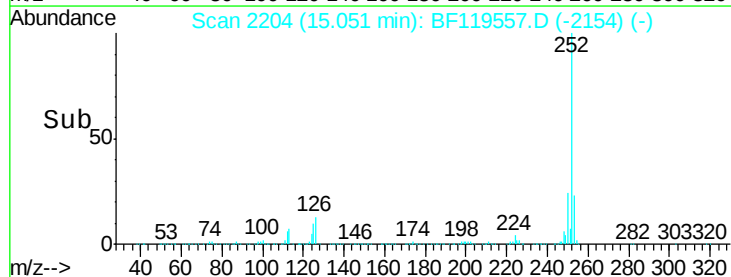
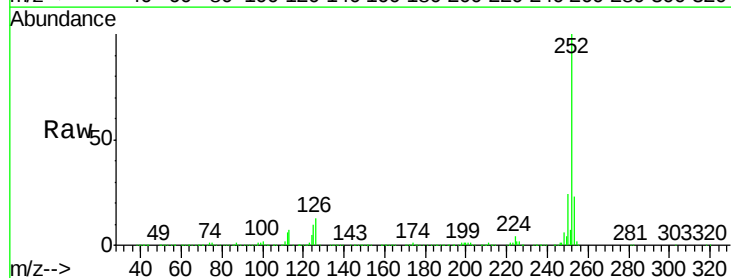
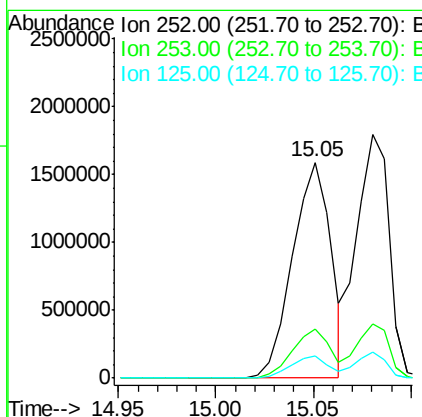
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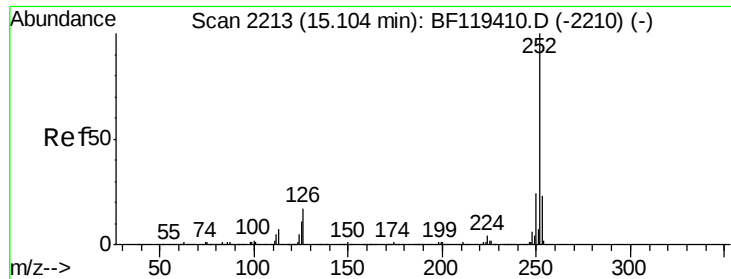
mohammad
3/30/2020 8:51:05 AM



#88
Benzo(b)fluoranthene
Concen: 44.572 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	10.2	7.9	11.9





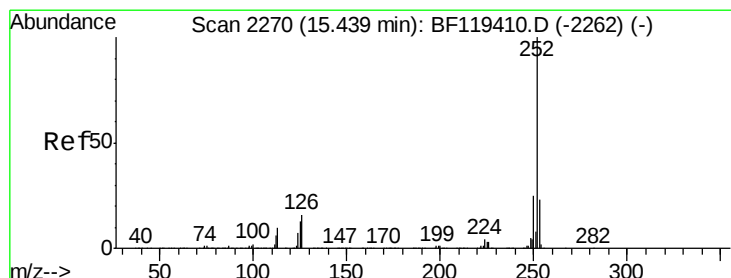
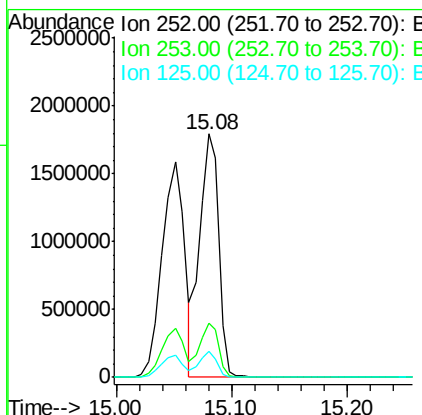
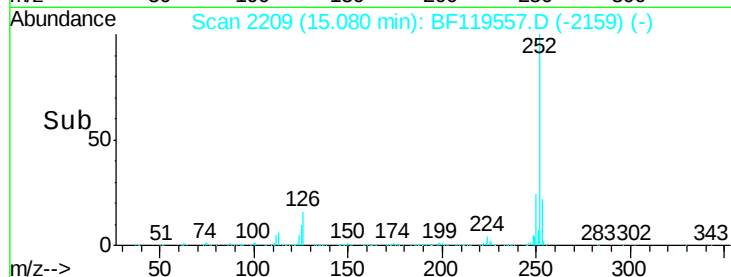
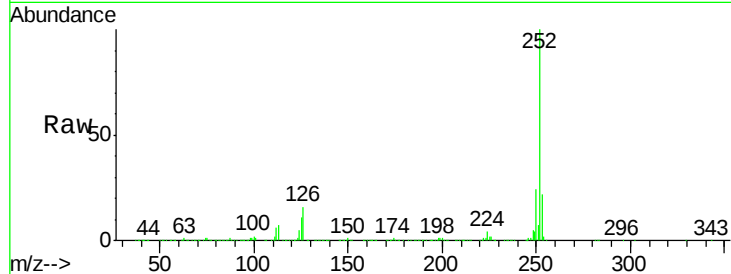
#89
Benzo(k)fluoranthene
Concen: 45.085 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:252 Resp: 2076560
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 10.5 8.4 12.6

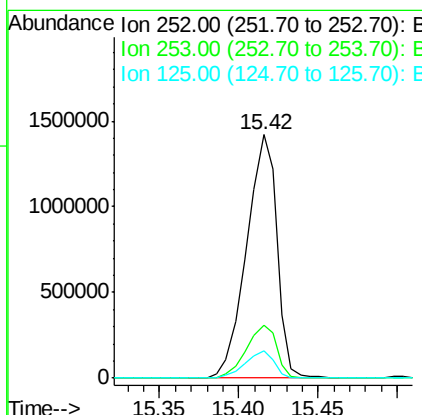
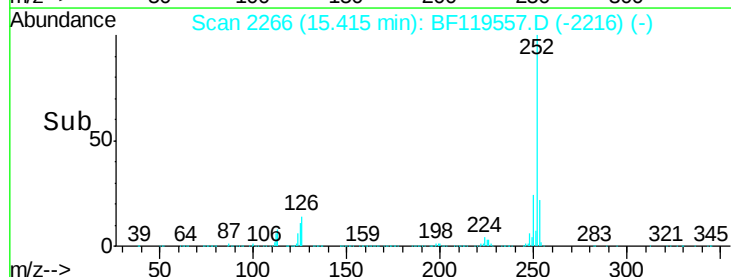
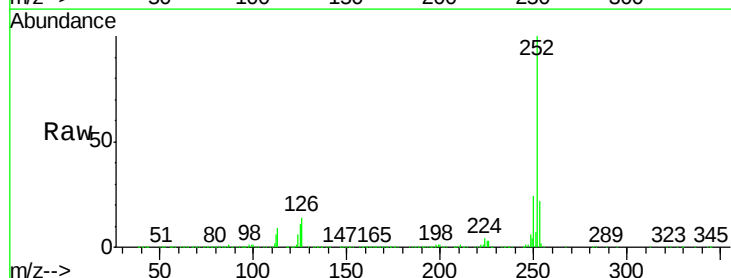
Manual Integrations
APPROVED

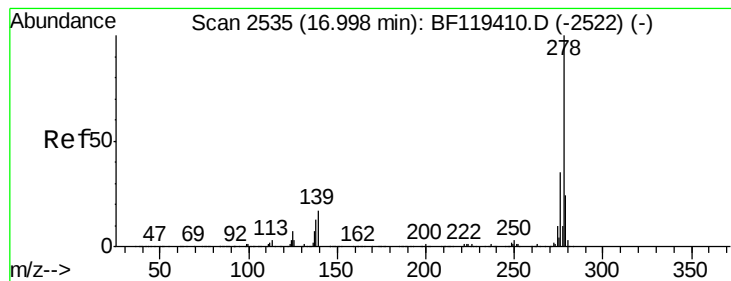
mohammad
3/30/2020 8:51:05 AM



#90
Benzo(a)pyrene
Concen: 42.943 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF119557.D
Acq: 27 Mar 2020 9:36

Tgt Ion:252 Resp: 1887701
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 11.3 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 44.706 ng

RT: 16.97 min Scan# 2530

Delta R.T. 0.00 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4AMSD

Tot Ion:278 Resp: 1718892

Ion Ratio Lower Upper

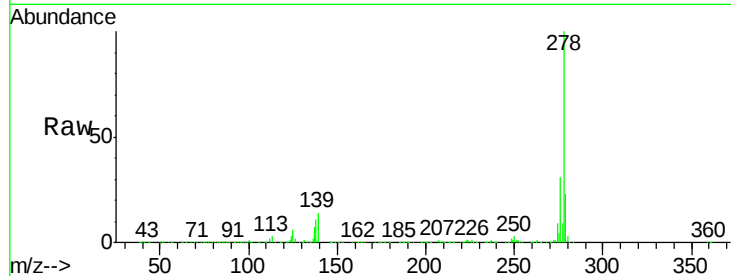
278 100

139 14.2 12.6 19.0

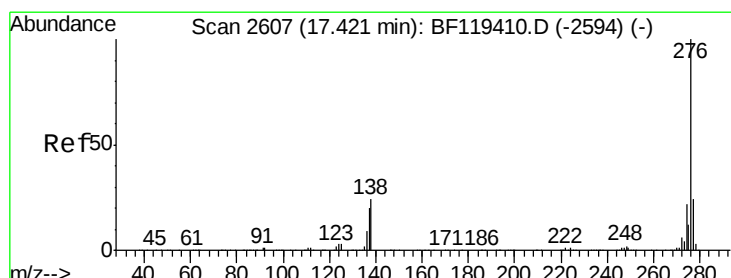
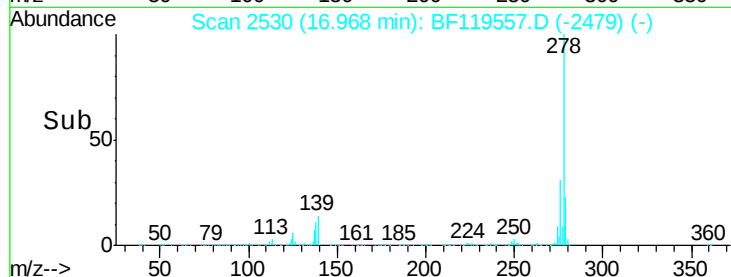
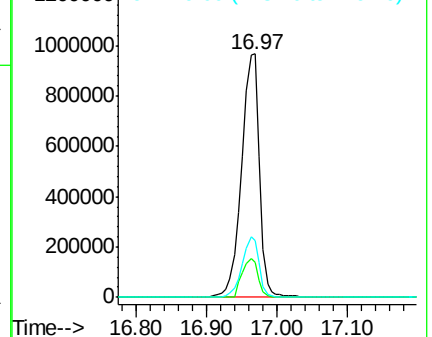
279 23.3 19.0 28.6

Manual Integrations
APPROVED

mohammad
3/30/2020 8:51:05 AM



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



#92

Benzo(g,h,i)perylene

Concen: 45.239 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.01 min

Lab File: BF119557.D

Acq: 27 Mar 2020 9:36

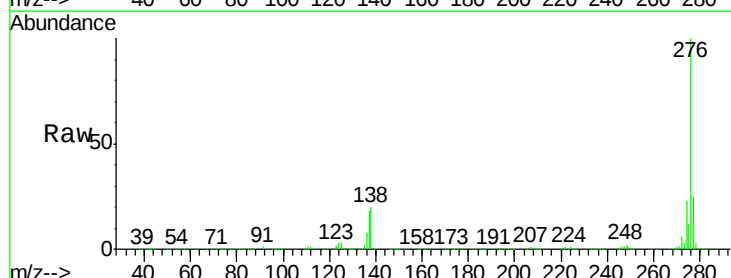
Tgt Ion:276 Resp: 1747427

Ion Ratio Lower Upper

276 100

277 24.5 18.4 27.6

138 19.8 15.4 23.0



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

