

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
 Data File : BF119433.D
 Acq On : 18 Mar 2020 23:51
 Operator : CG/JU
 Sample : L1949-04MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219MS

Manual Integrations
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 3/19/2020 2:44:09 PM

Quant Time: Mar 19 08:00:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	348532	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1340610	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	657066	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1150391	20.00	ng	0.00
76) Chrysene-d12	14.03	240	629862	20.00	ng	0.00
87) Perylene-d12	15.50	264	676382	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	2310926	105.55	ng	0.02
7) Phenol-d6	6.48	99	2984345	106.71	ng	0.00
23) Nitrobenzene-d5	7.42	82	1847606	74.90	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	709061	104.60	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3212540	72.43	ng	0.00
79) Terphenyl-d14	12.97	244	2764345	85.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	382070	35.333	ng	99
3) Pyridine	3.45	79	951669	31.946	ng	98
4) n-Nitrosodimethylamine	3.40	42	578650	39.832	ng	99
6) Aniline	6.52	93	526594	13.642	ng	98
8) 2-Chlorophenol	6.64	128	1019758	44.347	ng	99
9) Benzaldehyde	6.40	77	672386	37.898	ng	98
10) Phenol	6.49	94	1254804	42.047	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	996335	41.744	ng	100
12) 1,3-Dichlorobenzene	6.80	146	1016847	40.858	ng	98
13) 1,4-Dichlorobenzene	6.87	146	1033858	41.531	ng	98
14) 1,2-Dichlorobenzene	7.03	146	961696	41.331	ng	99
15) Benzyl Alcohol	6.99	79	877593	41.714	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1938163	40.258	ng	99
17) 2-Methylphenol	7.10	107	817880	38.820	ng	99
18) Hexachloroethane	7.37	117	391730	42.940	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	699426	41.490	ng	97
20) 3+4-Methylphenols	7.26	107	991573	38.403	ng	# 88
22) Acetophenone	7.27	105	1306729	40.793	ng	99
24) Nitrobenzene	7.44	77	1044340	39.616	ng	98
25) Isophorone	7.68	82	1952505	39.020	ng	99
26) 2-Nitrophenol	7.76	139	497661	47.946	ng	98
27) 2,4-Dimethylphenol	7.79	122	921340	42.928	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	1221020	41.266	ng	99
29) 2,4-Dichlorophenol	7.99	162	803973	40.769	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	871967	39.982	ng	98
31) Naphthalene	8.16	128	2766347	40.098	ng	99
32) Benzoic acid	7.90	122	565218	40.941	ng	99
33) 4-Chloroaniline	8.20	127	188648	5.968	ng	97
34) Hexachlorobutadiene	8.29	225	488611	40.043	ng	98
35) Caprolactam	8.58	113	239999m	37.186	ng	
36) 4-Chloro-3-methylphenol	8.69	107	846809	39.288	ng	98
37) 2-Methylnaphthalene	8.86	142	1843119	40.708	ng	100
38) 1-Methylnaphthalene	8.96	142	1751360	40.867	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	778989	40.448	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	736927	67.305	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	578097	41.945	ng	98
44) 2,4,5-Trichlorophenol	9.17	196	565653	36.637	ng	97
46) 1,1'-Biphenyl	9.32	154	2155023	40.270	ng	100
47) 2-Chloronaphthalene	9.35	162	1659254	39.583	ng	99
48) 2-Nitroaniline	9.44	65	591321	40.869	ng	100
49) Acenaphthylene	9.76	152	2627068	39.908	ng	99
50) Dimethylphthalate	9.63	163	2408223	51.599	ng	99
51) 2,6-Dinitrotoluene	9.69	165	425395	42.523	ng #	83
52) Acenaphthene	9.94	154	1620217	39.481	ng	98
53) 3-Nitroaniline	9.85	138	165032	13.067	ng	98
54) 2,4-Dinitrophenol	9.95	184	166327	42.205	ng	97
55) Dibenzofuran	10.11	168	2319595	39.424	ng	100
56) 4-Nitrophenol	10.01	139	723966	72.665	ng	98
57) 2,4-Dinitrotoluene	10.09	165	550338	43.670	ng	89
58) Fluorene	10.45	166	1692741	38.905	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	468048	40.556	ng	99
60) Diethylphthalate	10.33	149	1935681	40.864	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	824696	38.760	ng	98
62) 4-Nitroaniline	10.46	138	361424	29.843	ng	99
63) Azobenzene	10.60	77	1866249	39.124	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	132961	27.563	ng	95
66) n-Nitrosodiphenylamine	10.56	169	1600242	42.373	ng	98
67) 4-Bromophenyl-phenylether	10.93	248	539372	41.169	ng	98
68) Hexachlorobenzene	11.00	284	561747	41.893	ng	100
69) Atrazine	11.09	200	454571	43.905	ng	97
70) Pentachlorophenol	11.19	266	572410	72.803	ng	97
71) Phenanthrene	11.42	178	2372209	39.768	ng	100
72) Anthracene	11.47	178	2457776	40.540	ng	99
73) Carbazole	11.62	167	2211820	36.859	ng	98
74) Di-n-butylphthalate	11.96	149	2784523	43.378	ng	99
75) Fluoranthene	12.60	202	2311048	35.799	ng	99
77) Benzidine	12.72	184	778826	29.218	ng	97
78) Pyrene	12.83	202	2275176	44.014	ng	100
80) Butylbenzylphthalate	13.46	149	1007780	48.203	ng	94
81) Benzo(a)anthracene	14.02	228	1656693	40.448	ng	100
82) 3,3'-Dichlorobenzidine	13.98	252	450519	27.896	ng	97
83) Chrysene	14.06	228	1666509	39.424	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1241785	49.825	ng	99
85) Di-n-octyl phthalate	14.63	149	2129738	48.588	ng	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	1921315	48.261	ng	100
88) Benzo(b)fluoranthene	15.07	252	1755828	38.861	ng	98
89) Benzo(k)fluoranthene	15.10	252	1643508	38.201	ng	97
90) Benzo(a)pyrene	15.44	252	1594384	38.830	ng	97
91) Dibenzo(a,h)anthracene	17.00	278	1580488	44.007	ng	99
92) Benzo(g,h,i)perylene	17.42	276	1594428	44.190	ng	99

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

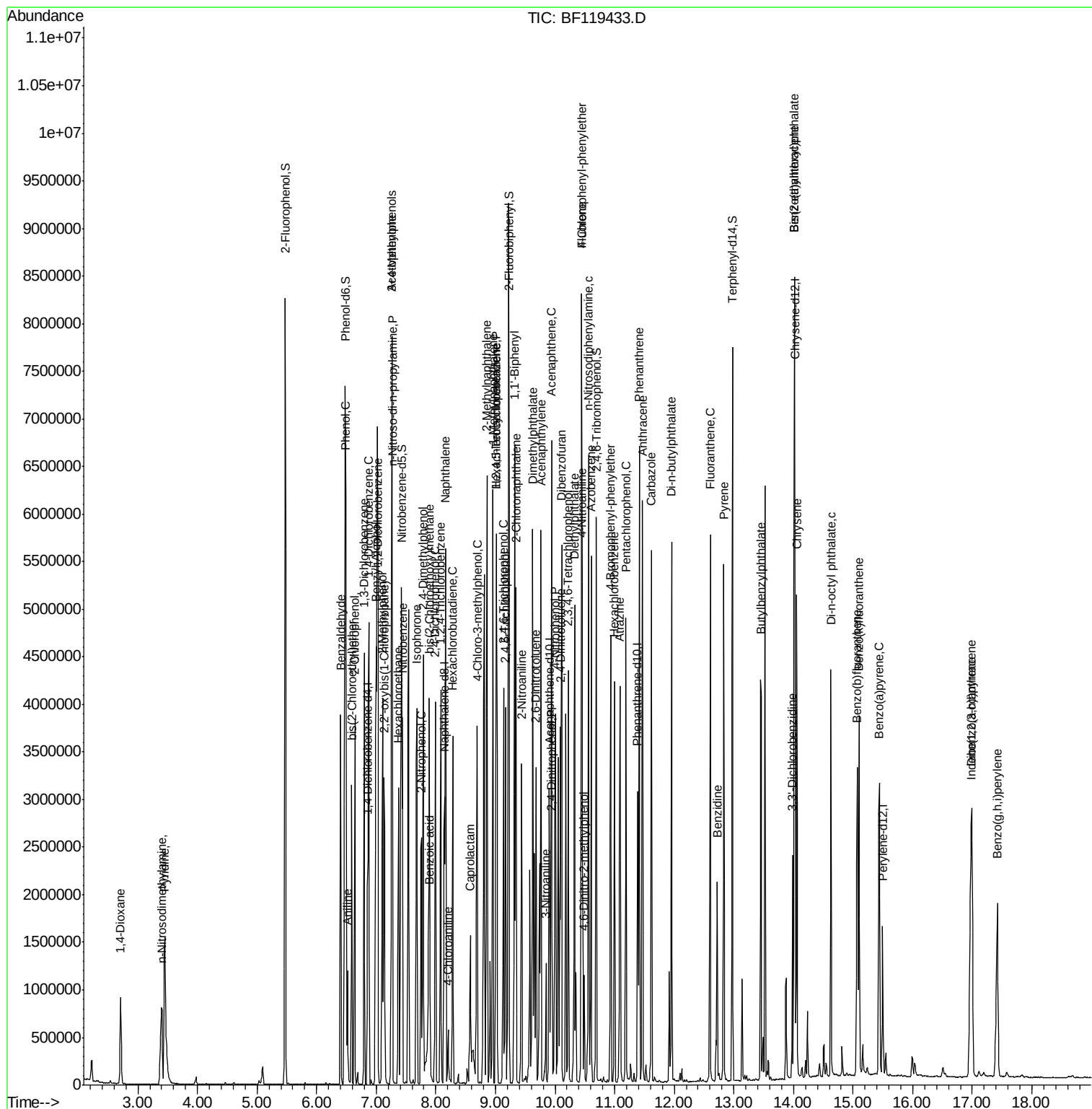
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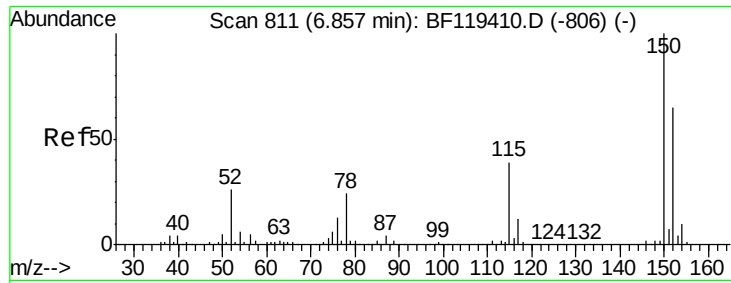
Instrument :
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ClientSampleId :
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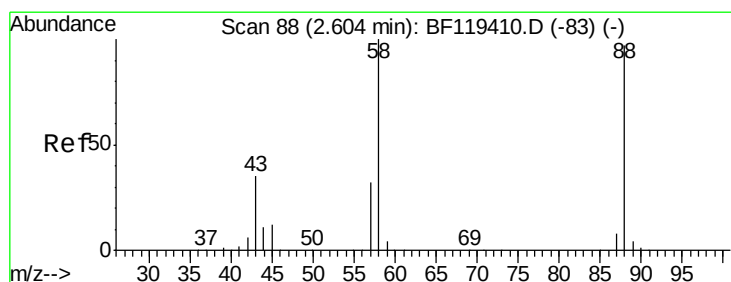
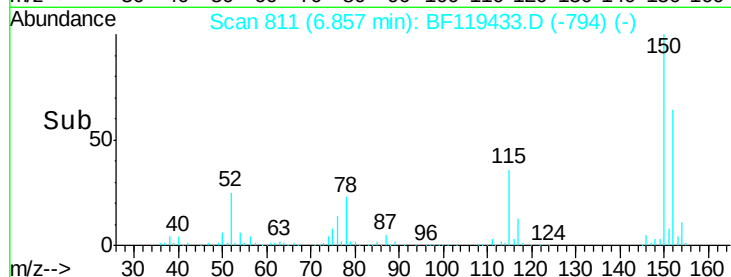
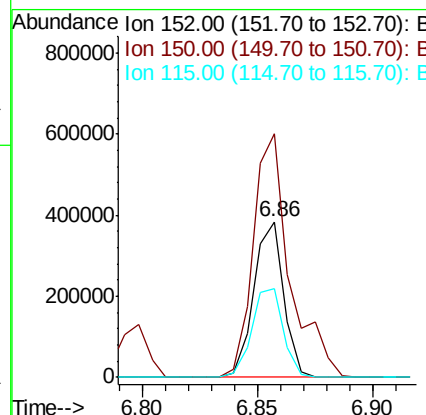
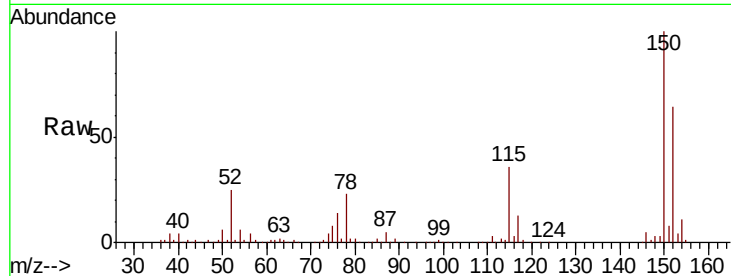
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF119433.D
 Acq: 18 Mar 2020 23:51

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.9	185.9
115	57.0	47.8	71.6

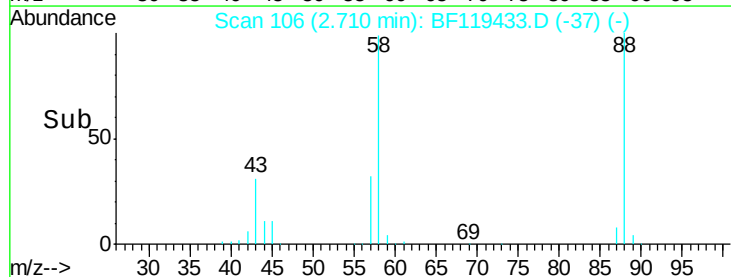
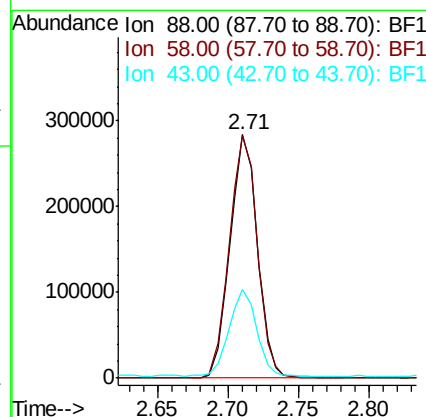
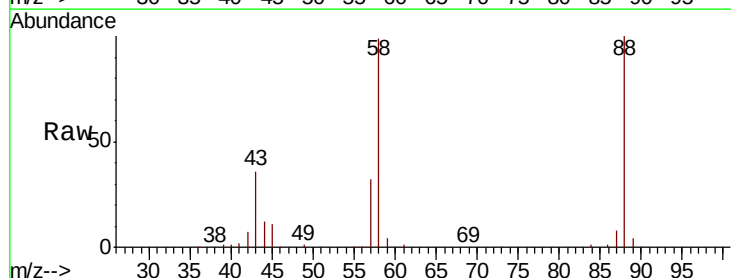
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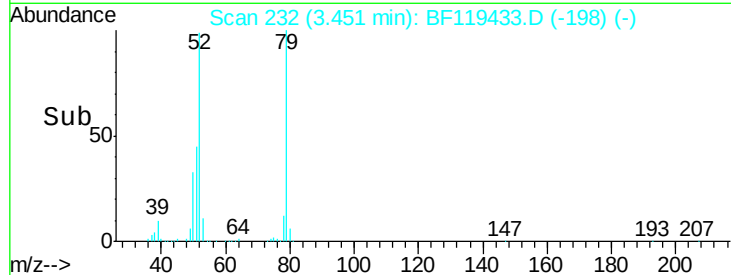
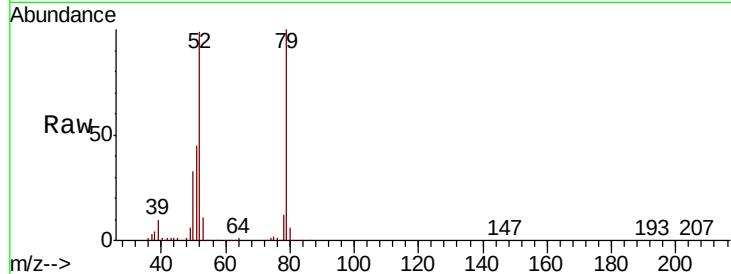
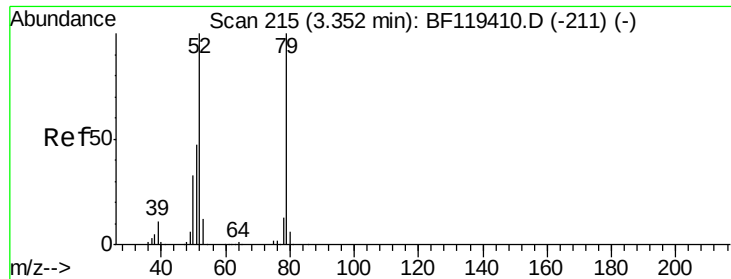
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#2
 1,4-Dioxane
 Concen: 35.333 ng
 RT: 2.71 min Scan# 106
 Delta R.T. 0.11 min
 Lab File: BF119433.D
 Acq: 18 Mar 2020 23:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.1	79.4	119.2
43	35.6	28.4	42.6





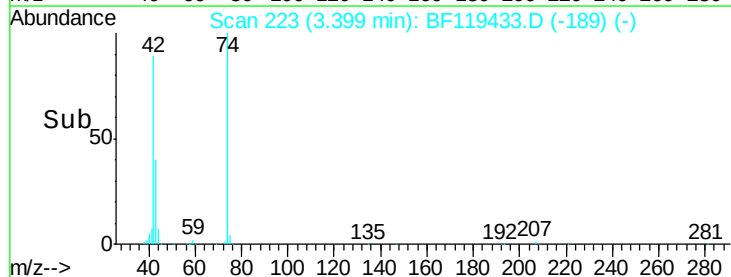
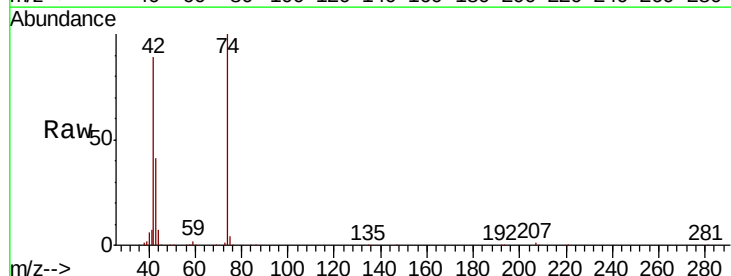
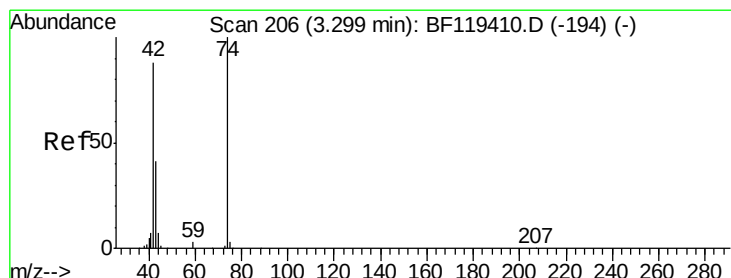
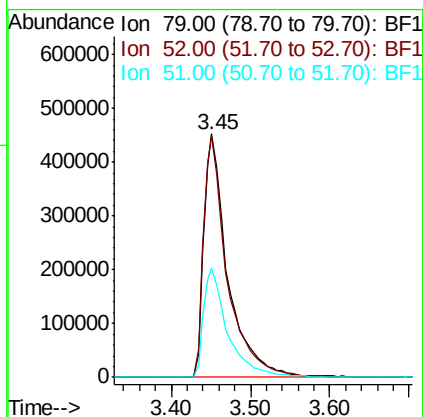
#3
 Pvridine
 Concen: 31.946 ng
 RT: 3.45 min Scan# 232
 Delta R.T. 0.10 min
 Lab File: BF119433.D
 Acq: 18 Mar 2020 23:51

Tot Ion	Ratio	Lower	Upper
79	100		
52	99.0	80.0	120.0
51	45.1	37.9	56.9

Instrument :
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 ClientSampleId :
 VNJ-219MS

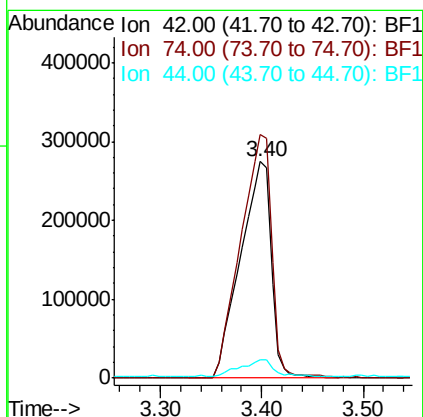
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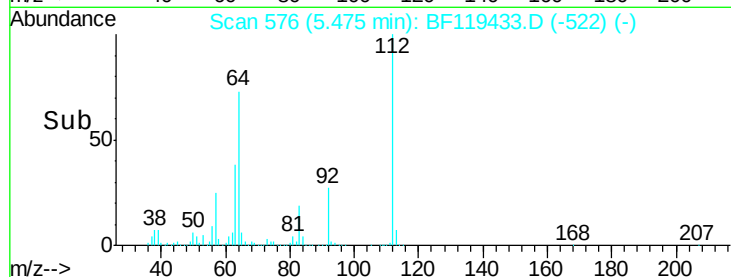
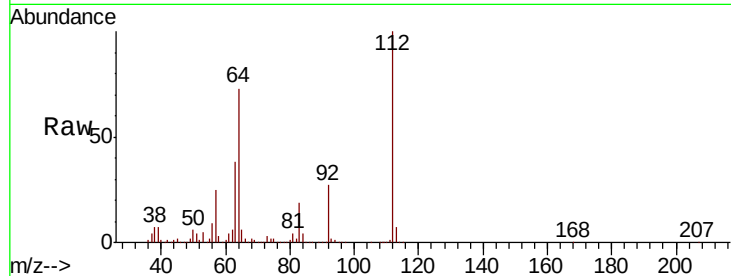
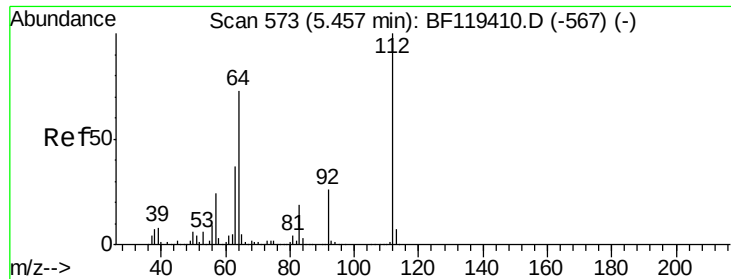
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#4
 n-Nitrosodimethylamine
 Concen: 39.832 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.10 min
 Lab File: BF119433.D
 Acq: 18 Mar 2020 23:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	112.6	91.3	136.9
44	8.4	7.1	10.7





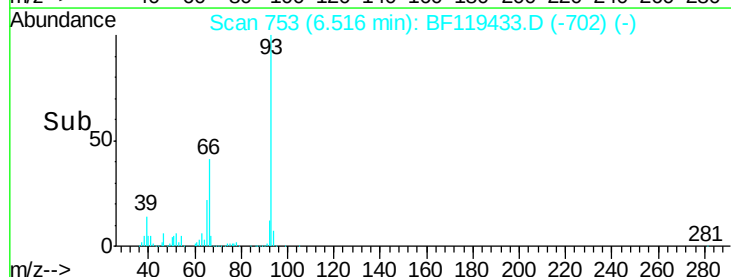
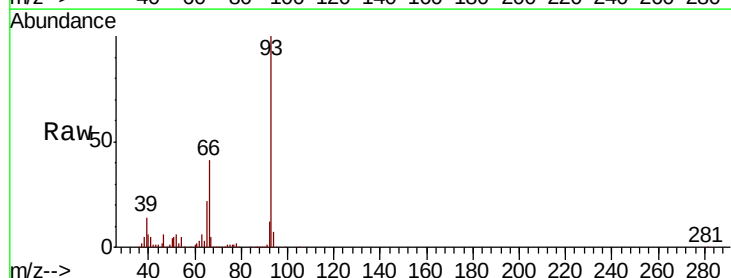
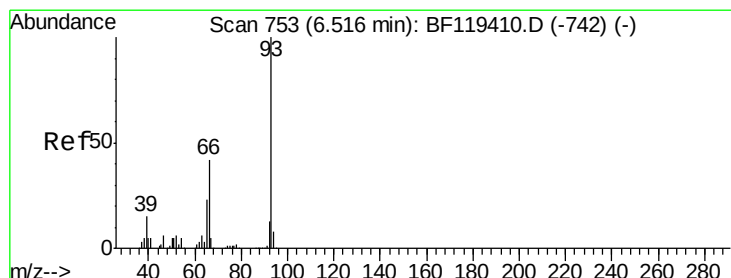
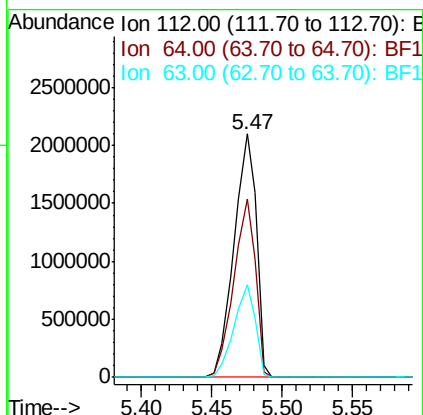
#5
2-Fluorophenol
Concen: 105.551 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.02 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Tot Ion	Ratio	Lower	Upper
112	100		
64	73.0	58.1	87.1
63	38.1	29.7	44.5

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ClientSampleId :
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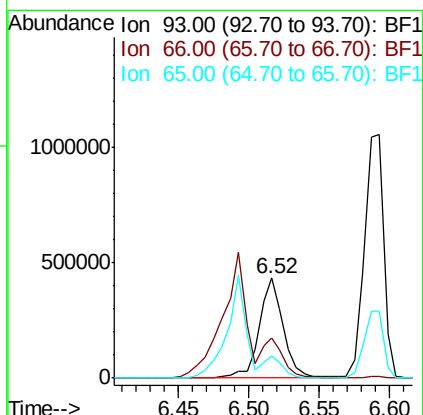
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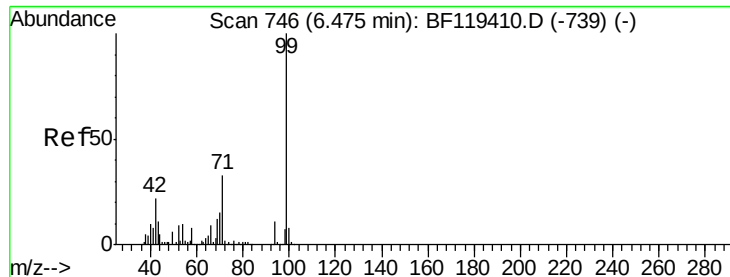
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#6
Aniline
Concen: 13.642 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Tgt Ion	Ratio	Lower	Upper
93	100		
66	40.8	34.2	51.4
65	22.3	18.2	27.4





#7

Phenol-d6

Concen: 106.705 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF119433.D

Acq: 18 Mar 2020 23:51

Instrument :

BNA_F

ClientSampled :

VNJ-219MS

Tot Ion: 99 Resp: 2984345

Ion Ratio Lower Upper

99 100

42 21.9 17.8 26.6

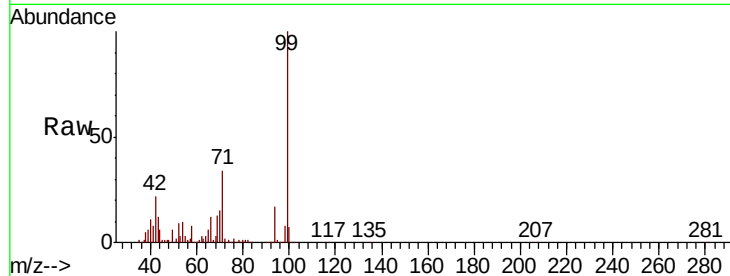
71 33.8 26.0 39.0

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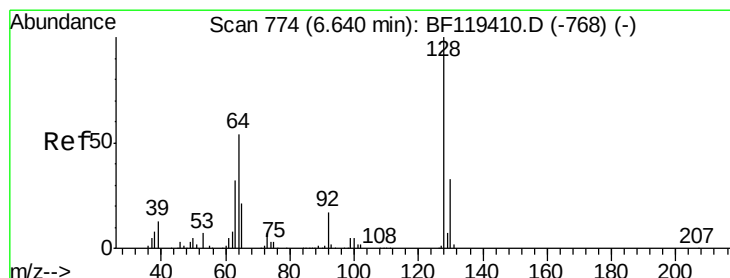
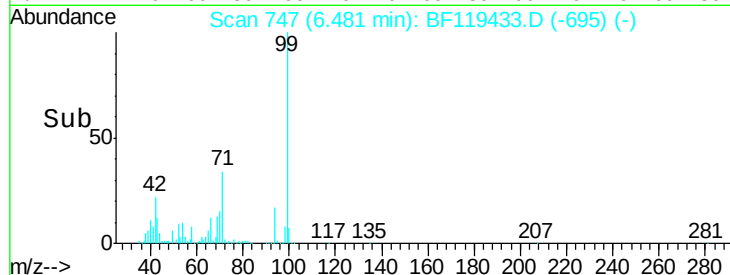
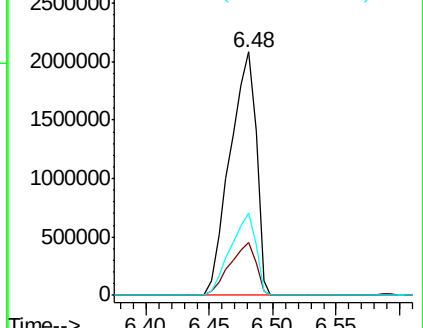
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.347 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF119433.D

Acq: 18 Mar 2020 23:51

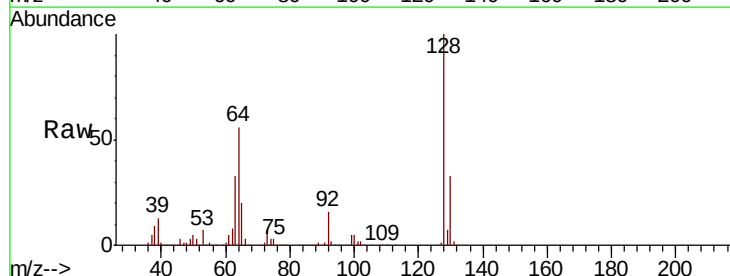
Tgt Ion:128 Resp: 1019758

Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

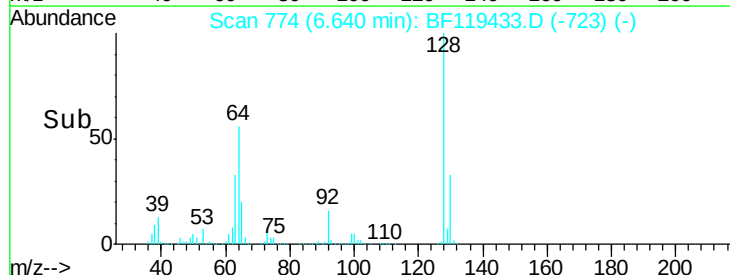
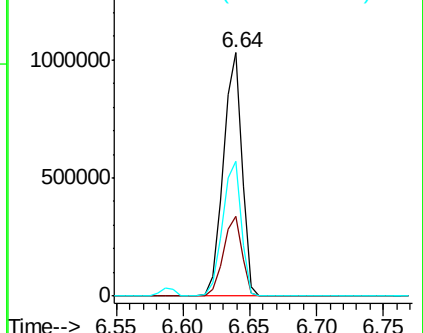
64 55.5 35.1 75.1

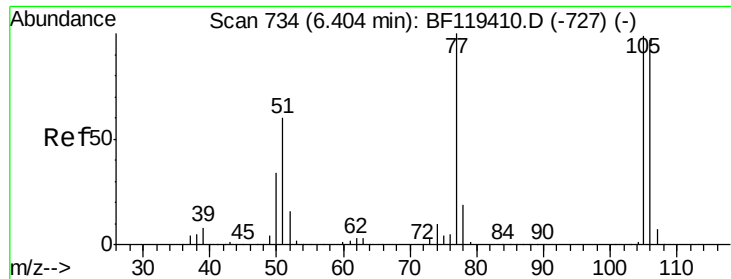


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.898 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF119433.D

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Instrument :

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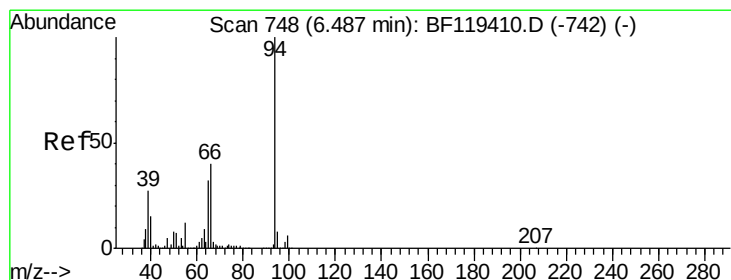
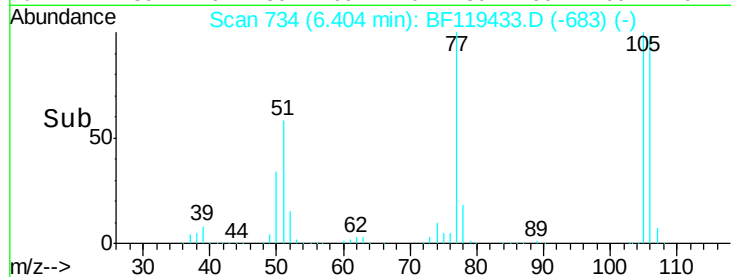
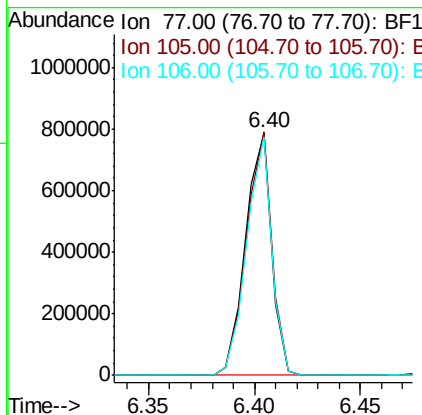
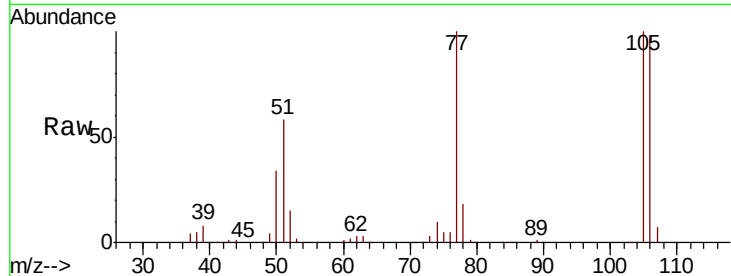
ClientSampled :

VNJ-219MS

Tot Ion:	77	Resp:	672386
Ion	Ratio	Lower	Upper
77	100		
105	100.2	78.6	118.6
106	98.1	76.5	116.5

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#10

Phenol

Concen: 42.047 ng

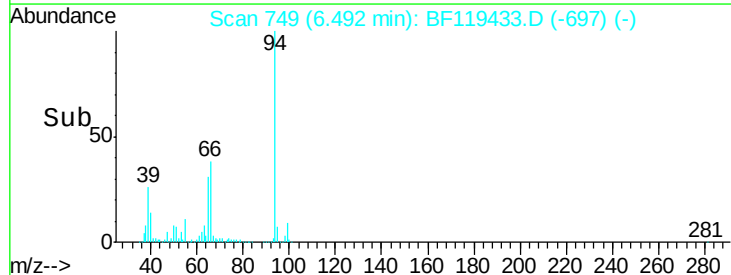
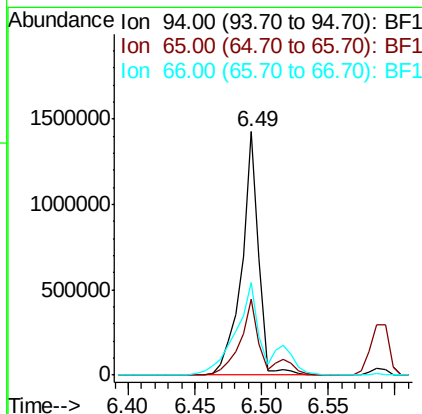
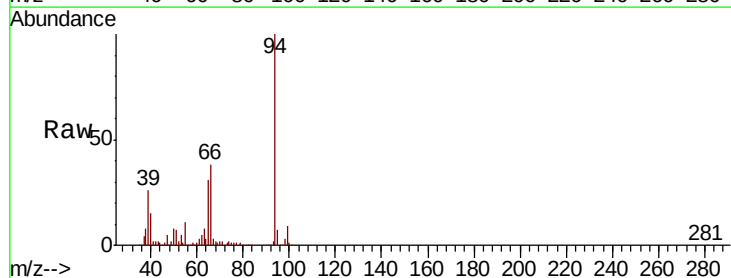
RT: 6.49 min Scan# 749

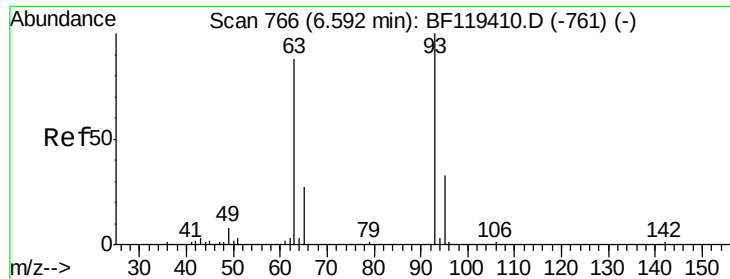
Delta R.T. 0.01 min

Lab File: BF119433.D

Acq: 18 Mar 2020 23:51

Tgt Ion:	94	Resp:	1254804
Ion	Ratio	Lower	Upper
94	100		
65	31.1	12.0	52.0
66	38.3	20.6	60.6





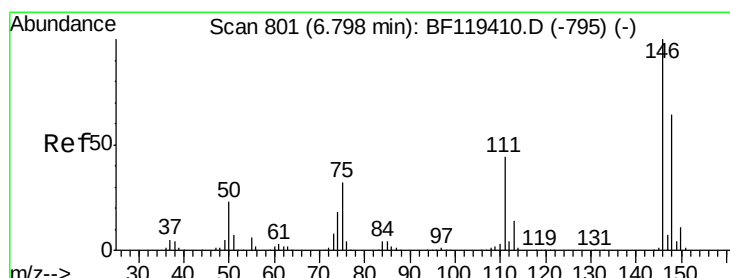
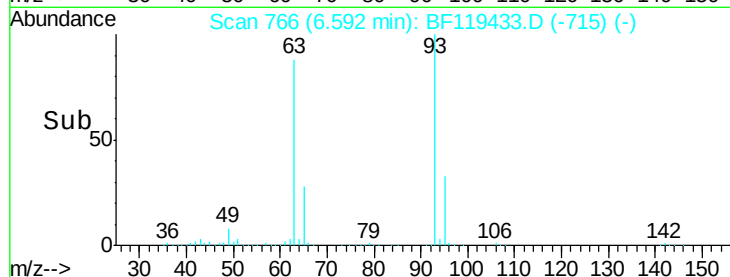
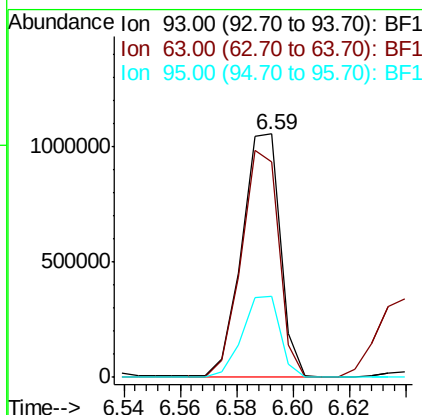
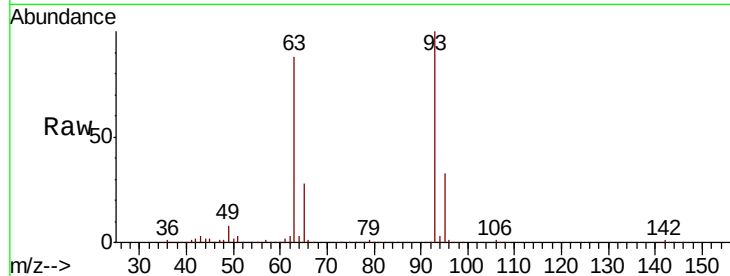
#11
bis(2-Chloroethyl)ether
Concen: 41.744 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Instrument :
BNA_F
ClientSampleId :
VNJ-219MS

Tot Ion	93	Resp	996335
Ion	Ratio	Lower	Upper
93	100		
63	88.3	68.4	108.4
95	33.1	13.4	53.4

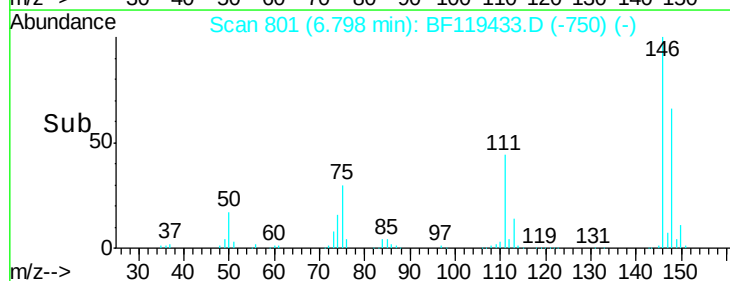
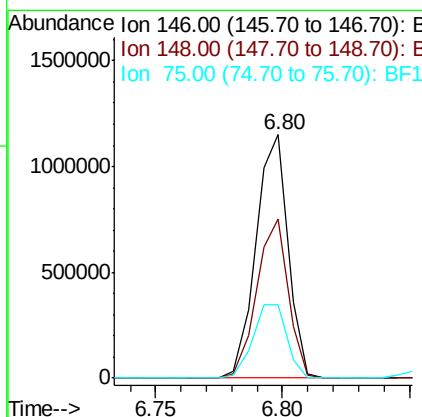
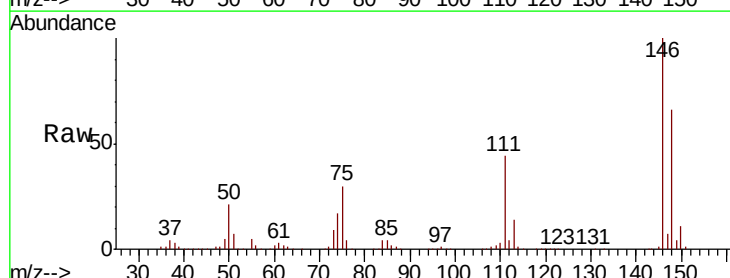
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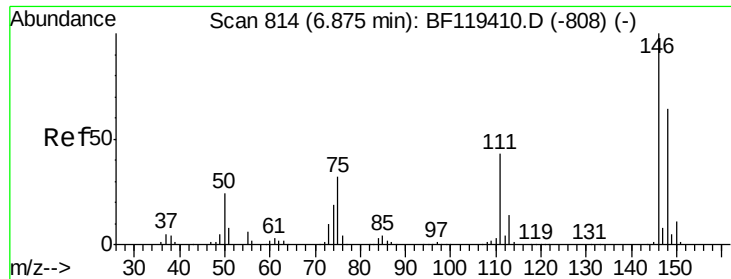
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.858 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Tgt Ion	146	Resp	1016847
Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.4	77.0
75	30.1	25.8	38.8





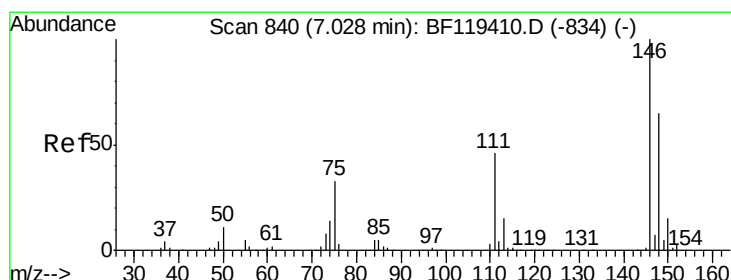
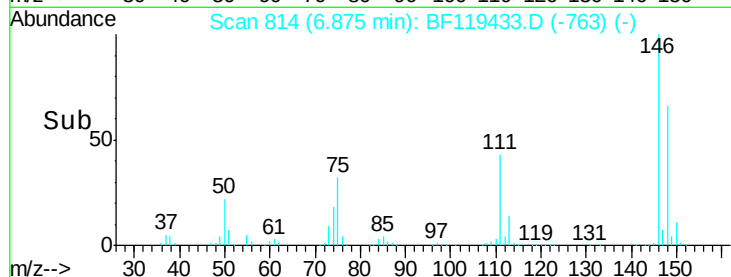
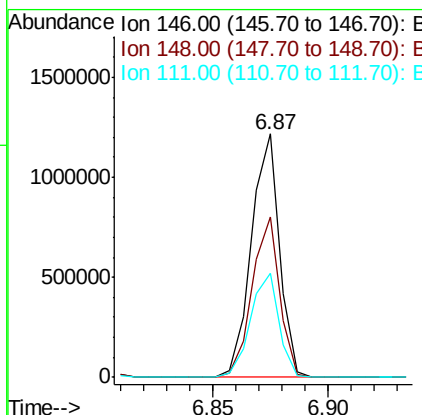
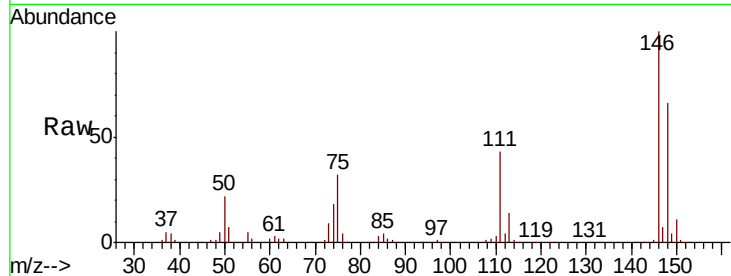
#13
 1,4-Dichlorobenzene
 Concen: 41.531 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF119433.D
 Acq: 18 Mar 2020 23:51

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219MS

Tot Ion	Ion	Ratio	Lower	Upper
146	100			
148	65.7	50.9	76.3	
111	42.8	34.6	52.0	

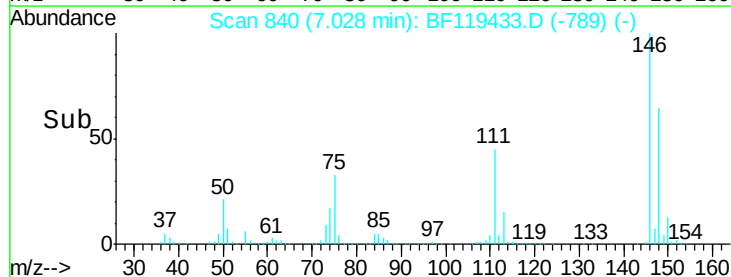
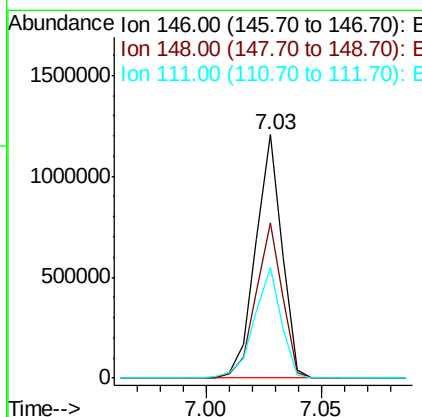
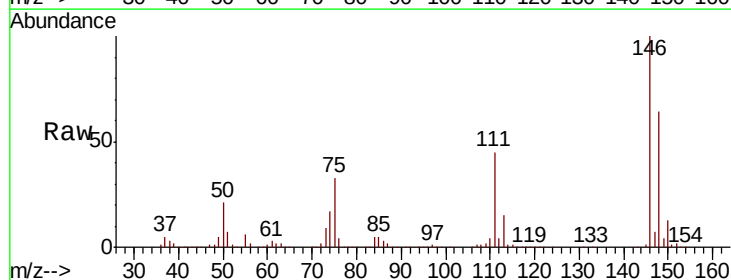
Manual Integrations
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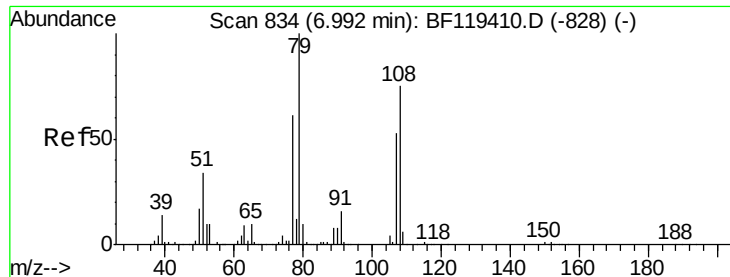
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.331 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF119433.D
 Acq: 18 Mar 2020 23:51

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	63.9	51.7	77.5	
111	45.2	36.4	54.6	





#15

Benzyl Alcohol

Concen: 41.714 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF119433.D

Acq: 18 Mar 2020 23:51

Instrument :

BNA_F

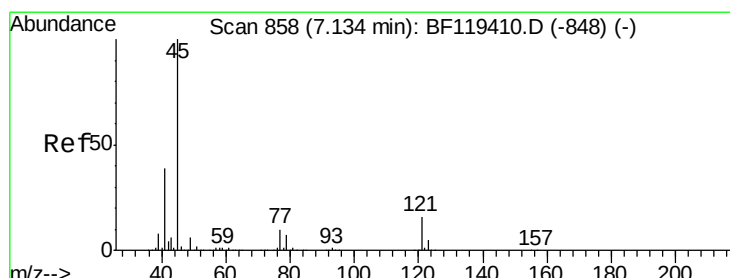
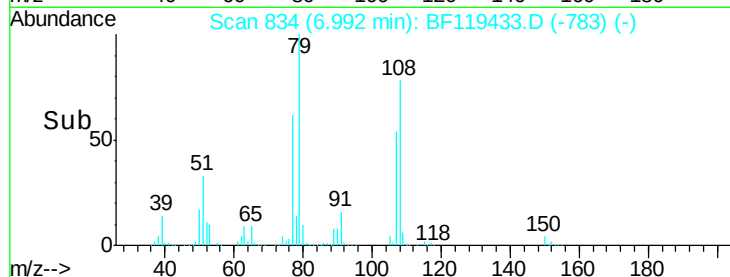
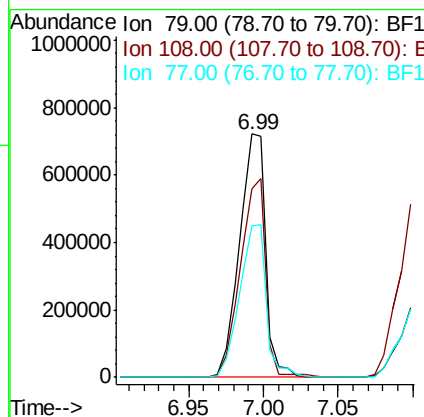
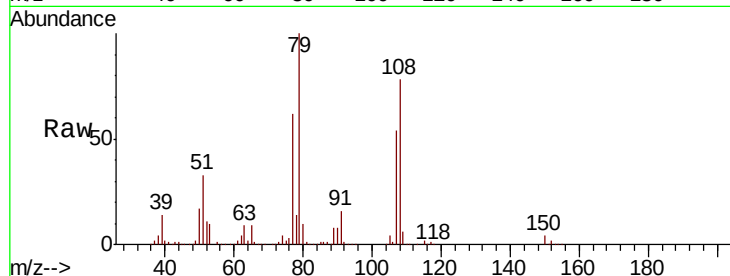
ClientSampled :

VNJ-219MS

Tot Ion:	79	Resp:	877593
Ion	Ratio	Lower	Upper
79	100		
108	77.6	60.4	90.6
77	62.2	49.0	73.4

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.258 ng

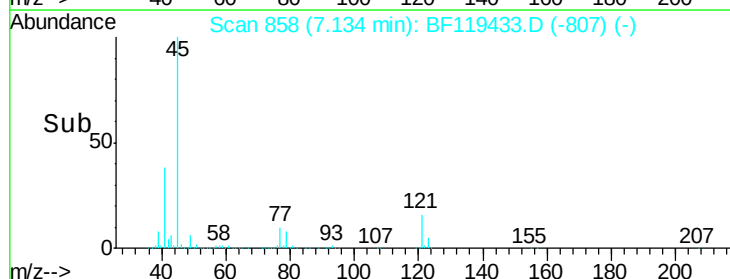
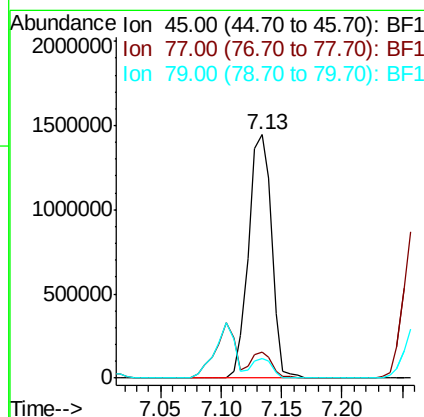
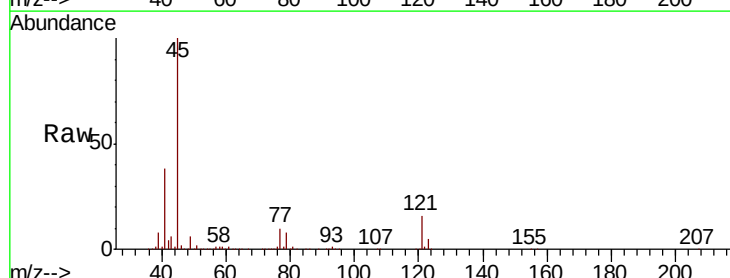
RT: 7.13 min Scan# 858

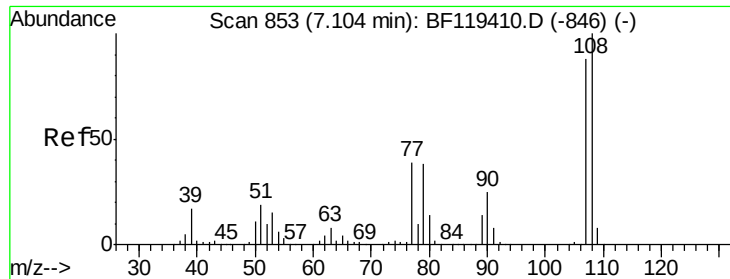
Delta R.T. 0.00 min

Lab File: BF119433.D

Acq: 18 Mar 2020 23:51

Tgt Ion:	45	Resp:	1938163
Ion	Ratio	Lower	Upper
45	100		
77	10.5	0.0	30.1
79	8.1	0.0	27.4





#17

2-Methylphenol

Concen: 38.820 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF119433.D

Acq: 18 Mar 2020 23:51

Instrument :

BNA_F

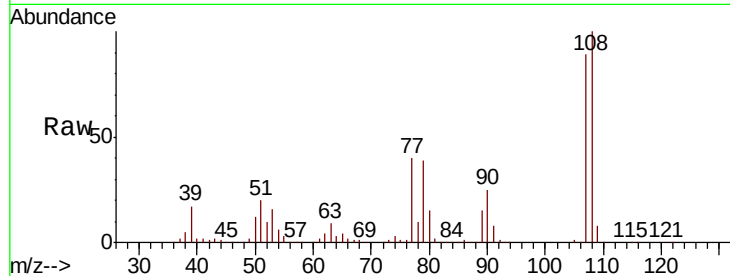
ClientSampleId :

VNJ-219MS

Tot Ion:	107	Resp:	817880
Ion Ratio	Lower	Upper	
107	100		
108	112.7	90.7	136.1
77	44.7	35.6	53.4
79	44.3	34.7	52.1

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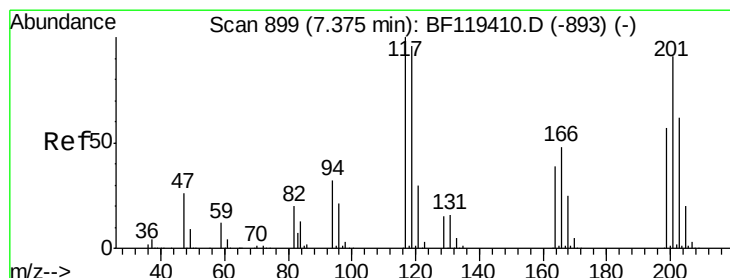
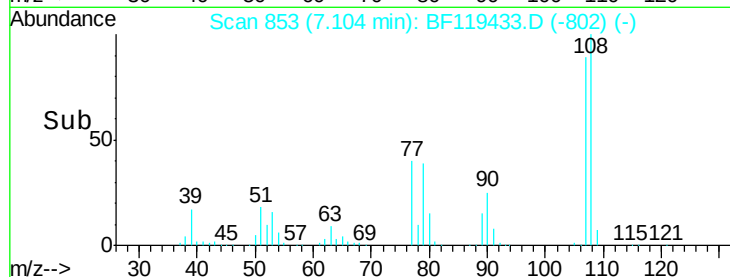
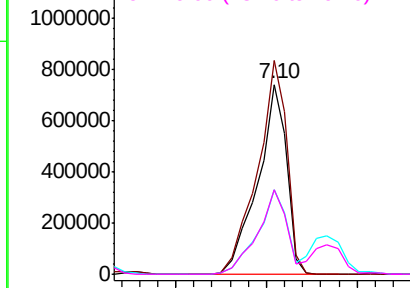
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 42.940 ng

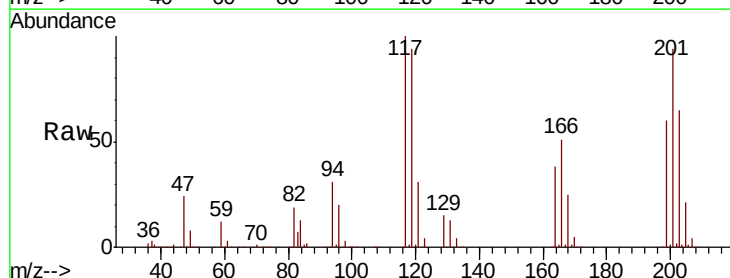
RT: 7.37 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF119433.D

Acq: 18 Mar 2020 23:51

Tgt Ion:	117	Resp:	391730
Ion Ratio	Lower	Upper	
117	100		
119	94.1	76.8	115.2
201	94.4	72.5	108.7

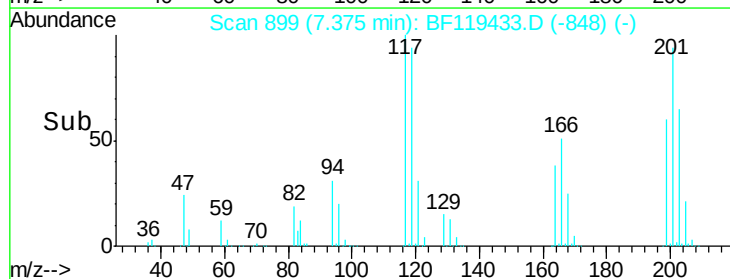
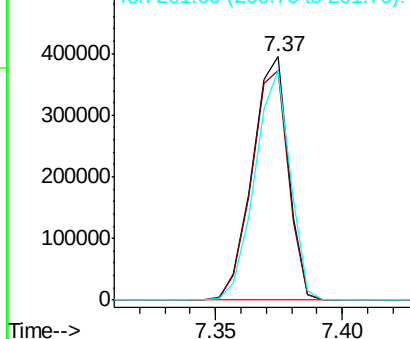


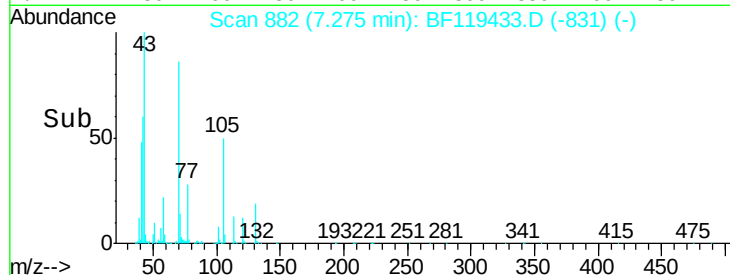
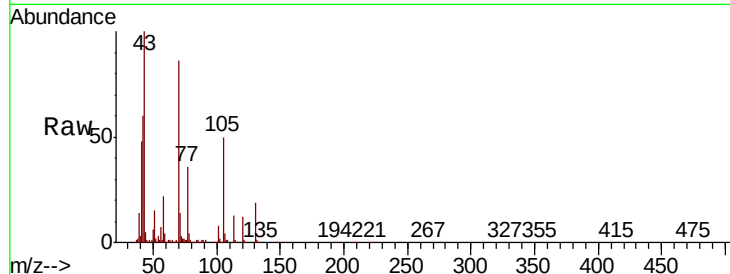
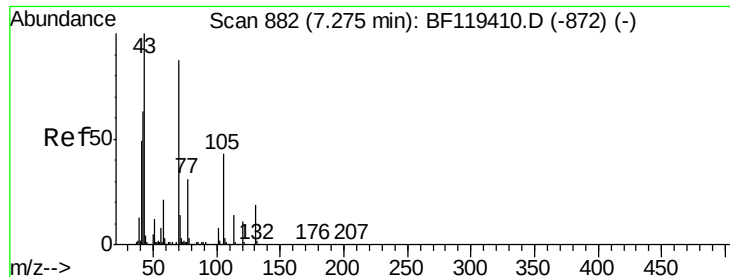
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





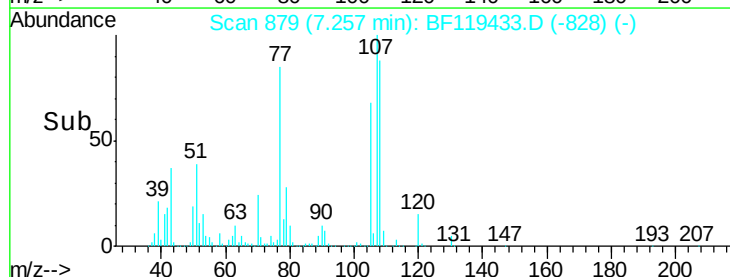
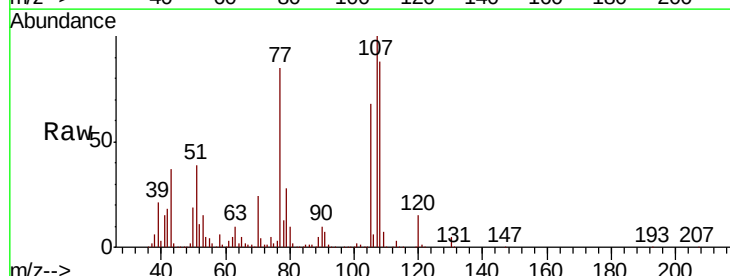
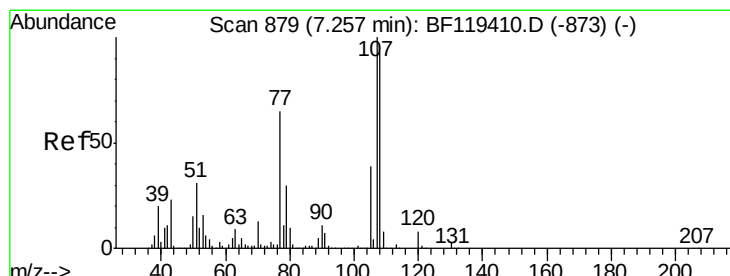
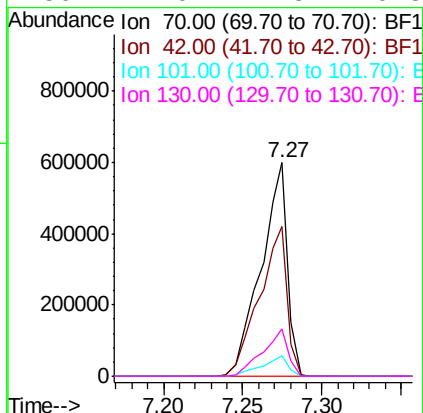
#19
n-Nitroso-di-n-propylamine
Concen: 41.490 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Instrument :
BNA_F
ClientSampleId :
VNJ-219MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	70.0	58.2	87.4	
101	9.5	7.4	11.2	
130	22.0	17.8	26.8	

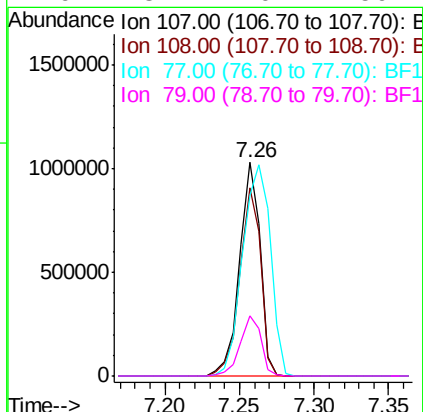
Manual Integrations
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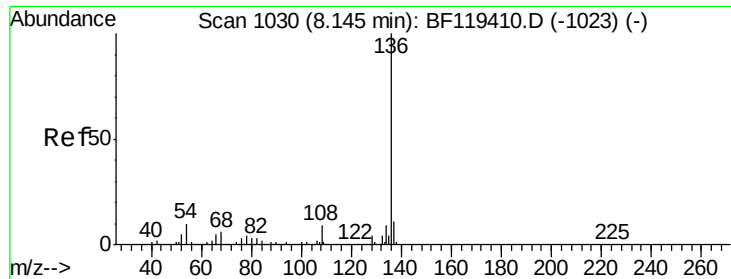
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#20
3+4-Methylphenols
Concen: 38.403 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.2	72.6	112.6	
77	84.7	44.7	84.7#	
79	28.2	10.2	50.2	





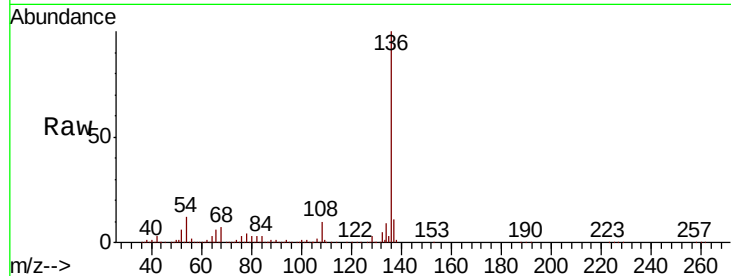
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Instrument :
BNA_F
ClientSampleId :
VNJ-219MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1340610		
137	11.4	8.4	12.6		
54	12.4	8.3	12.5		
68	6.6	4.9	7.3		

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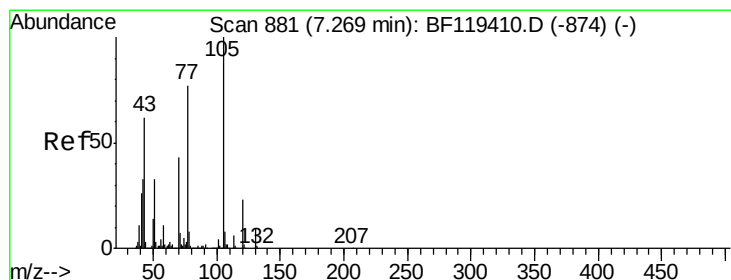
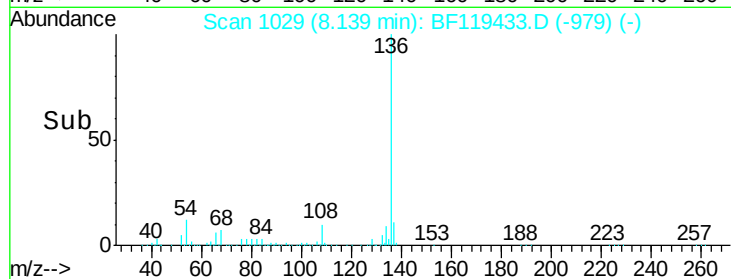
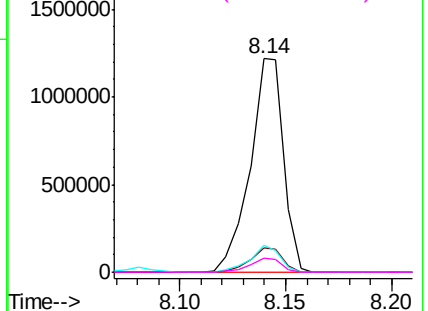
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.793 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1306729		
71	8.1	5.8	8.6		
51	33.8	26.8	40.2		
120	22.8	18.0	27.0		

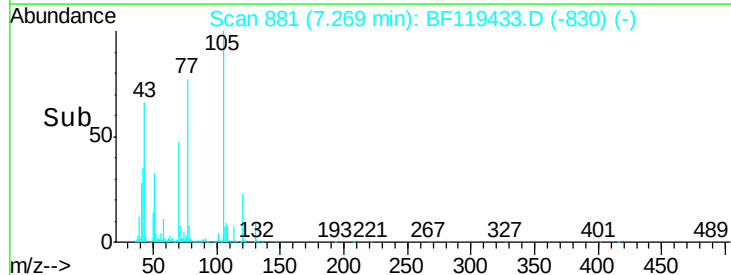
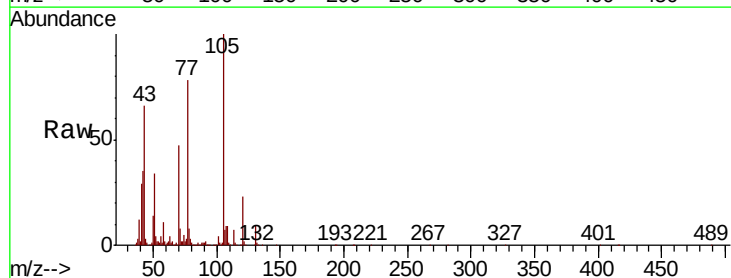
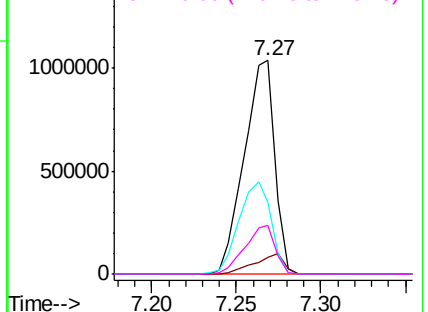
Abundance

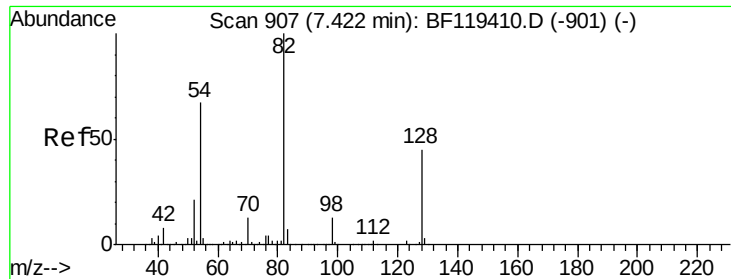
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





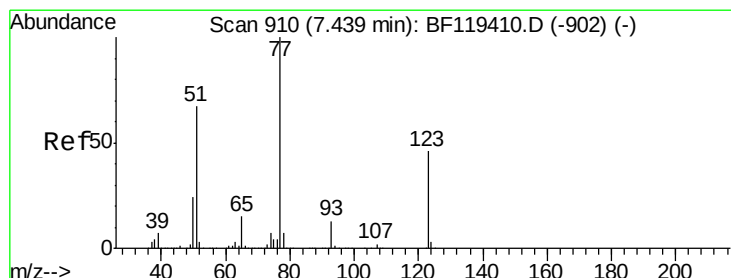
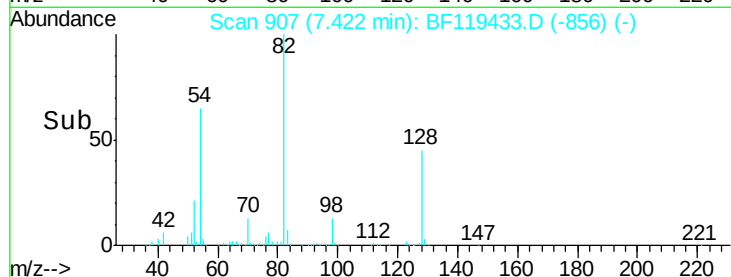
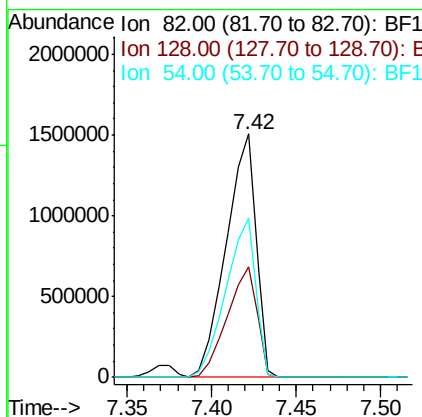
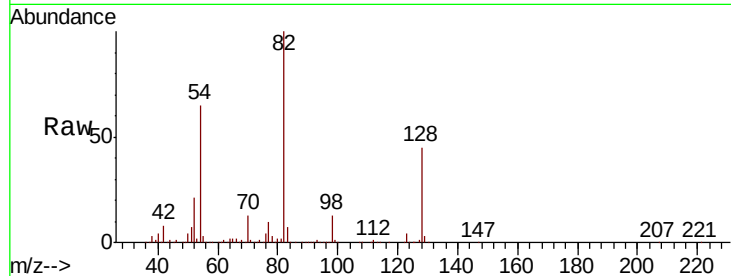
#23
 Nitrobenzene-d5
 Concen: 74.901 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF119433.D
 Acq: 18 Mar 2020 23:51

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219MS

Tot Ion: 82 Resp: 1847606
 Ion Ratio Lower Upper
 82 100
 128 45.3 35.8 53.8
 54 65.4 53.4 80.0

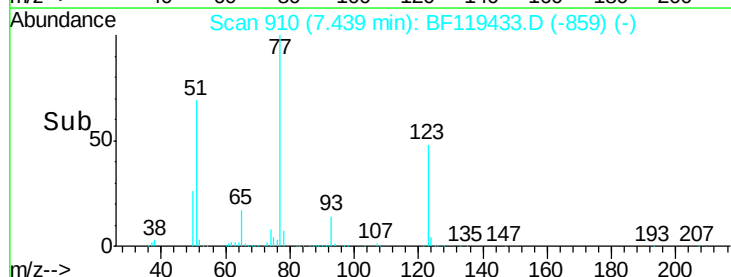
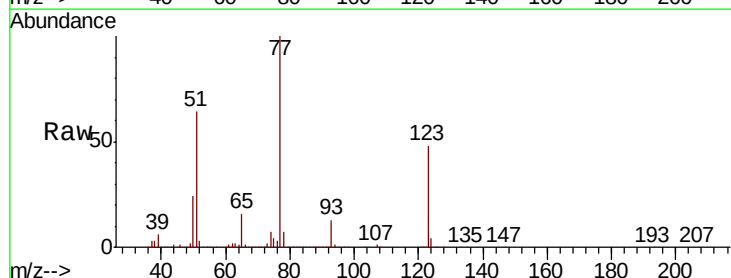
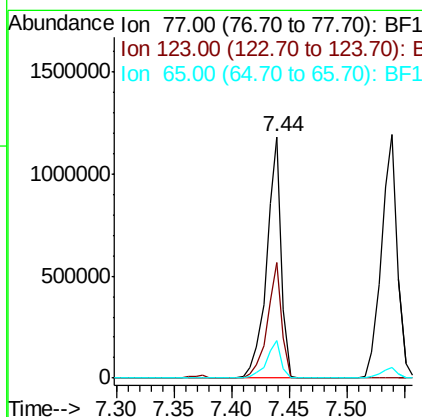
Manual Integrations
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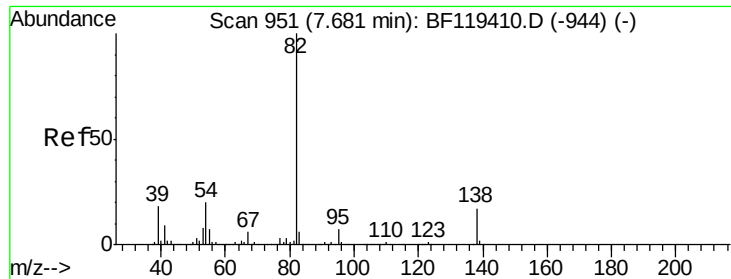
mohammad
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#24
 Nitrobenzene
 Concen: 39.616 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF119433.D
 Acq: 18 Mar 2020 23:51

Tgt Ion: 77 Resp: 1044340
 Ion Ratio Lower Upper
 77 100
 123 48.1 36.9 55.3
 65 15.6 12.2 18.4





#25

Isophorone

Concen: 39.020 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF119433.D

Acq: 18 Mar 2020 23:51

Instrument :

BNA_F

ClientSampleId :

VNJ-219MS

Tot Ion: 82 Resp: 1952505

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

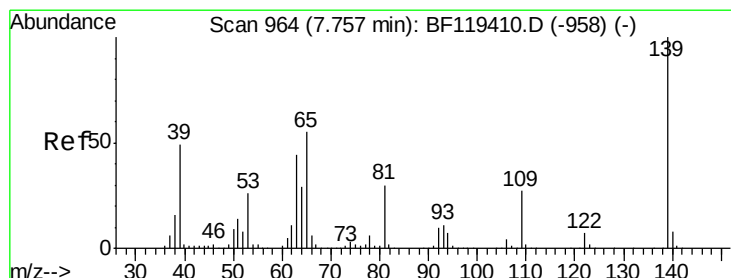
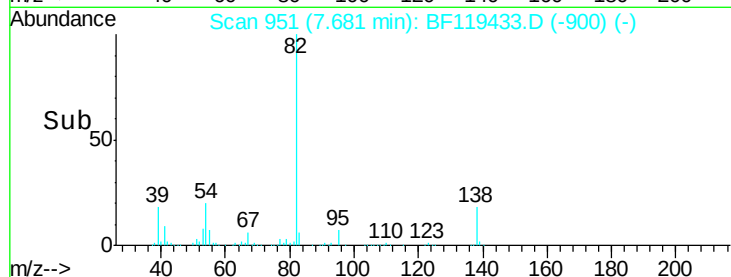
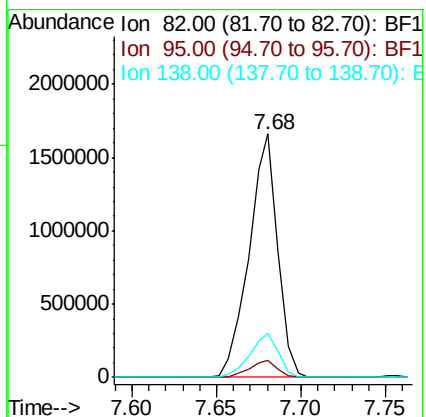
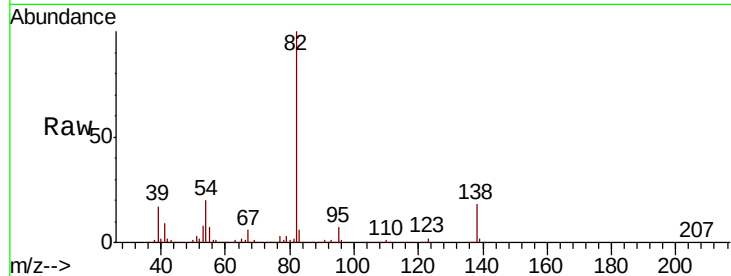
138 17.9 13.8 20.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 47.946 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF119433.D

Acq: 18 Mar 2020 23:51

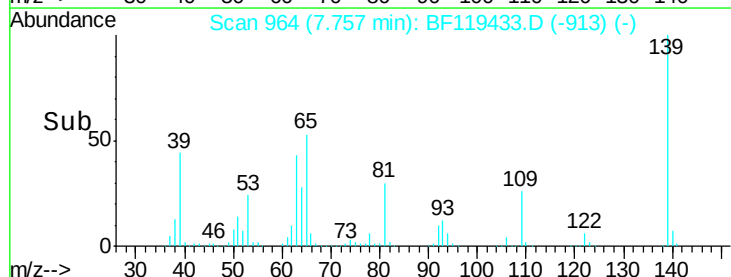
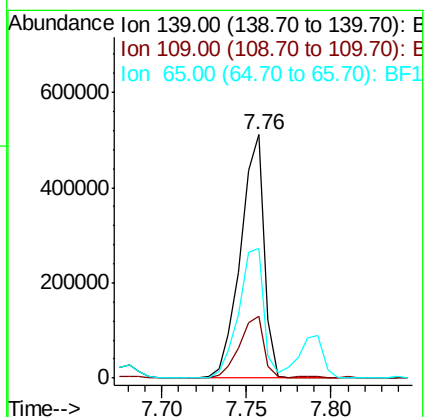
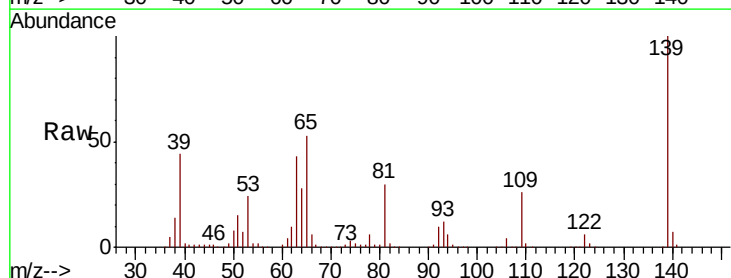
Tgt Ion: 139 Resp: 497661

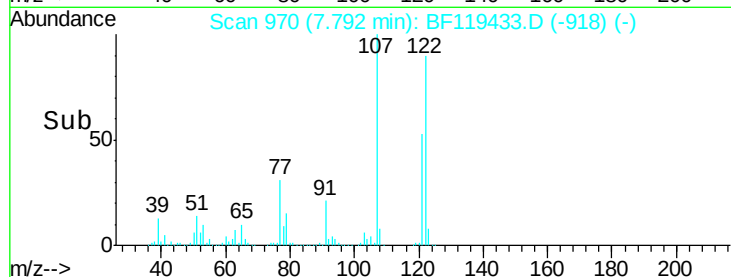
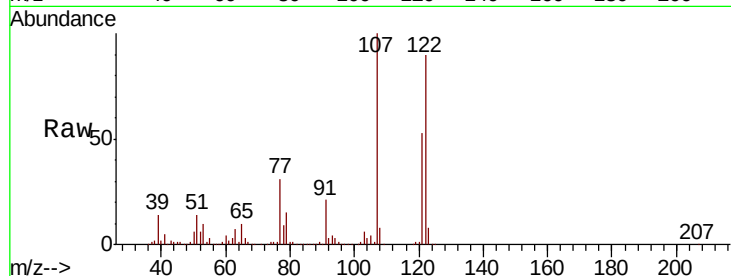
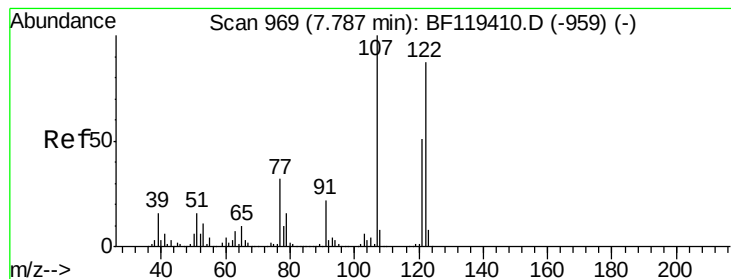
Ion Ratio Lower Upper

139 100

109 25.6 21.7 32.5

65 53.4 43.9 65.9





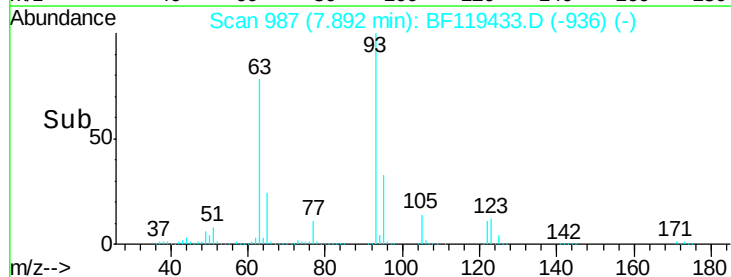
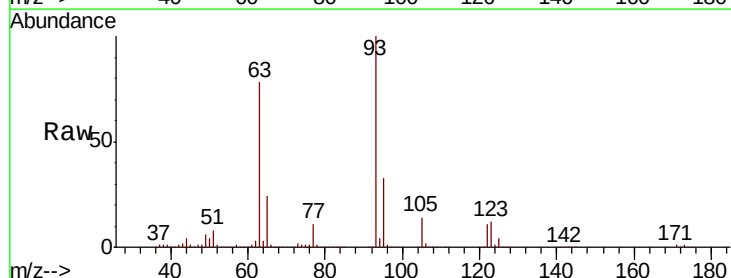
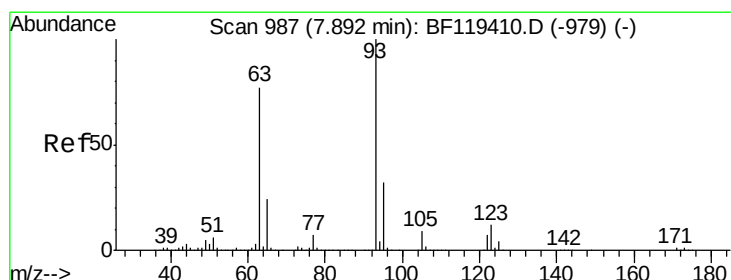
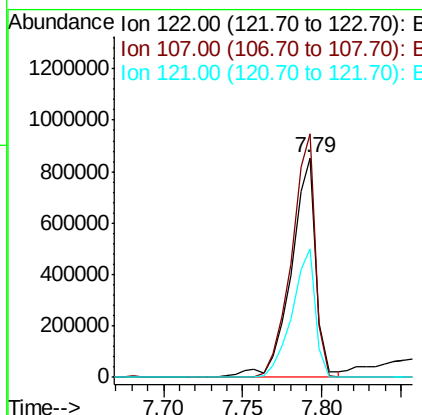
#27
2,4-Dimethylphenol
Concen: 42.928 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.8	91.8	137.6
121	58.6	46.5	69.7

Instrument :
BNA_F
ClientSampleId :
VNJ-219MS

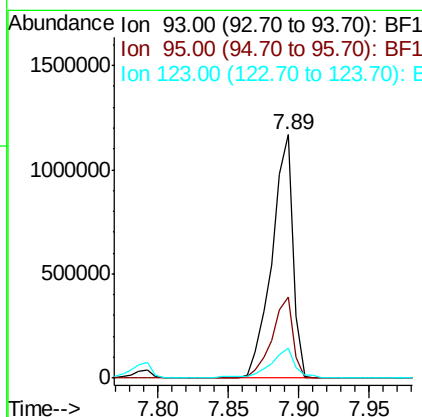
Manual Integrations
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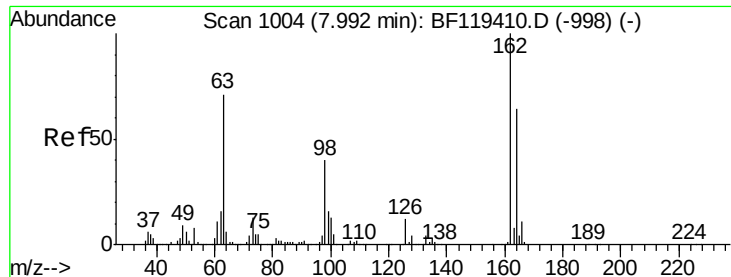
mohammad
3/19/2020 2:44:09 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.266 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.0	39.0
123	12.1	9.7	14.5





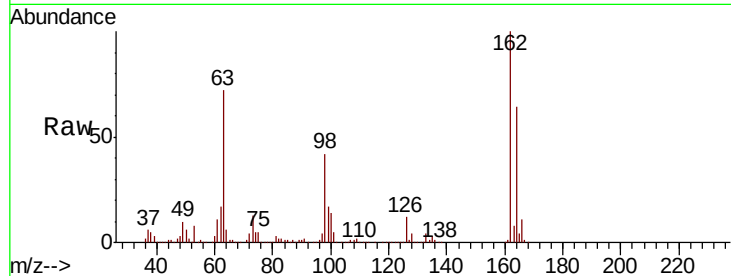
#29
2,4-Dichlorophenol
Concen: 40.769 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Instrument :
BNA_F
ClientSampled :
VNJ-219MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	803973		
164	63.7	43.6	83.6	
98	41.7	20.4	60.4	

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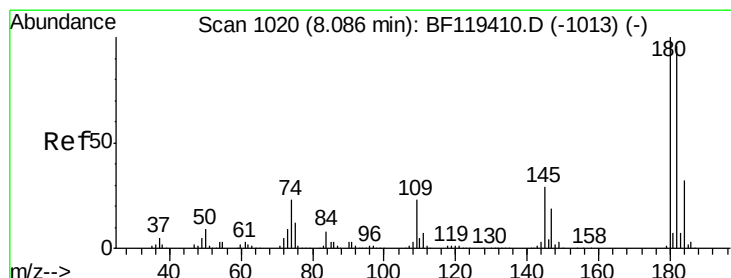
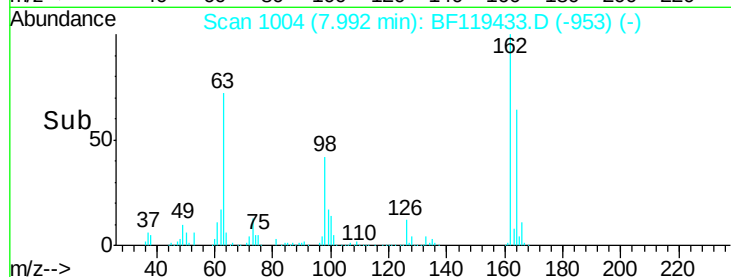
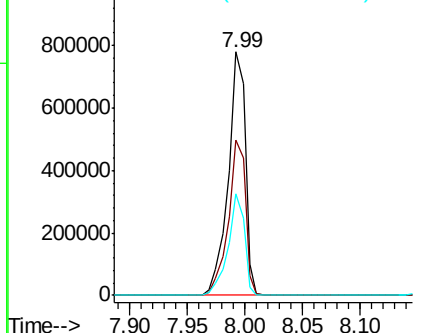


Abundance

Ion 162.00 (161.70 to 162.70): E

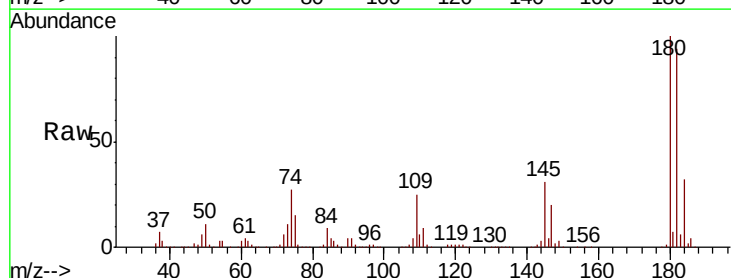
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.982 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	871967		
182	94.3	76.6	115.0	
145	31.3	23.2	34.8	

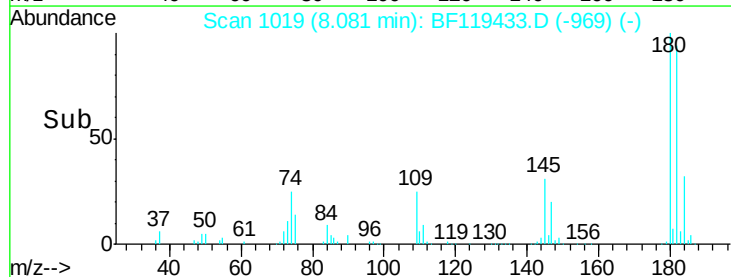
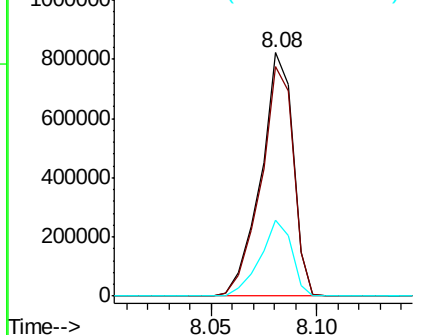


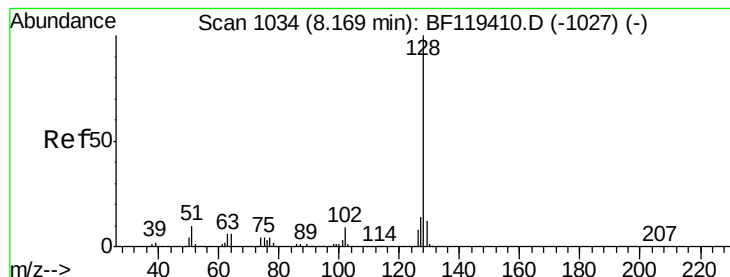
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.098 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF119433.D

Acq: 18 Mar 2020 23:51

Instrument :

BNA_F

ClientSampleId :

VNJ-219MS

Tot Ion:128 Resp: 2766347

Ion Ratio Lower Upper

128 100

129 12.0 9.3 13.9

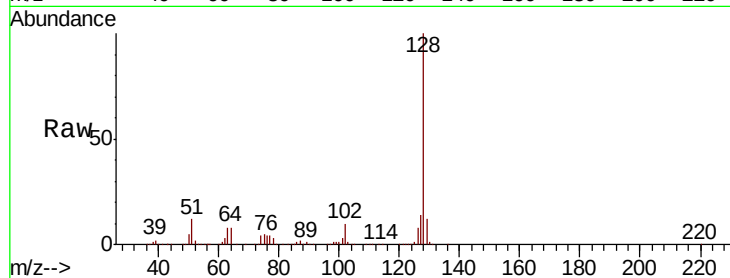
127 14.3 11.0 16.4

Manual Integrations

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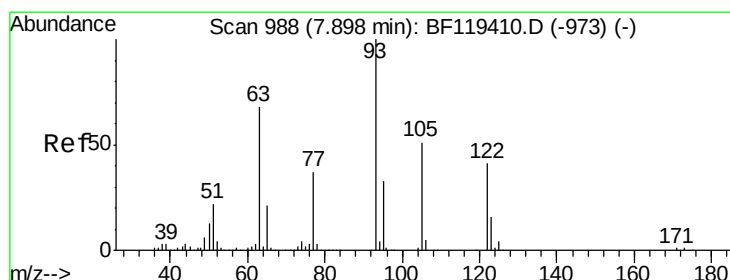
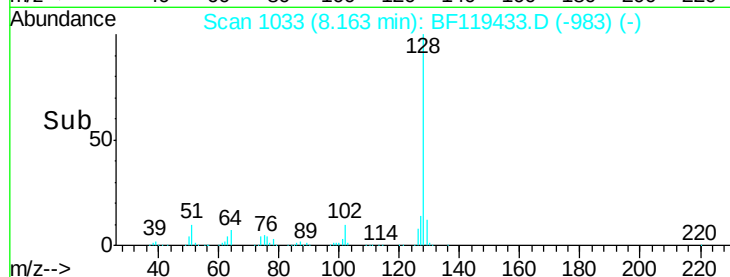
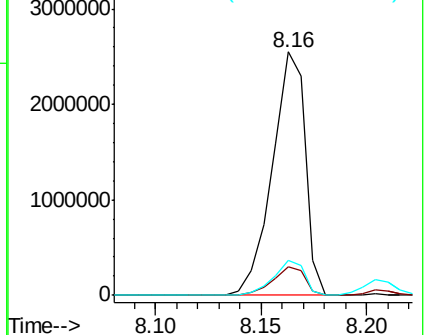
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.941 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF119433.D

Acq: 18 Mar 2020 23:51

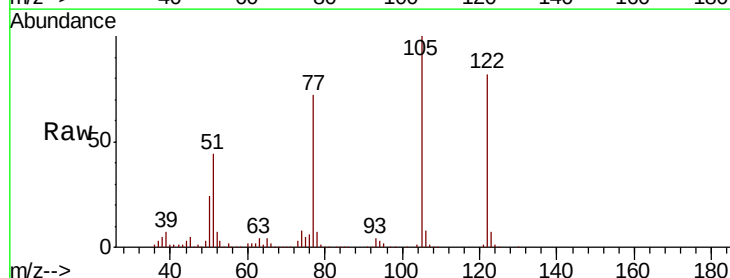
Tgt Ion:122 Resp: 565218

Ion Ratio Lower Upper

122 100

105 122.6 102.9 142.9

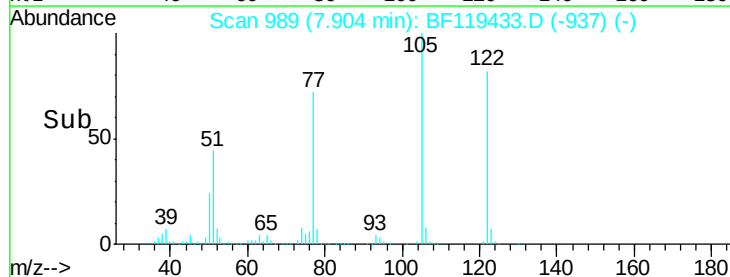
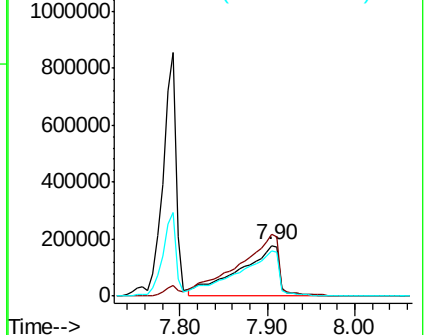
77 88.8 70.1 110.1

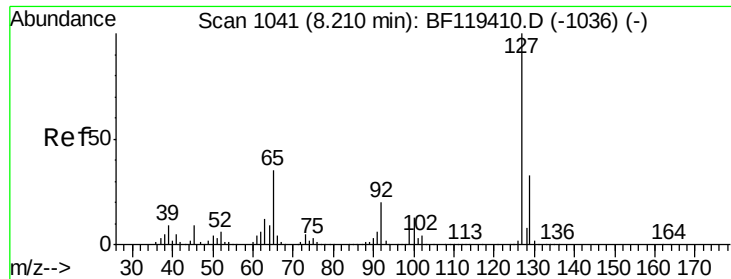


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





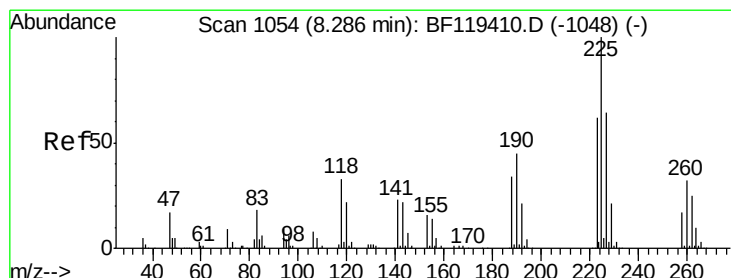
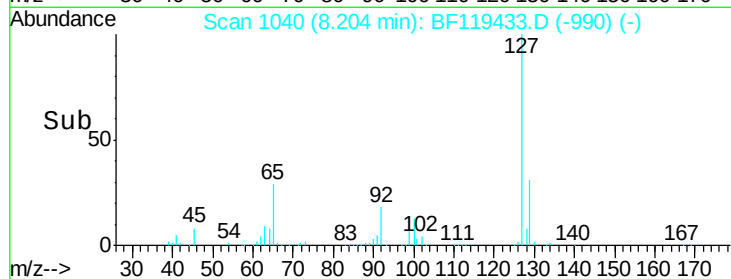
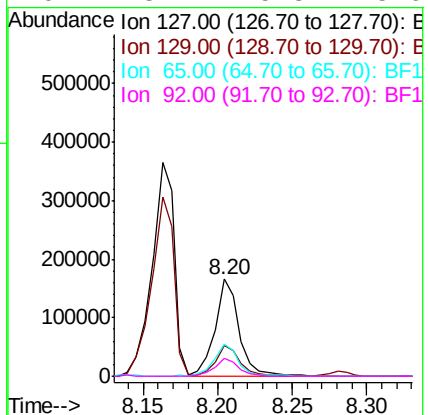
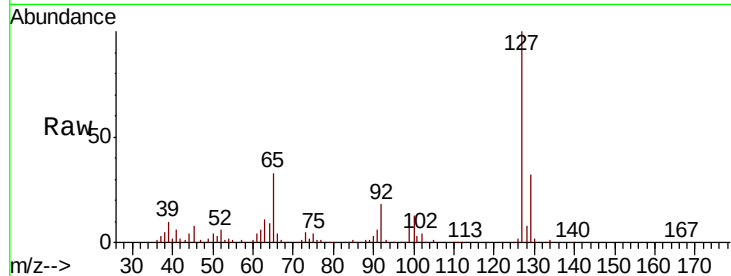
#33
4-Chloroaniline
Concen: 5.968 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Instrument :
BNA_F
ClientSampleId :
VNJ-219MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.5	26.2	39.4		
65	32.9	27.7	41.5		
92	18.2	15.8	23.6		

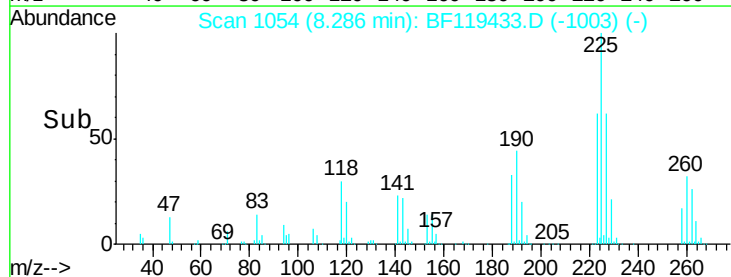
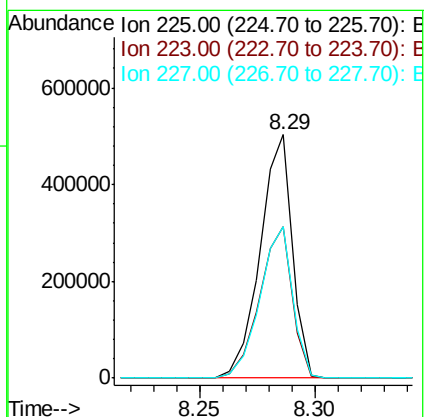
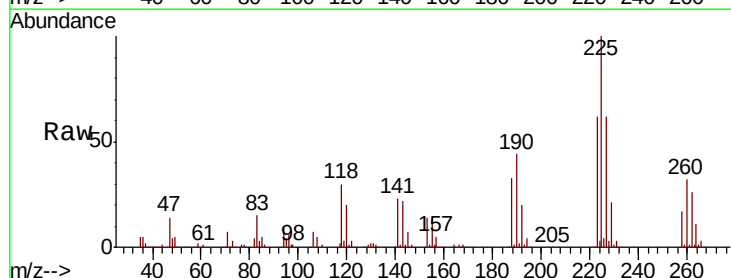
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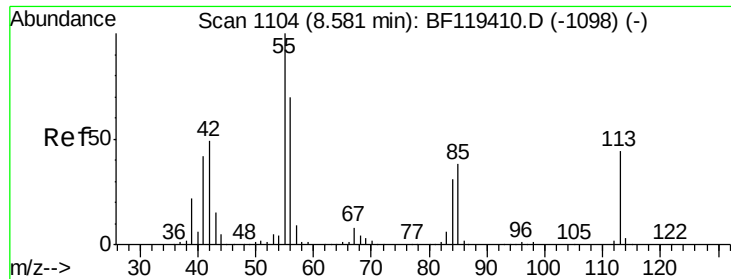
mohammad
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#34
Hexachlorobutadiene
Concen: 40.043 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	49.2	73.8		
227	62.0	51.1	76.7		





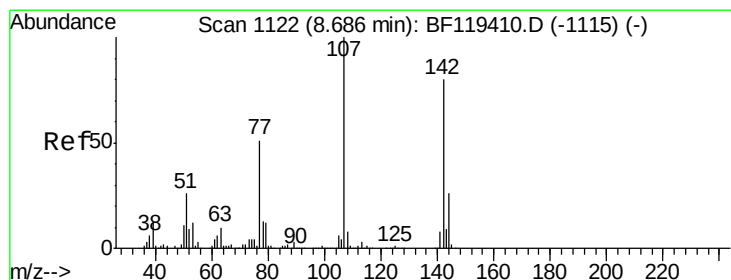
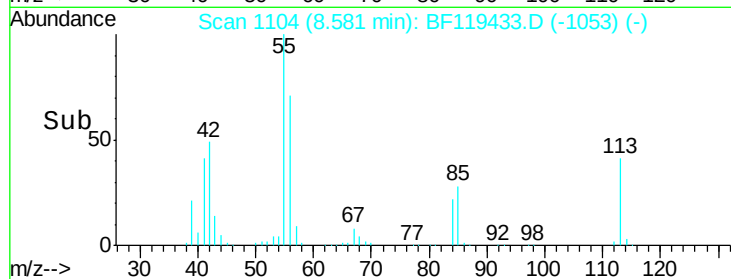
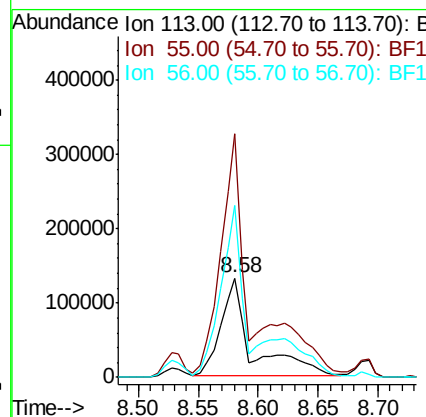
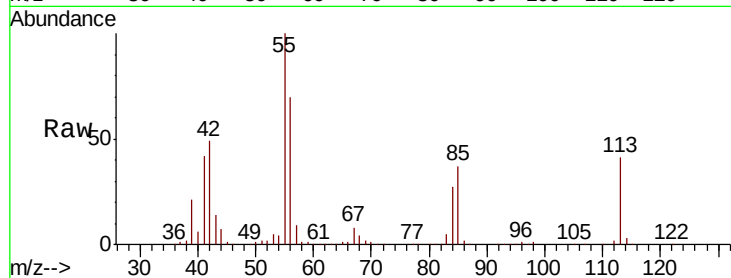
#35
 Caprolactam
 Concen: 37.186 ng/ml
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.00 min
 Lab File: BF119433.D
 Acq: 18 Mar 2020 23:51

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	245.8	208.4	248.4
56	173.0	138.9	178.9

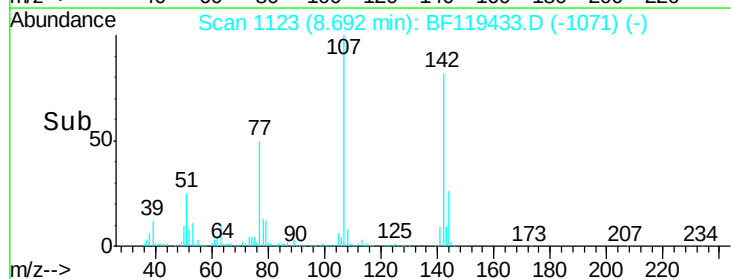
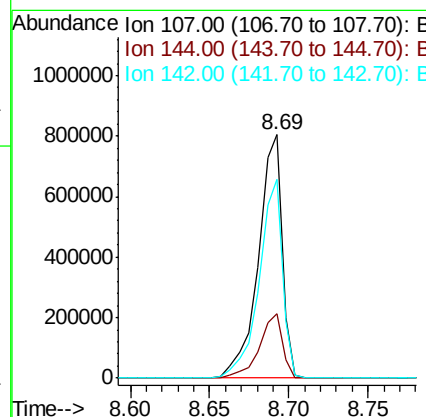
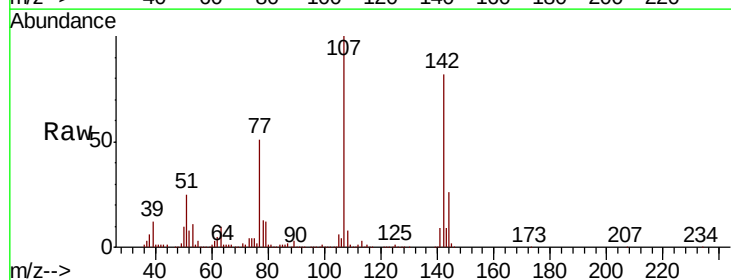
Manual Integrations
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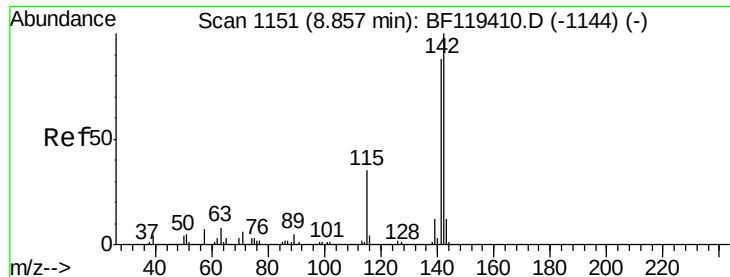
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 39.288 ng/ml
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF119433.D
 Acq: 18 Mar 2020 23:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.6	31.0
142	81.6	63.8	95.6





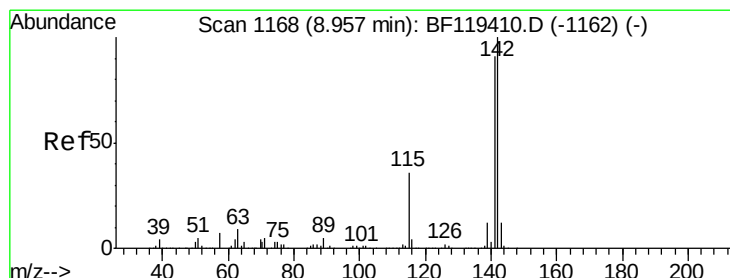
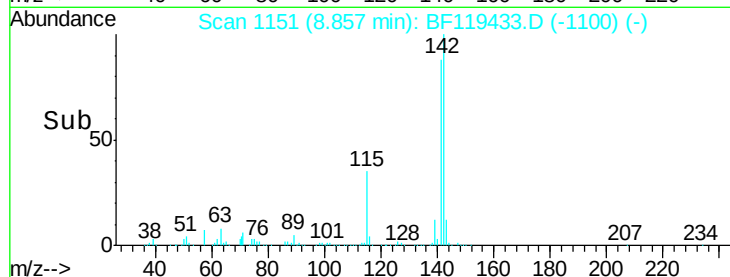
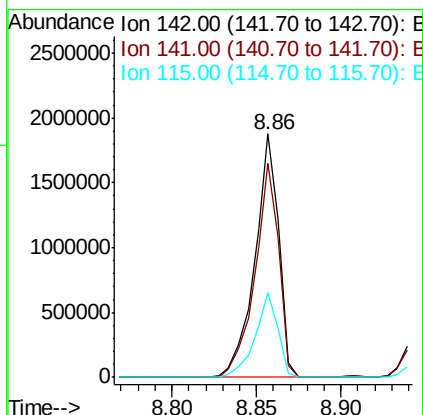
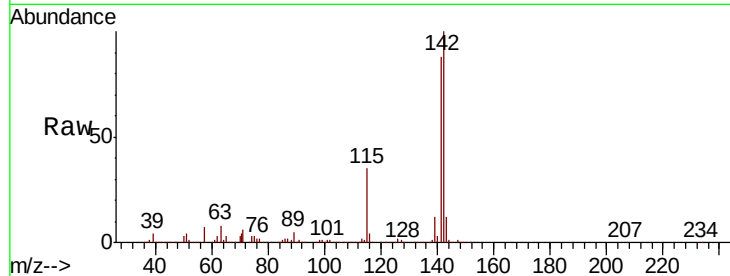
#37
2-Methylnaphthalene
Concen: 40.708 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Instrument :
BNA_F
ClientSampleId :
VNJ-219MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.4	105.6
115	34.8	27.8	41.6

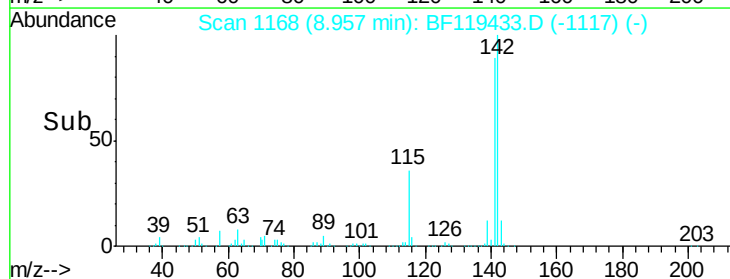
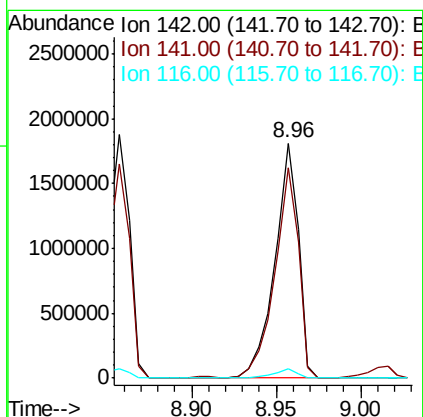
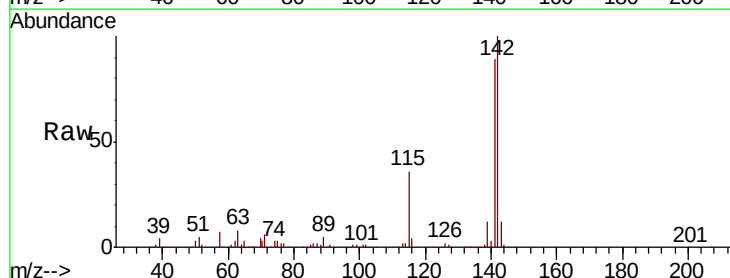
Manual Integrations
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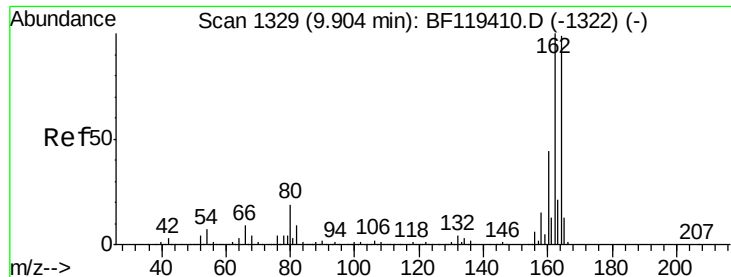
mohammad
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#38
1-Methylnaphthalene
Concen: 40.867 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.1	109.7
116	3.8	3.0	4.6





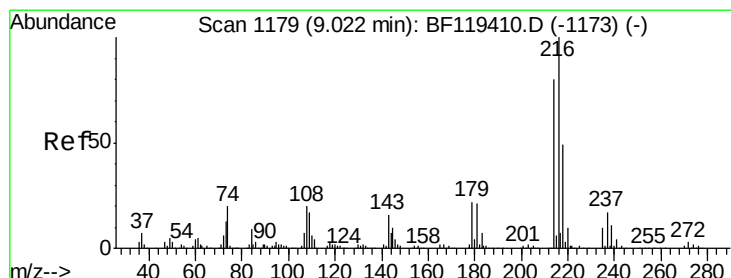
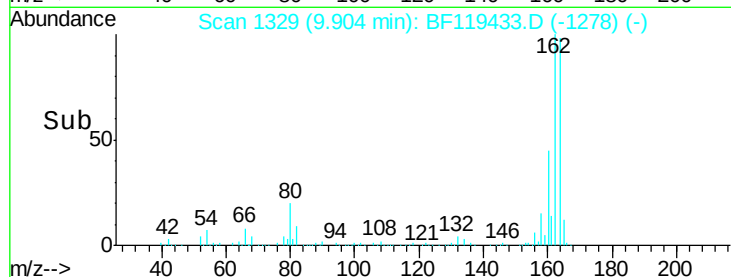
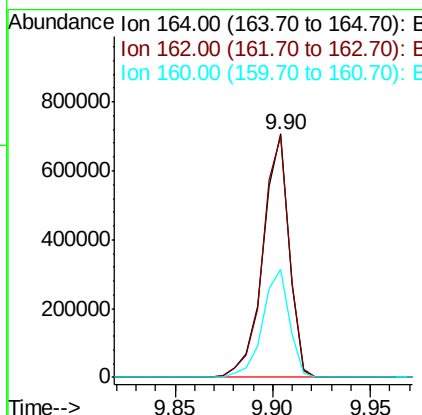
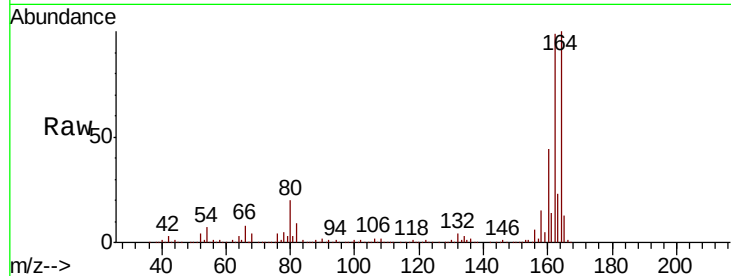
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Instrument :
BNA_F
ClientSampleId :
VNJ-219MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.2	80.7	121.1	
160	44.5	35.5	53.3	

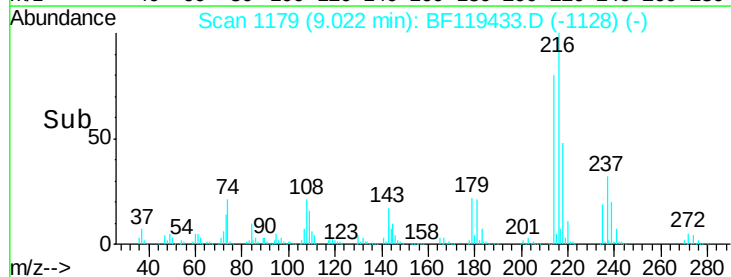
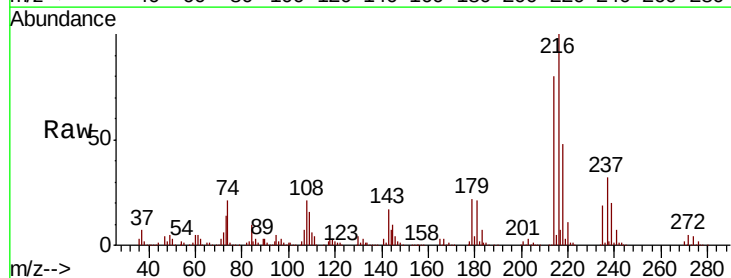
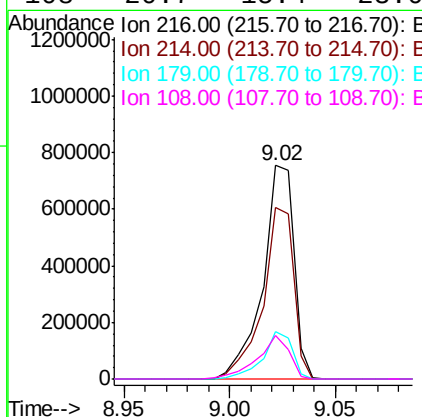
Manual Integrations
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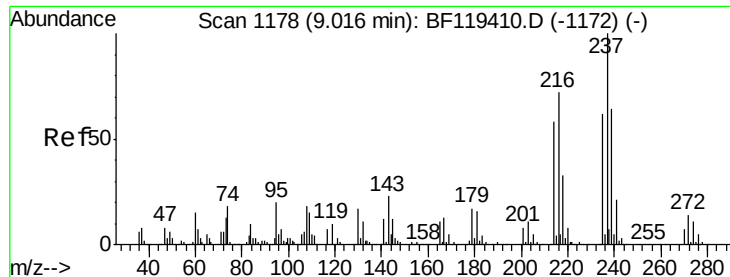
mohammad
3/19/2020 2:44:09 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.448 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	63.0	94.6	
179	21.1	17.0	25.4	
108	20.7	15.4	23.0	





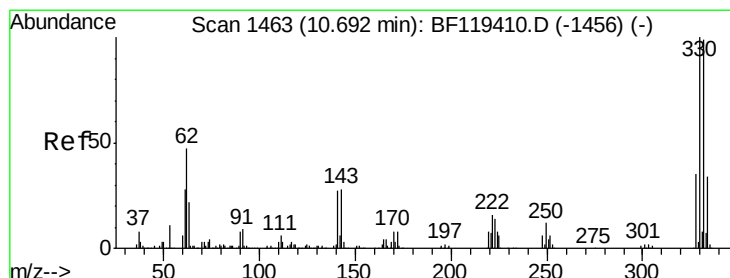
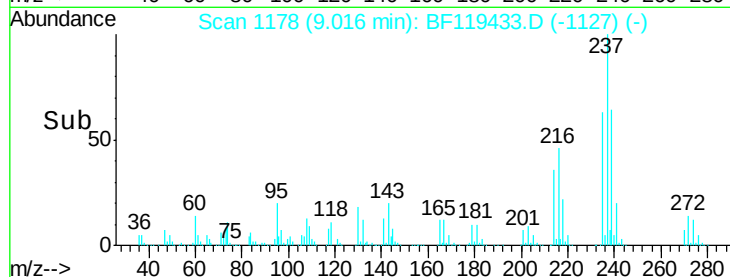
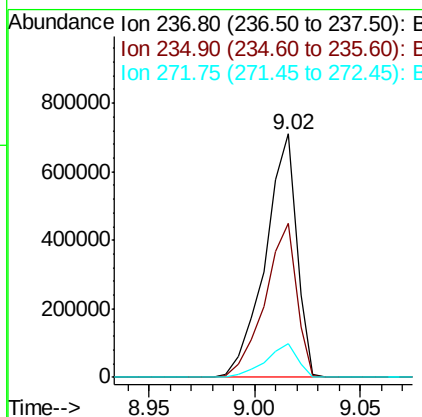
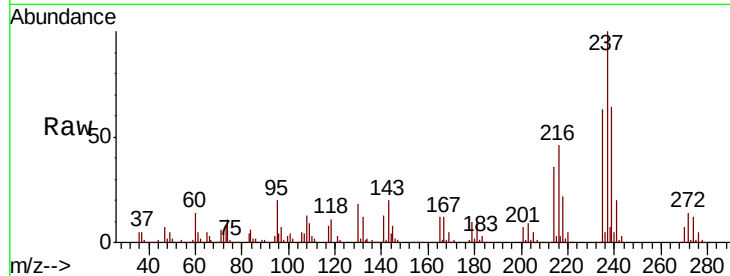
#41
Hexachlorocyclopentadiene
Concen: 67.305 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Instrument :
BNA_F
ClientSampleId :
VNJ-219MS

Tot Ion:	237	Resp:	736927
Ion Ratio	Lower	Upper	
237	100		
235	63.2	42.5	82.5
272	13.8	0.0	34.3

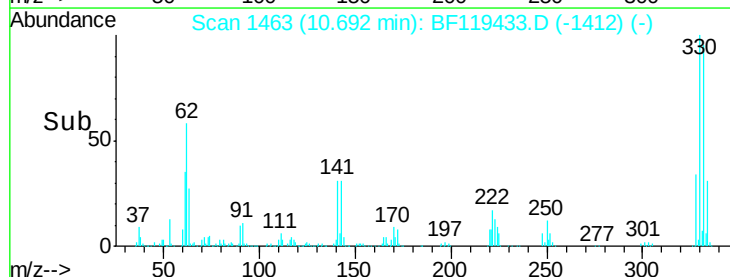
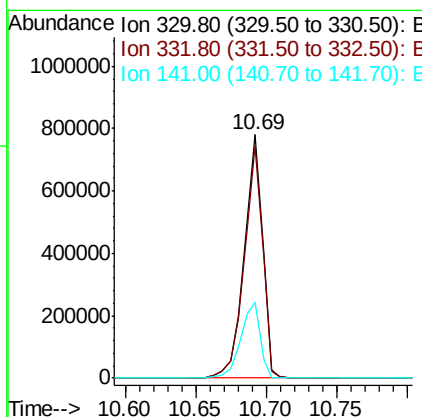
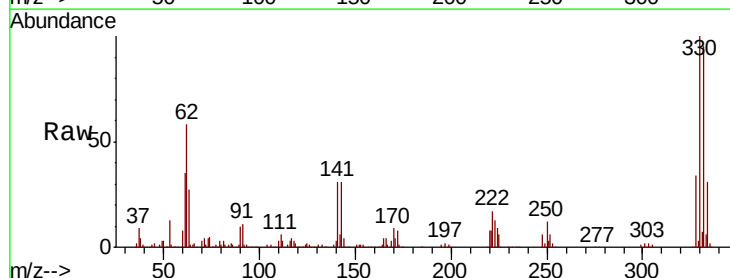
Manual Integrations
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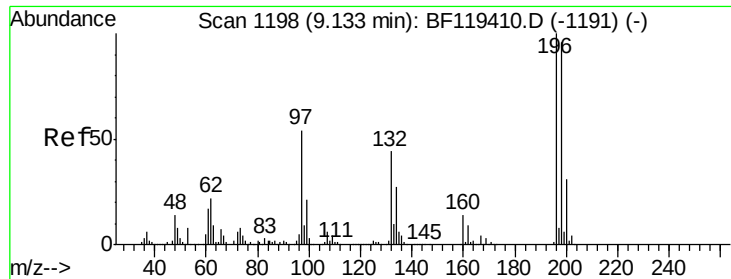
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#42
2,4,6-Tribromophenol
Concen: 104.601 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Tgt Ion:	330	Resp:	709061
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.6	116.4
141	32.9	26.6	40.0





#43

2,4,6-Trichlorophenol

Concen: 41.945 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF119433.D

Acq: 18 Mar 2020 23:51

Instrument :

BNA_F

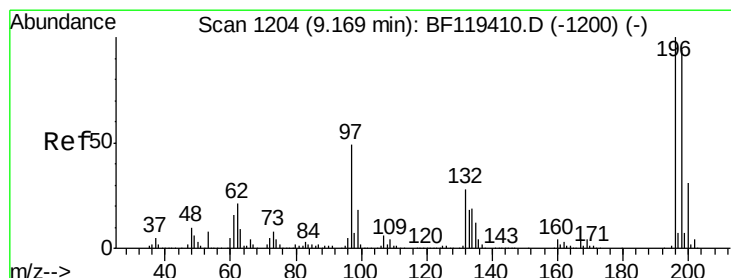
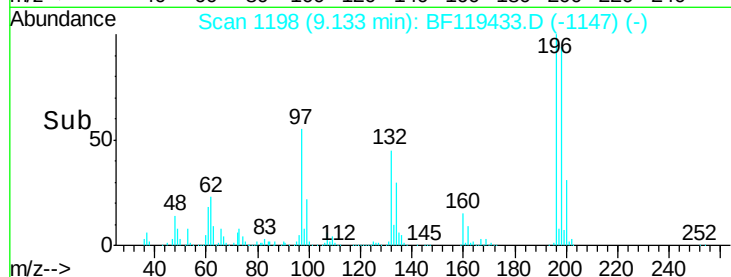
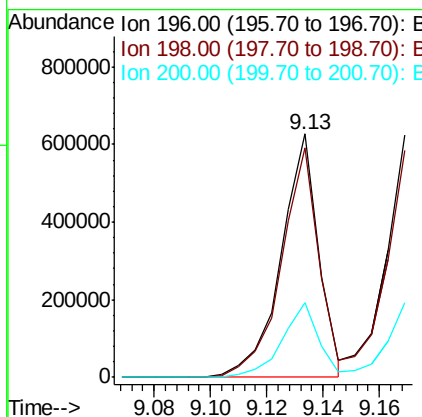
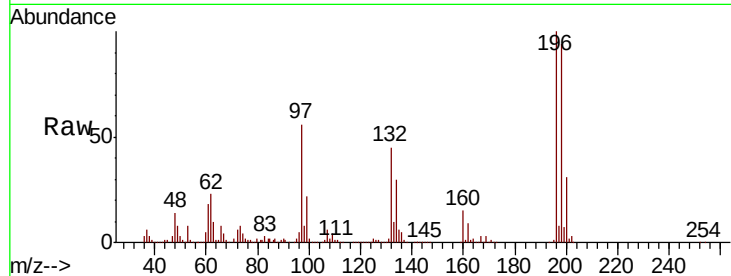
ClientSampleId :

VNJ-219MS

Tot Ion:	196	Resp:	578097
Ion Ratio	Lower	Upper	
196	100		
198	94.1	77.0	115.4
200	30.7	25.1	37.7

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#44

2,4,5-Trichlorophenol

Concen: 36.637 ng

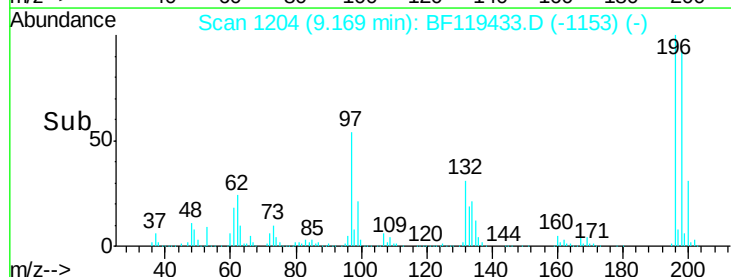
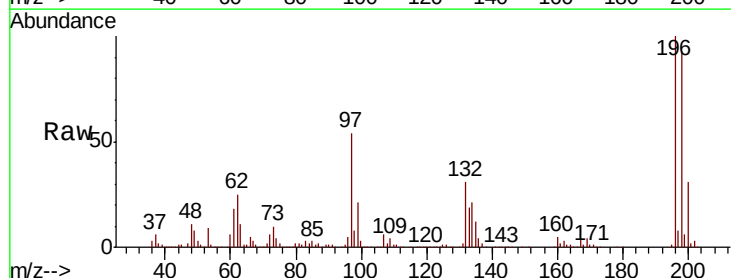
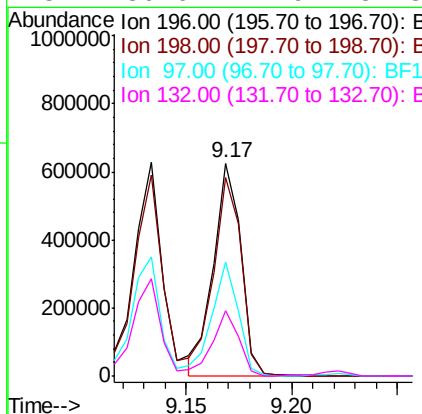
RT: 9.17 min Scan# 1204

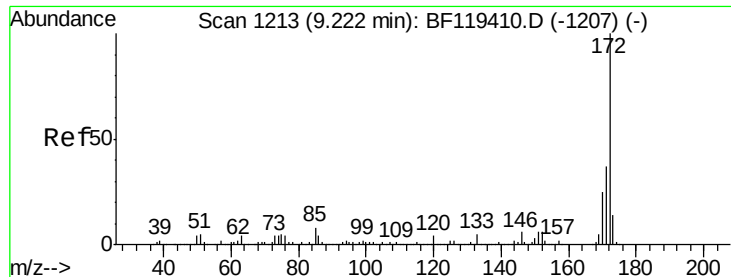
Delta R.T. 0.00 min

Lab File: BF119433.D

Acq: 18 Mar 2020 23:51

Tgt Ion:	196	Resp:	565653
Ion Ratio	Lower	Upper	
196	100		
198	93.4	75.3	112.9
97	53.8	39.0	58.4
132	30.6	22.9	34.3





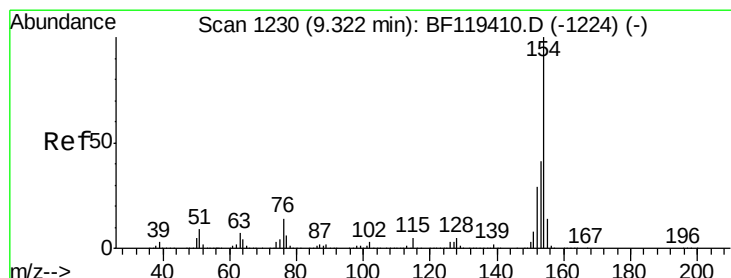
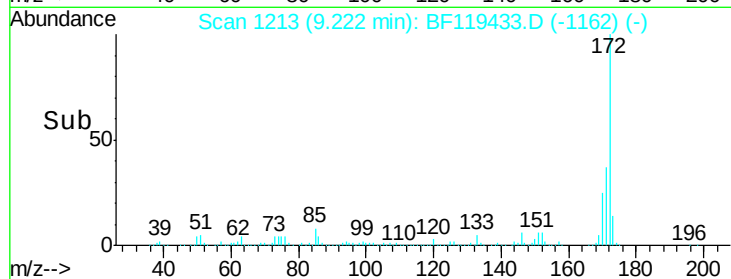
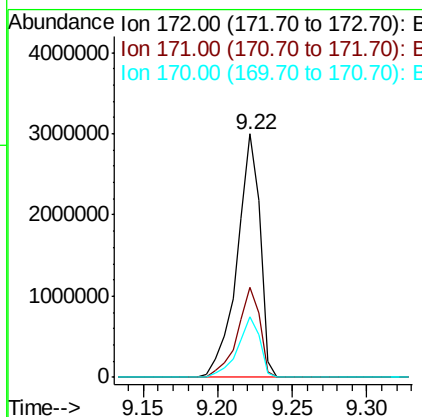
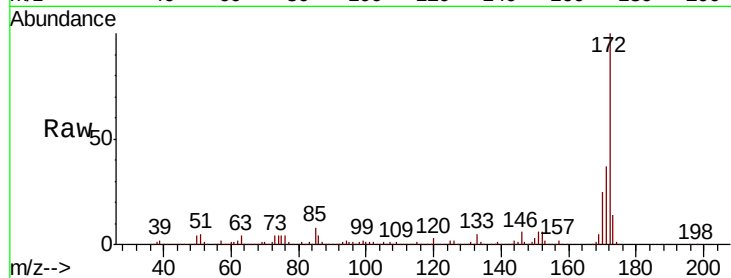
#45
2-Fluorobiphenyl
Concen: 72.432 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Instrument :
BNA_F
ClientSampleId :
VNJ-219MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.9	44.9
170	24.8	20.1	30.1

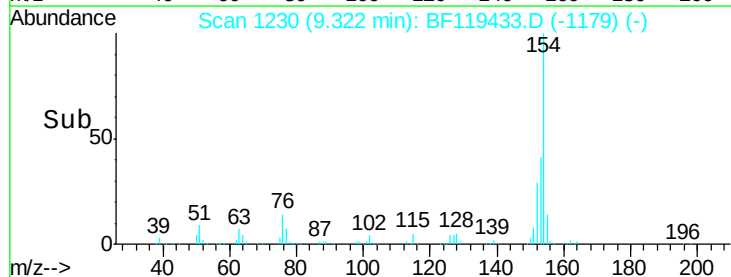
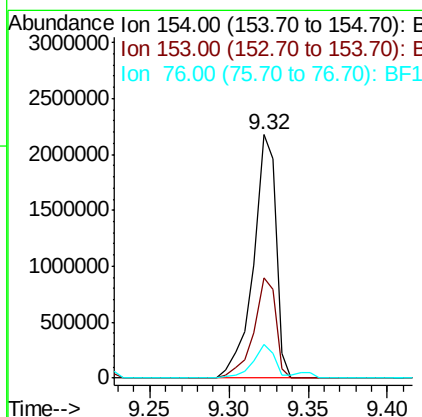
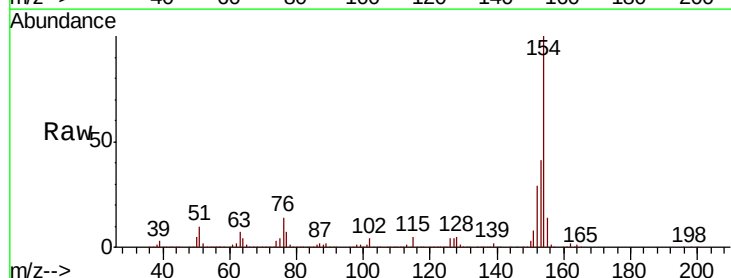
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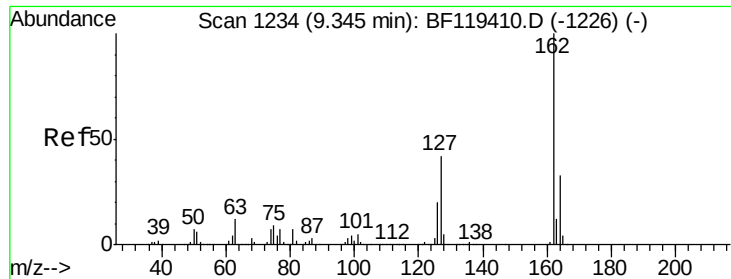
mohammad
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#46
1,1'-Biphenyl
Concen: 40.270 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.4	61.4
76	14.0	0.0	33.6





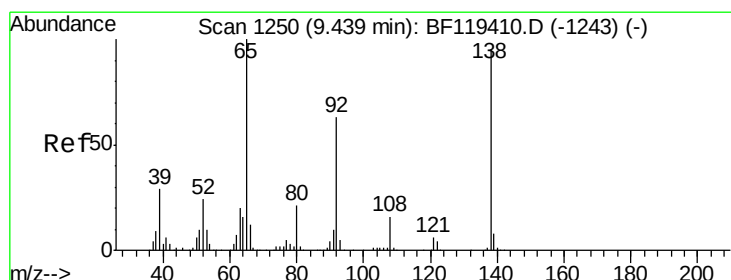
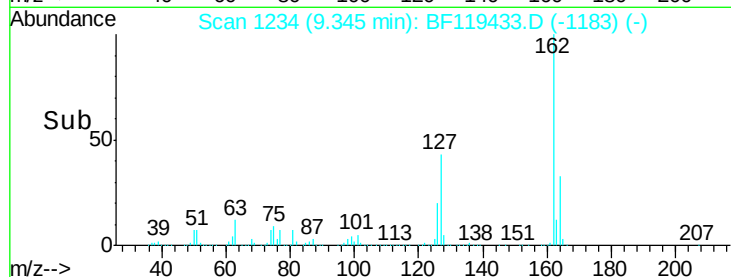
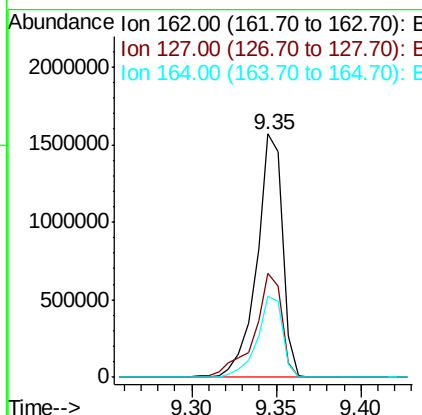
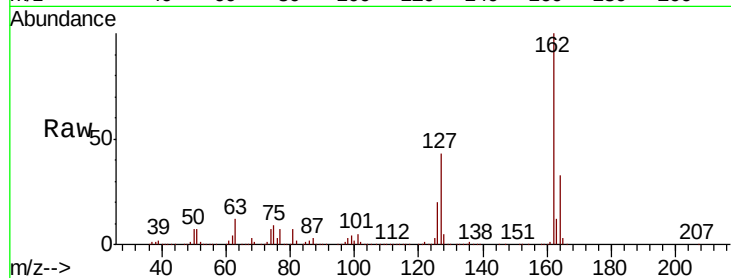
#47
 2-Chloronaphthalene
 Concen: 39.583 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF119433.D
 Acq: 18 Mar 2020 23:51

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.8	33.7	50.5
164	33.4	26.2	39.4

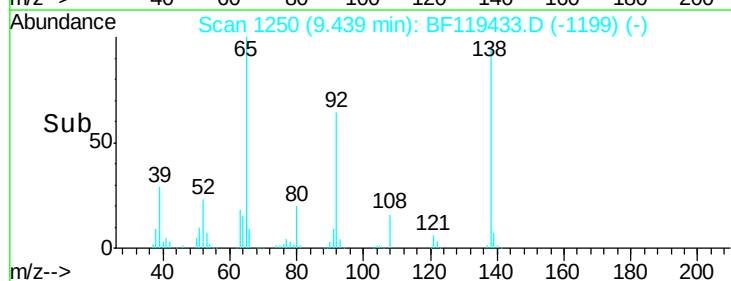
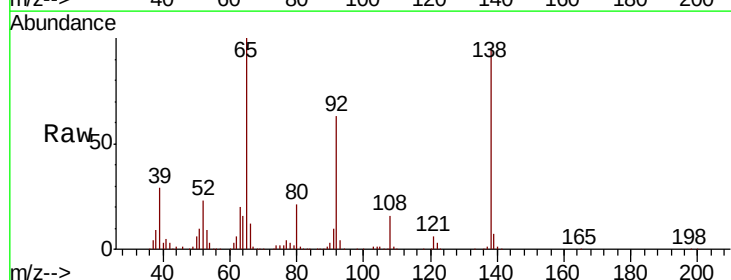
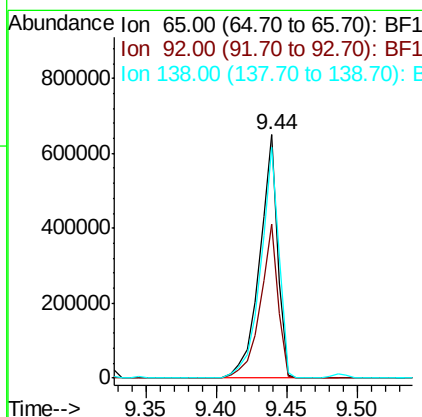
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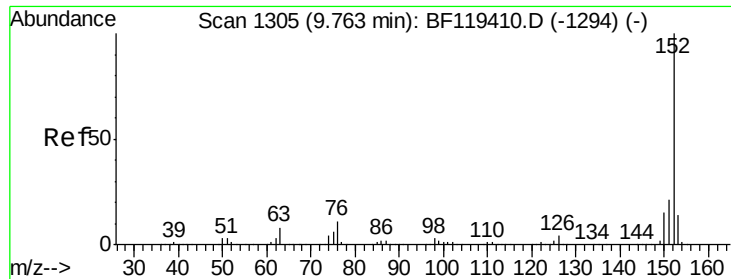
mohammad
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#48
 2-Nitroaniline
 Concen: 40.869 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF119433.D
 Acq: 18 Mar 2020 23:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.4	50.5	75.7
138	94.7	75.8	113.8





#49

Acenaphthylene

Concen: 39.908 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF119433.D

Acq: 18 Mar 2020 23:51

Instrument :

BNA_F

ClientSampleId :

VNJ-219MS

Tot Ion:152 Resp: 2627068

Ion Ratio Lower Upper

152 100

151 21.5 16.8 25.2

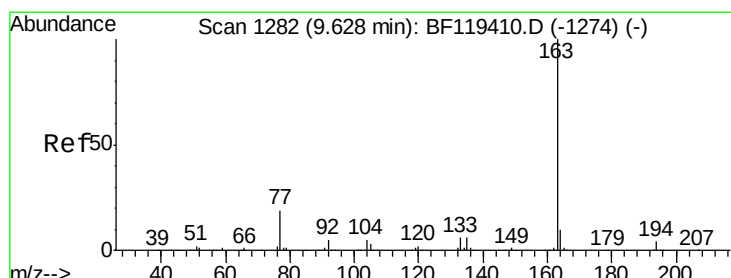
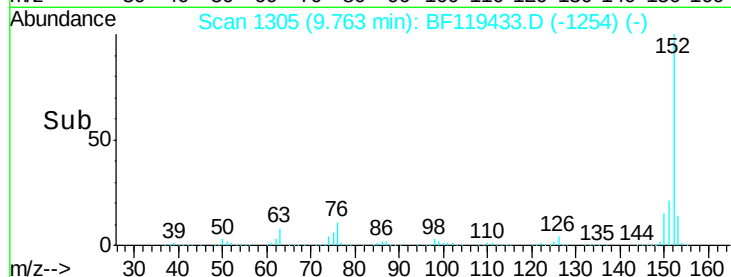
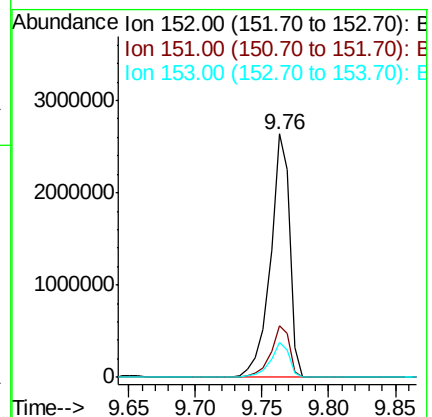
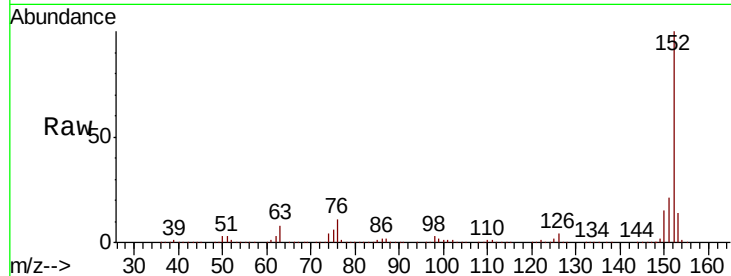
153 14.4 11.2 16.8

Manual Integrations

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#50

Dimethylphthalate

Concen: 51.599 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF119433.D

Acq: 18 Mar 2020 23:51

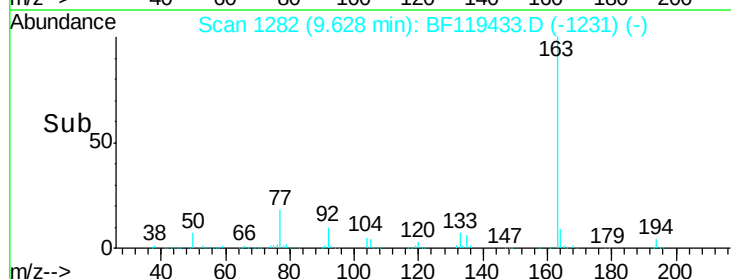
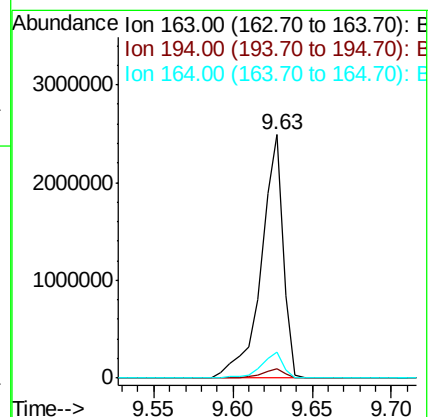
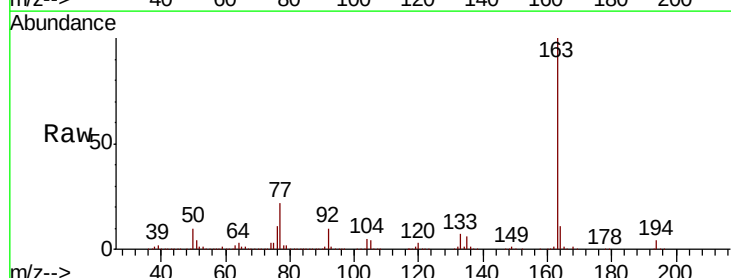
Tgt Ion:163 Resp: 2408223

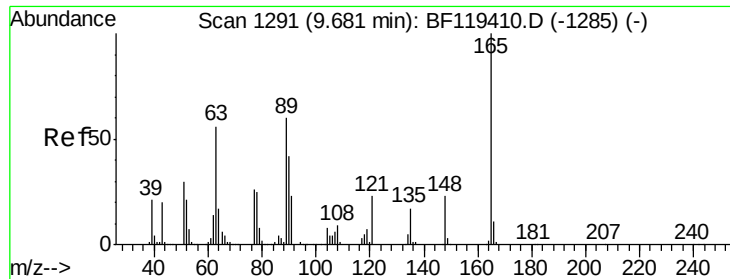
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.7 8.1 12.1





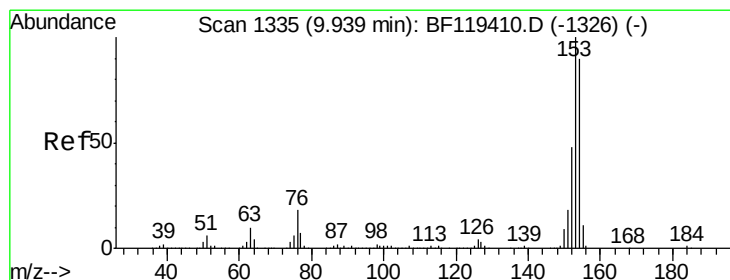
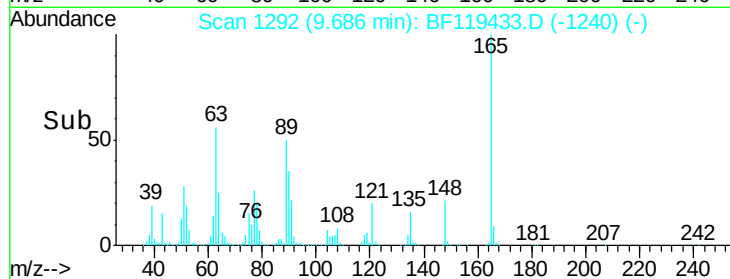
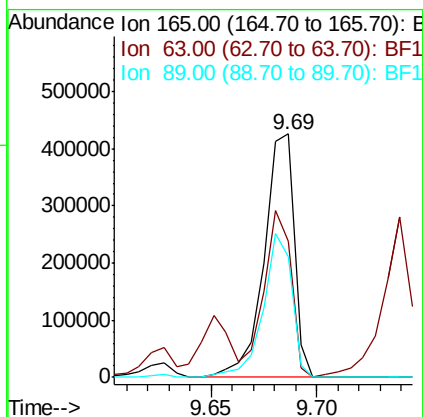
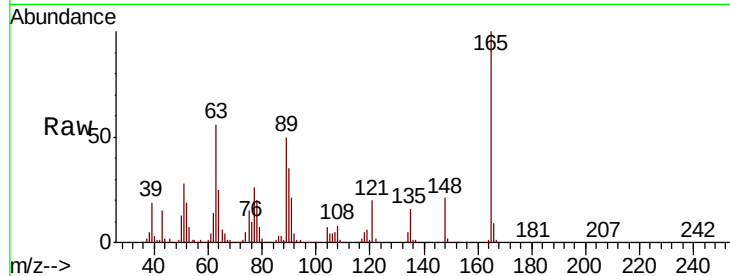
#51
2,6-Dinitrotoluene
Concen: 42.523 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Instrument :
BNA_F
ClientSampleId :
VNJ-219MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.8	57.3	85.9#
89	49.5	47.8	71.8

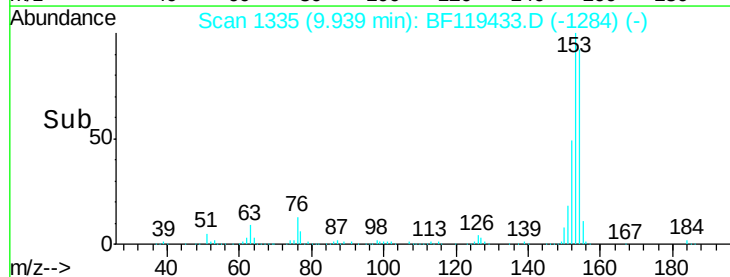
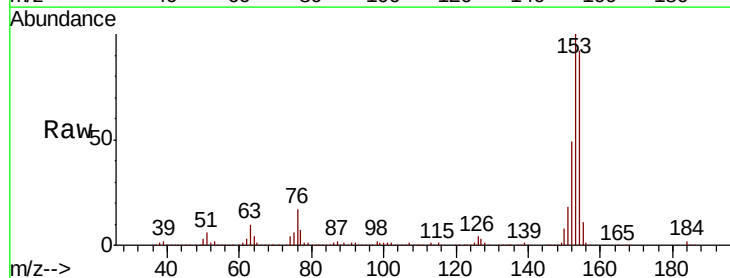
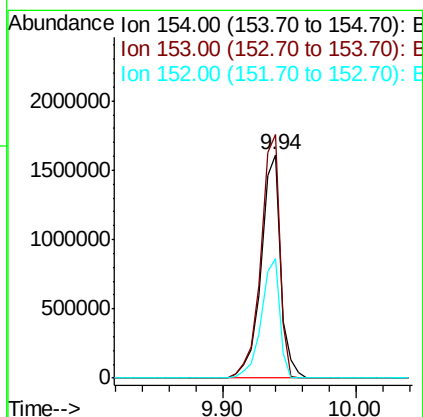
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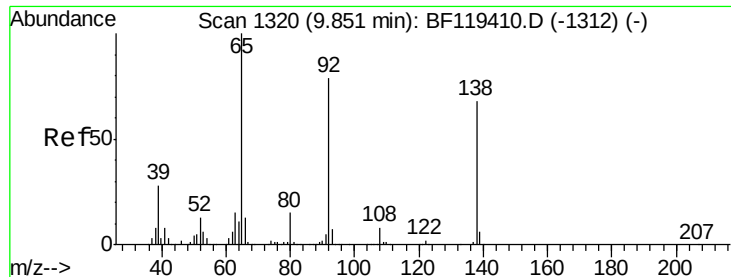
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#52
Acenaphthene
Concen: 39.481 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.1	89.0	133.6
152	53.5	43.1	64.7





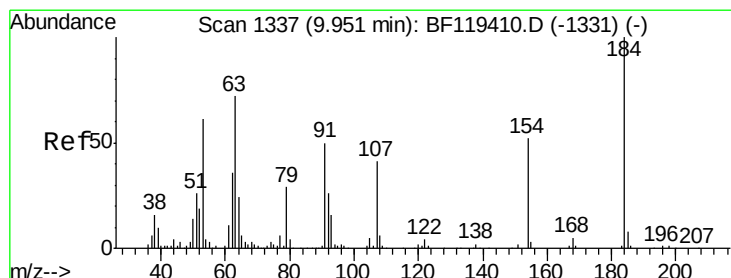
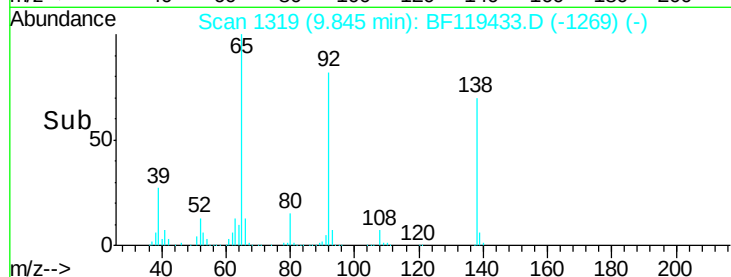
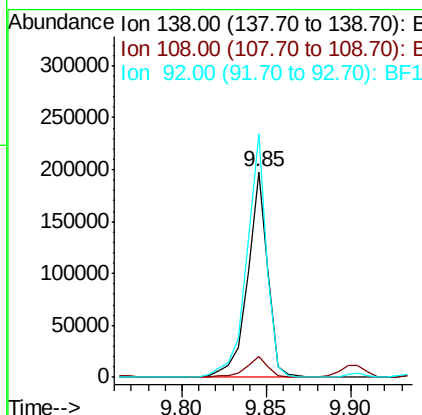
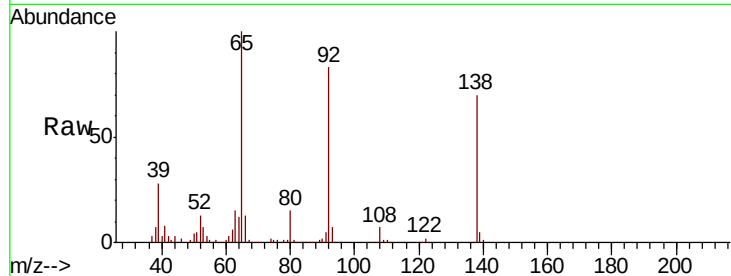
#53
3-Nitroaniline
Concen: 13.067 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Instrument :
BNA_F
ClientSampleId :
VNJ-219MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.0	13.6
92	118.6	93.2	139.8

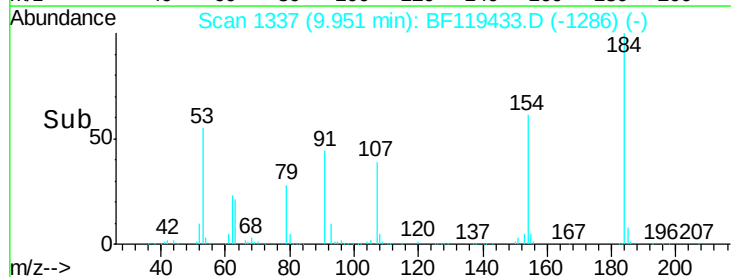
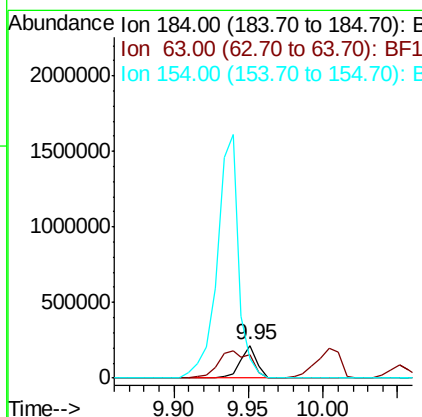
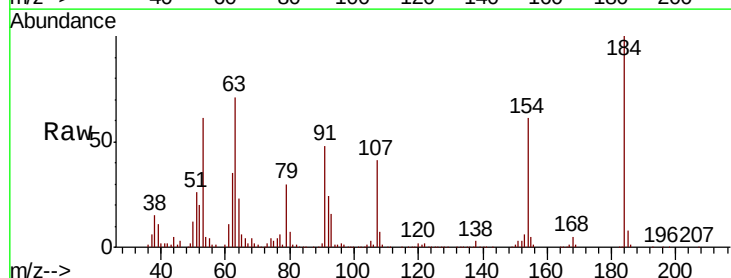
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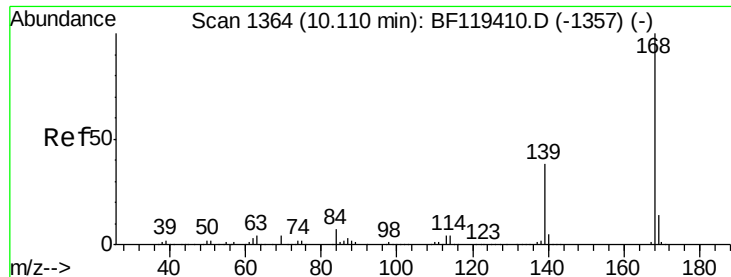
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#54
2,4-Dinitrophenol
Concen: 42.205 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.2	58.5	87.7
154	60.9	51.8	77.6





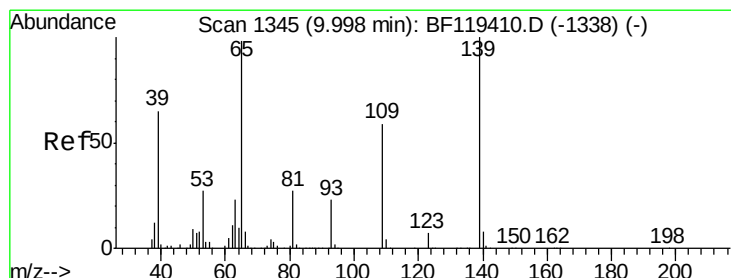
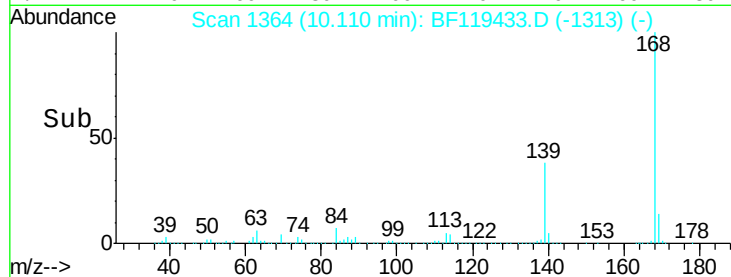
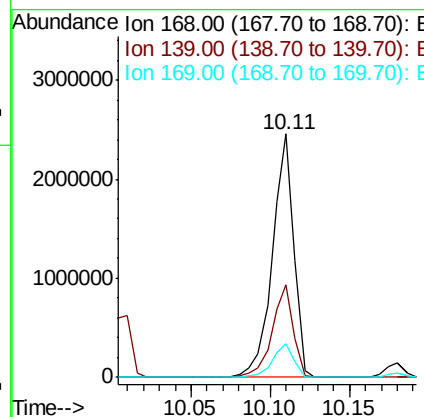
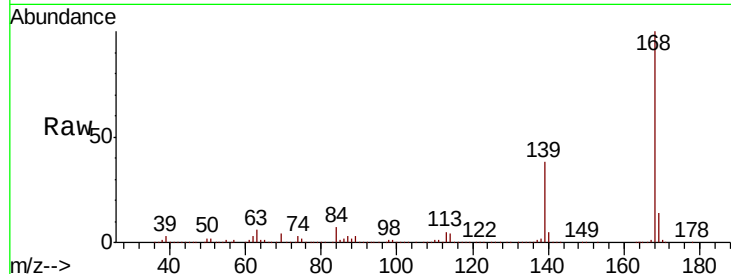
#55
Dibenzofuran
Concen: 39.424 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Instrument :
BNA_F
ClientSampleId :
VNJ-219MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.2	45.4
169	14.1	11.1	16.7

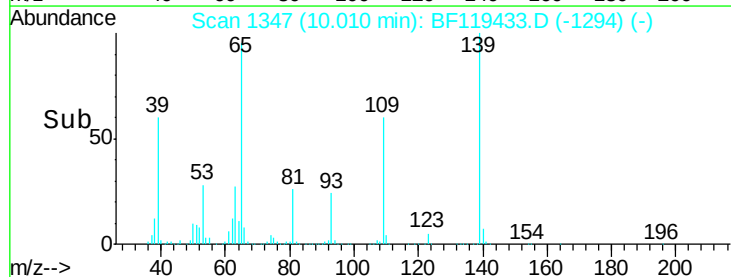
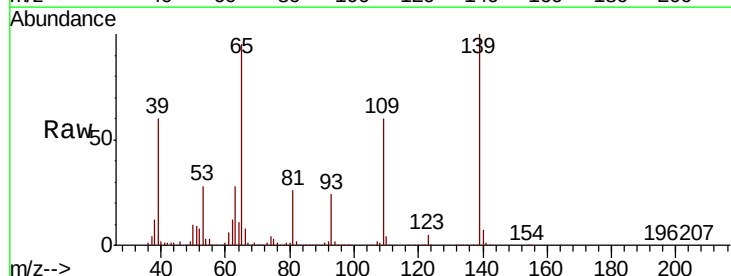
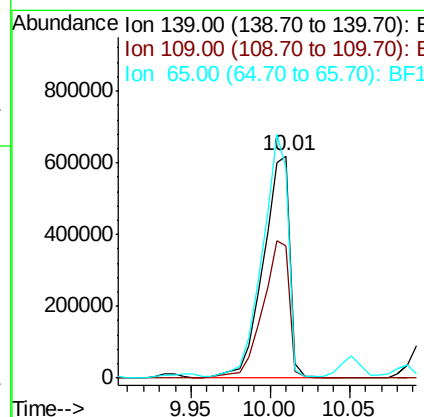
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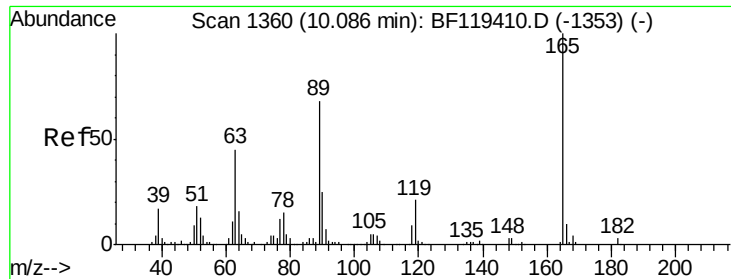
mohammad
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#56
4-Nitrophenol
Concen: 72.665 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.6	39.6	79.6
65	94.7	78.3	118.3





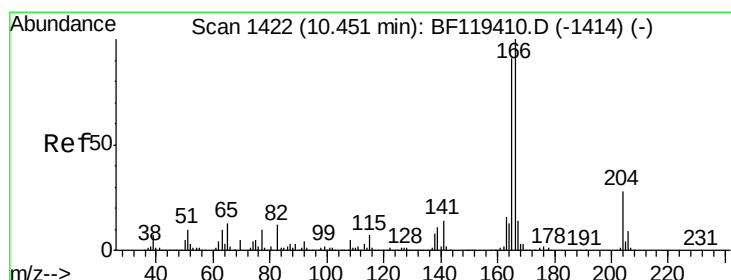
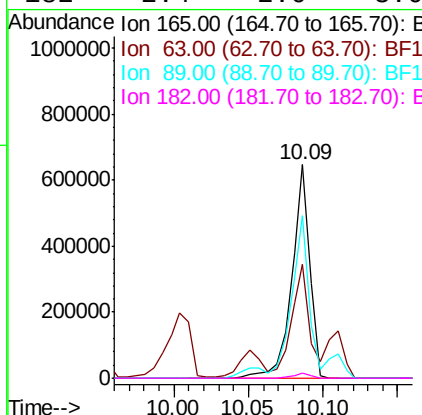
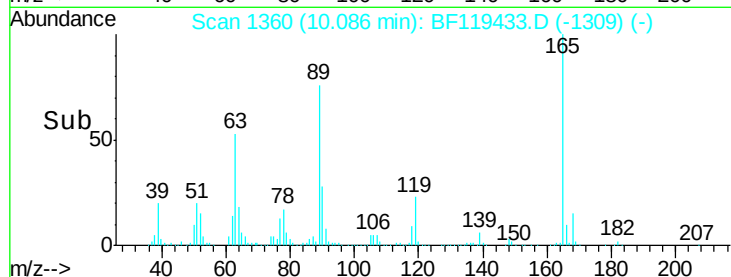
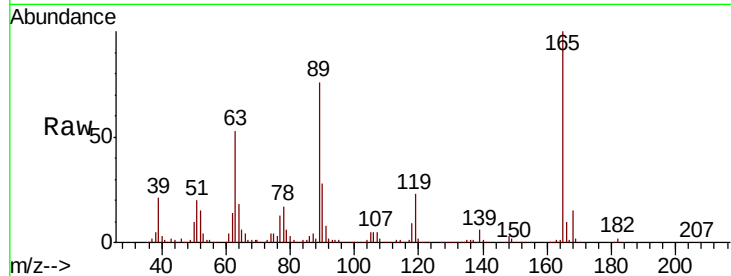
#57
 2,4-Dinitrotoluene
 Concen: 43.670 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF119433.D
 Acq: 18 Mar 2020 23:51

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		550338		
63	53.1	36.2	54.4		
89	76.1	54.3	81.5		
182	2.4	2.0	3.0		

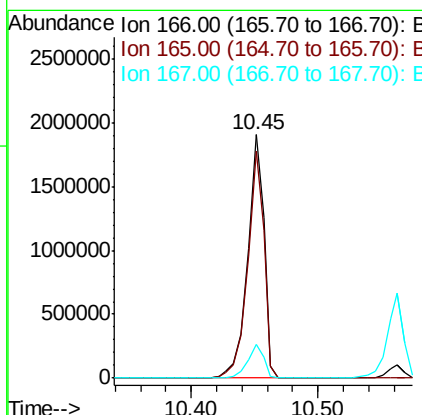
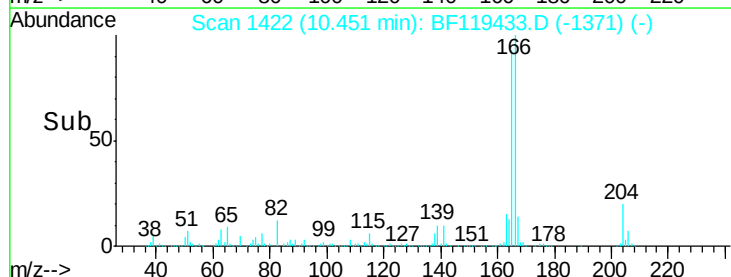
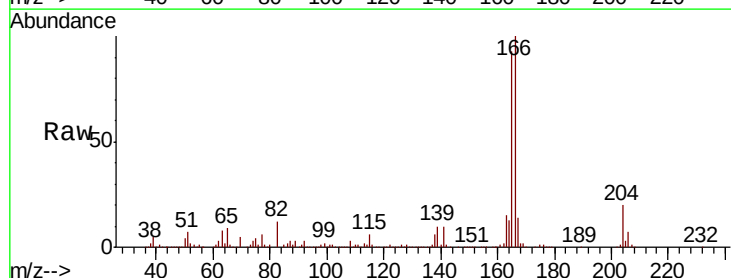
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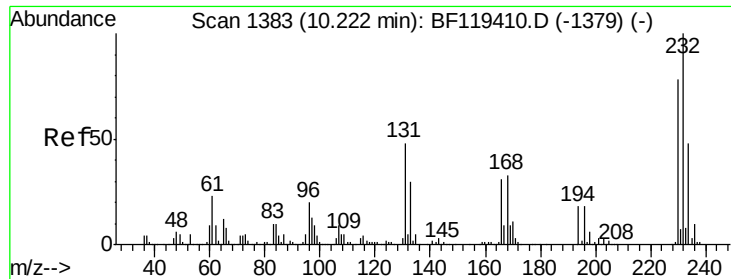
mohammad
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#58
 Fluorene
 Concen: 38.905 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF119433.D
 Acq: 18 Mar 2020 23:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1692741		
165	93.0	73.1	109.7		
167	14.0	11.0	16.6		





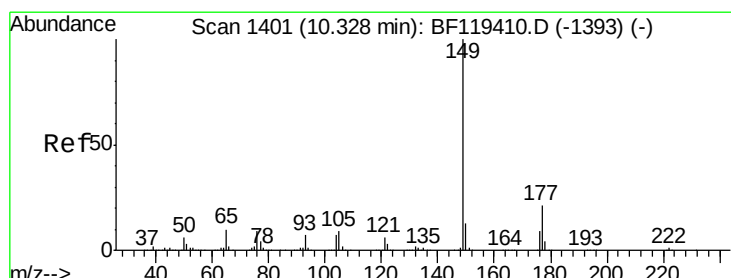
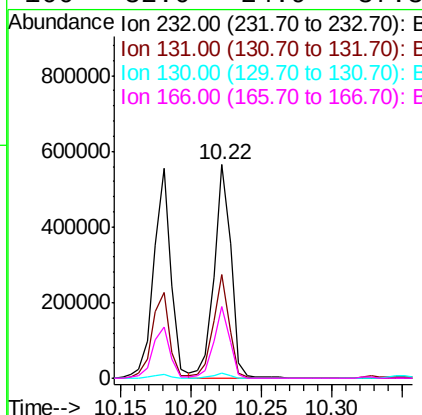
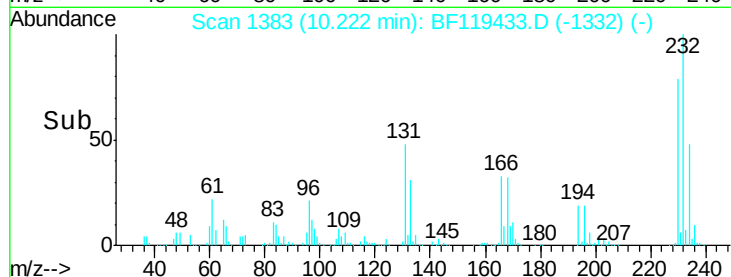
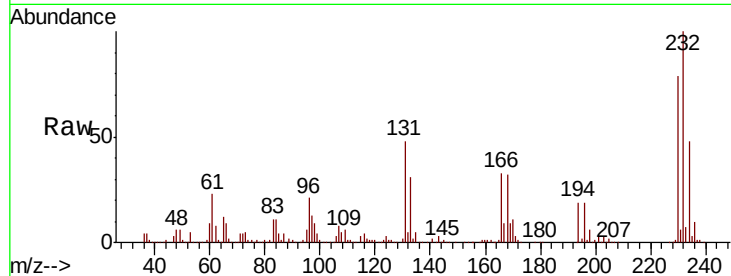
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.556 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF119433.D
 Acq: 18 Mar 2020 23:51

Instrument :
 BNA_F
 ClientSampled :
 VNJ-219MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.6	36.3	54.5
130	2.2	1.8	2.6
166	32.0	24.9	37.3

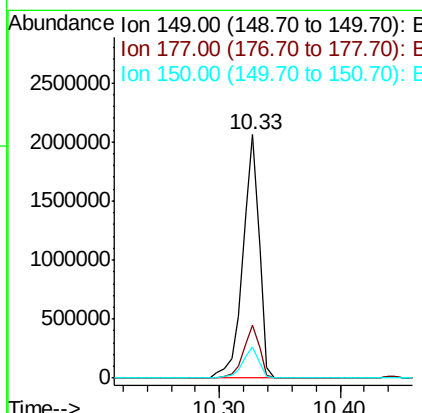
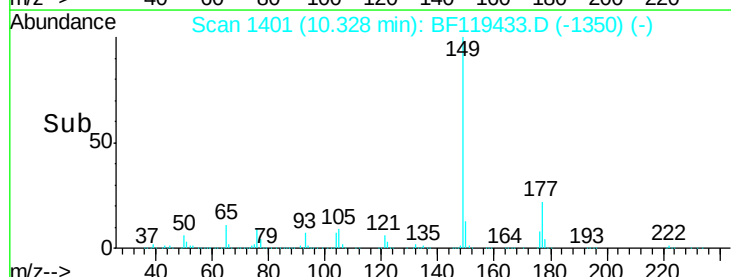
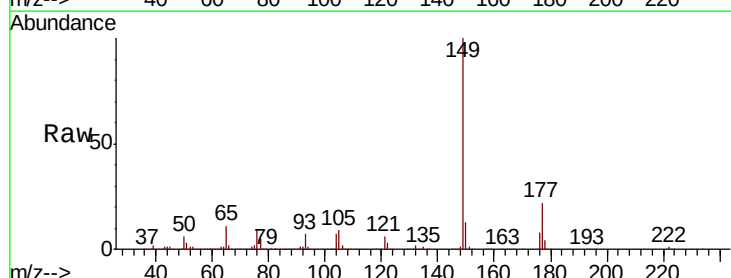
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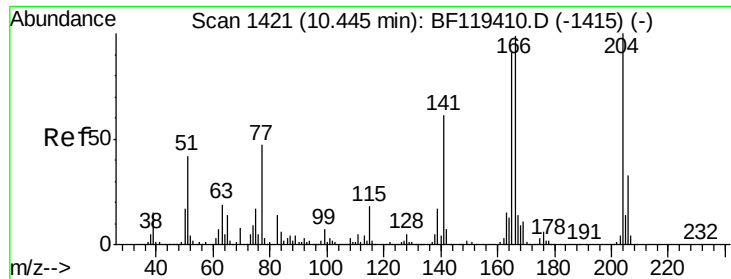
mohammad
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#60
 Diethylphthalate
 Concen: 40.864 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.00 min
 Lab File: BF119433.D
 Acq: 18 Mar 2020 23:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.0	25.6
150	12.6	10.2	15.4





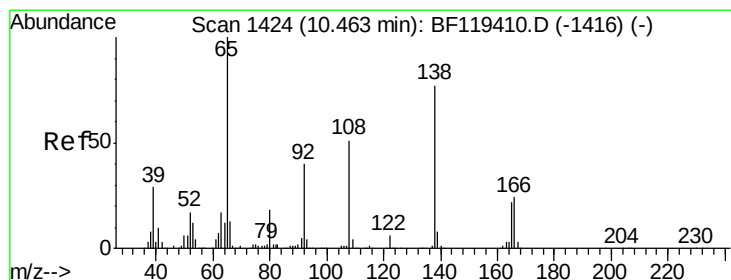
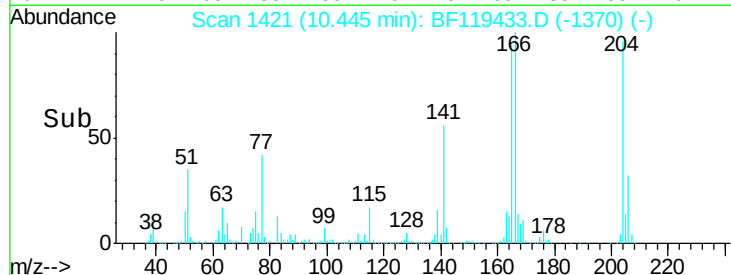
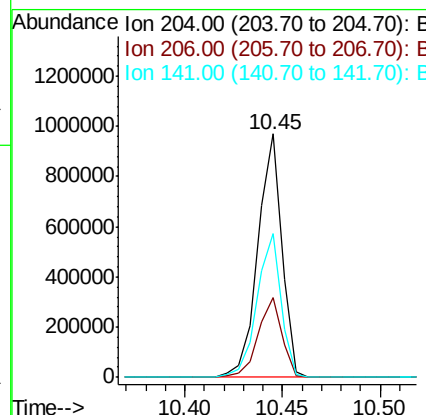
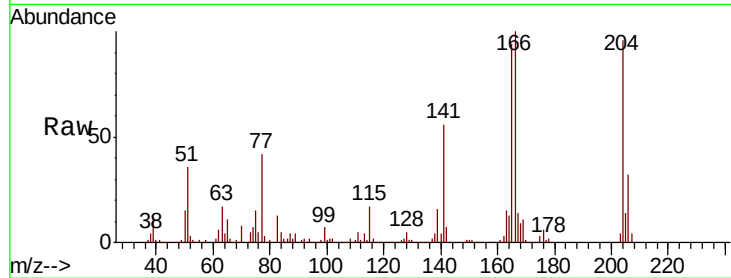
#61
 4-Chlorophenyl-phenylether
 Concen: 38.760 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BF119433.D
 Acq: 18 Mar 2020 23:51

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.7	40.1
141	58.9	48.8	73.2

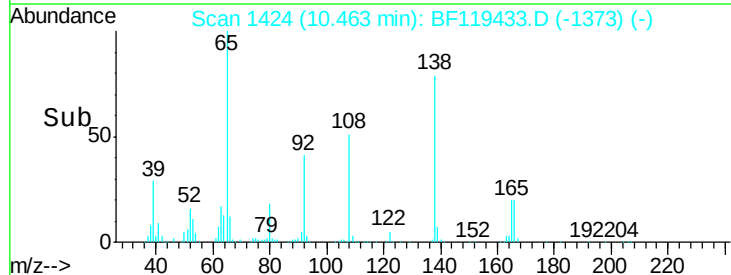
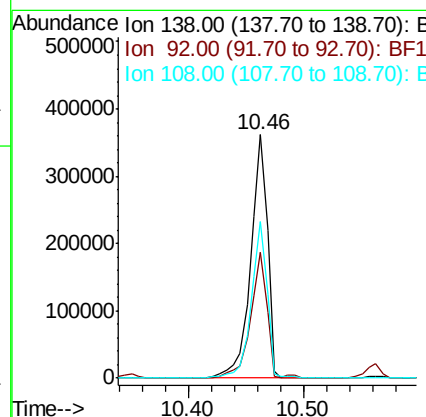
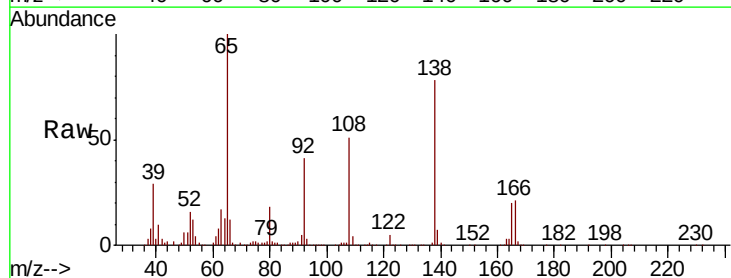
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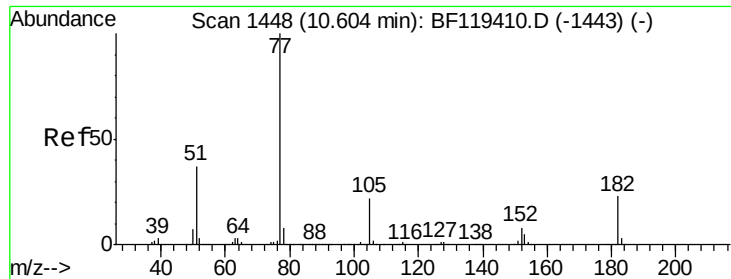
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#62
 4-Nitroaniline
 Concen: 29.843 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF119433.D
 Acq: 18 Mar 2020 23:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	32.0	72.0
108	64.6	46.0	86.0





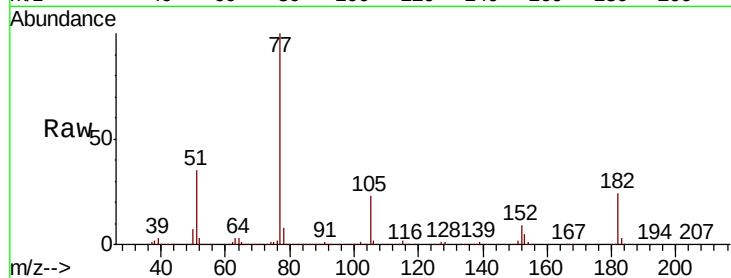
#63
Azobenzene
Concen: 39.124 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Instrument :
BNA_F
ClientSampleId :
VNJ-219MS

Tot Ion	Ion	Ratio	Lower	Upper
77	77	100		
182	182	24.3	2.5	42.5
105	105	23.1	2.5	42.5
51	51	35.4	17.1	57.1

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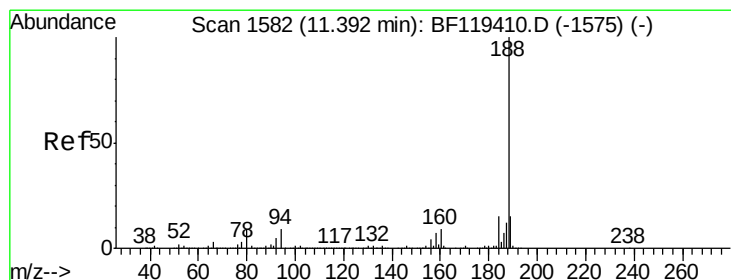
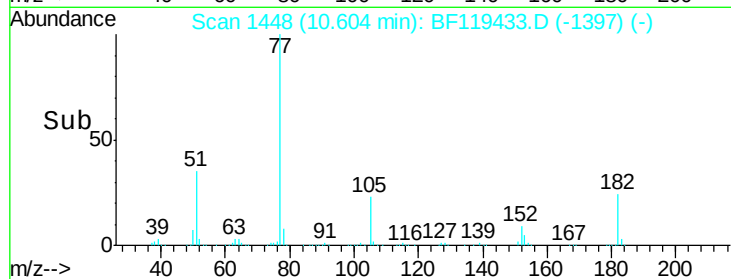
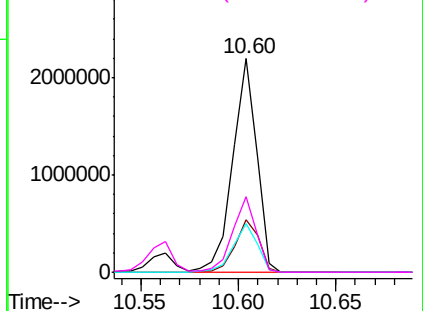


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



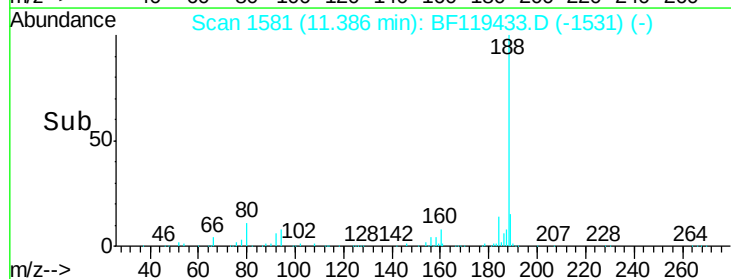
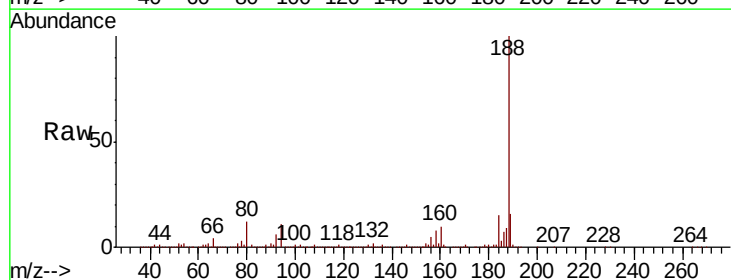
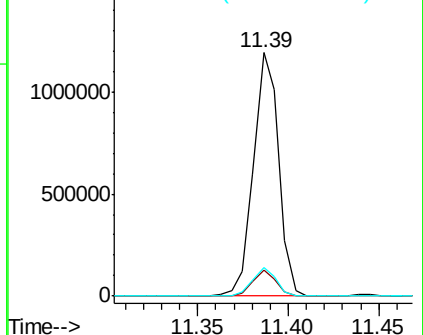
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

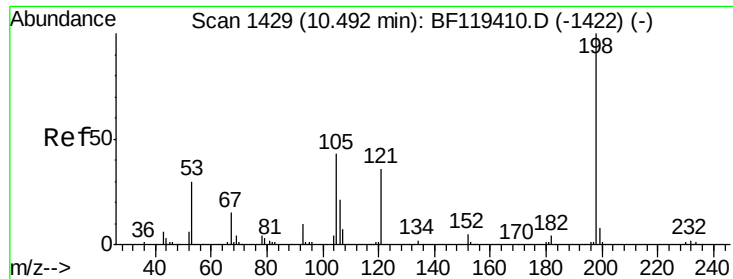
Tgt Ion	Ion	Ratio	Lower	Upper
188	188	100		
94	94	10.5	7.1	10.7
80	80	11.9	7.5	11.3#

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





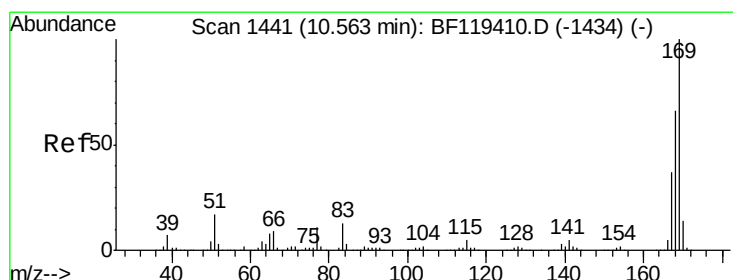
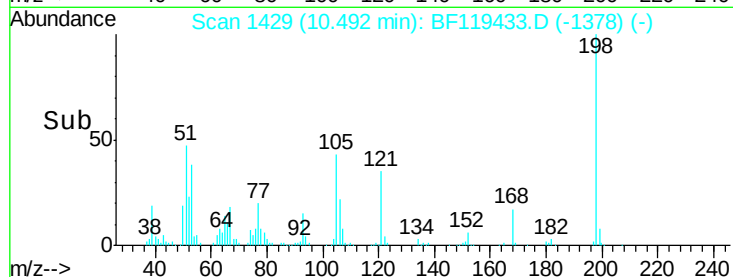
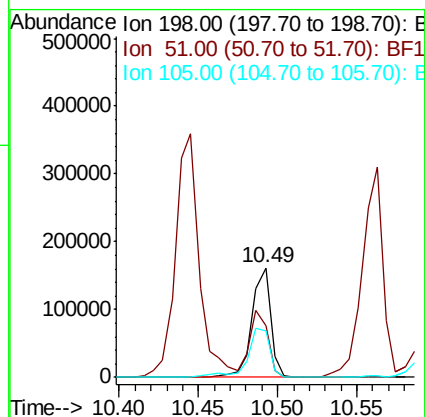
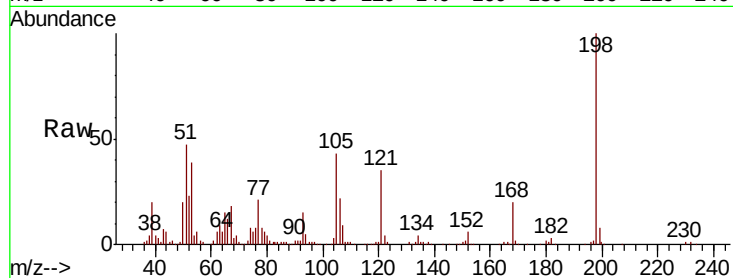
#65
4,6-Dinitro-2-methylphenol
Concen: 27.563 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Instrument :
BNA_F
ClientSampleId :
VNJ-219MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	132961		
51	47.4	33.1	73.1	
105	42.8	24.1	64.1	

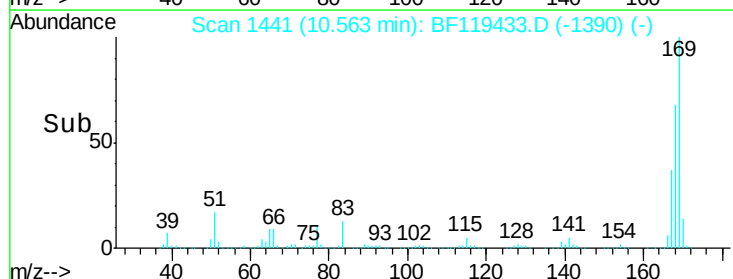
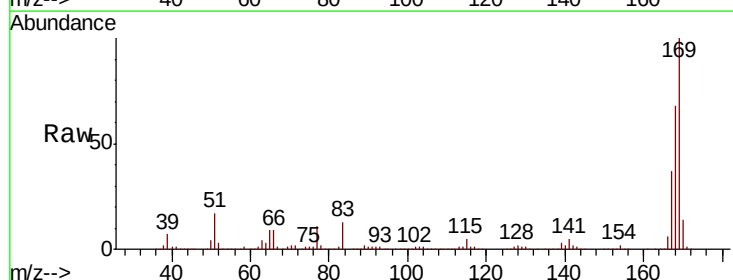
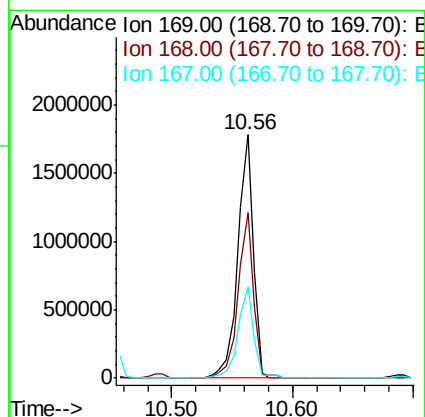
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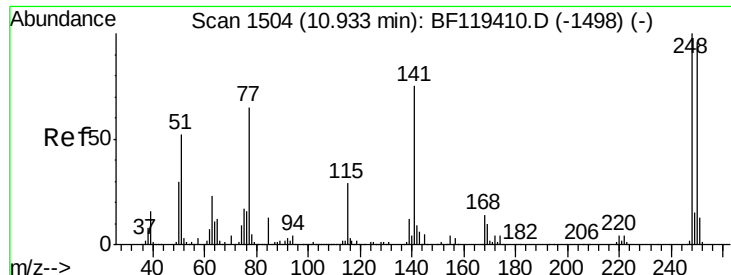
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#66
n-Nitrosodiphenylamine
Concen: 42.373 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1600242		
168	68.2	52.7	79.1	
167	37.4	29.3	43.9	





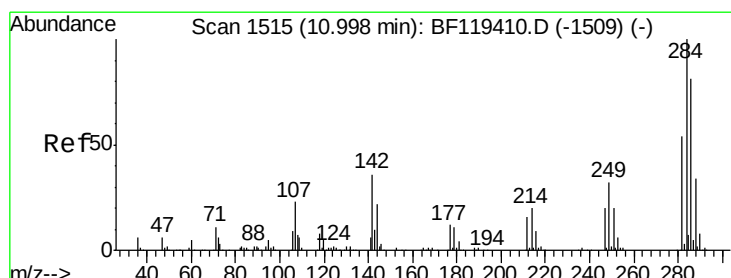
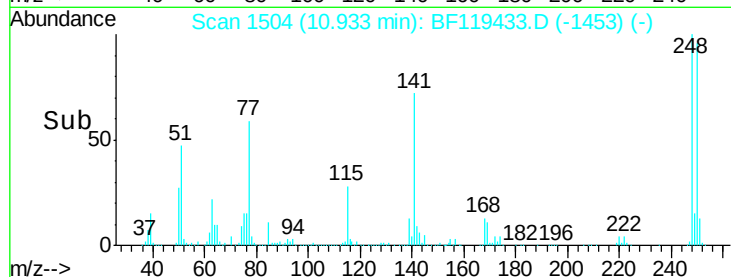
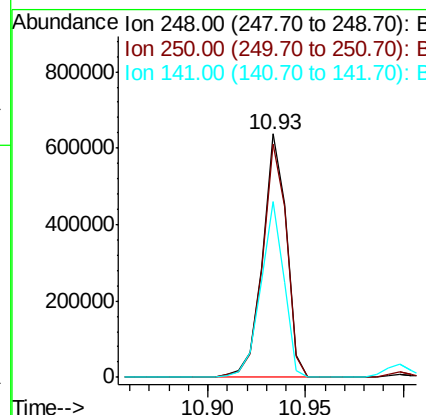
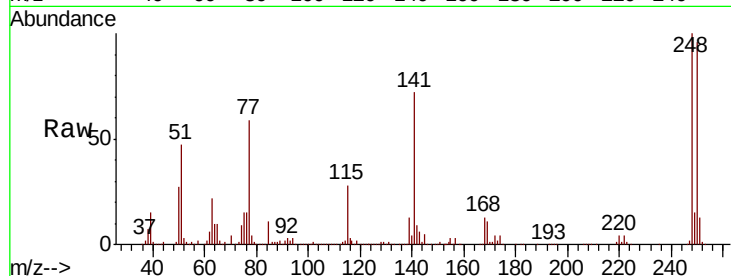
#67
 4-Bromophenyl-phenylether
 Concen: 41.169 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF119433.D
 Acq: 18 Mar 2020 23:51

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	77.0	115.6
141	72.4	59.7	89.5

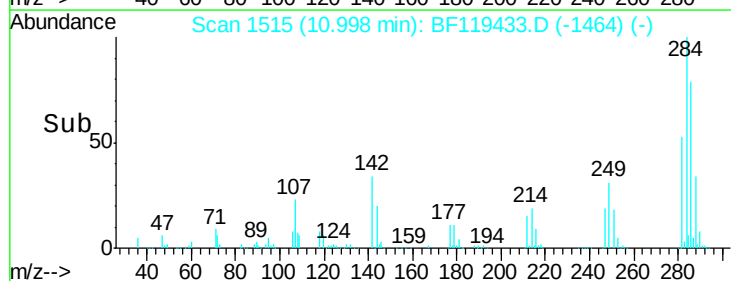
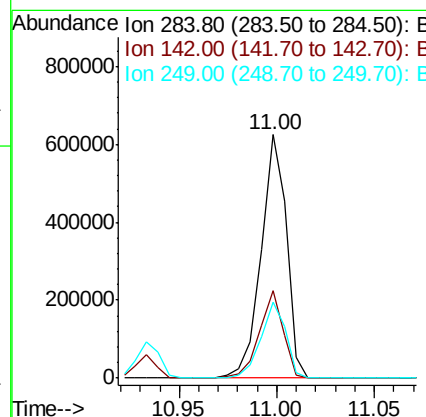
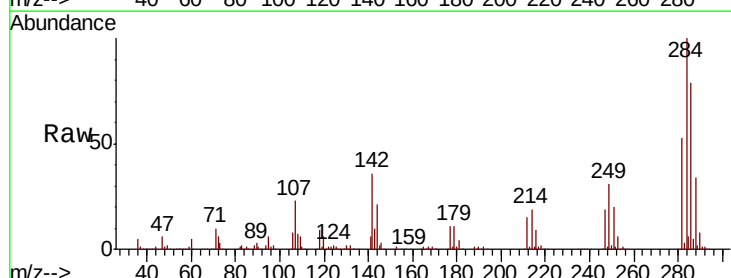
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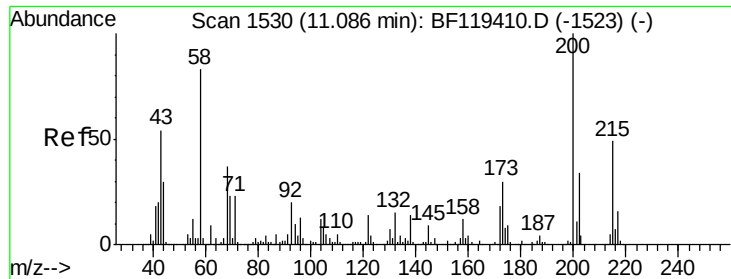
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#68
 Hexachlorobenzene
 Concen: 41.893 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: BF119433.D
 Acq: 18 Mar 2020 23:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.7	28.7	43.1
249	31.4	25.4	38.0





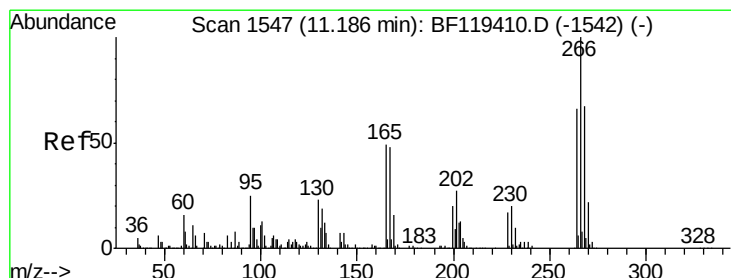
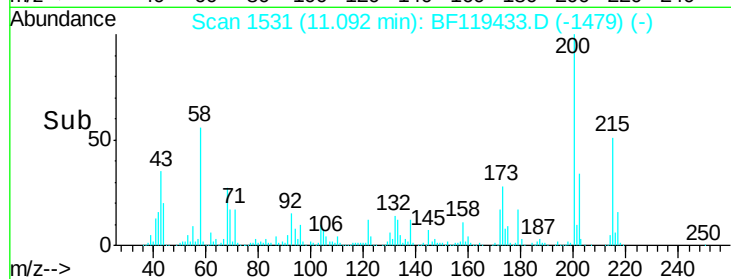
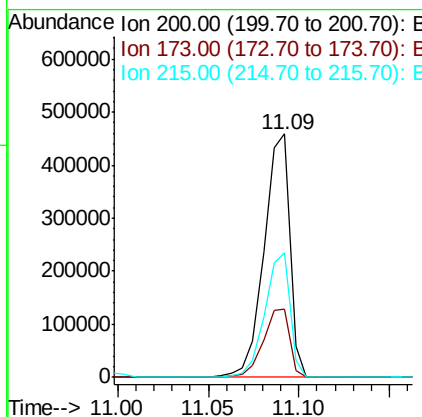
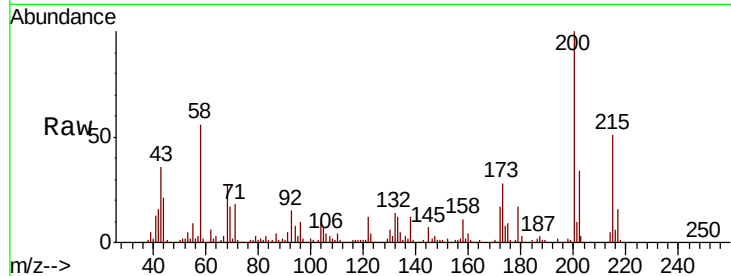
#69
 Atrazine
 Concen: 43.905 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: BF119433.D
 Acq: 18 Mar 2020 23:51

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	9.9	49.9
215	51.2	29.4	69.4

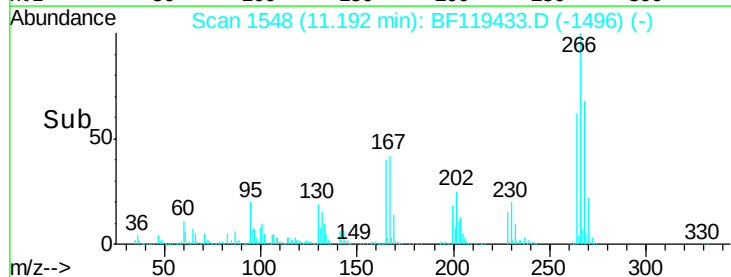
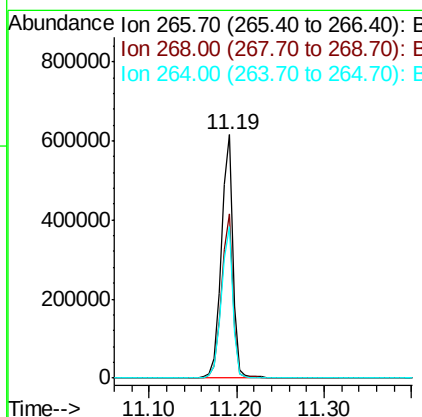
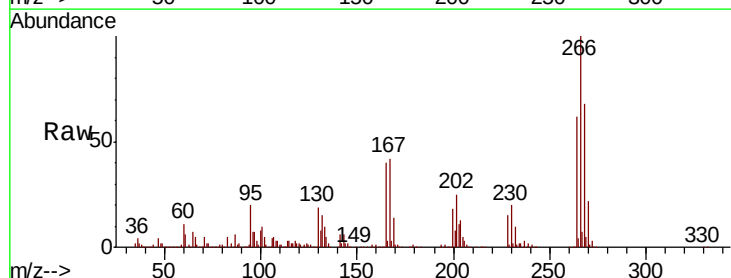
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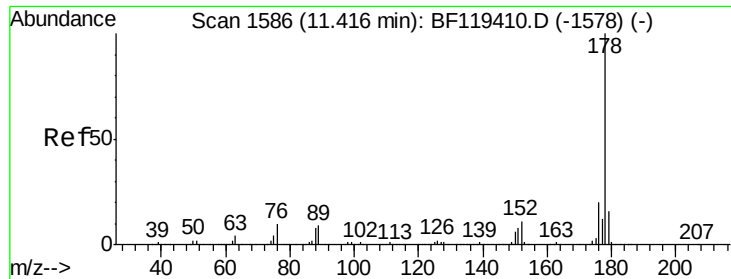
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#70
 Pentachlorophenol
 Concen: 72.803 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.01 min
 Lab File: BF119433.D
 Acq: 18 Mar 2020 23:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.6	53.7	80.5
264	62.0	52.5	78.7





#71

Phenanthrene

Concen: 39.768 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF119433.D

Acq: 18 Mar 2020 23:51

Instrument :

BNA_F

ClientSampleId :

VNJ-219MS

Tot Ion:178 Resp: 2372209

Ion Ratio Lower Upper

178 100

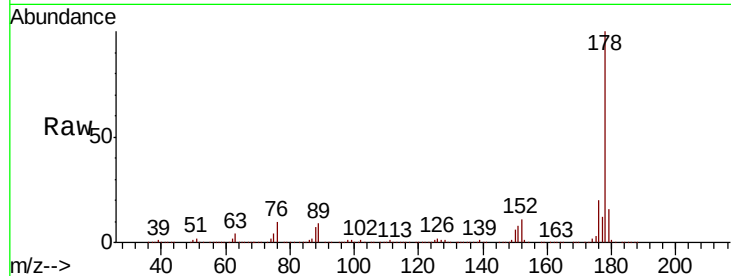
176 20.1 16.2 24.4

179 16.2 12.9 19.3

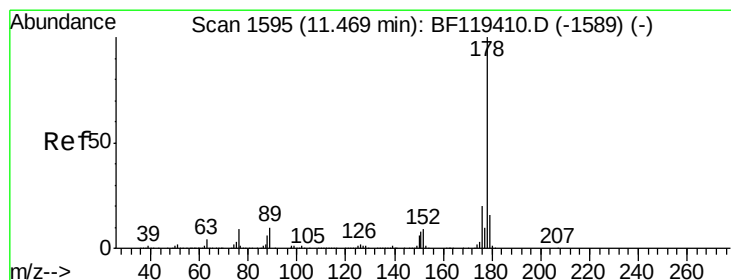
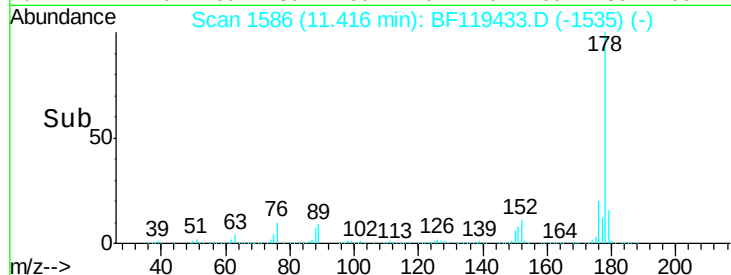
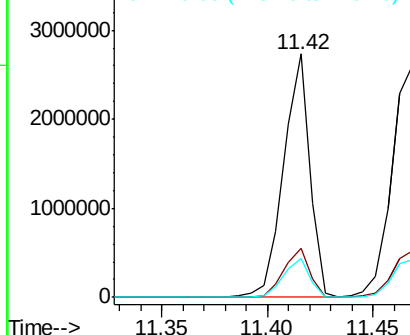
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.540 ng

RT: 11.47 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BF119433.D

Acq: 18 Mar 2020 23:51

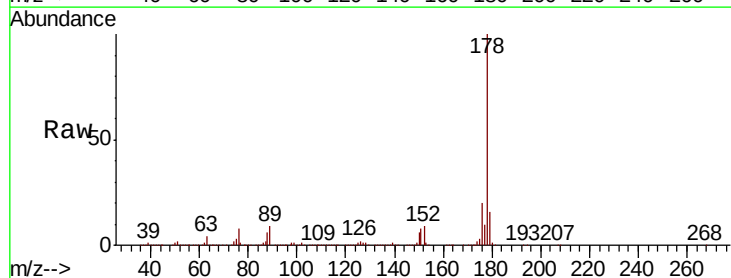
Tgt Ion:178 Resp: 2457776

Ion Ratio Lower Upper

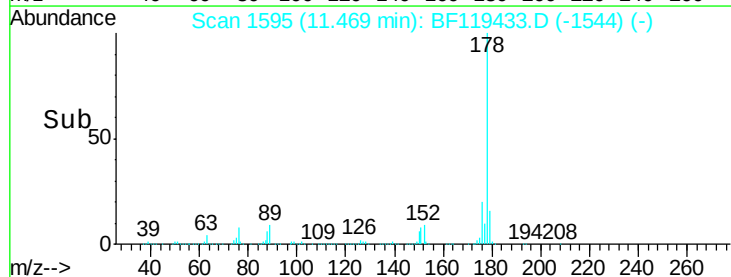
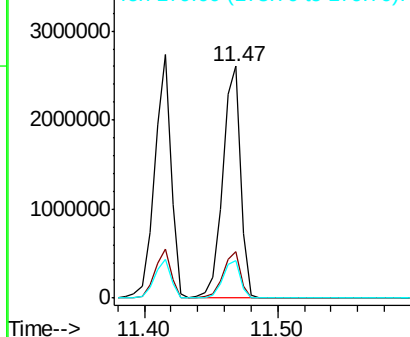
178 100

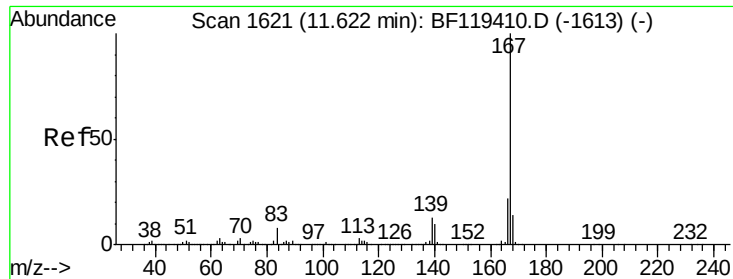
176 19.9 15.6 23.4

179 16.4 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





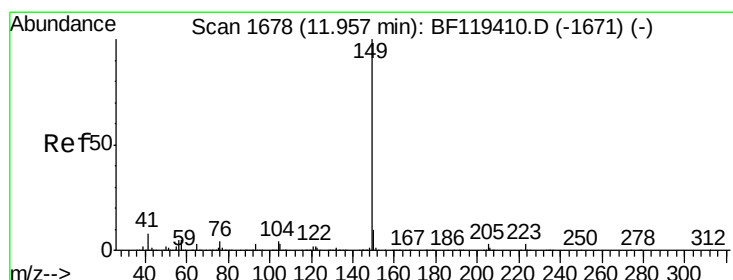
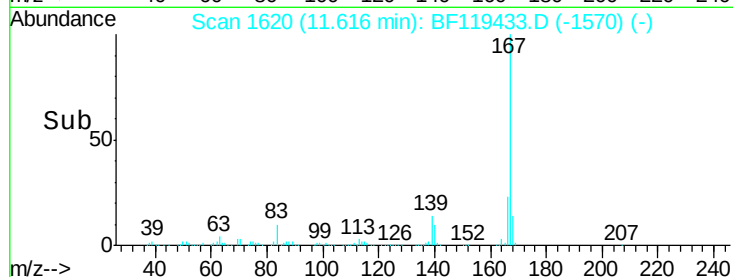
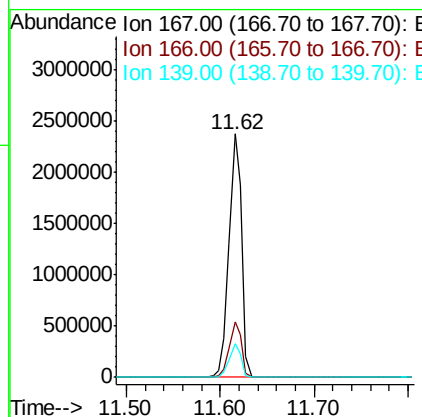
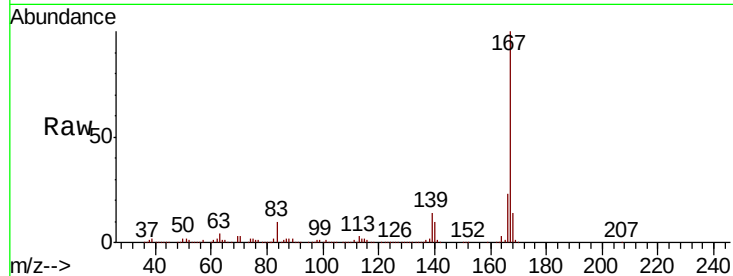
#73
 Carbazole
 Concen: 36.859 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.01 min
 Lab File: BF119433.D
 Acq: 18 Mar 2020 23:51

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.8	26.6
139	13.8	10.2	15.4

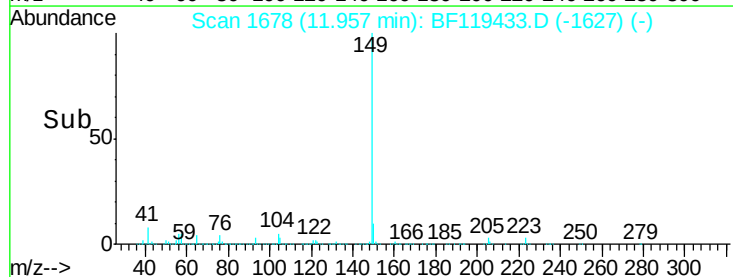
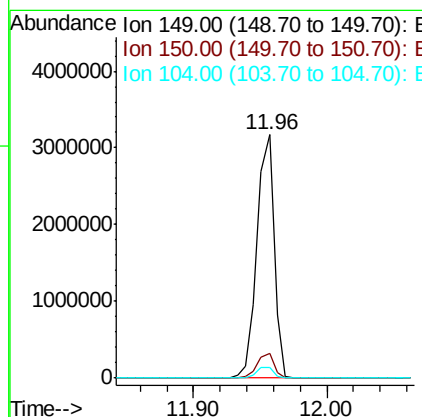
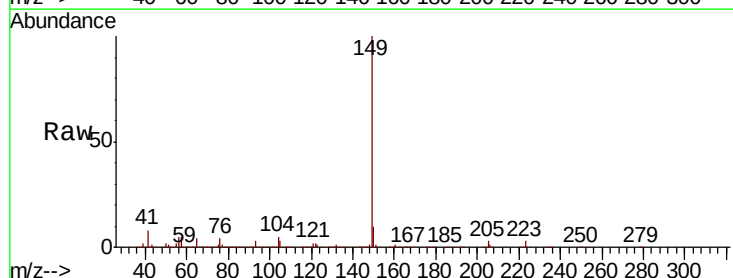
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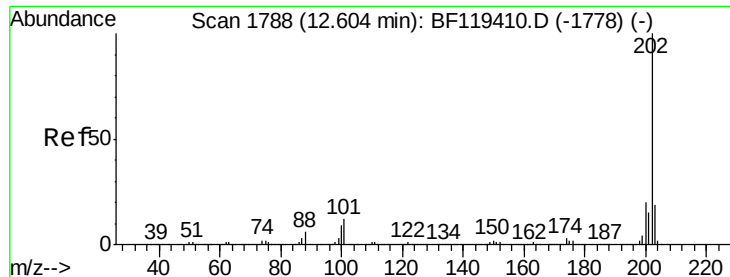
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#74
 Di-n-butylphthalate
 Concen: 43.378 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: BF119433.D
 Acq: 18 Mar 2020 23:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.6	11.4
104	4.6	3.5	5.3





#75

Fluoranthene

Concen: 35.799 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF119433.D

Acq: 18 Mar 2020 23:51

Instrument :

BNA_F

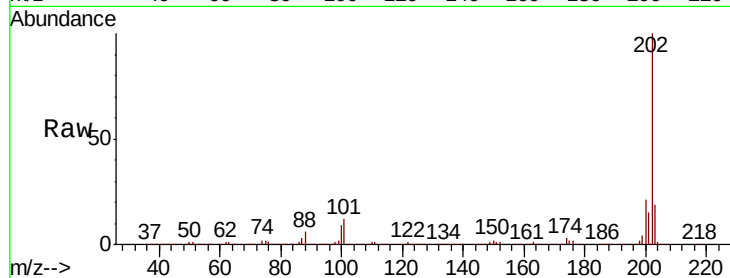
ClientSampleId :

VNJ-219MS

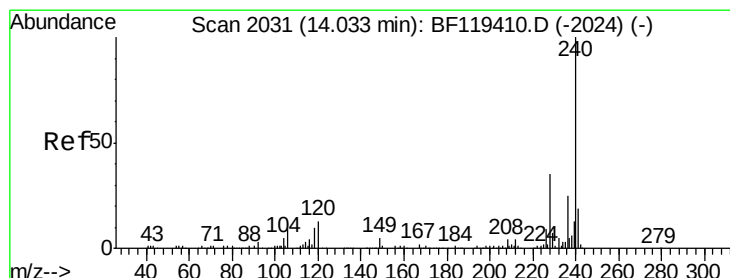
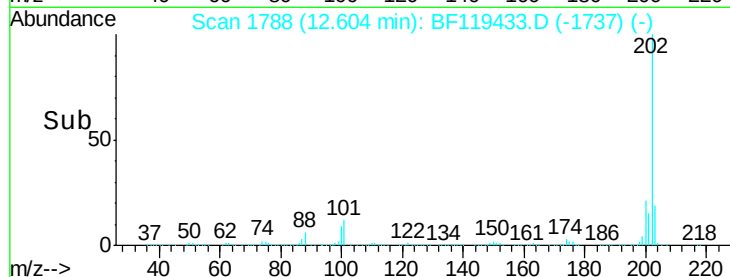
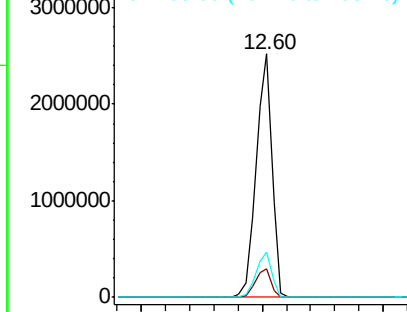
Tot Ion:	202	Resp:	2311048
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.4
203	18.6	0.0	38.5

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



#76

Chrysene-d12

Concen: 20.000 ng

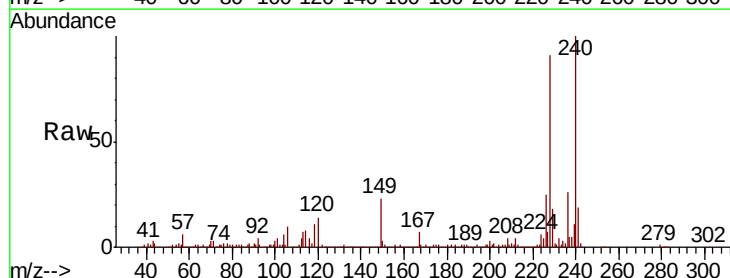
RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

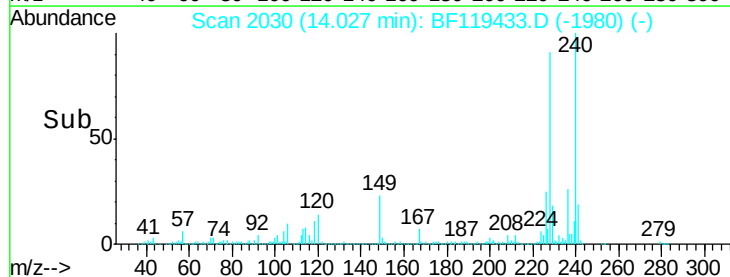
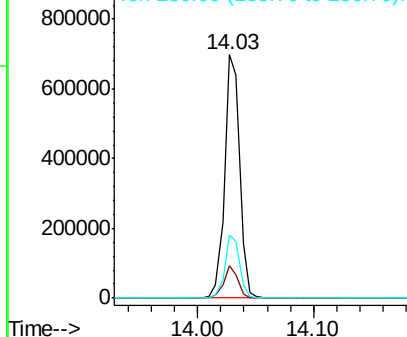
Lab File: BF119433.D

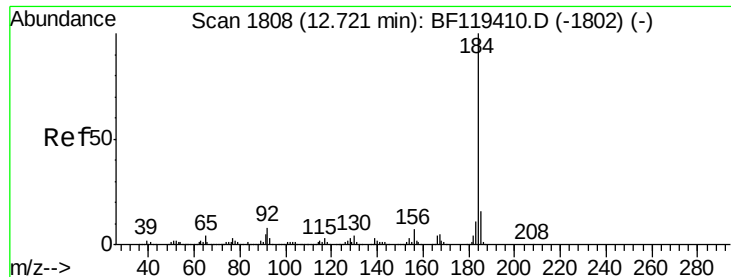
Acq: 18 Mar 2020 23:51

Tgt Ion:	240	Resp:	629862
Ion	Ratio	Lower	Upper
240	100		
120	13.5	10.2	15.4
236	25.7	20.4	30.6



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: 29.218 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BF119433.D

Acq: 18 Mar 2020 23:51

Instrument :

BNA_F

ClientSampleId :

VNJ-219MS

Tot Ion:184 Resp: 778826

Ion Ratio Lower Upper

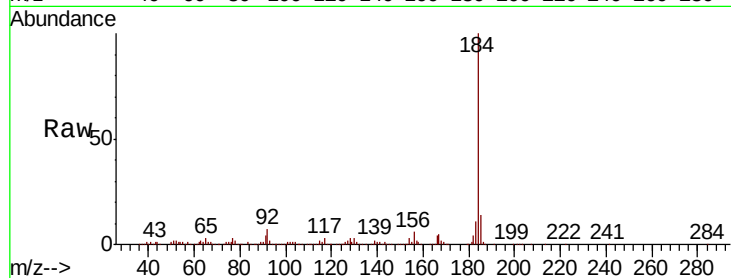
184 100

185 14.1 12.9 19.3

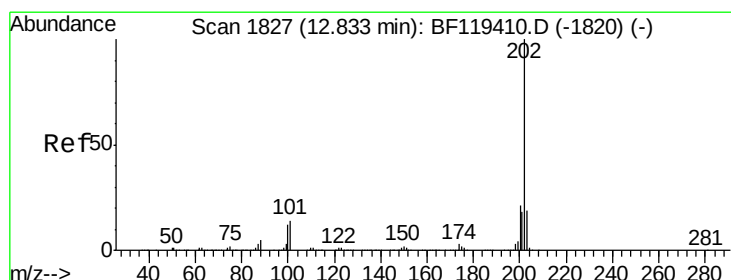
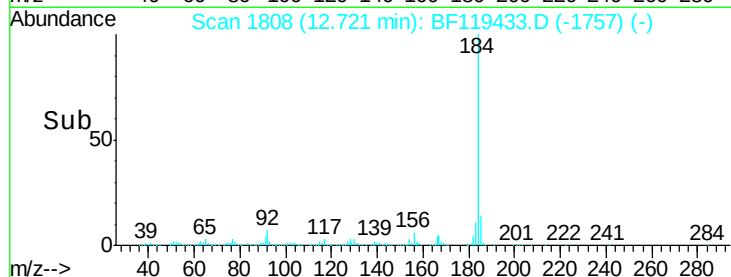
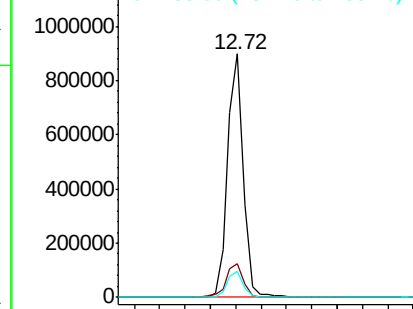
183 10.6 9.0 13.4

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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: 44.014 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF119433.D

Acq: 18 Mar 2020 23:51

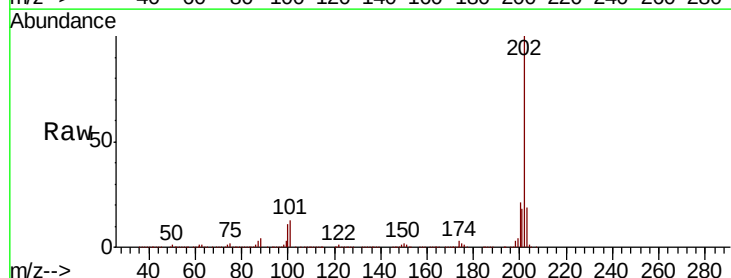
Tgt Ion:202 Resp: 2275176

Ion Ratio Lower Upper

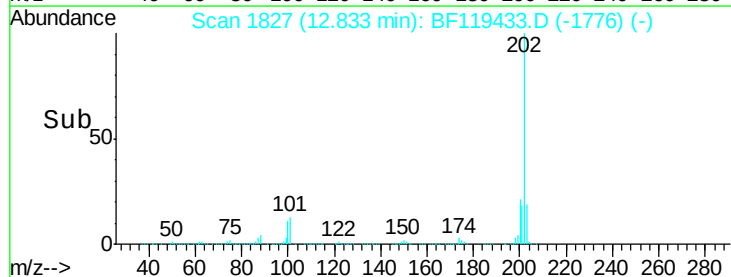
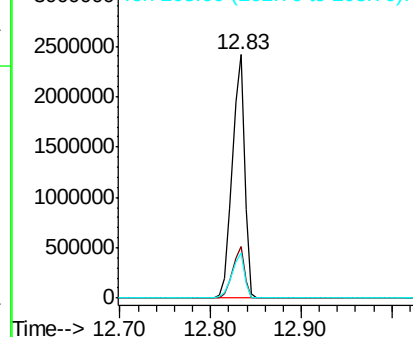
202 100

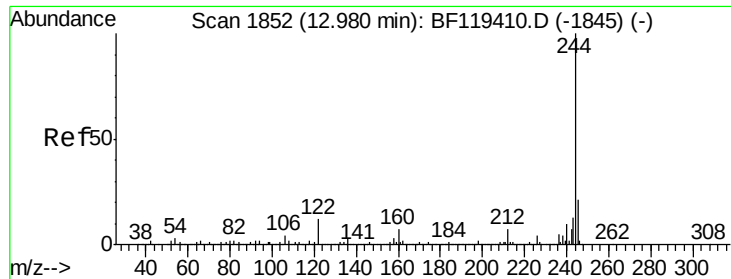
200 21.1 16.8 25.2

203 18.5 14.8 22.2



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: 85.986 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF119433.D

Acq: 18 Mar 2020 23:51

Instrument :

BNA_F

ClientSampleId :

VNJ-219MS

Tot Ion:244 Resp: 2764345

Ion Ratio Lower Upper

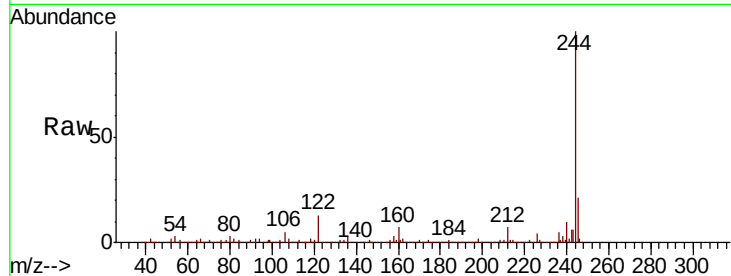
244 100

212 7.1 5.7 8.5

122 13.2 9.8 14.8

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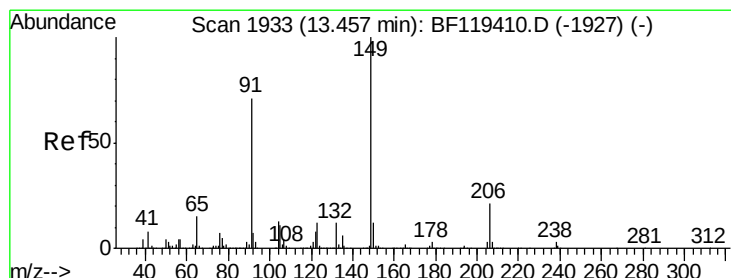
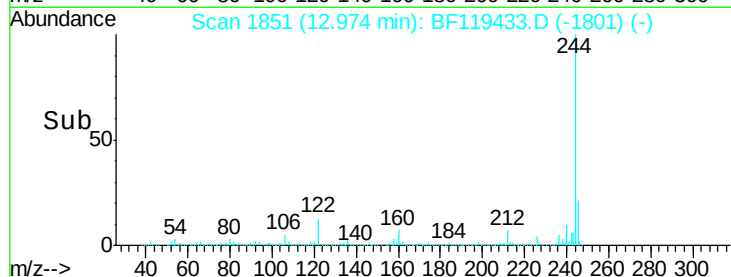
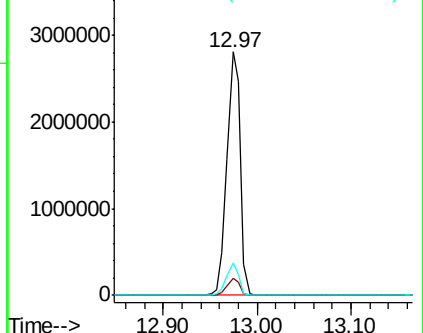
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.203 ng

RT: 13.46 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BF119433.D

Acq: 18 Mar 2020 23:51

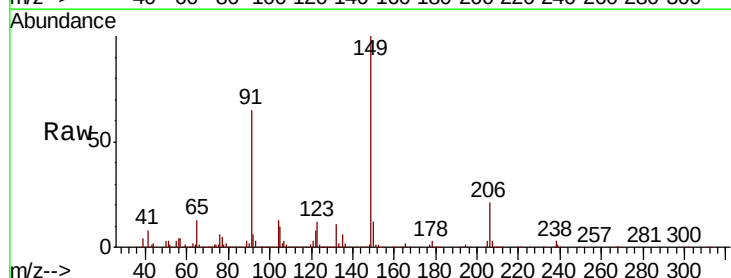
Tgt Ion:149 Resp: 1007780

Ion Ratio Lower Upper

149 100

91 65.2 57.0 85.6

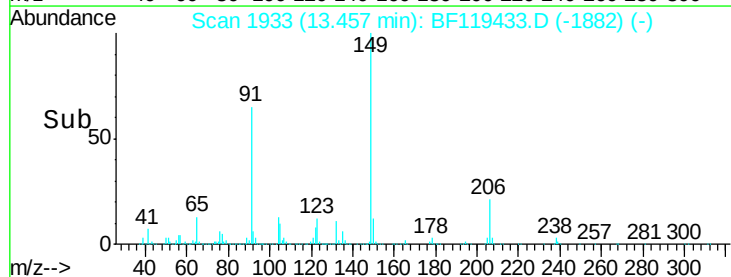
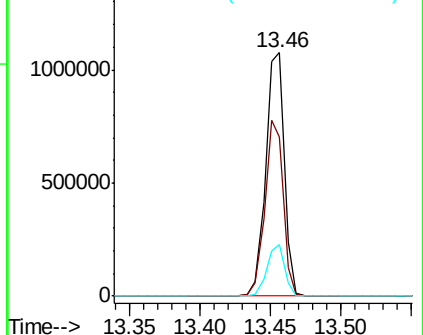
206 21.0 16.4 24.6

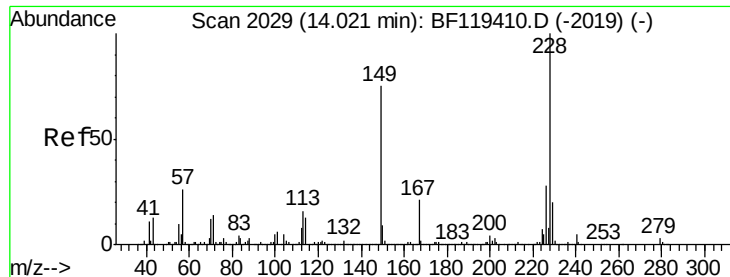


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





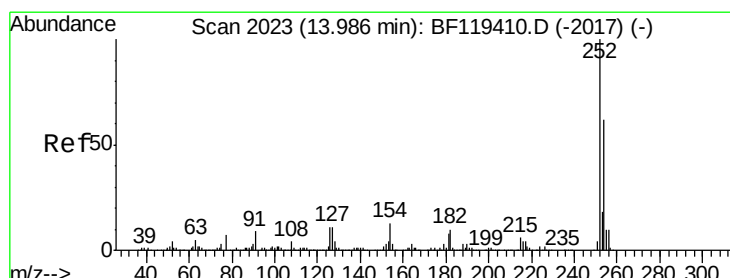
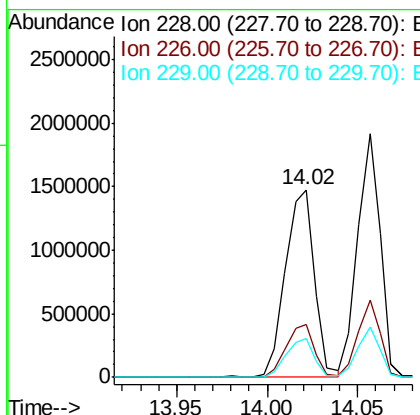
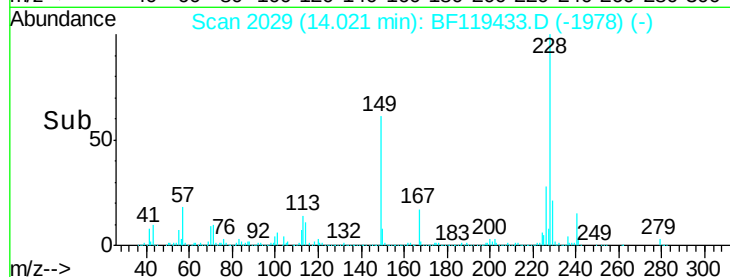
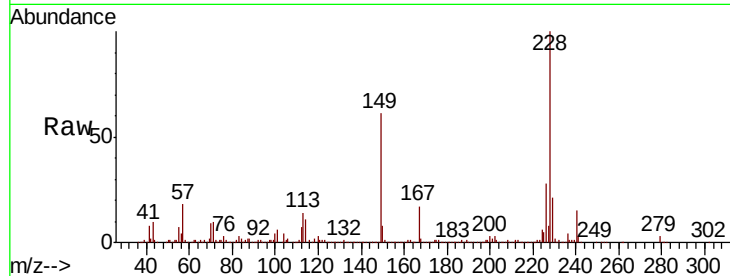
#81
Benzo(a)anthracene
Concen: 40.448 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Instrument :
BNA_F
ClientSampleId :
VNJ-219MS

Tot Ion:228 Resp: 1656693
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 20.6 16.3 24.5

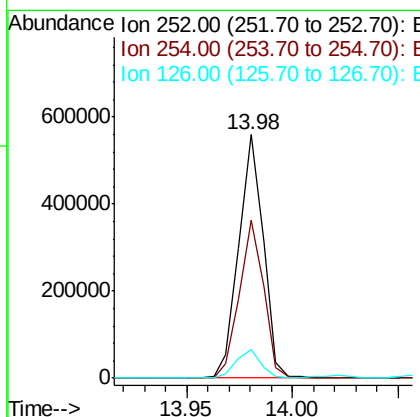
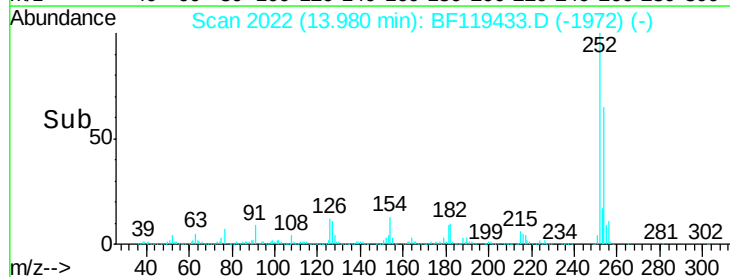
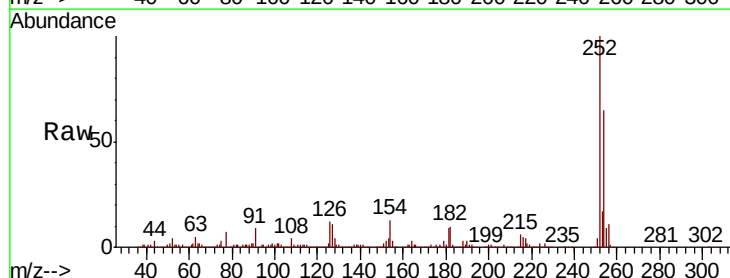
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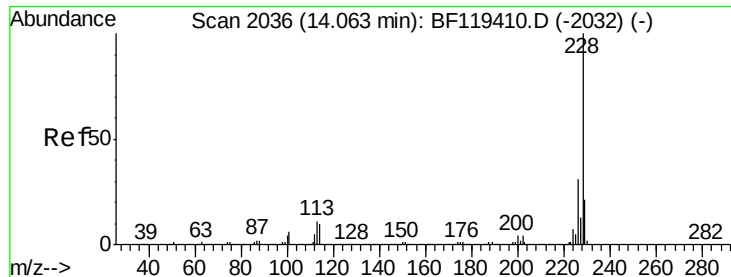
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#82
3,3'-Dichlorobenzidine
Concen: 27.896 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Tgt Ion:252 Resp: 450519
Ion Ratio Lower Upper
252 100
254 65.0 49.8 74.8
126 11.9 8.9 13.3





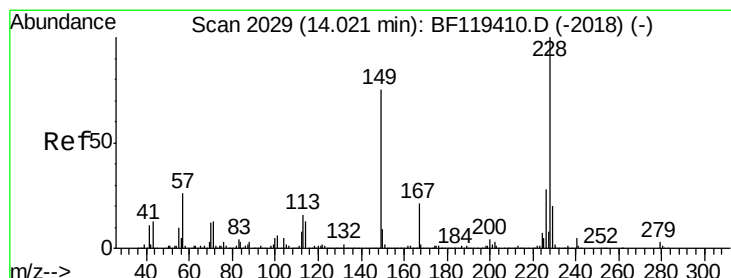
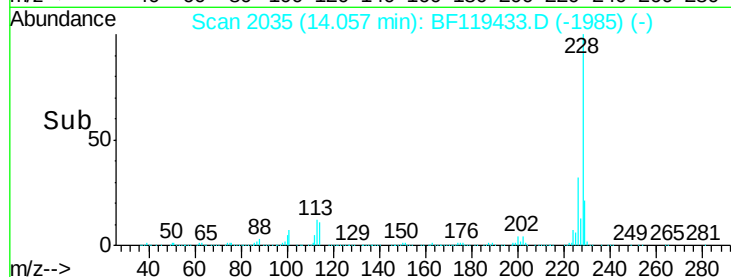
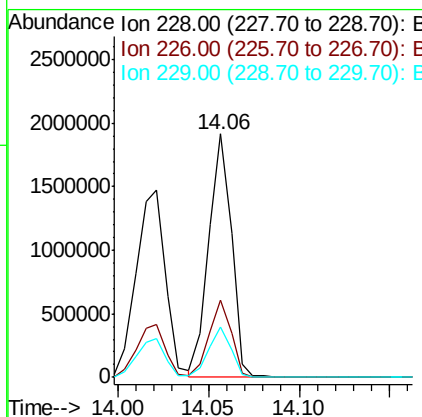
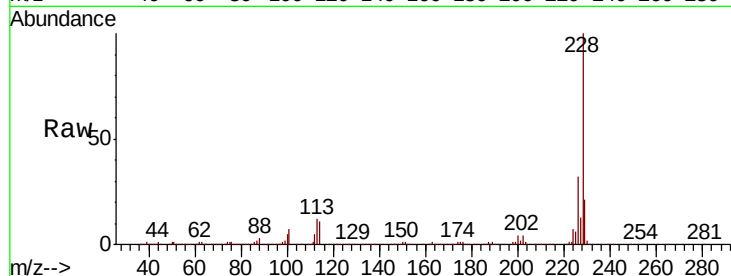
#83
 Chrysene
 Concen: 39.424 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF119433.D
 Acq: 18 Mar 2020 23:51

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219MS

Tot Ion: 228 Resp: 1666509
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.8 37.2
 229 20.7 16.6 25.0

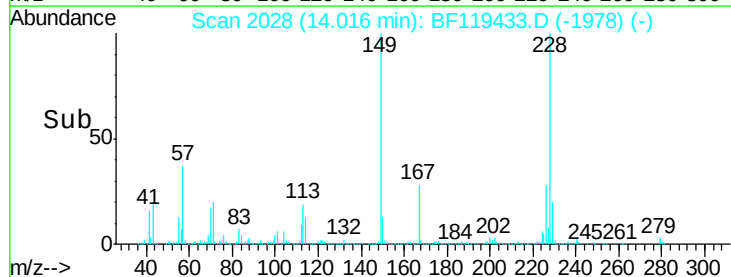
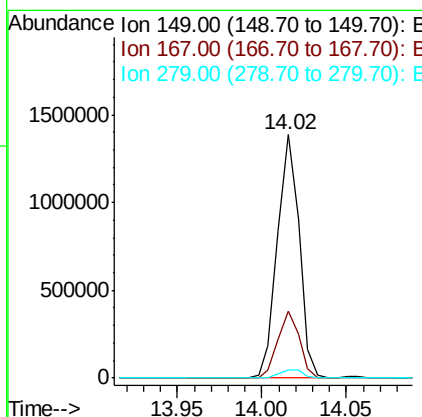
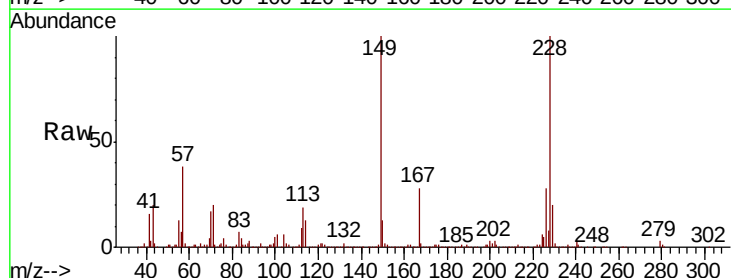
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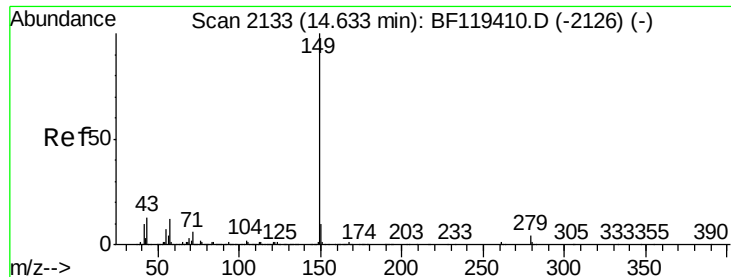
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.825 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF119433.D
 Acq: 18 Mar 2020 23:51

Tgt Ion: 149 Resp: 1241785
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.0 33.0
 279 3.4 3.2 4.8





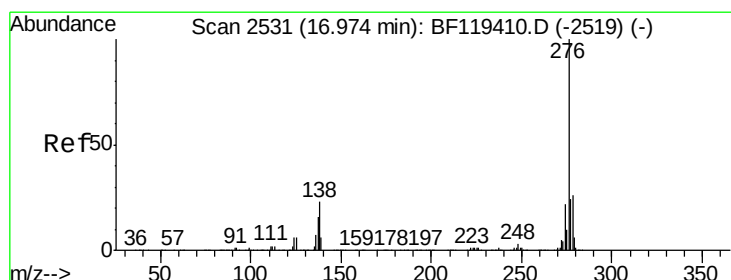
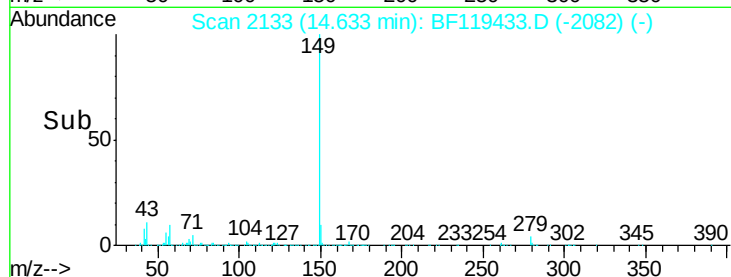
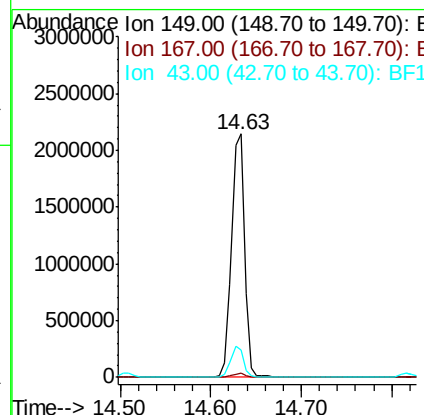
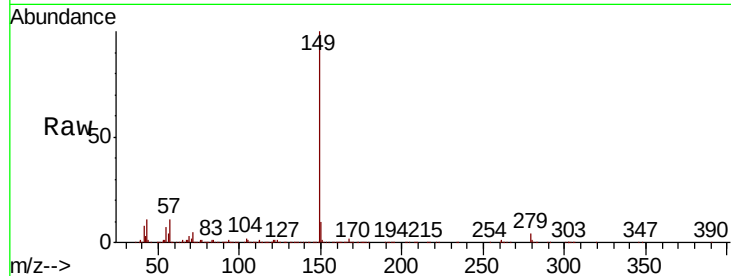
#85
Di-n-octyl phthalate
Concen: 48.588 ng
RT: 14.63 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Instrument :
BNA_F
ClientSampleId :
VNJ-219MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	12.2	10.1	15.1

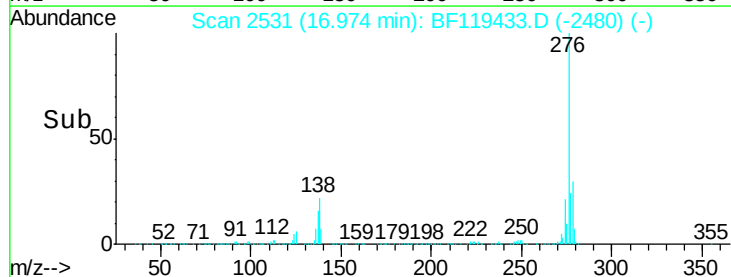
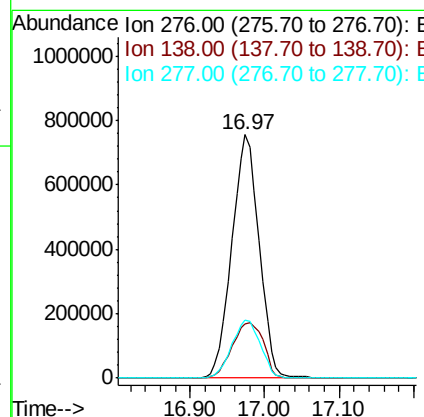
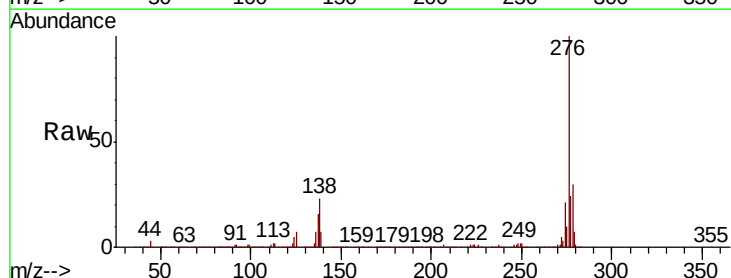
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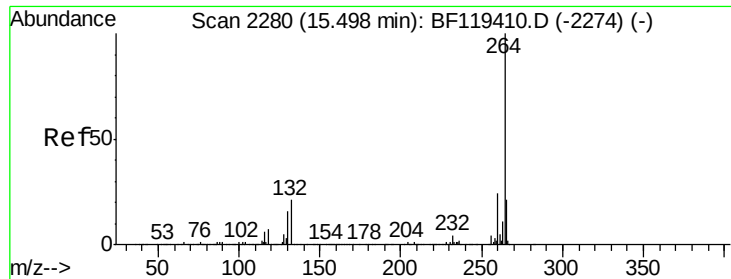
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 48.261 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.3	31.9
277	25.2	20.2	30.2





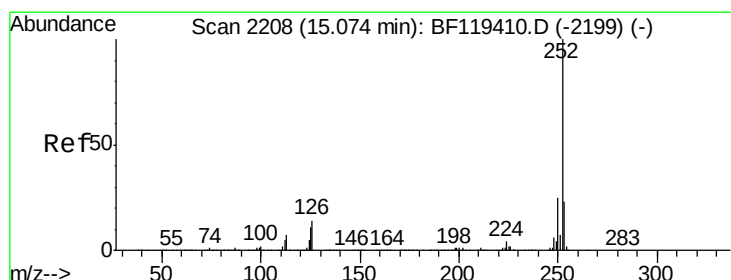
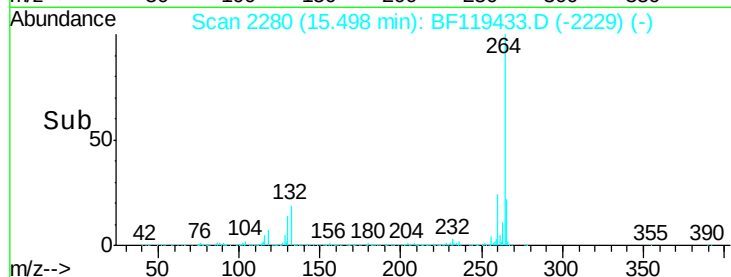
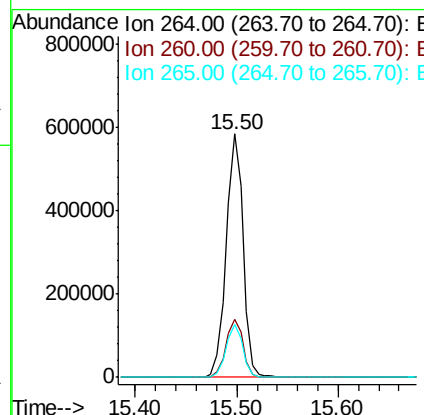
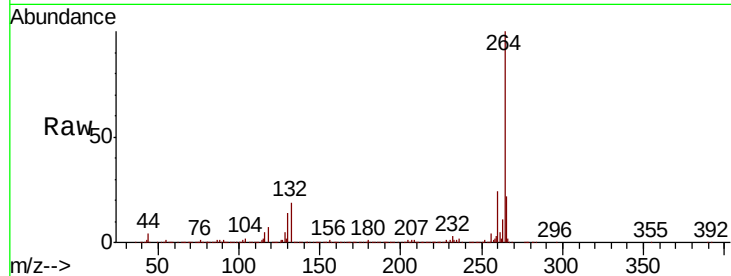
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Instrument :
BNA_F
ClientSampleId :
VNJ-219MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	16.9	25.3

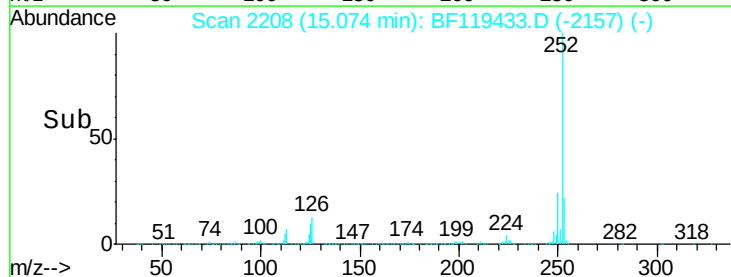
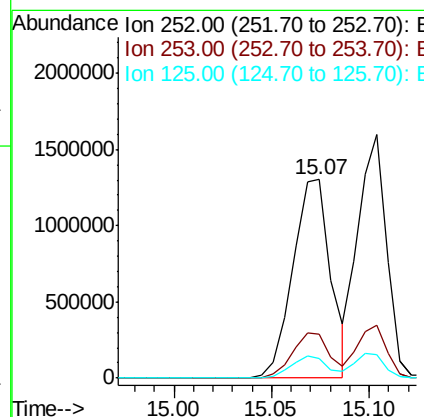
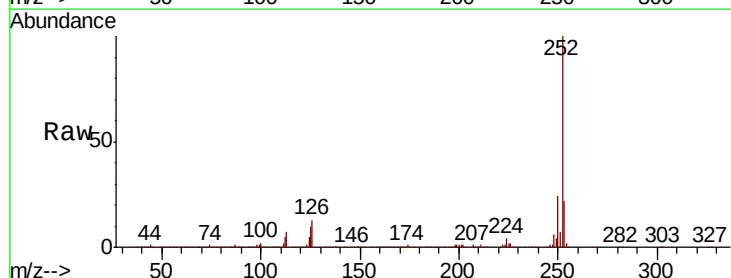
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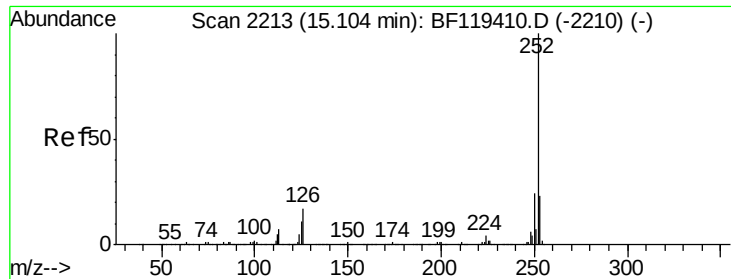
mohammad
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#88
Benzo(b)fluoranthene
Concen: 38.861 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	9.7	8.8	13.2





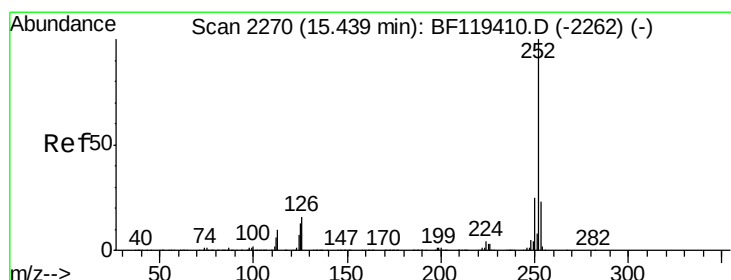
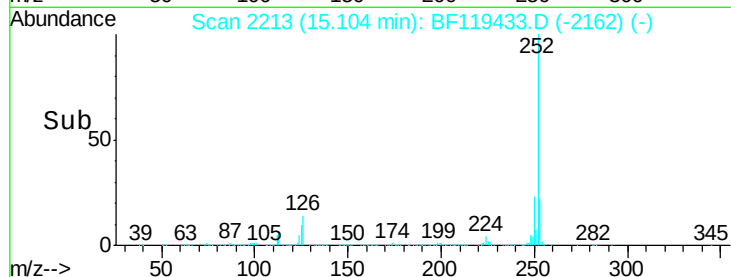
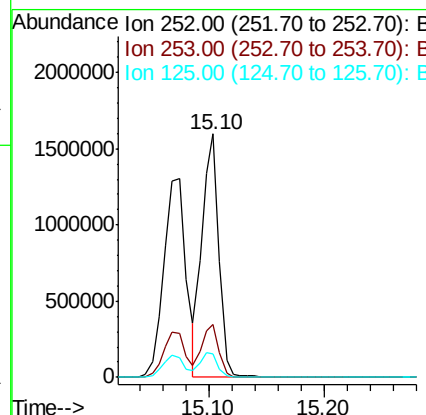
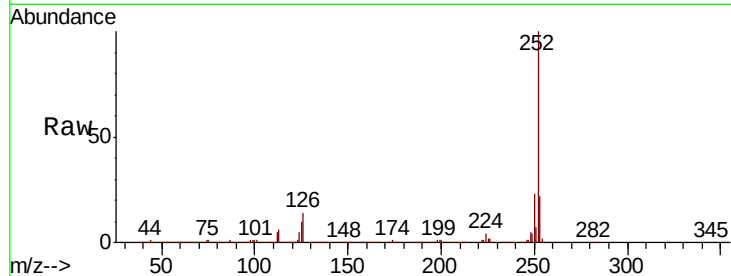
#89
Benzo(k)fluoranthene
Concen: 38.201 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Instrument :
BNA_F
ClientSampleId :
VNJ-219MS

Tot Ion:252 Resp: 1643508
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 9.8 9.0 13.4

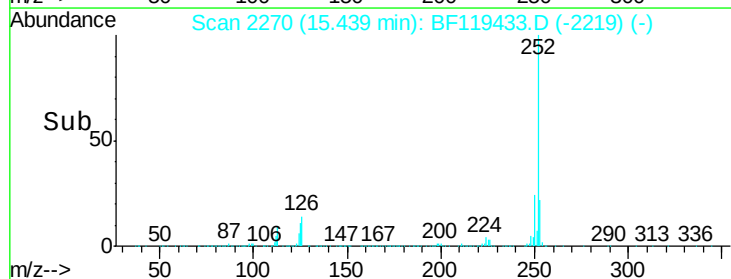
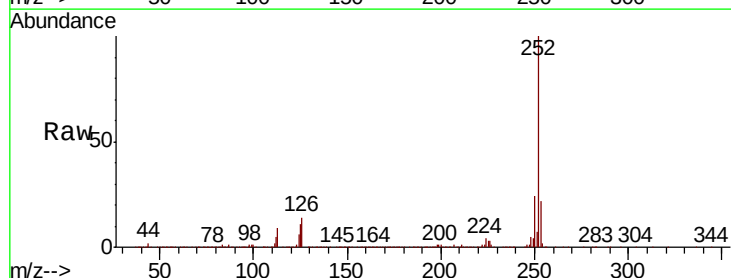
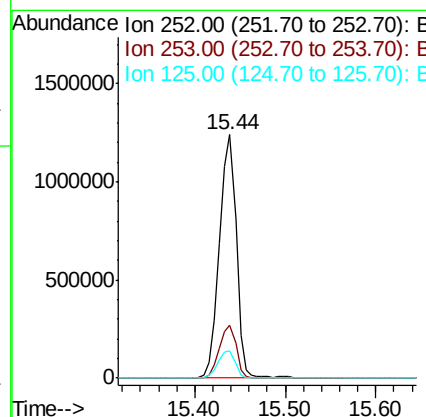
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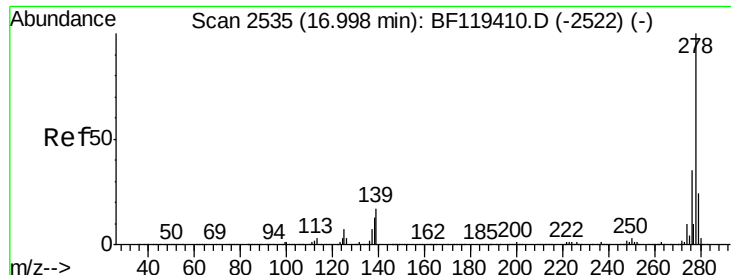
mohammad
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#90
Benzo(a)pyrene
Concen: 38.830 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Tgt Ion:252 Resp: 1594384
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.4
125 11.3 10.2 15.2





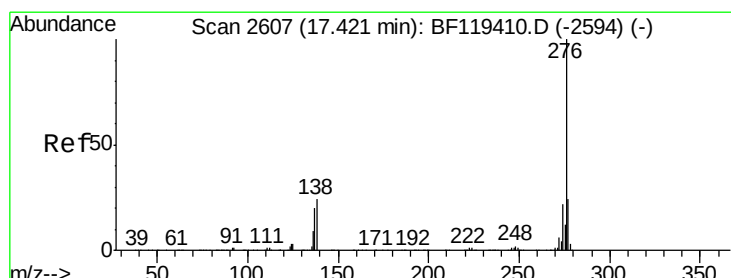
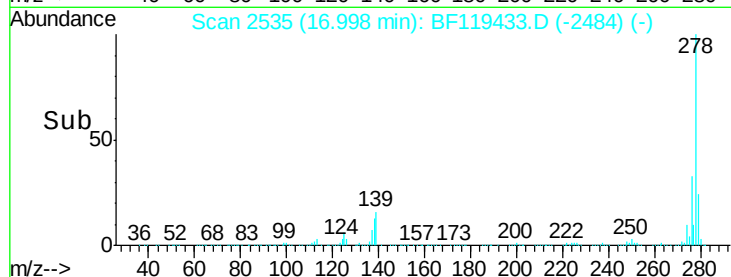
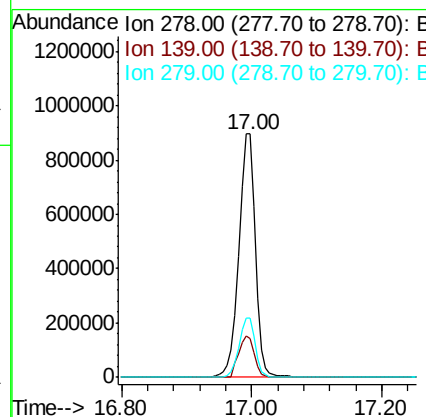
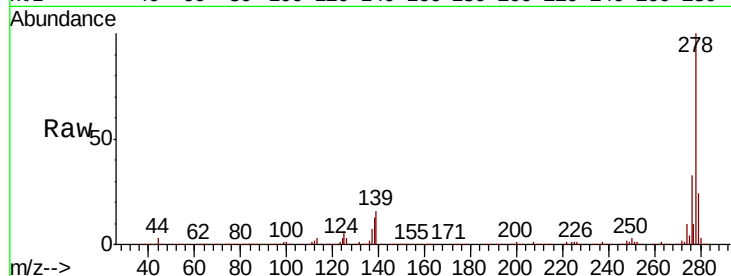
#91
Dibenzo(a,h)anthracene
Concen: 44.007 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Instrument :
BNA_F
ClientSampleId :
VNJ-219MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.7	20.5
279	24.3	19.2	28.8

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#92
Benzo(g,h,i)perylene
Concen: 44.190 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.00 min
Lab File: BF119433.D
Acq: 18 Mar 2020 23:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	23.2	19.1	28.7

