

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
 Data File : BF119516.D
 Acq On : 25 Mar 2020 21:38
 Operator : CG/JU
 Sample : L1754-04MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MS

Manual Integrations
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mohammad
 3/27/2020 8:12:08 AM

Quant Time: Mar 26 03:30:44 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	6.85	152	368778	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1422586	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	751500	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1420900	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	956729	20.00	ng	0.00
87) Perylene-d12	15.49	264	891764	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	2914297	125.80	ng	0.02
7) Phenol-d6	6.48	99	3444952	116.41	ng	0.00
23) Nitrobenzene-d5	7.42	82	2670847	102.04	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	1229591	158.60	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	4855809	95.73	ng	0.00
79) Terphenyl-d14	12.97	244	4880160	99.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	450784	39.399	ng	98
3) Pyridine	3.53	79	872714	27.687	ng	98
4) n-Nitrosodimethylamine	3.47	42	679551	44.209	ng	99
6) Aniline	6.51	93	799604	19.578	ng	98
8) 2-Chlorophenol	6.63	128	1344032	55.240	ng	99
9) Benzaldehyde	6.40	77	647904	34.513	ng	97
10) Phenol	6.49	94	1386736	43.917	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	1407628	55.738	ng	99
12) 1,3-Dichlorobenzene	6.79	146	1272602	48.327	ng	99
13) 1,4-Dichlorobenzene	6.86	146	1298880	49.313	ng	100
14) 1,2-Dichlorobenzene	7.02	146	1202768	48.854	ng	98
15) Benzyl Alcohol	6.99	79	1141009	51.258	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	2457441	48.242	ng	96
17) 2-Methylphenol	7.10	107	1069243	47.964	ng	97
18) Hexachloroethane	7.36	117	502634	52.072	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	988448	55.416	ng	98
20) 3+4-Methylphenols	7.25	107	1238359m	45.327	ng	
22) Acetophenone	7.26	105	1777138	52.281	ng	# 87
24) Nitrobenzene	7.43	77	1434314	51.274	ng	95
25) Isophorone	7.67	82	2738463	51.574	ng	98
26) 2-Nitrophenol	7.75	139	733513	66.597	ng	100
27) 2,4-Dimethylphenol	7.78	122	1231361	54.067	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	1732085	55.165	ng	98
29) 2,4-Dichlorophenol	7.99	162	1139116	54.435	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	1201749	51.928	ng	98
31) Naphthalene	8.15	128	3676529	50.220	ng	98
32) Benzoic acid	7.92	122	870655	59.430	ng	97
33) 4-Chloroaniline	8.20	127	417870	12.457	ng	96
34) Hexachlorobutadiene	8.27	225	680675	52.568	ng	97
35) Caprolactam	8.59	113	304178m	44.414	ng	
36) 4-Chloro-3-methylphenol	8.69	107	1236141	54.047	ng	99
37) 2-Methylnaphthalene	8.85	142	2640780	54.964	ng	99
38) 1-Methylnaphthalene	8.95	142	2505631	55.098	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	1114541	50.599	ng	98

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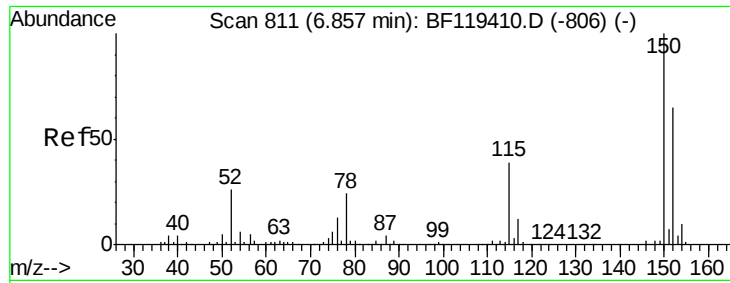
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 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	1217578	97.230	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	891104	56.531	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	877250	49.679	nq	97
46) 1,1'-Biphenyl	9.32	154	3116520	50.918	nq	98
47) 2-Chloronaphthalene	9.34	162	2422480	50.528	nq	99
48) 2-Nitroaniline	9.43	65	904360	54.650	nq	98
49) Acenaphthylene	9.76	152	3744223	49.732	nq	98
50) Dimethylphthalate	9.62	163	3130626	58.649	nq	98
51) 2,6-Dinitrotoluene	9.68	165	663378	57.980	nq	86
52) Acenaphthene	9.93	154	2442525	52.040	nq	98
53) 3-Nitroaniline	9.85	138	358573	24.824	nq	94
54) 2,4-Dinitrophenol	9.95	184	693697	134.653	nq	94
55) Dibenzofuran	10.10	168	3357840	49.898	nq	99
56) 4-Nitrophenol	10.01	139	991567	87.017	nq	89
57) 2,4-Dinitrotoluene	10.09	165	847548	58.803	nq	91
58) Fluorene	10.45	166	2548695	51.217	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	740027	56.066	nq	97
60) Diethylphthalate	10.32	149	2943992	54.340	nq	98
61) 4-Chlorophenyl-phenylether	10.43	204	1261904	51.856	nq	97
62) 4-Nitroaniline	10.47	138	685955	49.522	nq	98
63) Azobenzene	10.60	77	2783156	51.014	nq	95
65) 4,6-Dinitro-2-methylphenol	10.49	198	452723	75.983	nq	91
66) n-Nitrosodiphenylamine	10.56	169	2414741	51.767	nq	98
67) 4-Bromophenyl-phenylether	10.93	248	849984	52.526	nq	94
68) Hexachlorobenzene	10.99	284	910063	54.948	nq	96
69) Atrazine	11.09	200	722488	56.497	nq	100
70) Pentachlorophenol	11.19	266	1011054	104.111	nq	99
71) Phenanthrene	11.41	178	3592489	48.760	nq	98
72) Anthracene	11.46	178	3676503	49.098	nq	98
73) Carbazole	11.61	167	3474757	46.881	nq	97
74) Di-n-butylphthalate	11.94	149	4365518	55.060	nq	# 96
75) Fluoranthene	12.60	202	3823568	47.953	nq	98
77) Benzidine	12.72	184	1351277	33.374	nq	97
78) Pyrene	12.83	202	3821517	48.671	nq	97
80) Butylbenzylphthalate	13.44	149	1974485	62.175	nq	97
81) Benzo(a)anthracene	14.02	228	3012595	48.423	nq	98
82) 3,3'-Dichlorobenzidine	13.97	252	755800	30.811	nq	97
83) Chrysene	14.06	228	3120541	48.601	nq	97
84) Bis(2-ethylhexyl)phthalate	14.01	149	2517135	66.491	nq	99
85) Di-n-octyl phthalate	14.62	149	4490590	67.447	nq	# 99
86) Indeno(1,2,3-cd)pyrene	16.96	276	2935013	48.536	nq	98
88) Benzo(b)fluoranthene	15.07	252	3319652	55.727	nq	98
89) Benzo(k)fluoranthene	15.10	252	2833489	49.954	nq	99
90) Benzo(a)pyrene	15.43	252	2726768	50.369	nq	98
91) Dibenzo(a,h)anthracene	16.99	278	2391815	50.512	nq	98
92) Benzo(g,h,i)perylene	17.41	276	2368480	49.789	nq	97

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



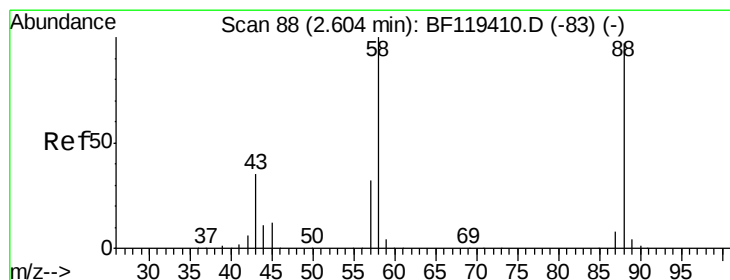
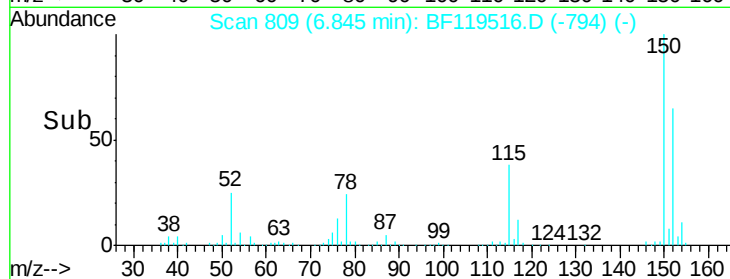
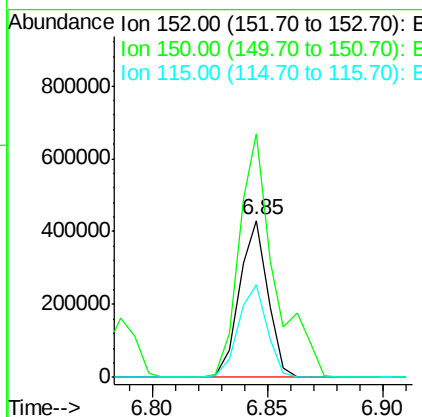
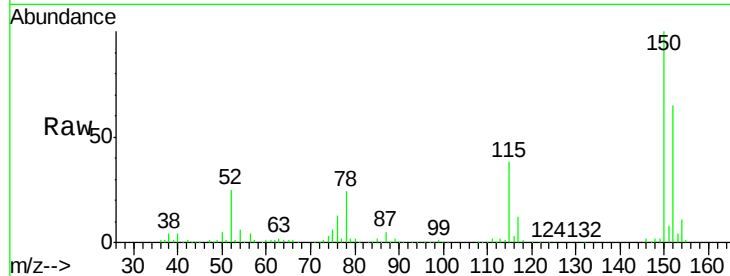
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.9	185.9
115	58.9	47.8	71.6

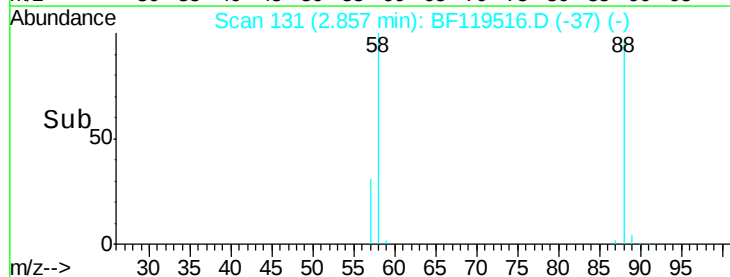
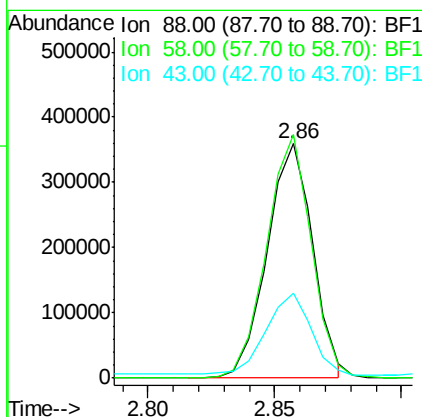
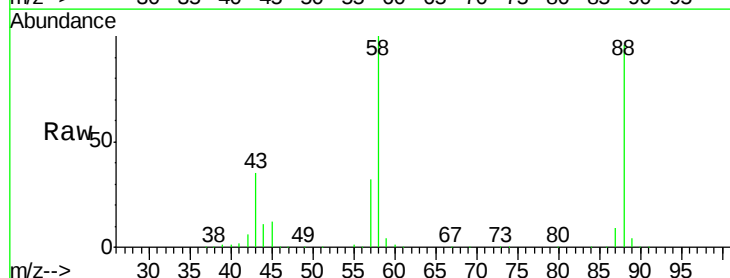
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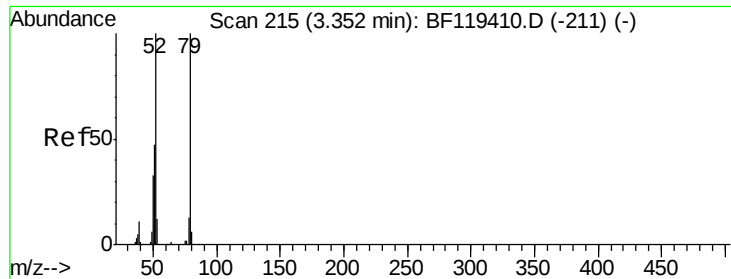
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#2
 1,4-Dioxane
 Concen: 39.399 ng
 RT: 2.86 min Scan# 131
 Delta R.T. 0.25 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.4	79.4	119.2
43	34.0	28.4	42.6





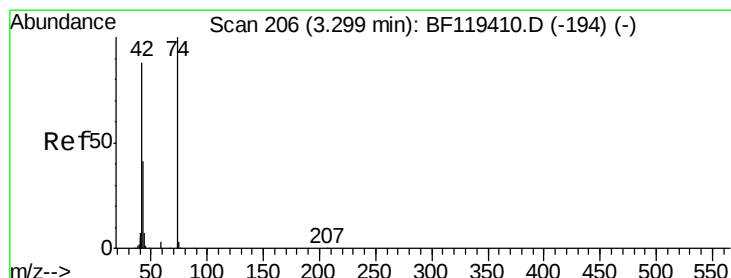
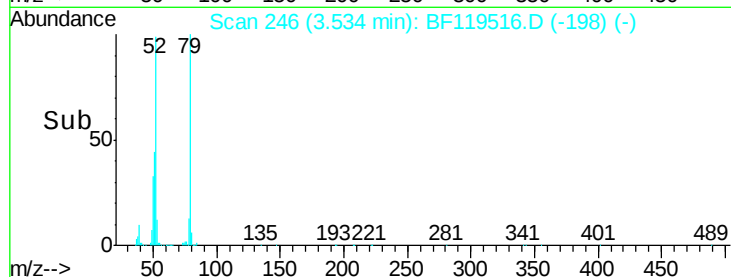
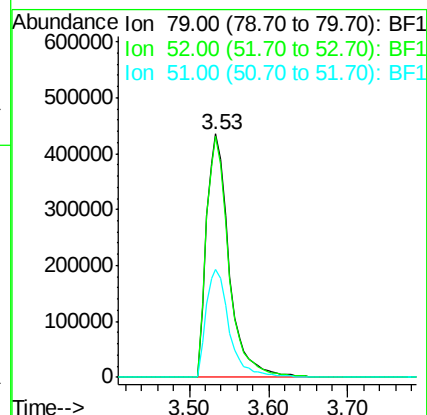
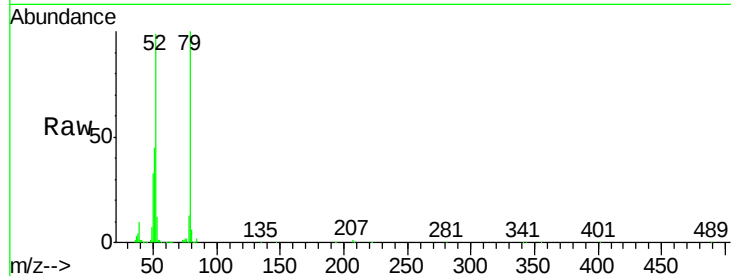
#3
 Pvridine
 Concen: 27.687 ng
 RT: 3.53 min Scan# 246
 Delta R.T. 0.18 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MS

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	99.2	80.0	120.0
51	51	44.5	37.9	56.9

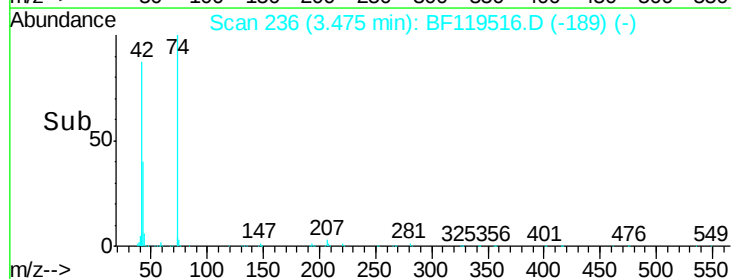
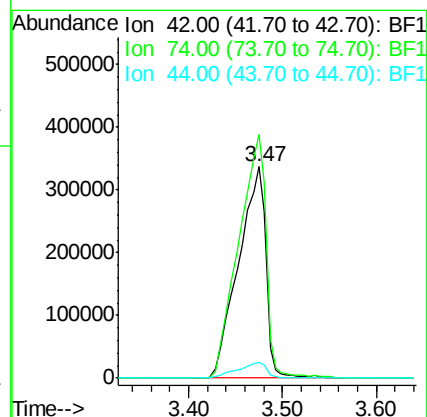
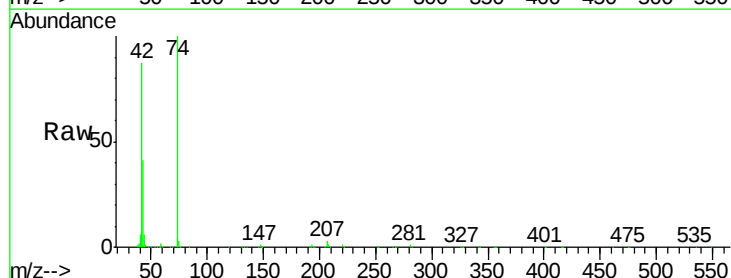
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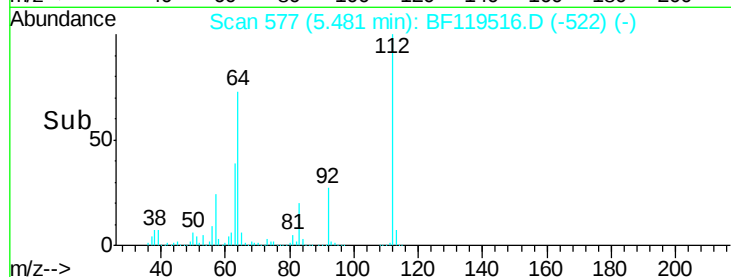
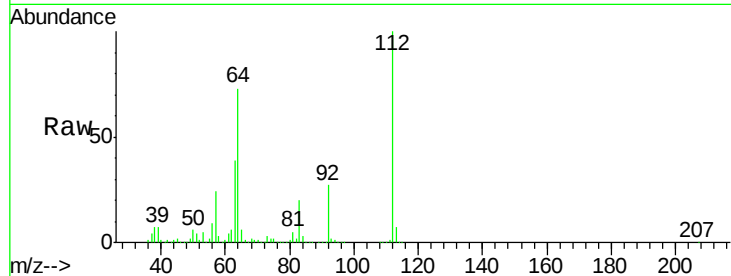
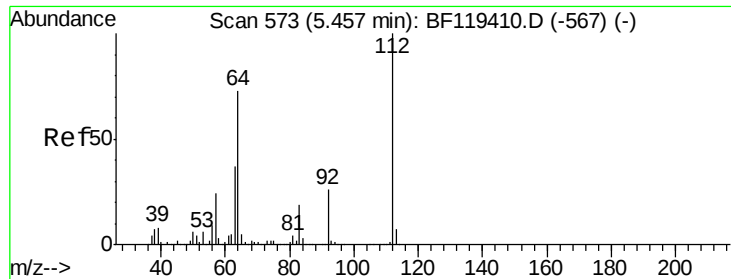
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#4
 n-Nitrosodimethylamine
 Concen: 44.209 ng
 RT: 3.47 min Scan# 236
 Delta R.T. 0.18 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	115.2	91.3	136.9
44	44	7.4	7.1	10.7





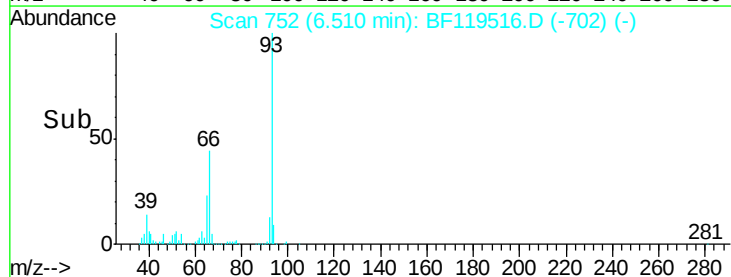
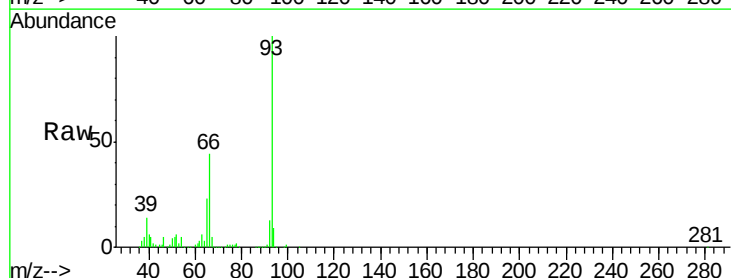
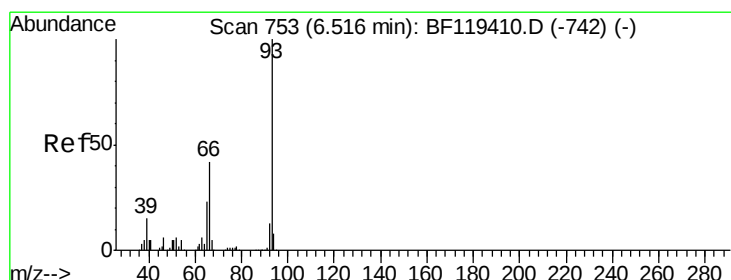
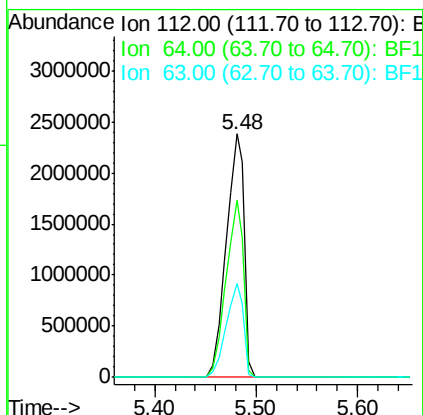
#5
2-Fluorophenol
Concen: 125.802 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.02 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tot Ion	Ratio	Lower	Upper
112	100		
64	72.9	58.1	87.1
63	38.6	29.7	44.5

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

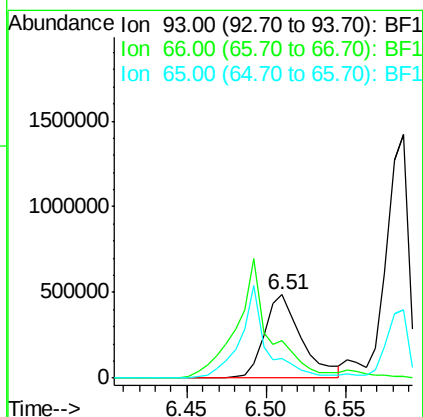
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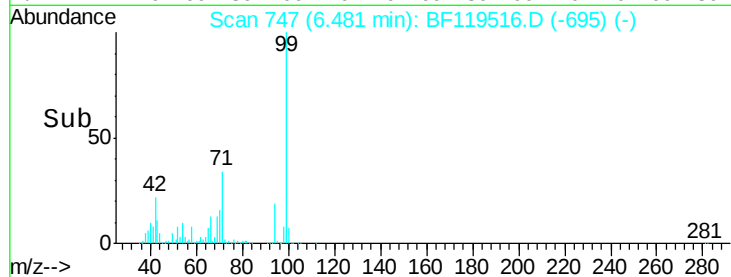
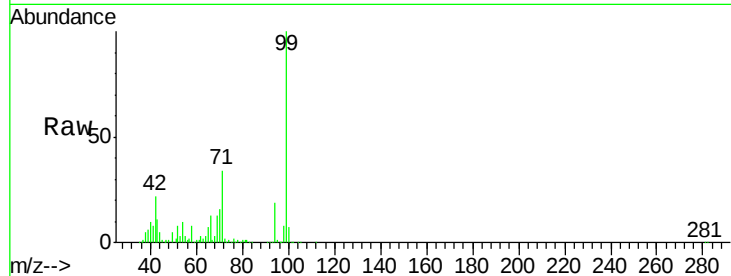
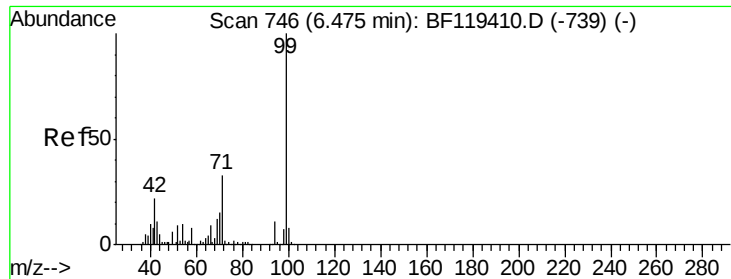
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#6
Aniline
Concen: 19.578 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion	Ratio	Lower	Upper
93	100		
66	44.3	34.2	51.4
65	22.8	18.2	27.4





#7

Phenol-d6

Concen: 116.412 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Tot Ion: 99 Resp: 3444952

Ion Ratio Lower Upper

99 100

42 21.6 17.8 26.6

71 34.5 26.0 39.0

Instrument :

BNA_F

ClientSampleId :

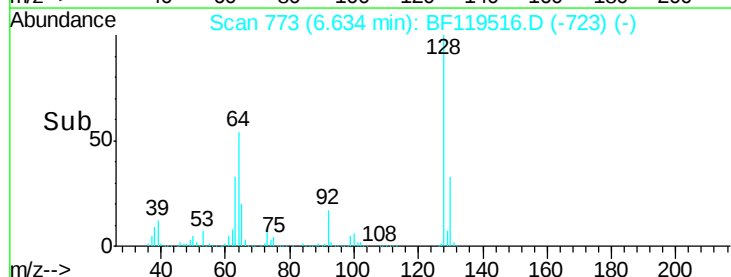
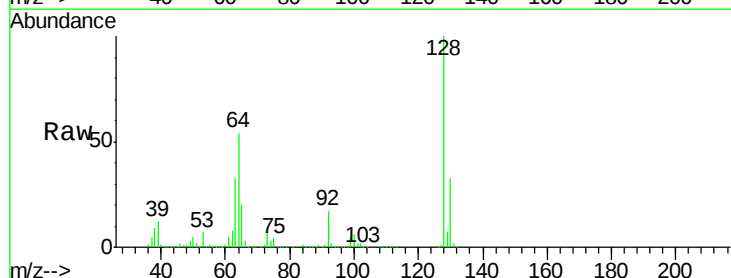
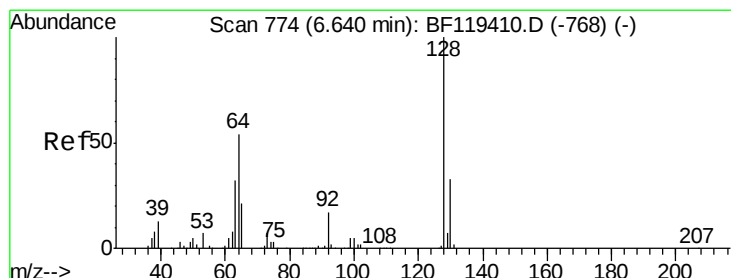
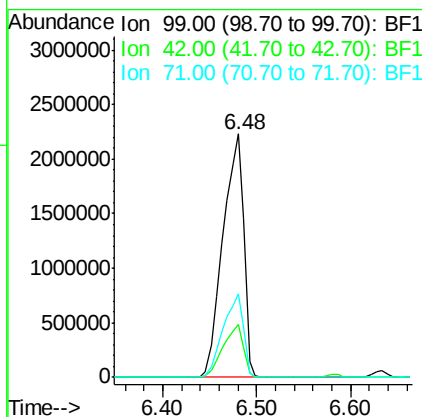
NB-08-032420MS

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#8

2-Chlorophenol

Concen: 55.240 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

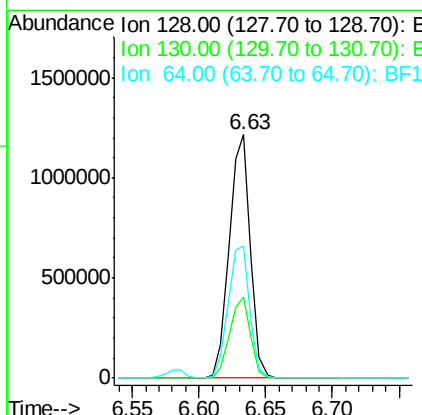
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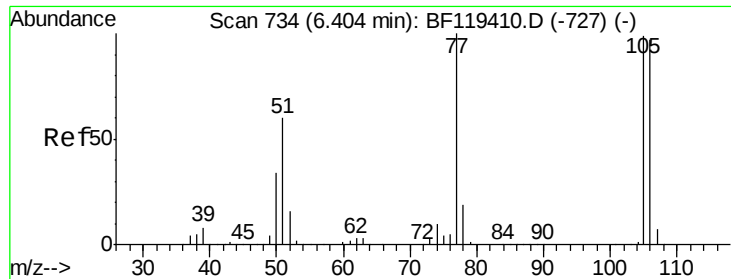
Ion Ratio Lower Upper

128 100

130 33.5 13.0 53.0

64 54.3 35.1 75.1





#9

Benzaldehyde

Concen: 34.513 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

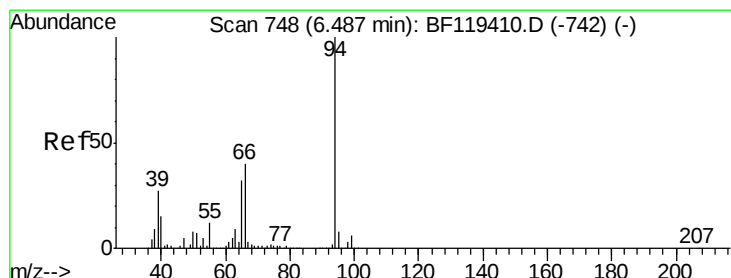
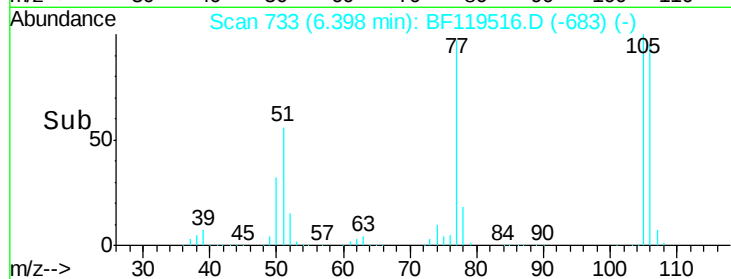
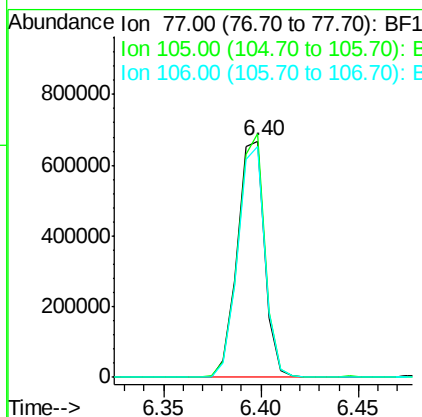
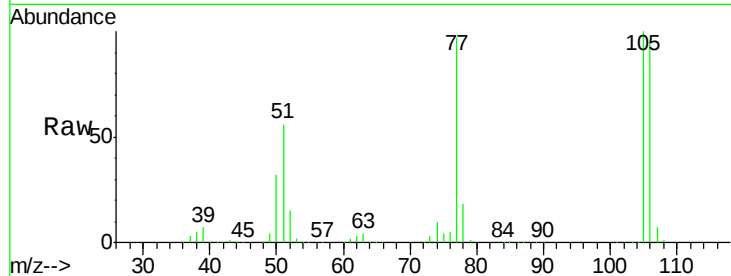
ClientSampleId :

NB-08-032420MS

Tot Ion:	77	Resp:	647904
Ion	Ratio	Lower	Upper
77	100		
105	103.2	78.6	118.6
106	97.9	76.5	116.5

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#10

Phenol

Concen: 43.917 ng

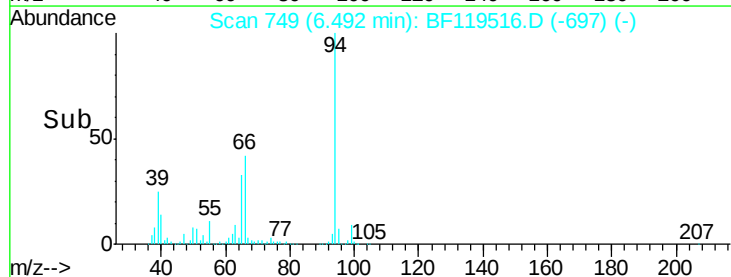
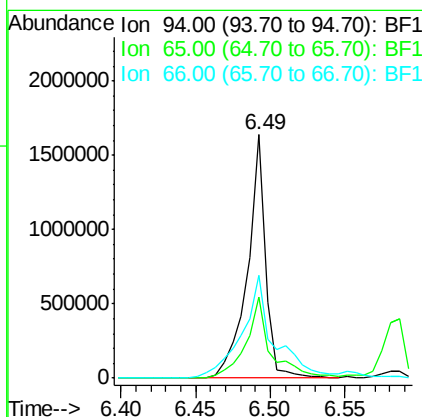
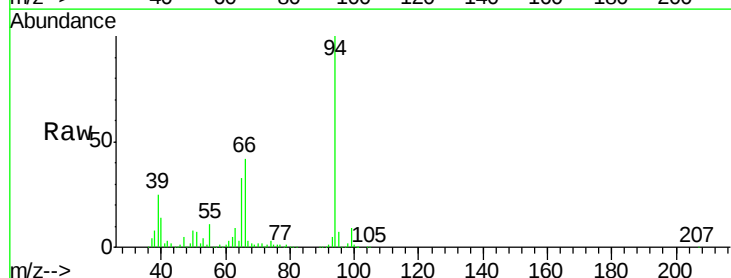
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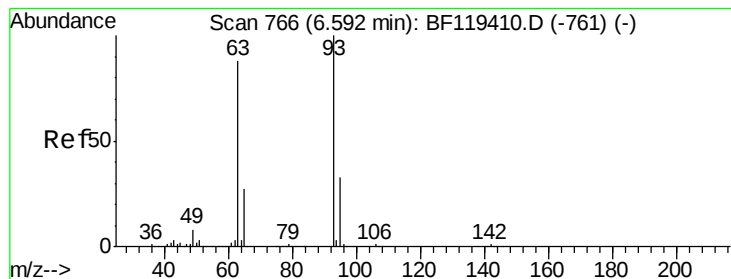
Delta R.T. 0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Tgt Ion:	94	Resp:	1386736
Ion	Ratio	Lower	Upper
94	100		
65	33.1	12.0	52.0
66	42.5	20.6	60.6





#11
bis(2-Chloroethyl)ether
Concen: 55.738 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

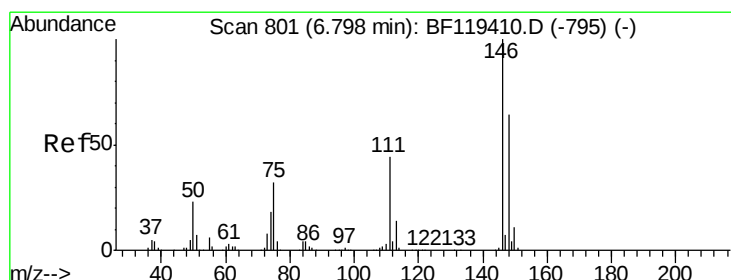
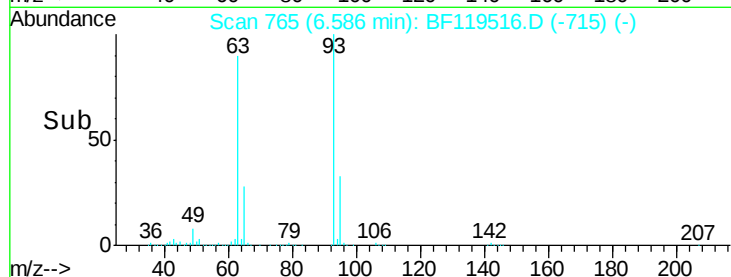
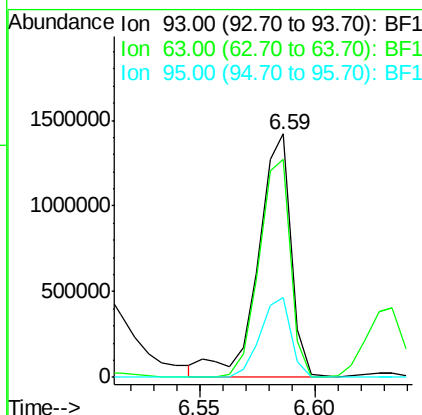
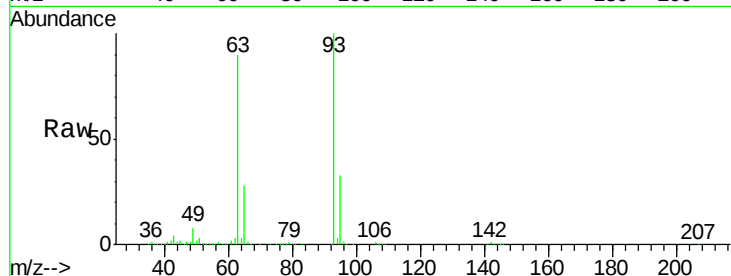
Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tot Ion: 93 Resp: 1407628

Ion	Ratio	Lower	Upper
93	100		
63	89.5	68.4	108.4
95	33.0	13.4	53.4

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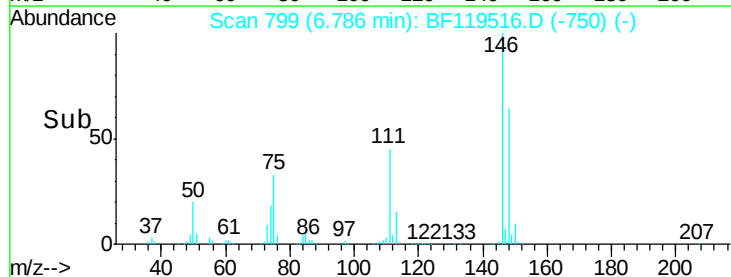
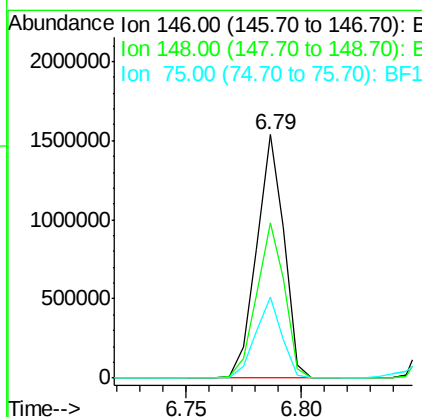
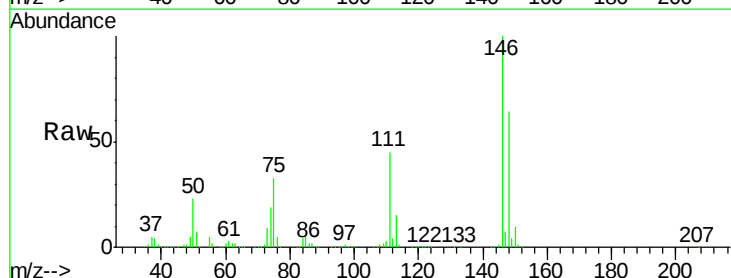
mohammad
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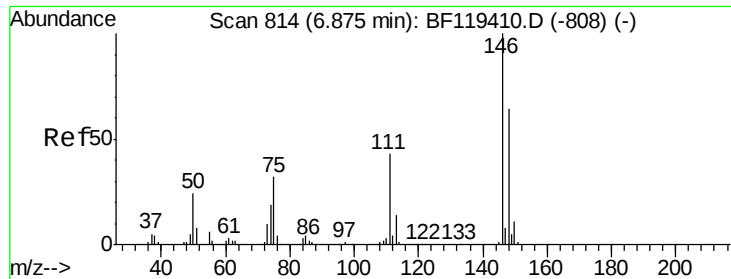


#12
1,3-Dichlorobenzene
Concen: 48.327 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion: 146 Resp: 1272602

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.0
75	33.4	25.8	38.8





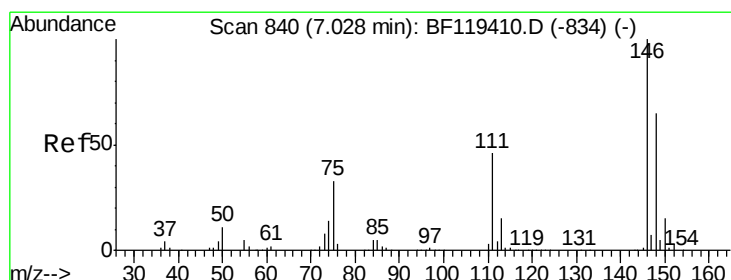
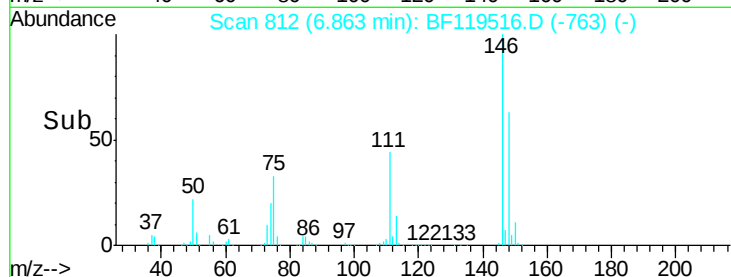
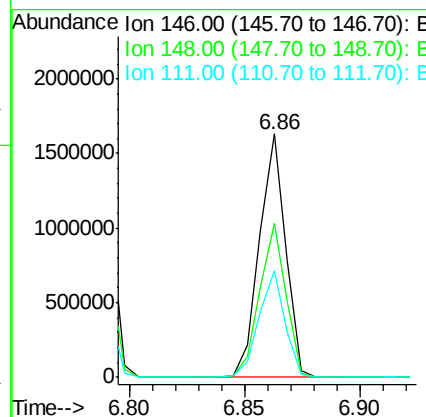
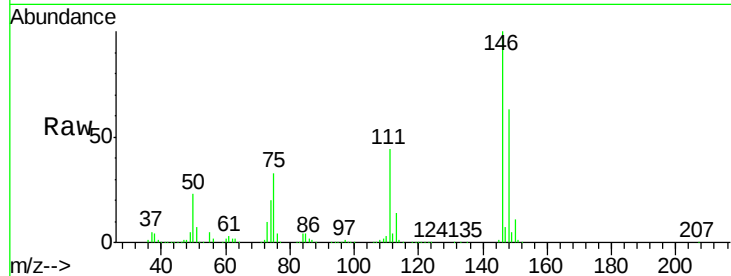
#13
1,4-Dichlorobenzene
Concen: 49.313 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.9	76.3
111	43.6	34.6	52.0

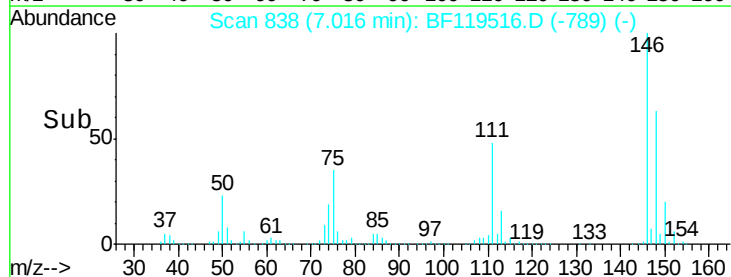
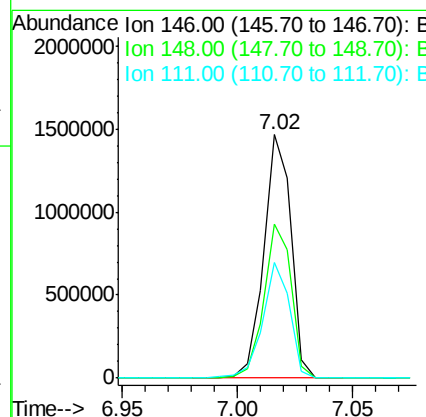
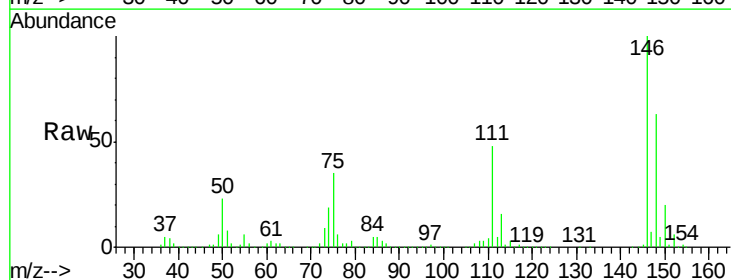
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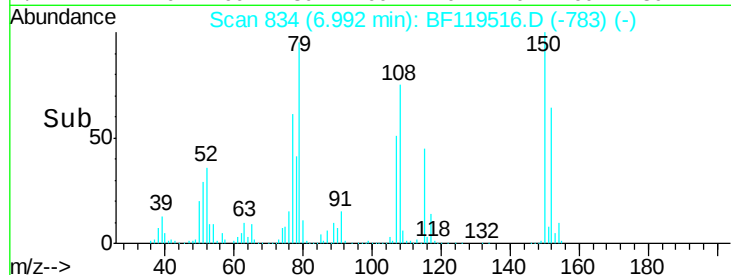
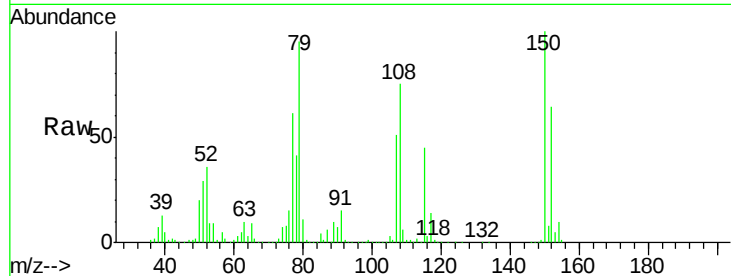
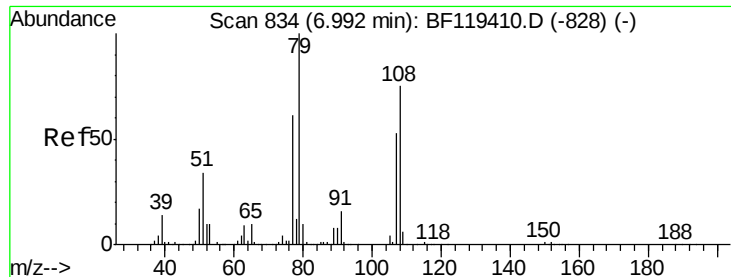
mohammad
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#14
1,2-Dichlorobenzene
Concen: 48.854 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.7	77.5
111	47.5	36.4	54.6





#15

Benzyl Alcohol

Concen: 51.258 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Tot Ion: 79 Resp: 1141009

Ion Ratio Lower Upper

79 100

108 78.5 60.4 90.6

77 63.8 49.0 73.4

Instrument :

BNA_F

ClientSampleId :

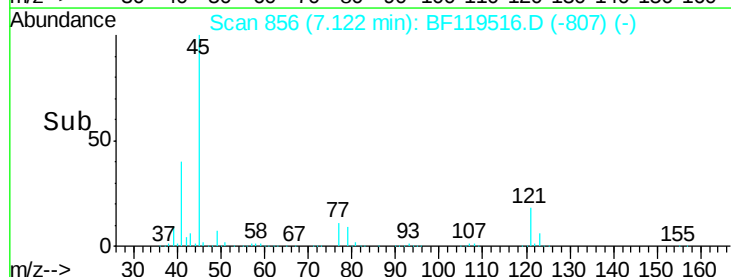
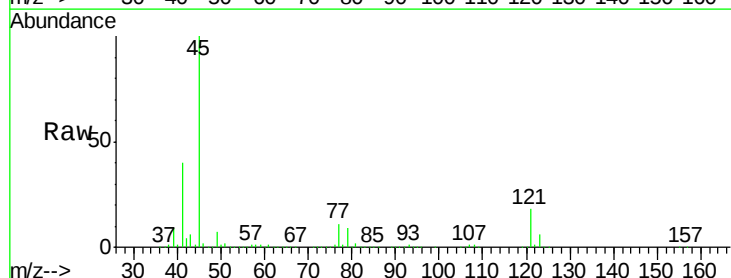
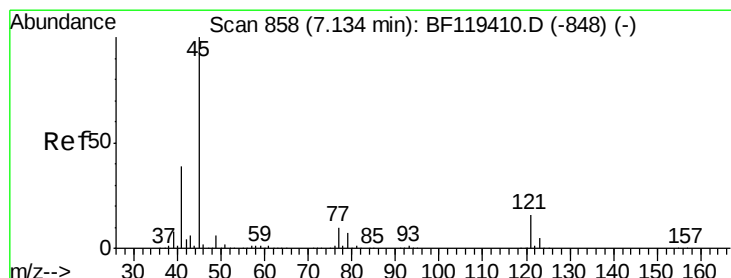
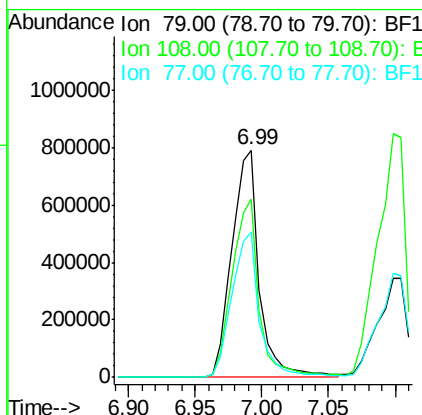
NB-08-032420MS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.242 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

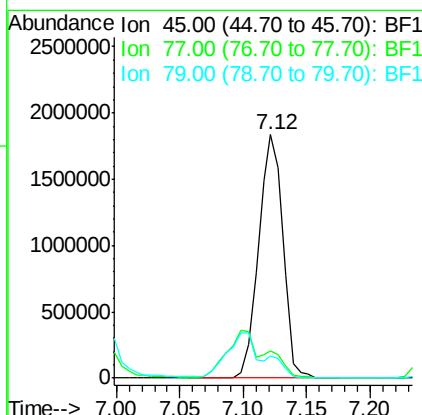
Tgt Ion: 45 Resp: 2457441

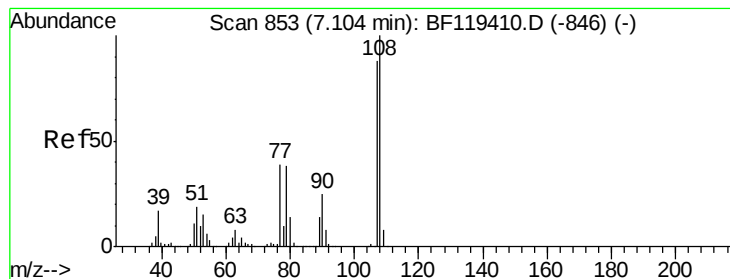
Ion Ratio Lower Upper

45 100

77 11.4 0.0 30.1

79 8.9 0.0 27.4





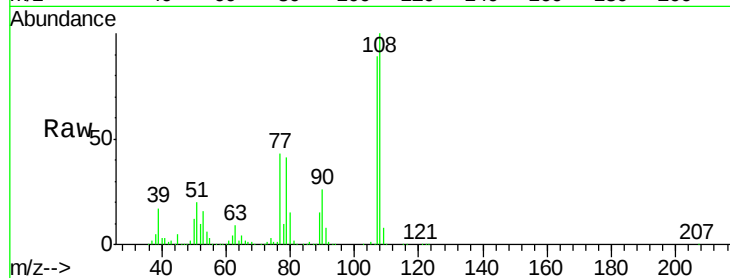
#17
2-Methylphenol
Concen: 47.964 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.7	136.1
77	47.8	35.6	53.4
79	45.6	34.7	52.1

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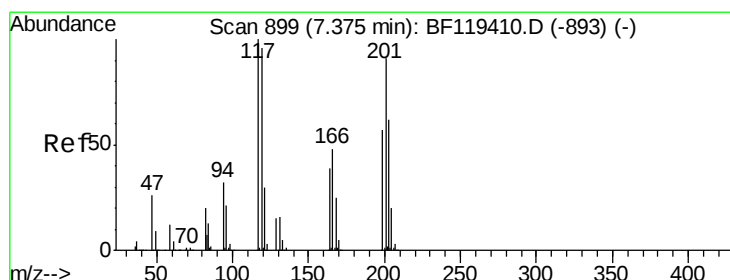
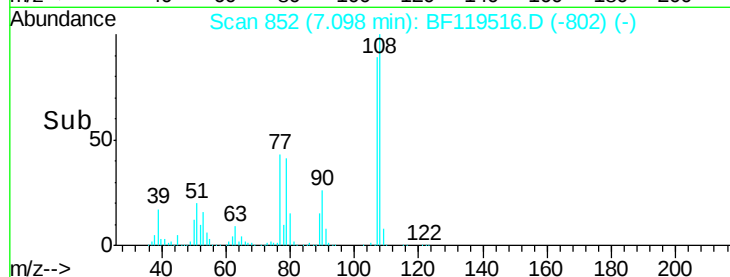
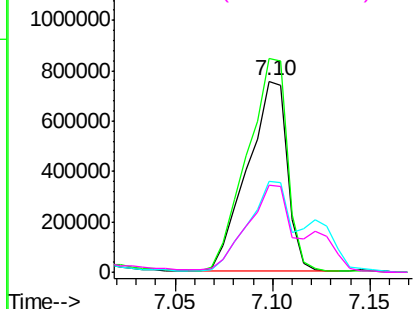
Abundance

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: 52.072 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

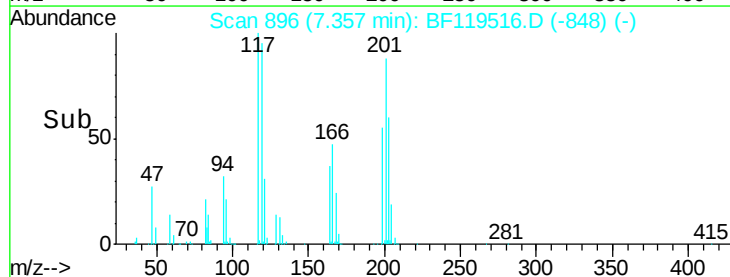
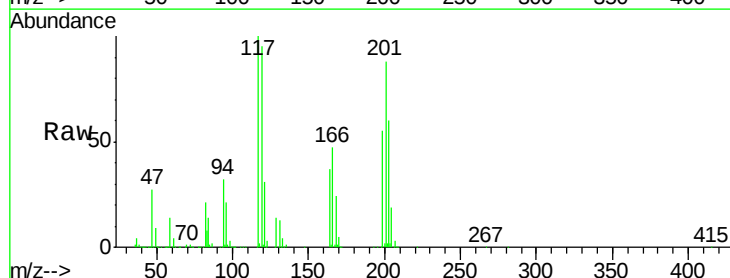
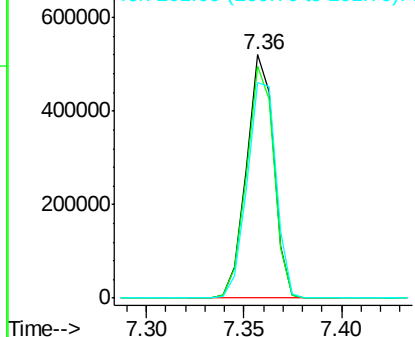
Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.8	115.2
201	88.3	72.5	108.7

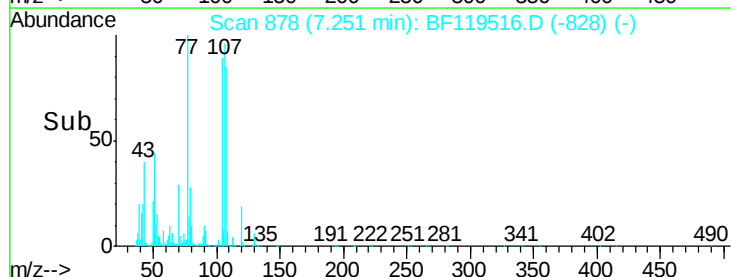
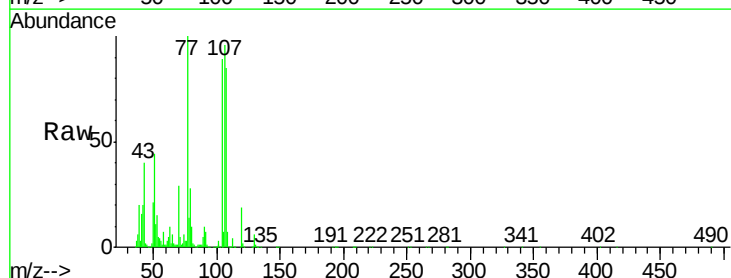
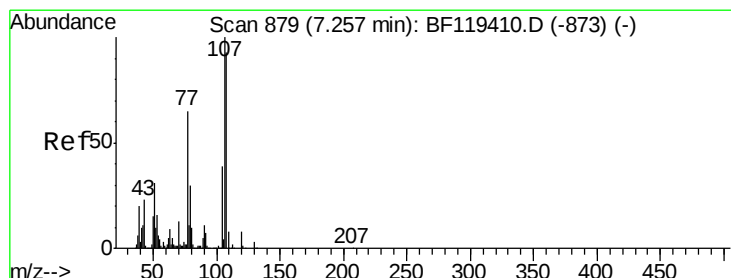
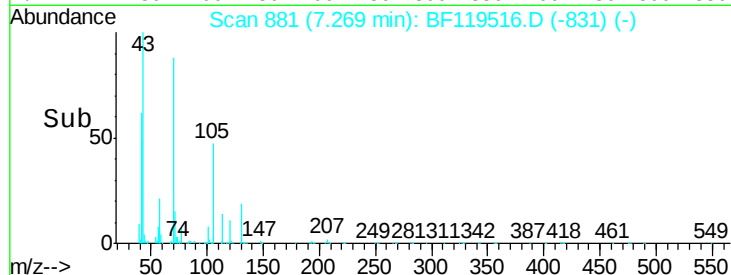
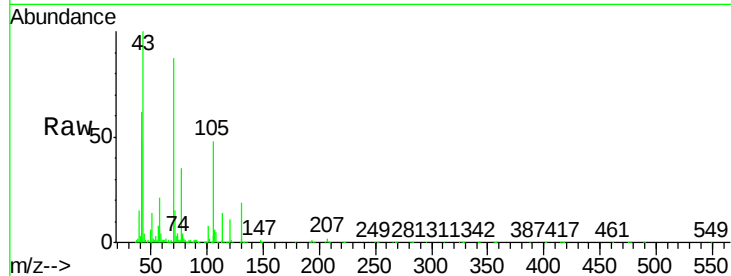
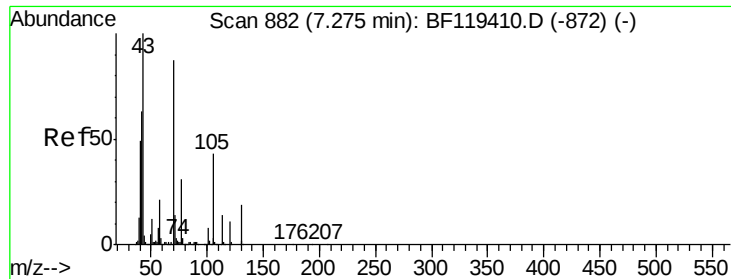
Abundance

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





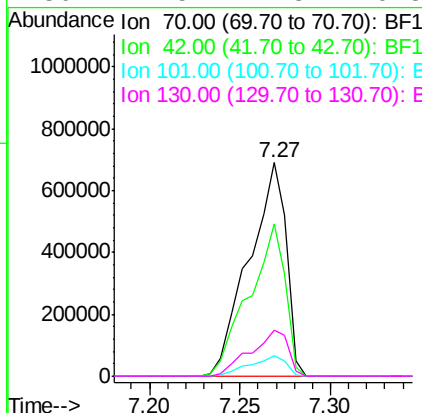
#19
n-Nitroso-di-n-propylamine
Concen: 55.416 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.1	58.2	87.4
101	9.5	7.4	11.2
130	21.5	17.8	26.8

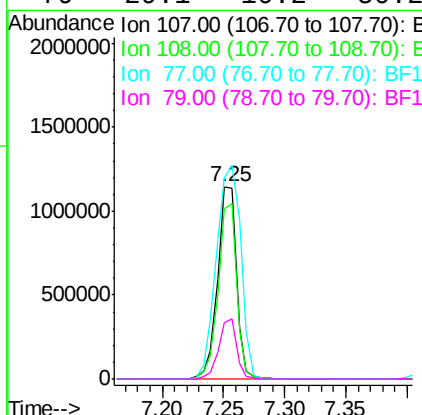
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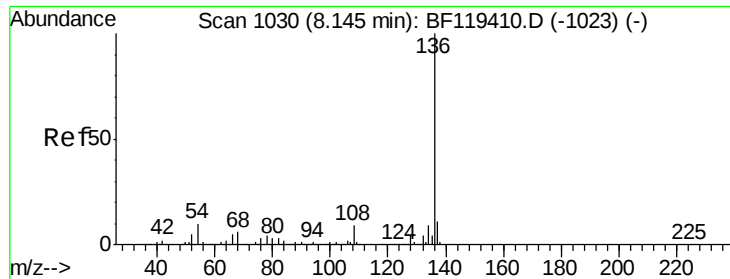
mohammad
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#20
3+4-Methylphenols
Concen: 45.327 ng m
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	72.6	112.6
77	104.6	44.7	84.7
79	29.1	10.2	50.2





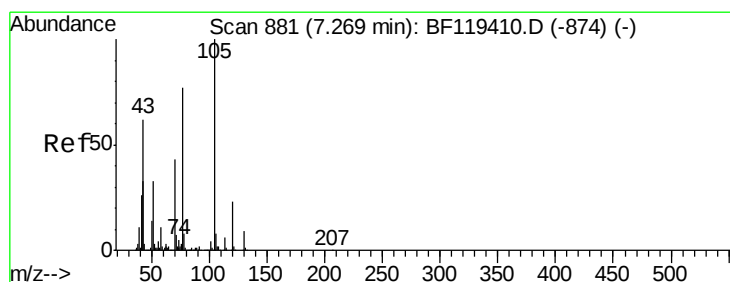
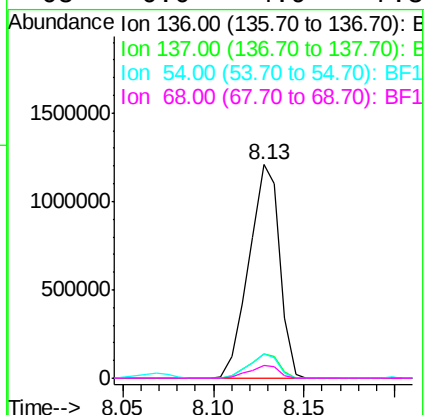
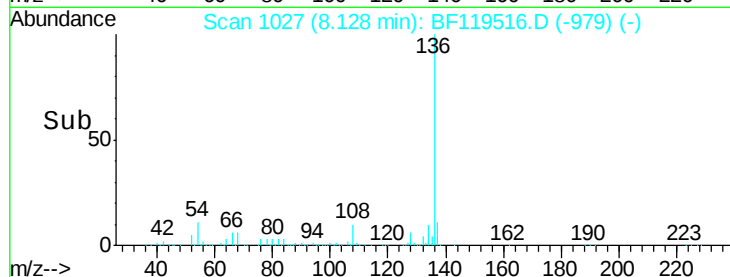
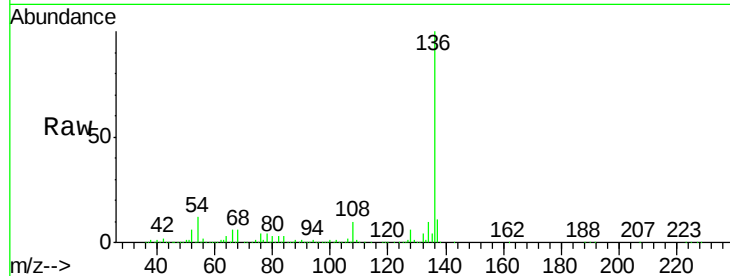
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1422586		
137	11.5	8.4	12.6		
54	11.5	8.3	12.5		
68	6.0	4.9	7.3		

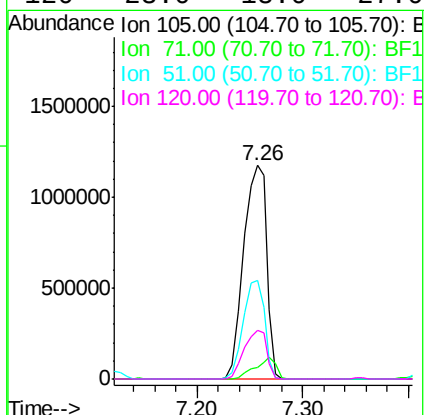
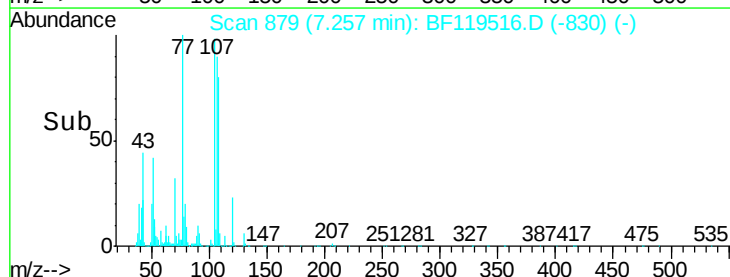
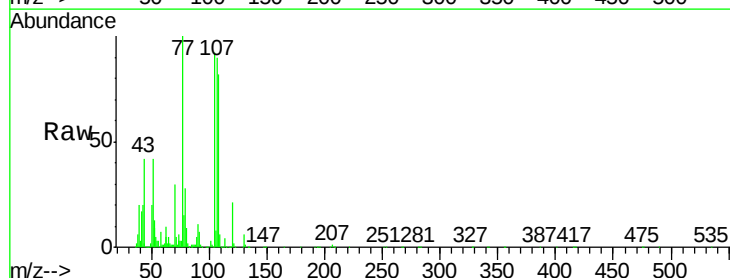
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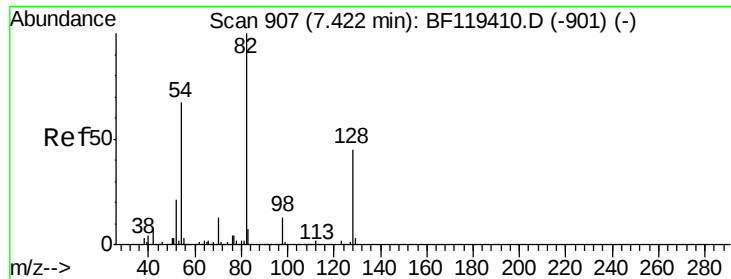
mohammad
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#22
Acetophenone
Concen: 52.281 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
71	5.4	5.8	8.6#	
51	46.0	26.8	40.2#	
120	23.0	18.0	27.0	





#23

Nitrobenzene-d5

Concen: 102.036 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MS

Tot Ion: 82 Resp: 2670847

Ion Ratio Lower Upper

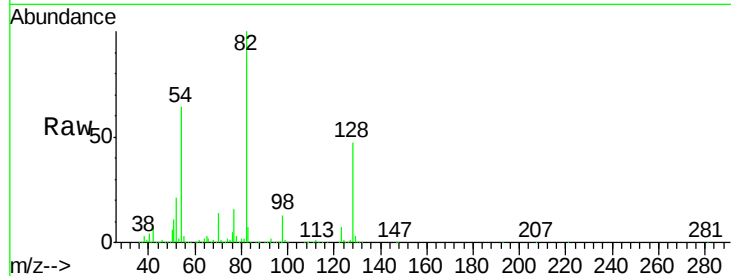
82 100

128 46.7 35.8 53.8

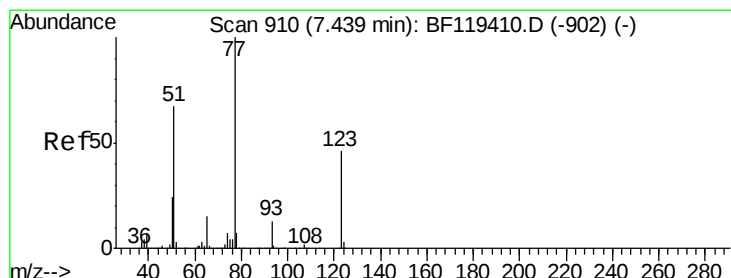
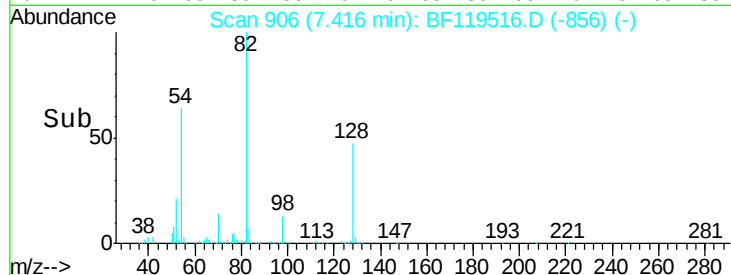
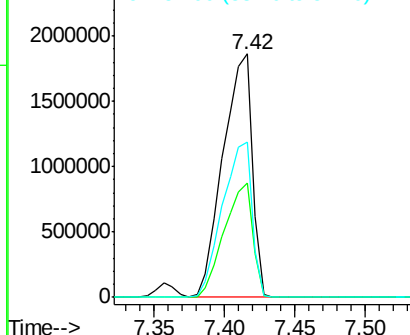
54 63.7 53.4 80.0

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



#24

Nitrobenzene

Concen: 51.274 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

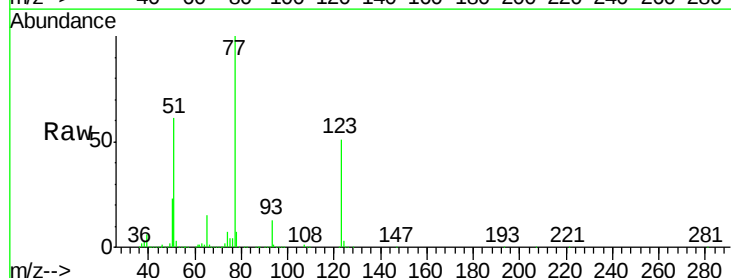
Tgt Ion: 77 Resp: 1434314

Ion Ratio Lower Upper

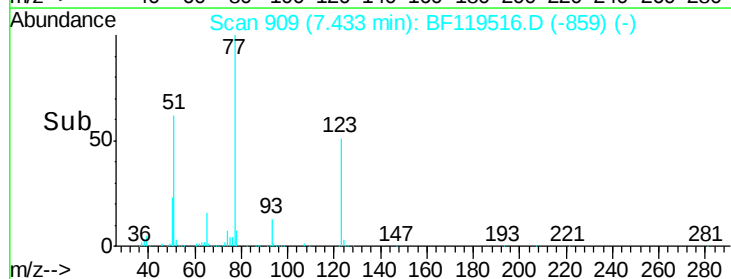
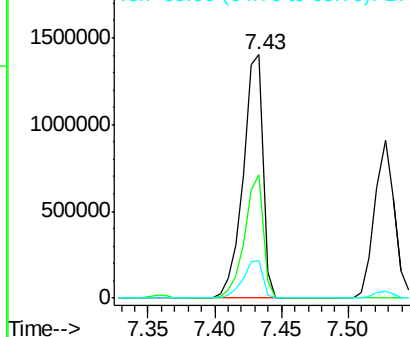
77 100

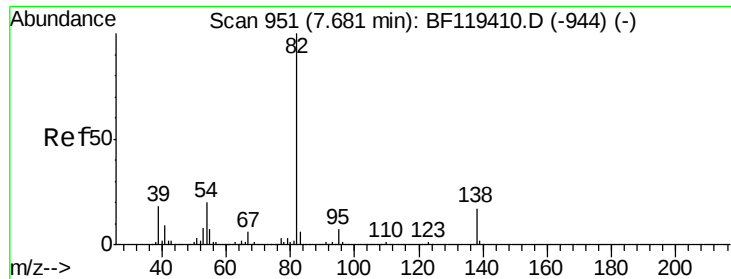
123 50.6 36.9 55.3

65 15.4 12.2 18.4



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





#25

Isophorone

Concen: 51.574 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MS

Tot Ion: 82 Resp: 2738463

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

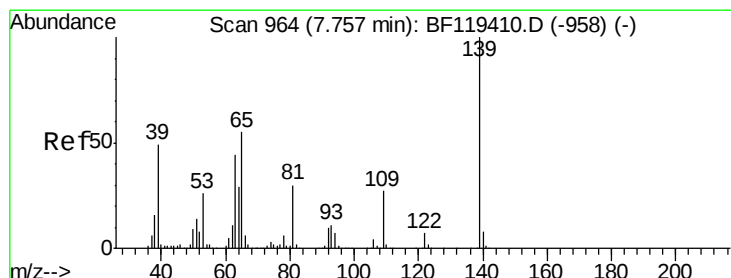
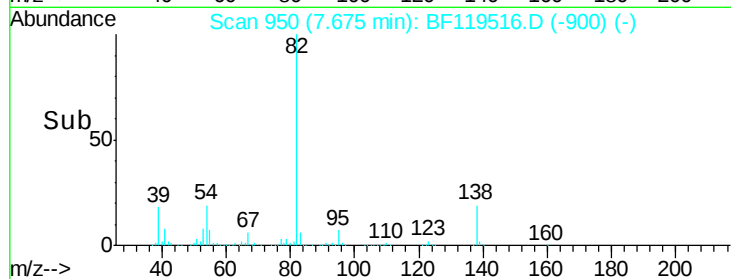
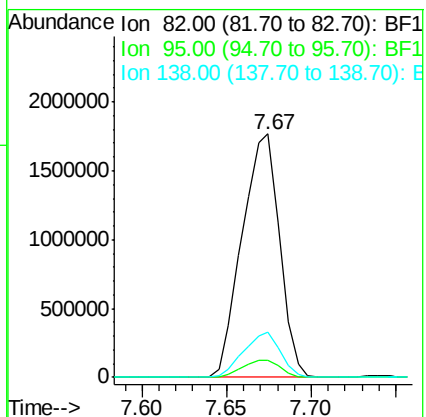
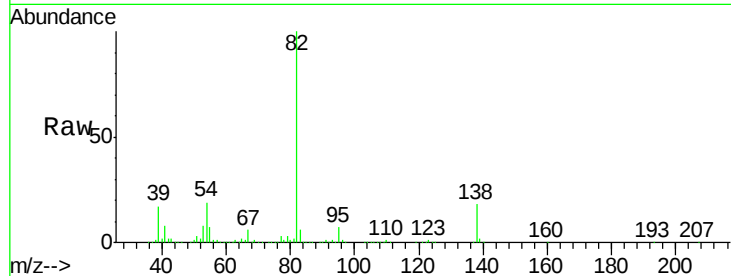
138 18.4 13.8 20.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 66.597 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

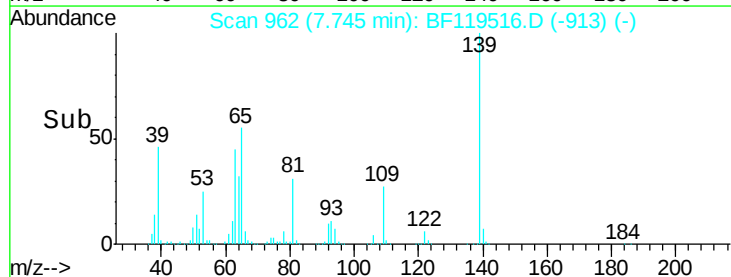
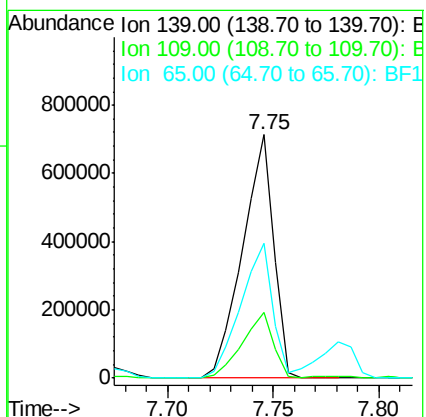
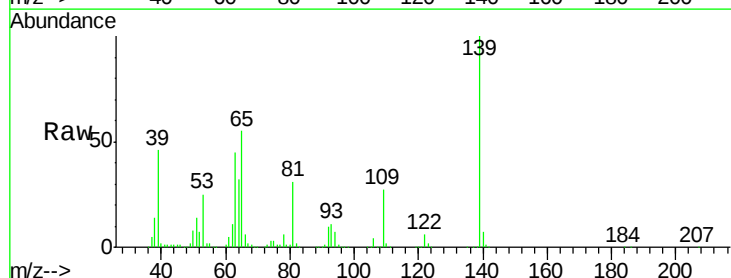
Tgt Ion: 139 Resp: 733513

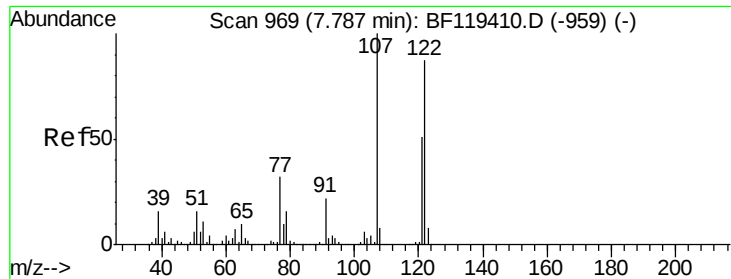
Ion Ratio Lower Upper

139 100

109 27.0 21.7 32.5

65 55.2 43.9 65.9





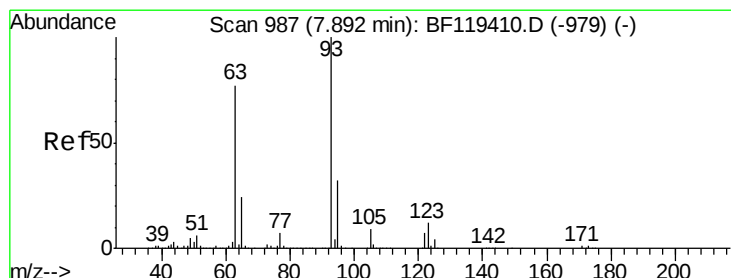
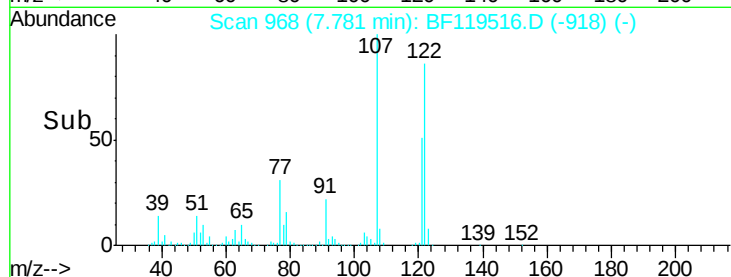
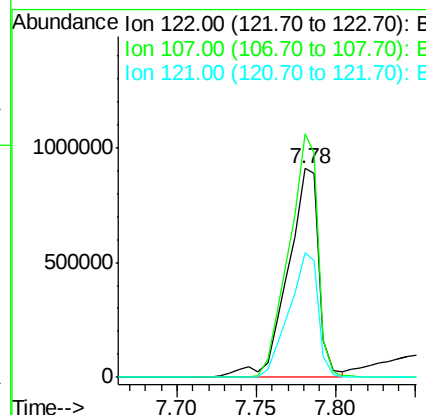
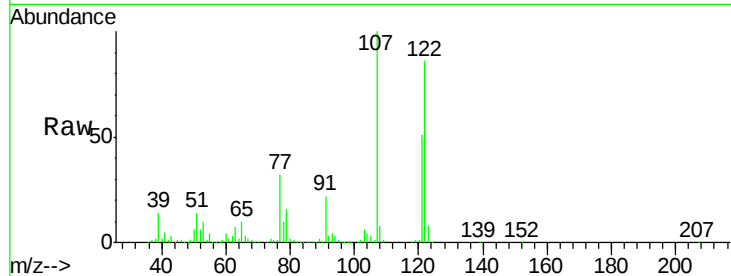
#27
 2,4-Dimethylphenol
 Concen: 54.067 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.8	91.8	137.6
121	59.5	46.5	69.7

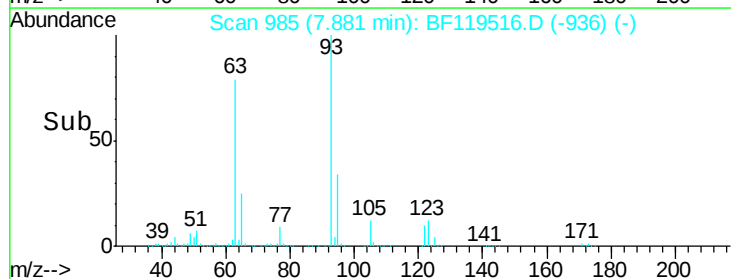
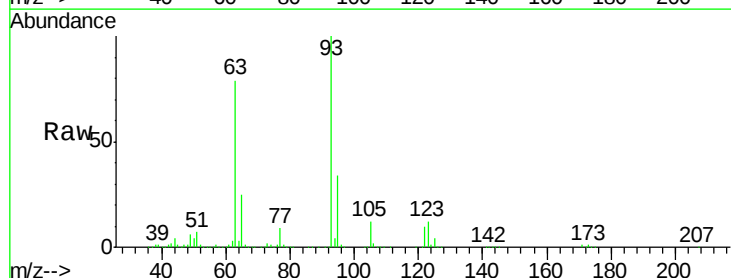
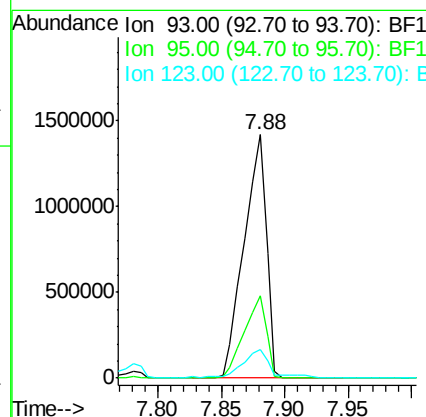
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#28
 bis(2-Chloroethoxy)methane
 Concen: 55.165 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.0	39.0
123	11.8	9.7	14.5





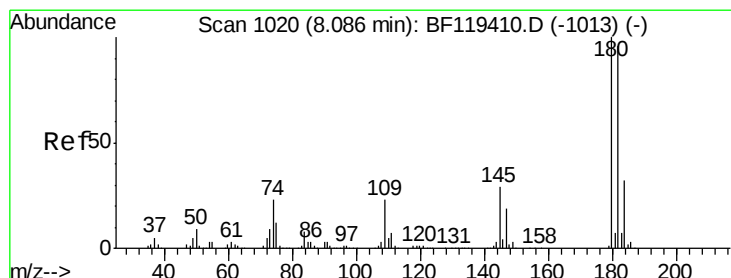
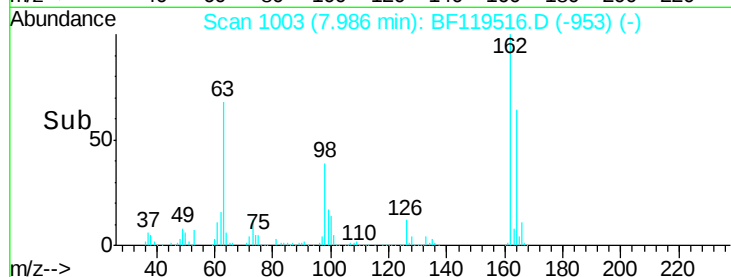
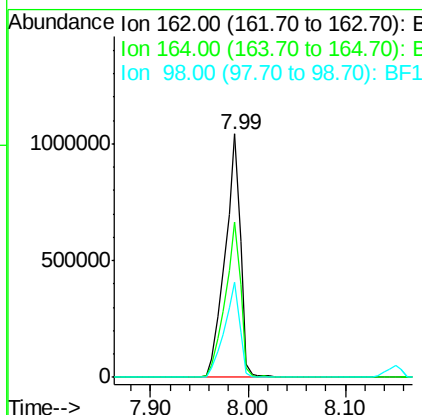
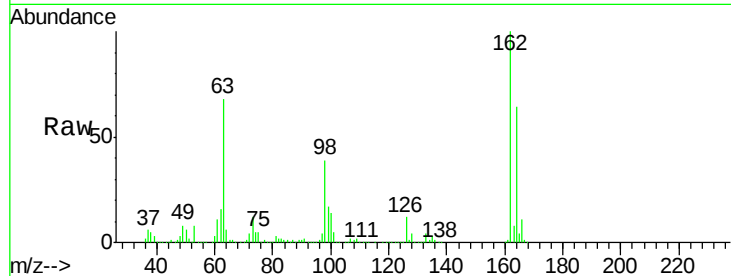
#29
2,4-Dichlorophenol
Concen: 54.435 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.6	83.6
98	39.2	20.4	60.4

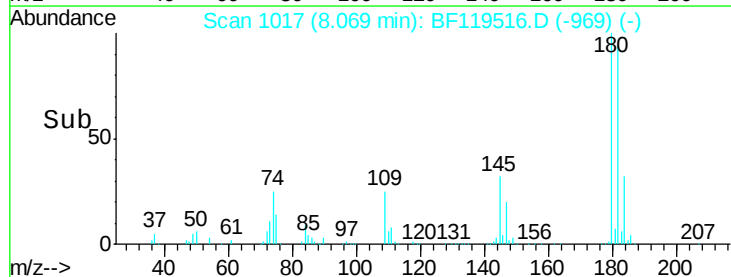
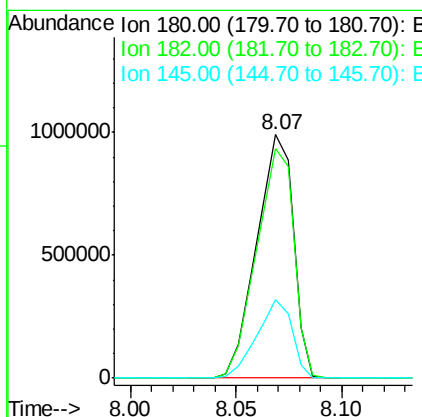
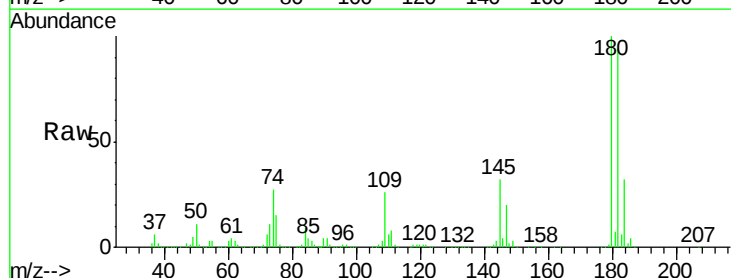
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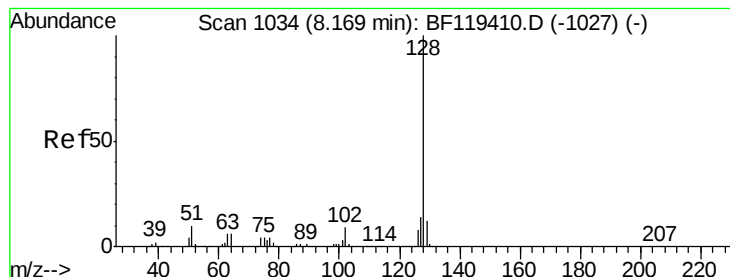
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#30
1,2,4-Trichlorobenzene
Concen: 51.928 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.6	115.0
145	32.1	23.2	34.8





#31

Naphthalene

Concen: 50.220 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MS

Tot Ion:128 Resp: 3676529

Ion Ratio Lower Upper

128 100

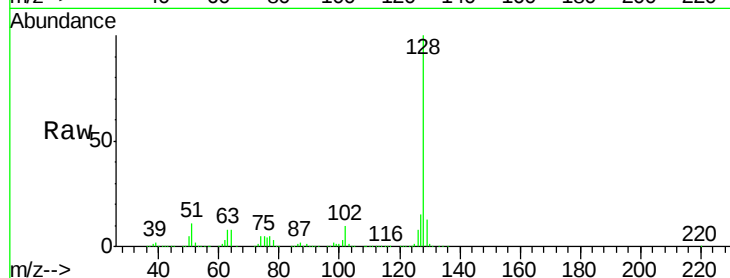
129 12.5 9.3 13.9

127 14.7 11.0 16.4

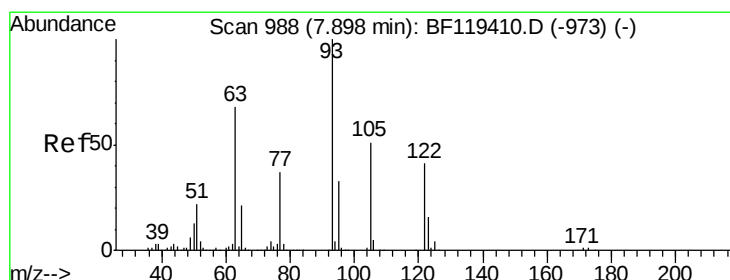
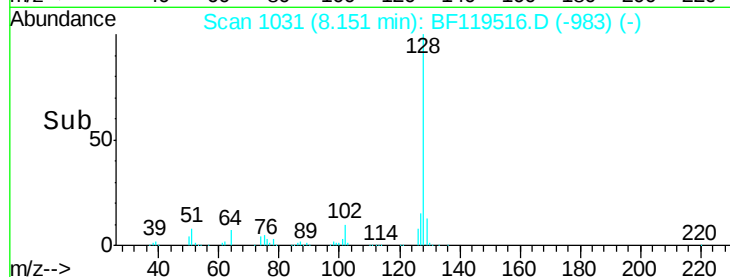
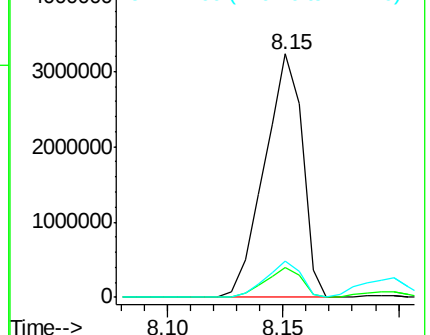
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 59.430 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.02 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

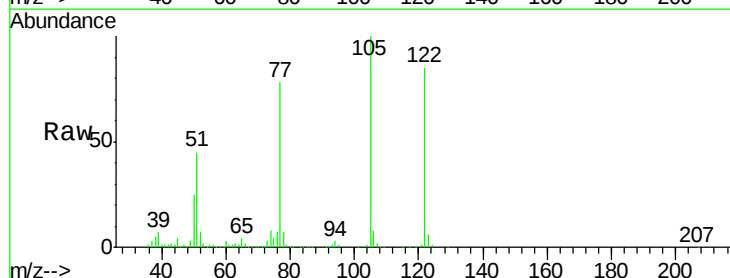
Tgt Ion:122 Resp: 870655

Ion Ratio Lower Upper

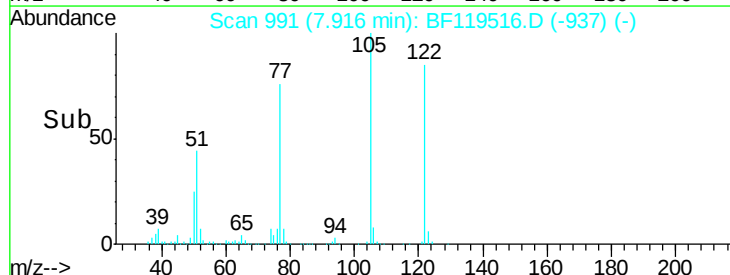
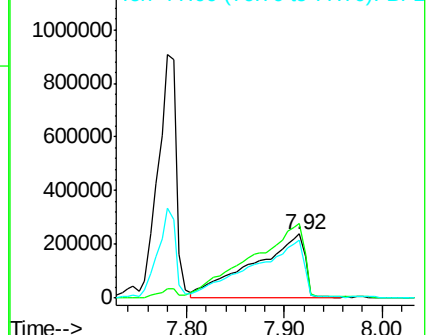
122 100

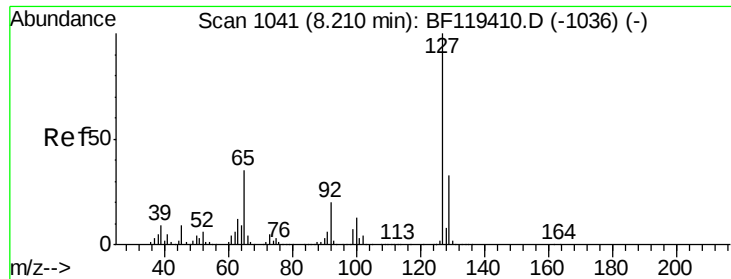
105 117.2 102.9 142.9

77 91.1 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





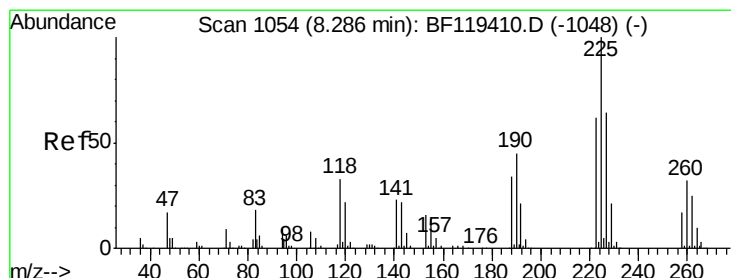
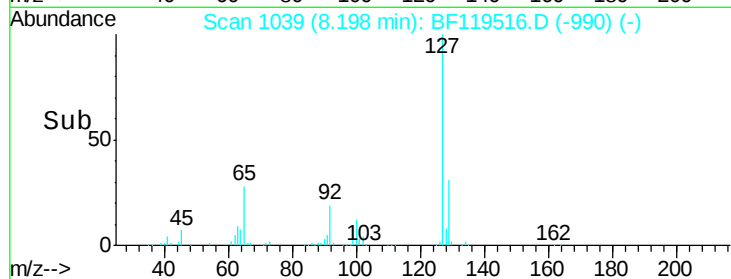
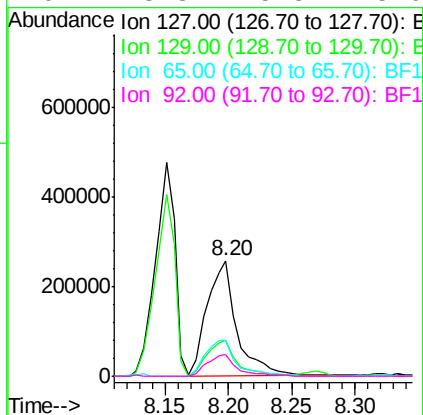
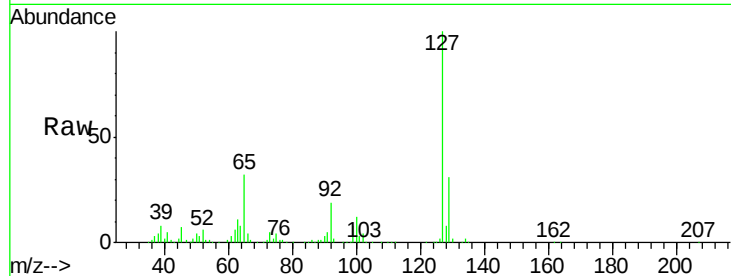
#33
4-Chloroaniline
Concen: 12.457 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		417870		
129	31.0	26.2	39.4		
65	31.6	27.7	41.5		
92	18.8	15.8	23.6		

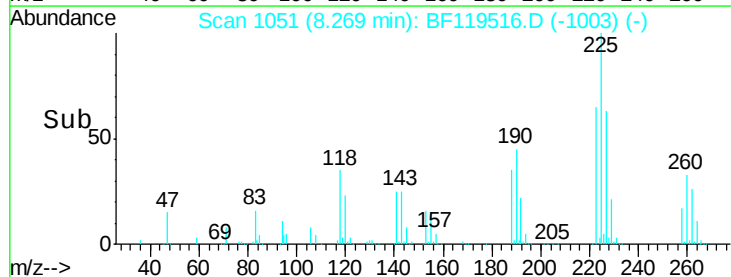
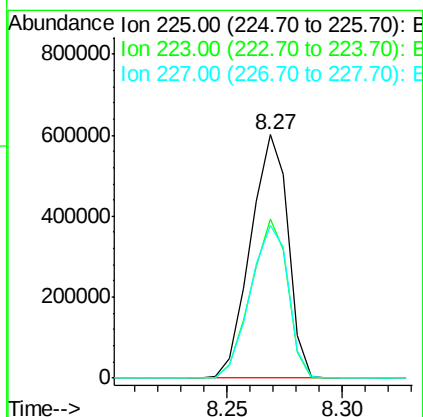
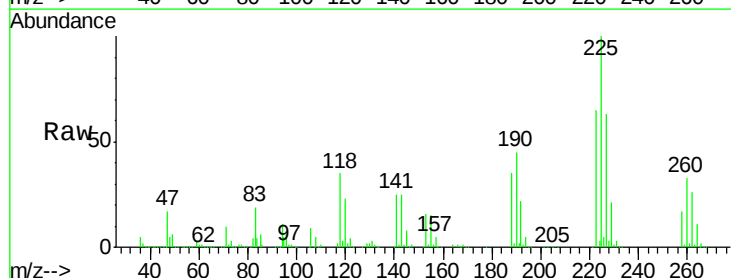
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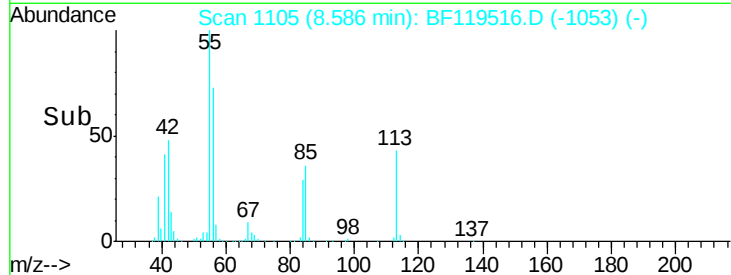
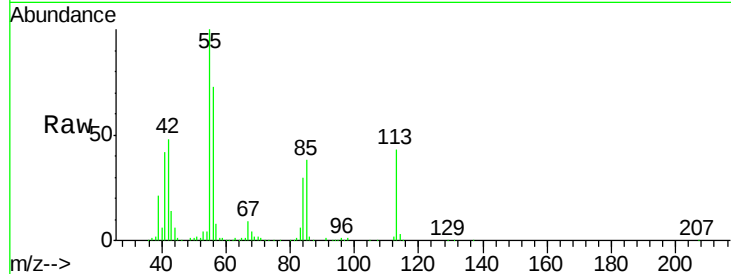
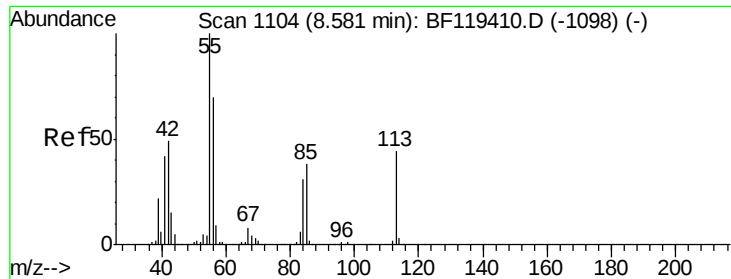
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#34
Hexachlorobutadiene
Concen: 52.568 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		680675		
223	65.2	49.2	73.8		
227	62.9	51.1	76.7		





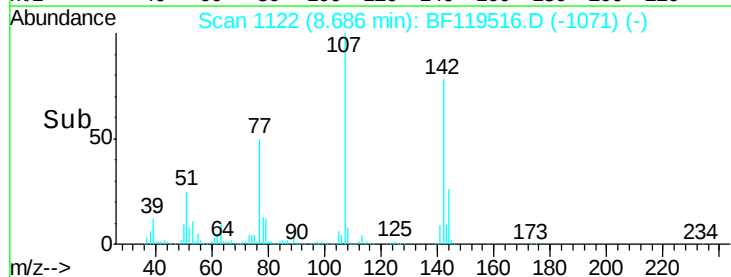
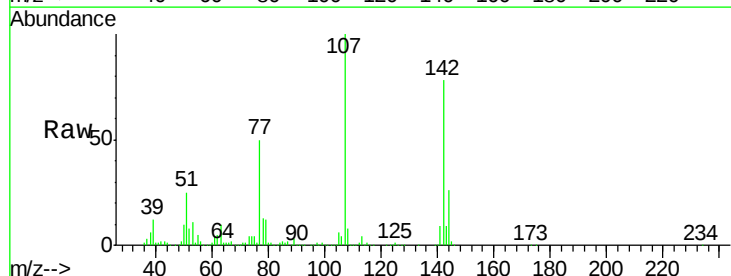
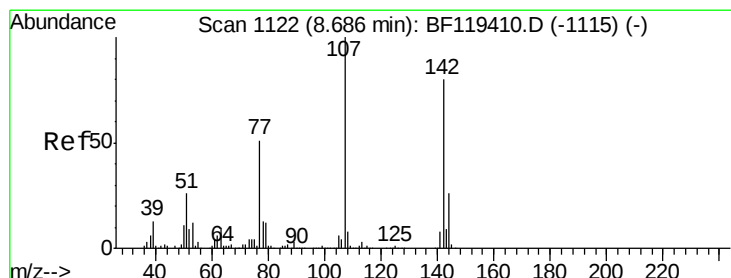
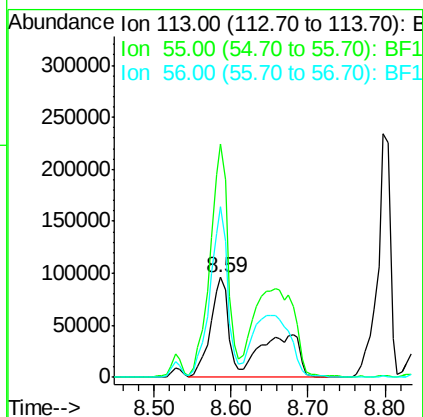
#35
Caprolactam
Concen: 44.414 ng/ml
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tot Ion	Ratio	Lower	Upper
113	100		
55	233.7	208.4	248.4
56	170.5	138.9	178.9

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

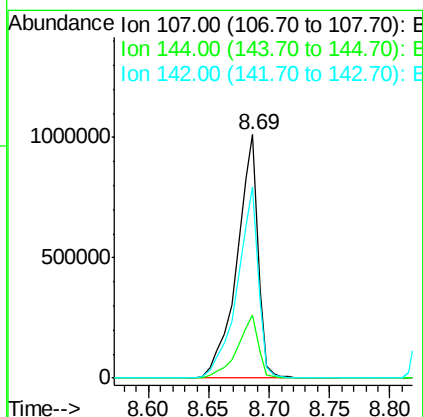
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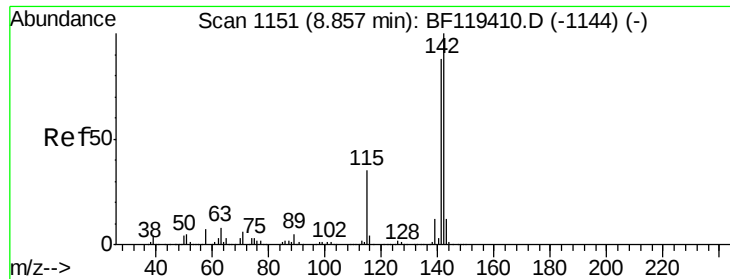
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#36
4-Chloro-3-methylphenol
Concen: 54.047 ng/ml
RT: 8.69 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.6	31.0
142	78.5	63.8	95.6





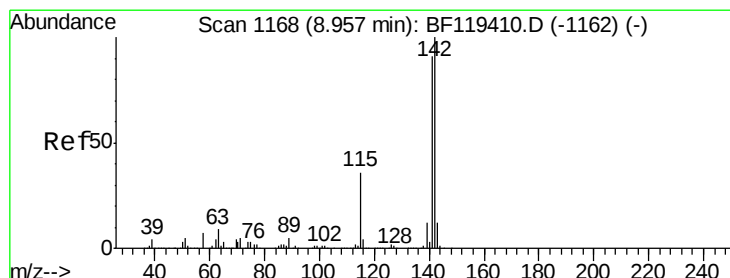
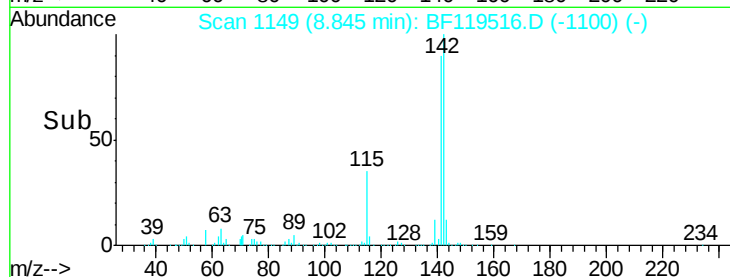
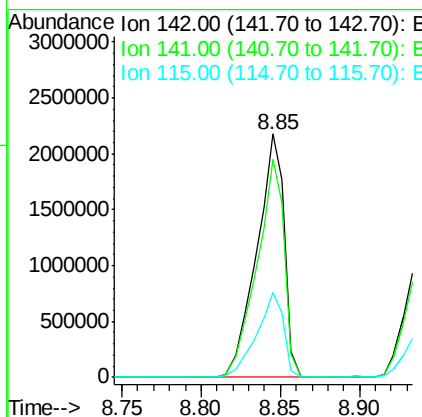
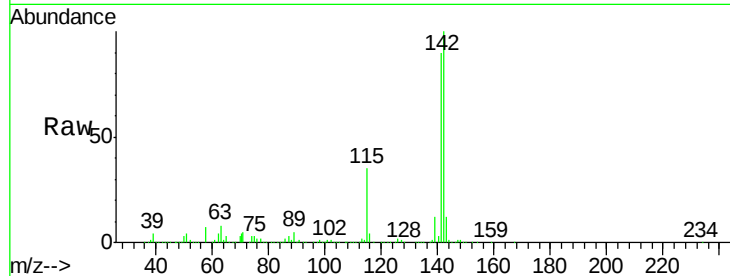
#37
2-Methylnaphthalene
Concen: 54.964 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.4	105.6
115	35.1	27.8	41.6

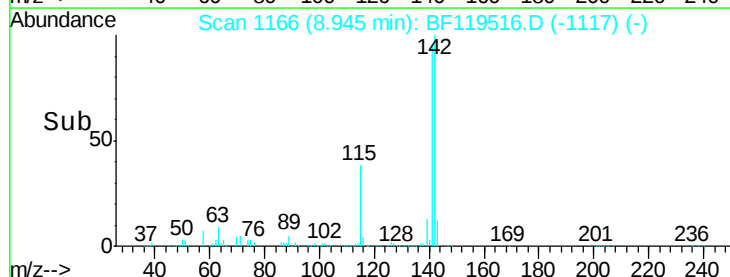
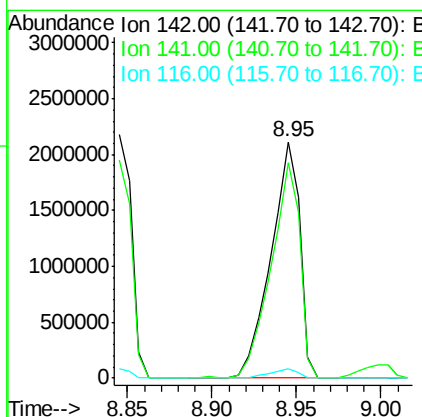
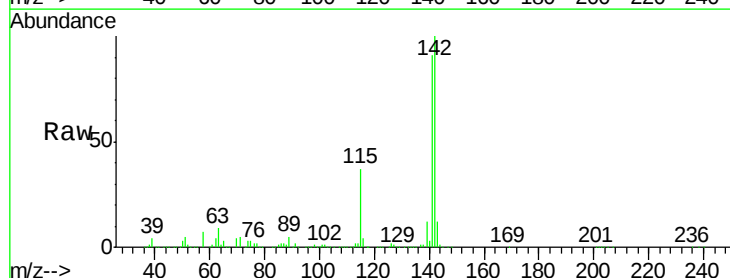
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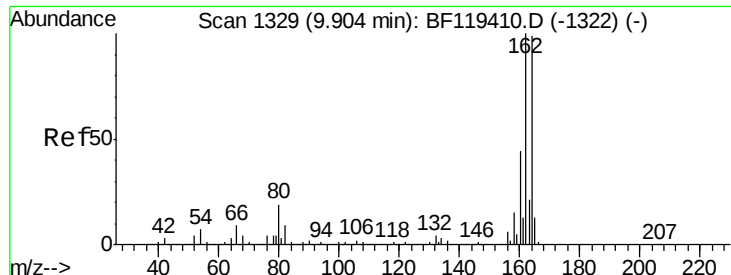
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#38
1-Methylnaphthalene
Concen: 55.098 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.1	109.7
116	3.9	3.0	4.6





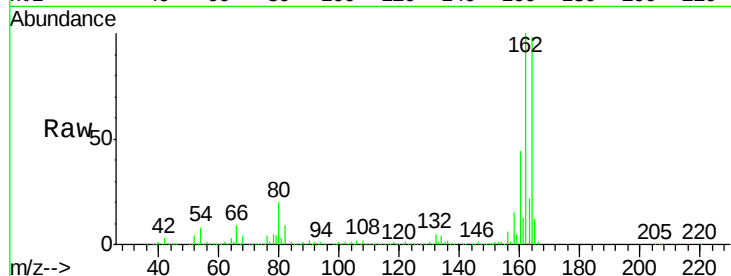
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.7	121.1
160	45.4	35.5	53.3

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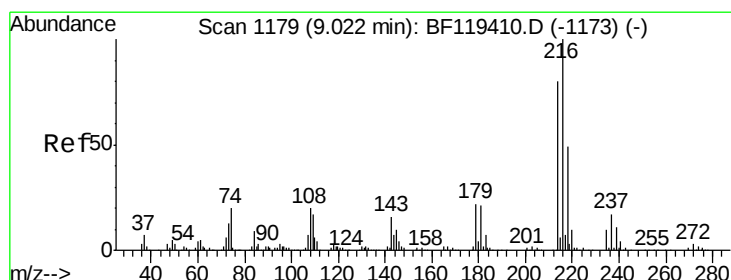
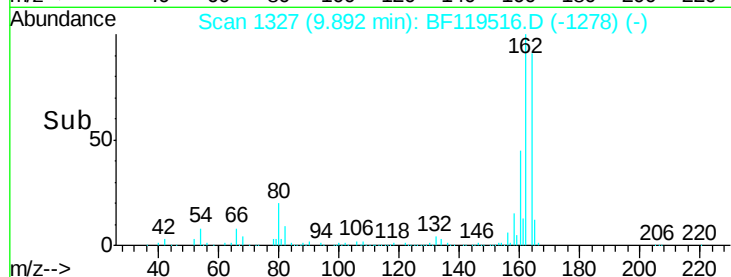
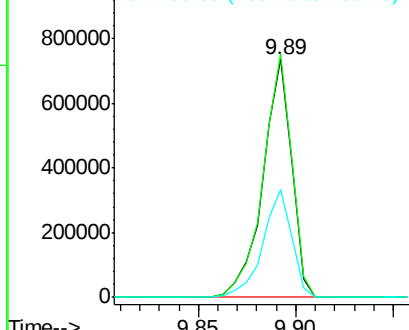


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.599 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.6
179	21.6	17.0	25.4
108	21.1	15.4	23.0

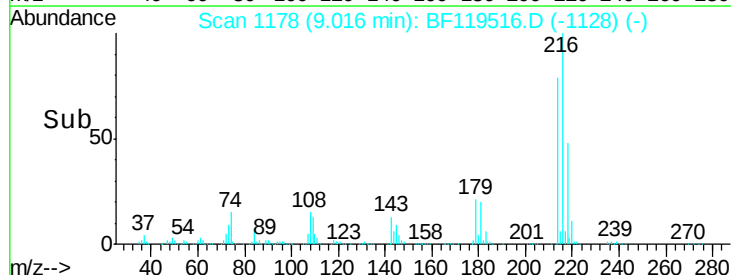
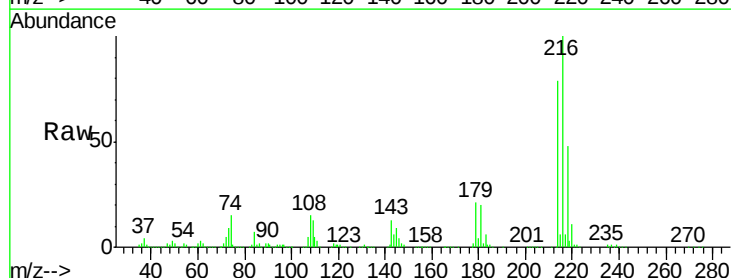
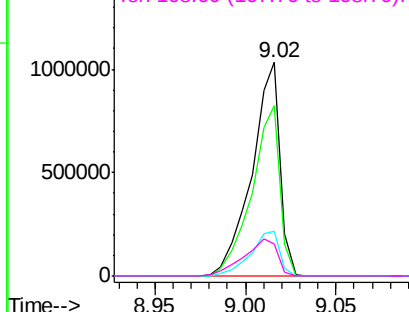
Abundance

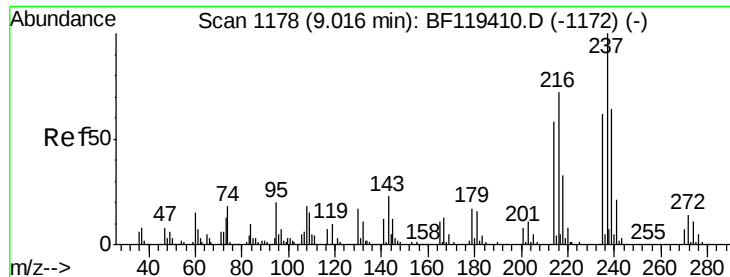
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





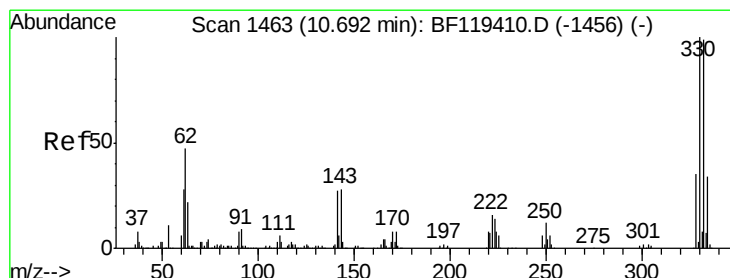
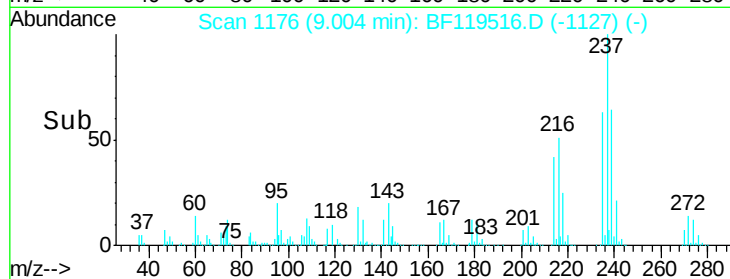
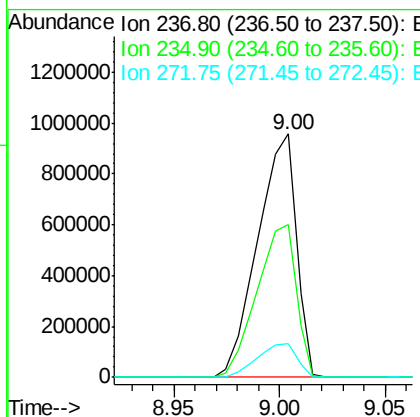
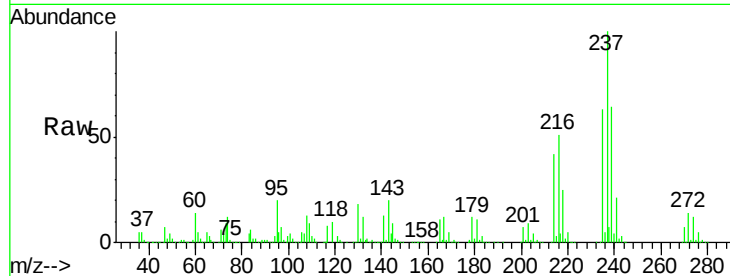
#41
 Hexachlorocyclopentadiene
 Concen: 97.230 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MS

Tot Ion:	237	Resp:	1217578
Ion	Ratio	Lower	Upper
237	100		
235	62.9	42.5	82.5
272	14.1	0.0	34.3

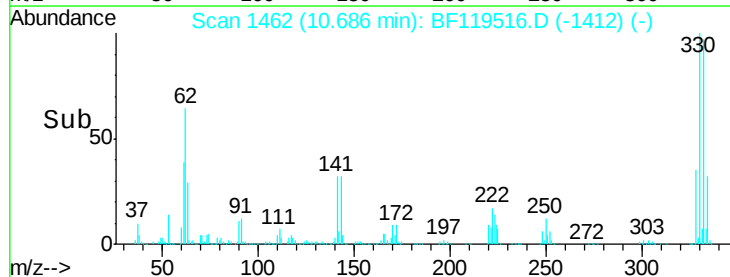
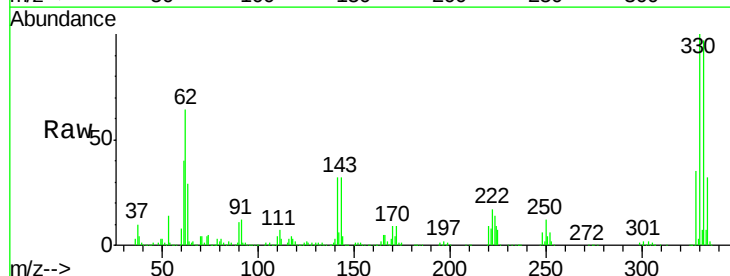
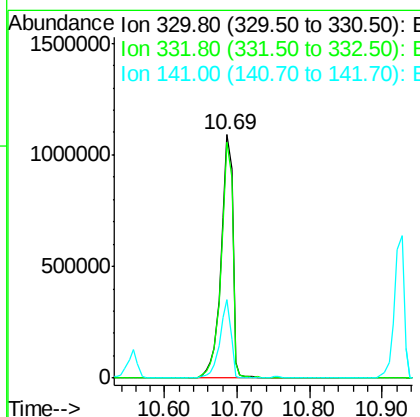
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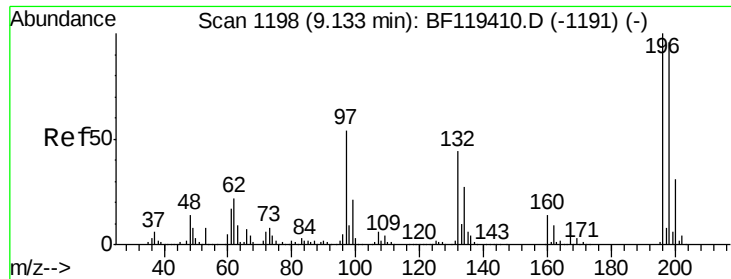
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#42
 2,4,6-Tribromophenol
 Concen: 158.596 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Tgt Ion:	330	Resp:	1229591
Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.6	116.4
141	30.7	26.6	40.0





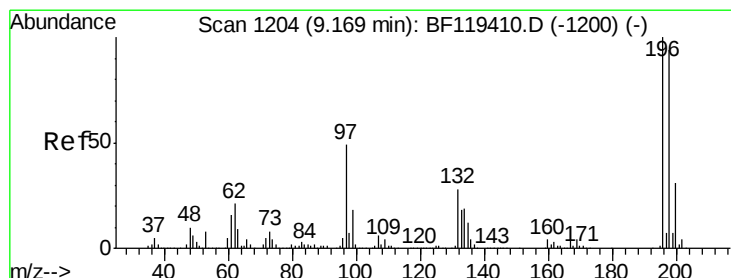
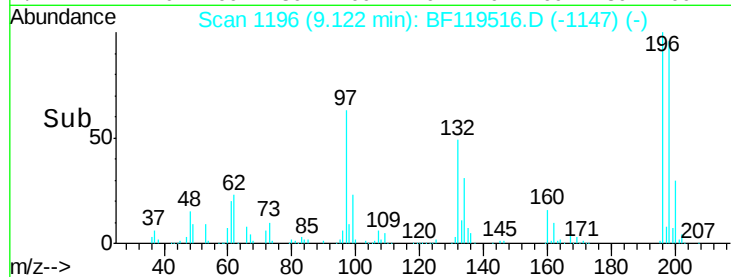
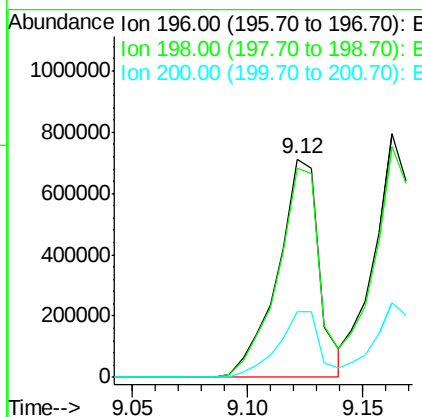
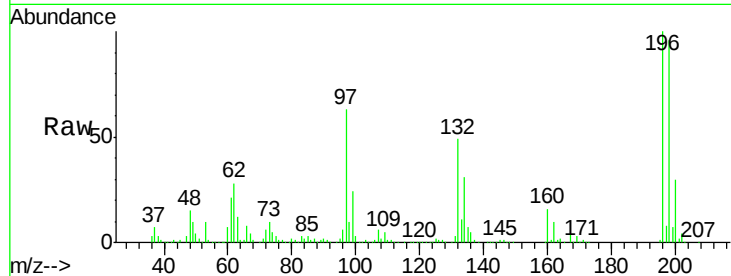
#43
 2,4,6-Trichlorophenol
 Concen: 56.531 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	891104		
198	95.9	77.0	115.4	
200	30.0	25.1	37.7	

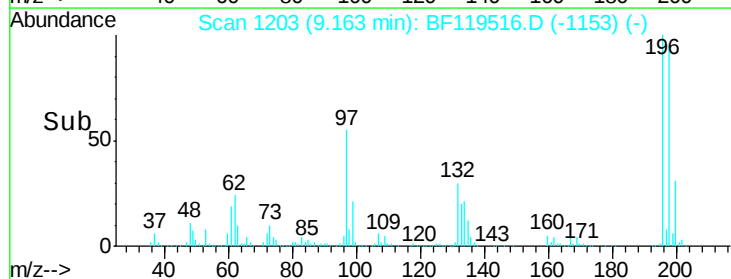
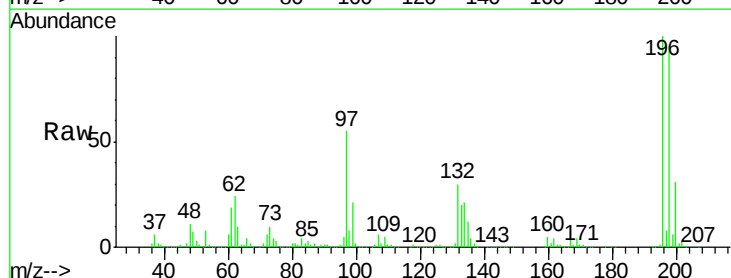
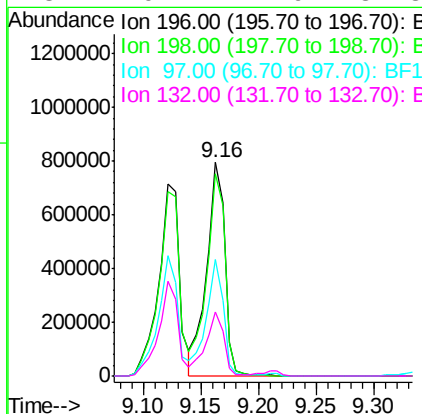
Manual Integrations
 APPROVED

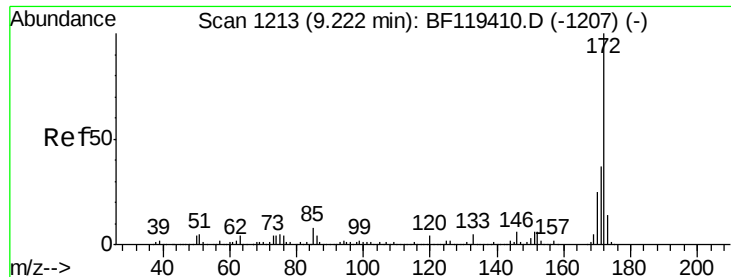
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 49.679 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	877250		
198	94.8	75.3	112.9	
97	54.6	39.0	58.4	
132	29.7	22.9	34.3	





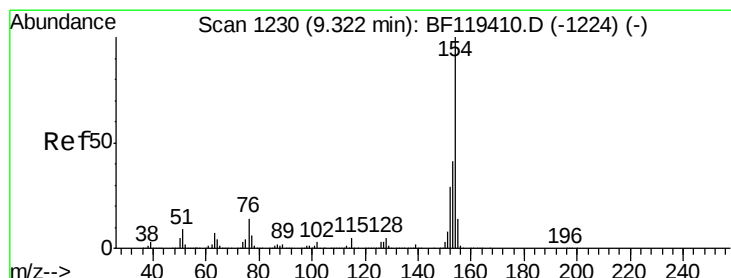
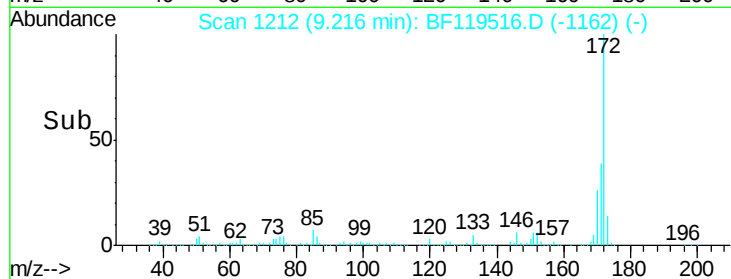
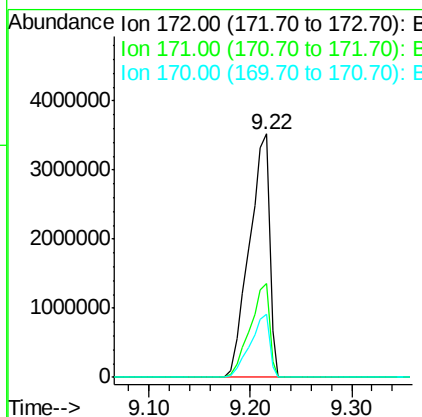
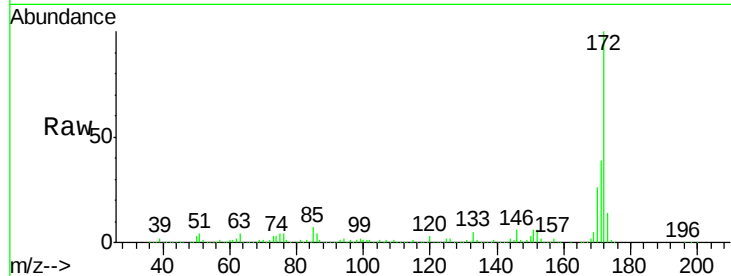
#45
2-Fluorobiphenyl
Concen: 95.725 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	29.9	44.9
170	26.2	20.1	30.1

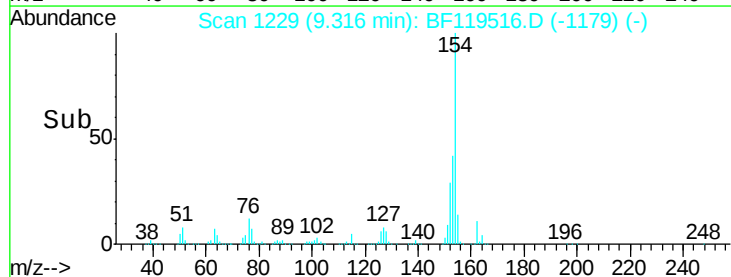
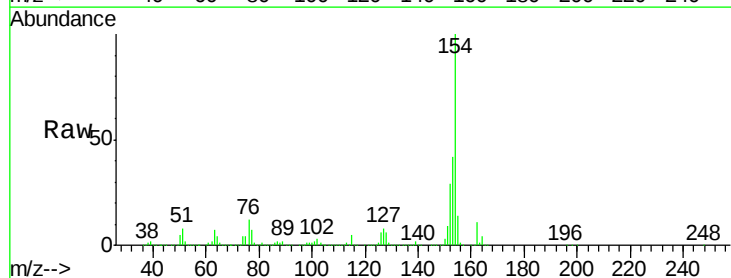
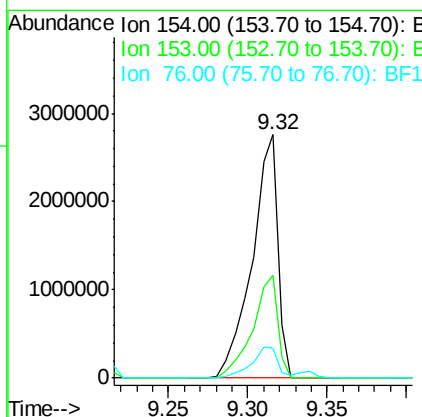
Manual Integrations
APPROVED

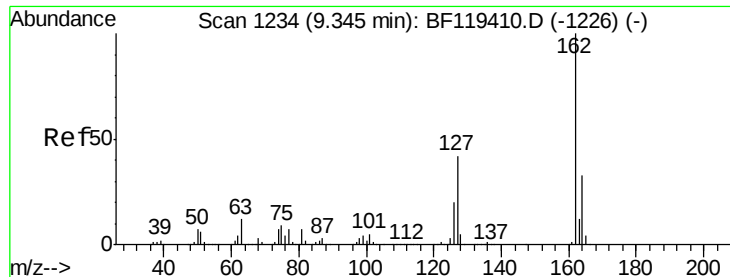
mohammad
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#46
1,1'-Biphenyl
Concen: 50.918 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	21.4	61.4
76	12.4	0.0	33.6





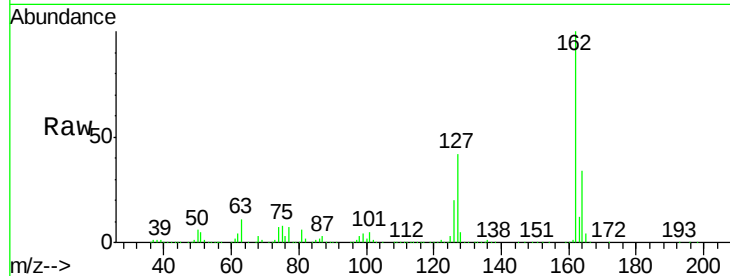
#47
2-Chloronaphthalene
Concen: 50.528 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tot Ion	Ion	Ratio	Lower	Upper
162	100			
127	41.6	33.7	50.5	
164	33.6	26.2	39.4	

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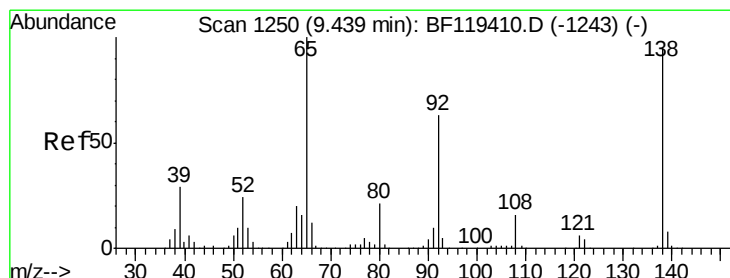
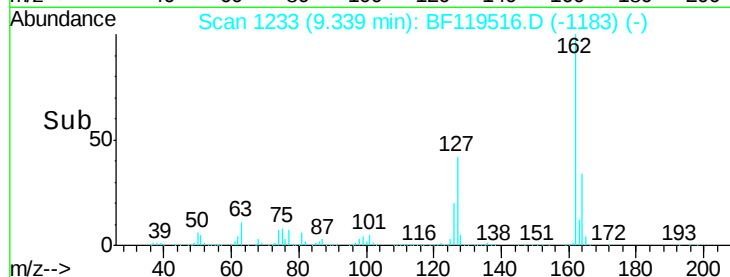
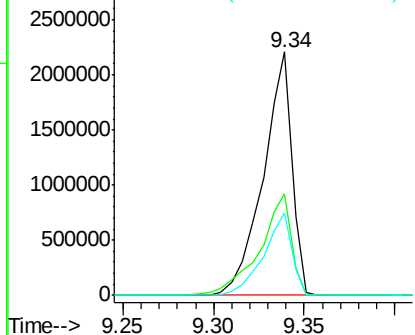


Abundance

Ion 162.00 (161.70 to 162.70): E

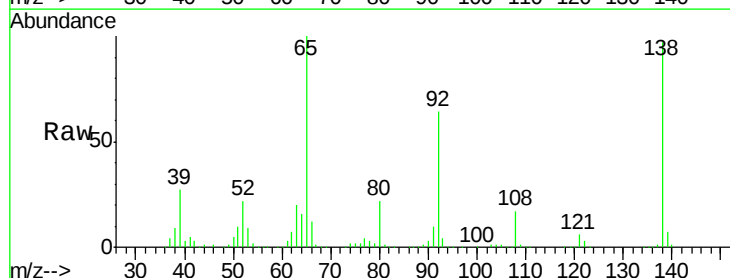
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 54.650 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
92	64.1	50.5	75.7	
138	97.4	75.8	113.8	

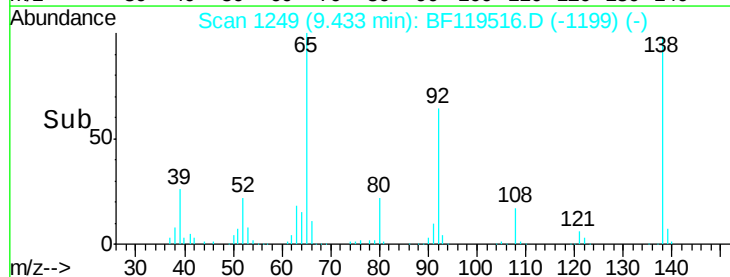
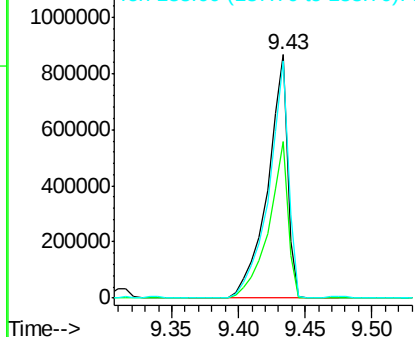


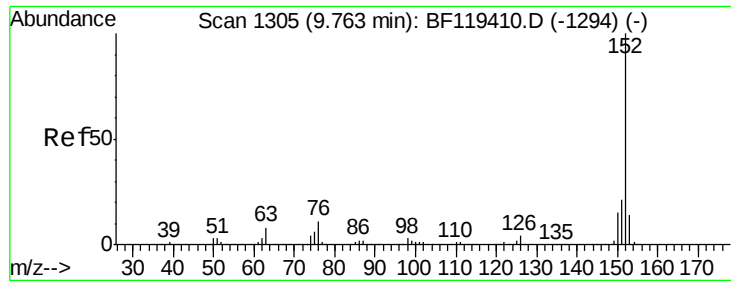
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 49.732 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MS

Tot Ion:152 Resp: 3744223

Ion Ratio Lower Upper

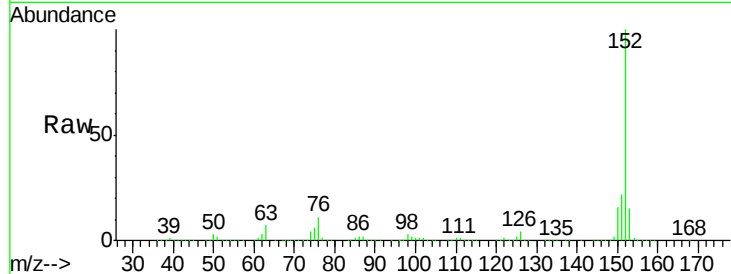
152 100

151 22.1 16.8 25.2

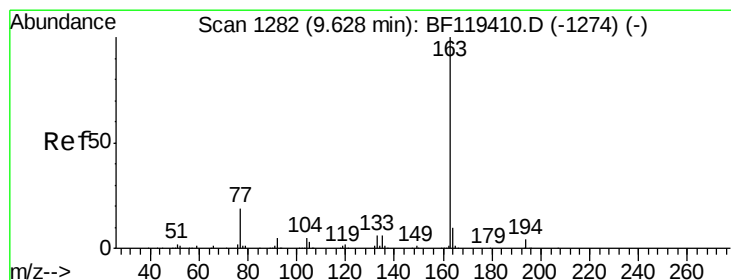
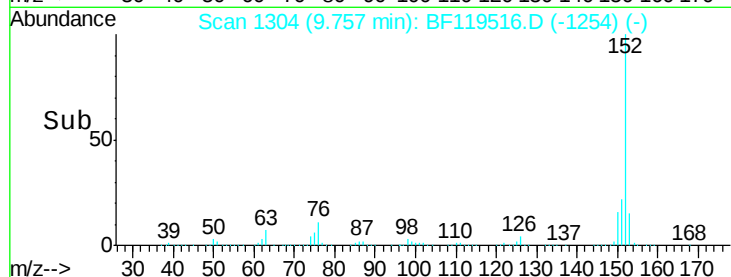
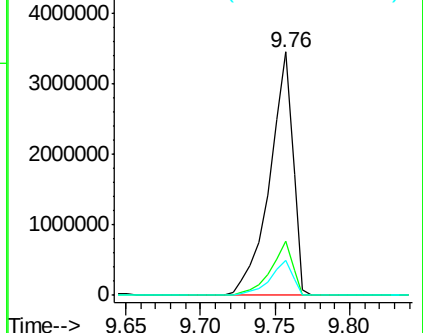
153 14.6 11.2 16.8

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 58.649 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

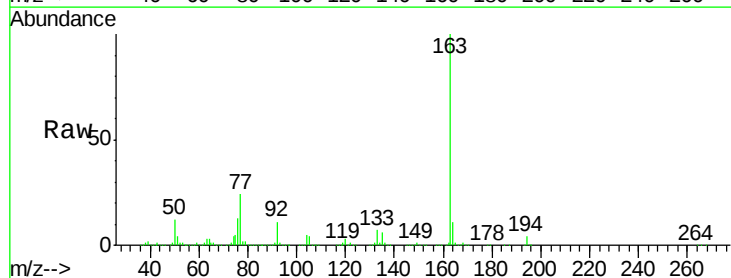
Tgt Ion:163 Resp: 3130626

Ion Ratio Lower Upper

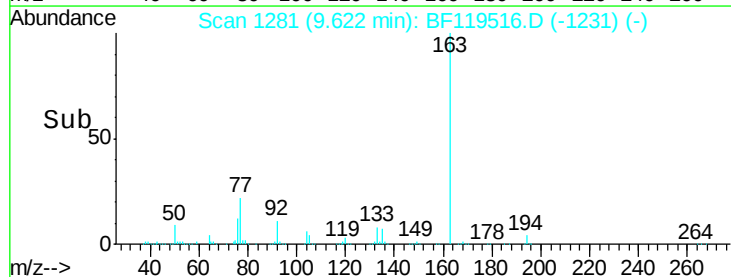
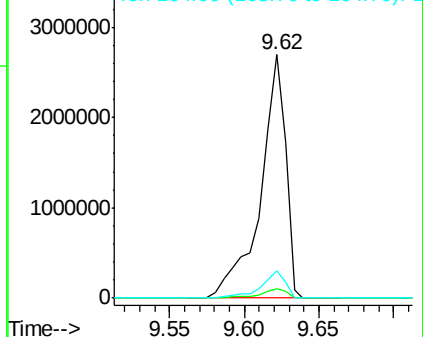
163 100

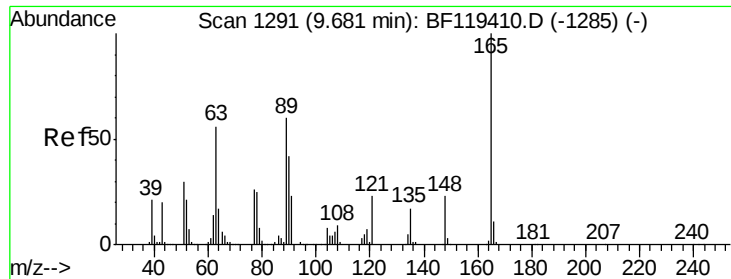
194 4.1 3.2 4.8

164 11.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





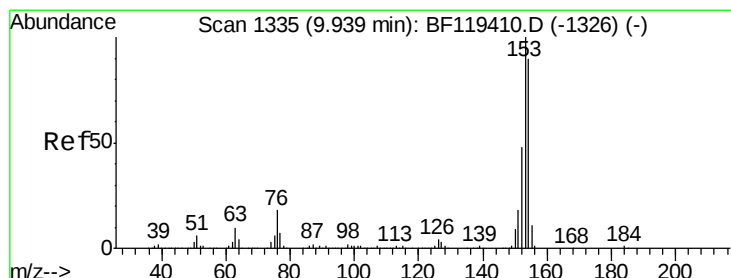
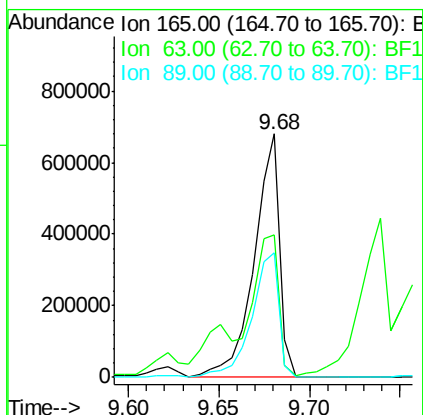
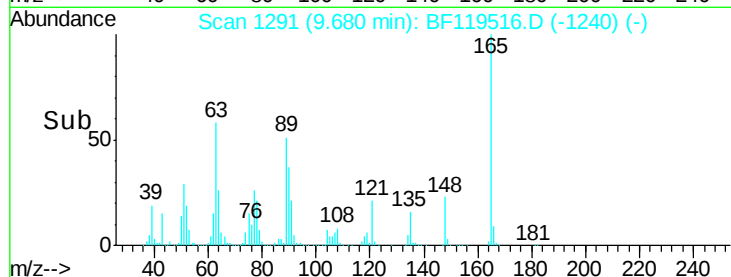
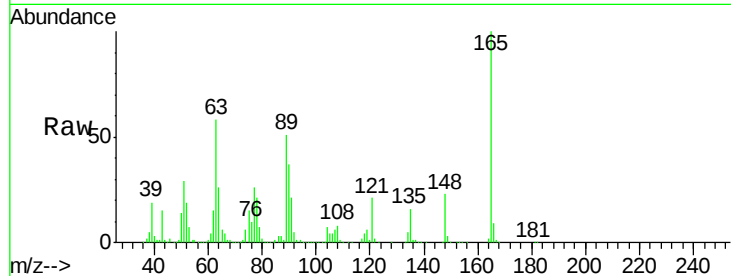
#51
 2,6-Dinitrotoluene
 Concen: 57.980 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.3	57.3	85.9
89	51.1	47.8	71.8

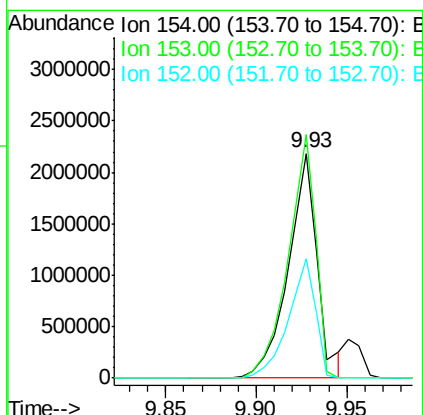
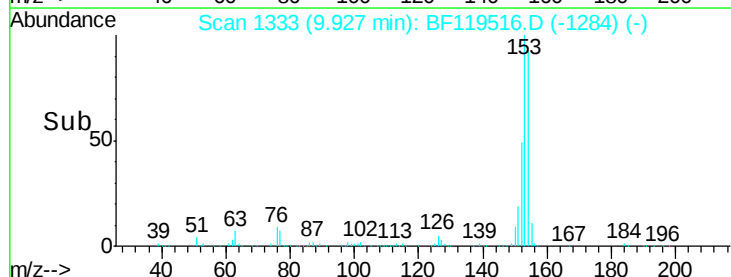
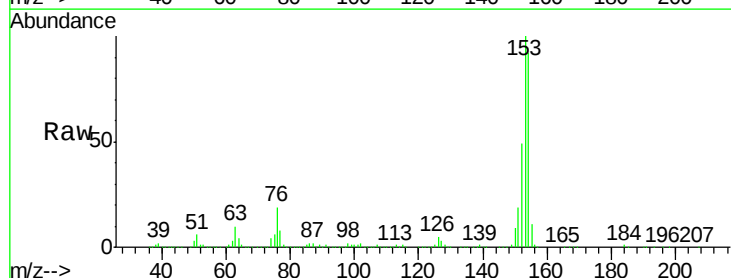
Manual Integrations
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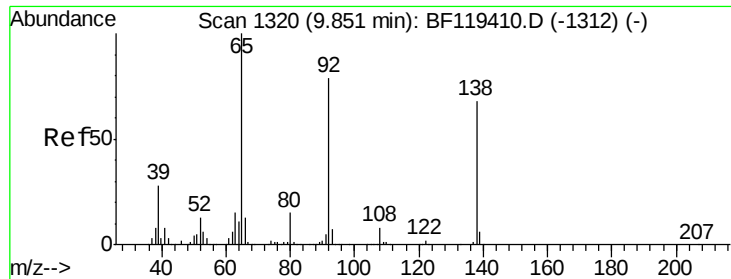
mohammad
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#52
 Acenaphthene
 Concen: 52.040 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	108.5	89.0	133.6
152	53.3	43.1	64.7





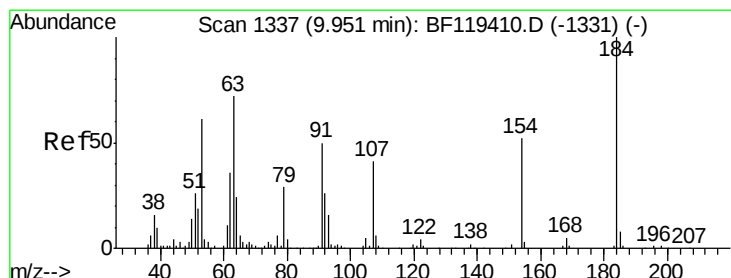
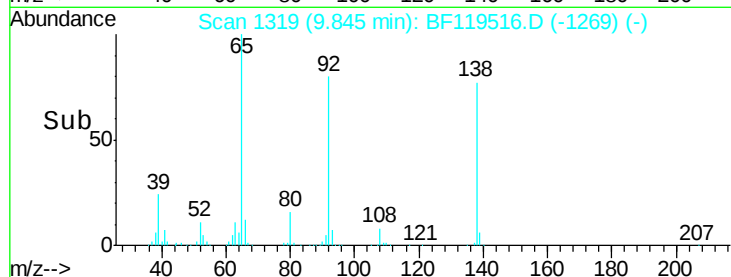
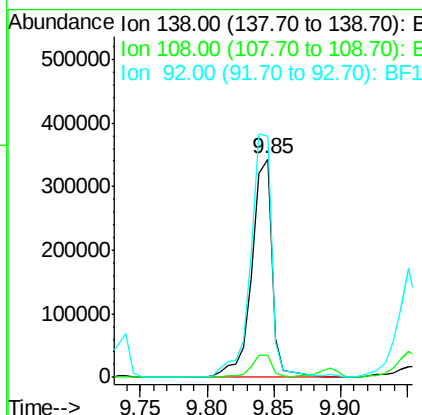
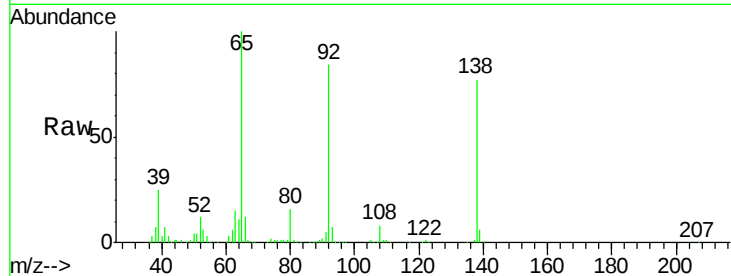
#53
3-Nitroaniline
Concen: 24.824 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.4	9.0	13.6	
92	110.0	93.2	139.8	

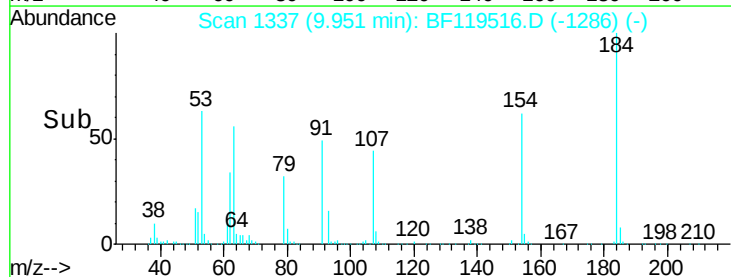
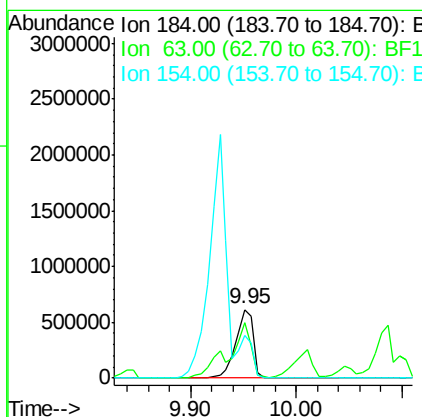
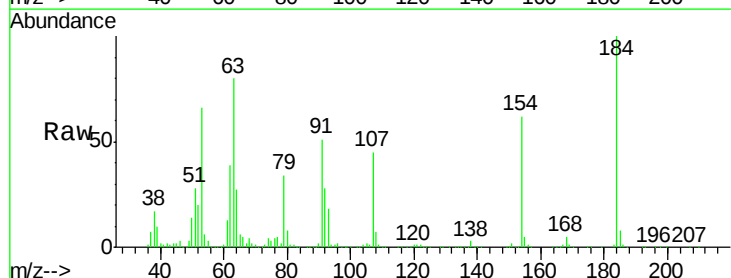
Manual Integrations
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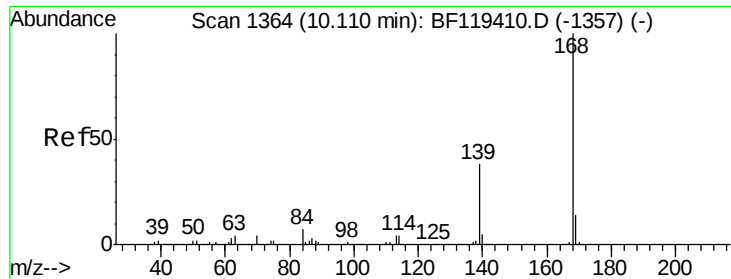
mohammad
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#54
2,4-Dinitrophenol
Concen: 134.653 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	79.9	58.5	87.7	
154	62.0	51.8	77.6	





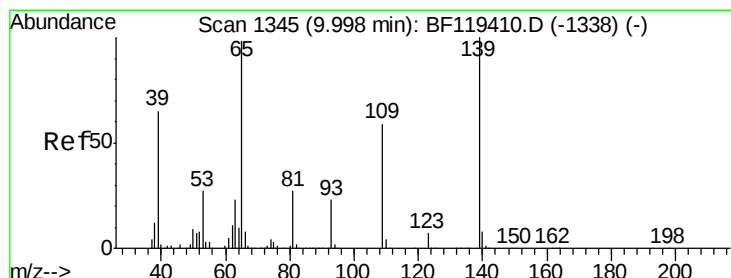
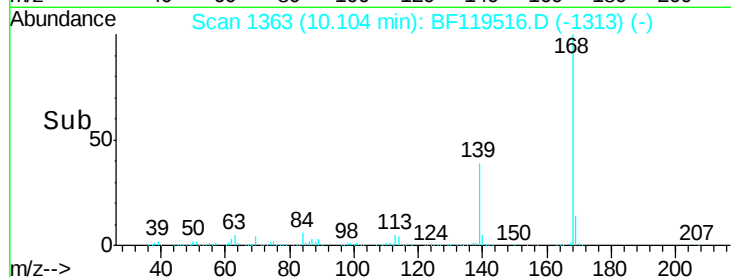
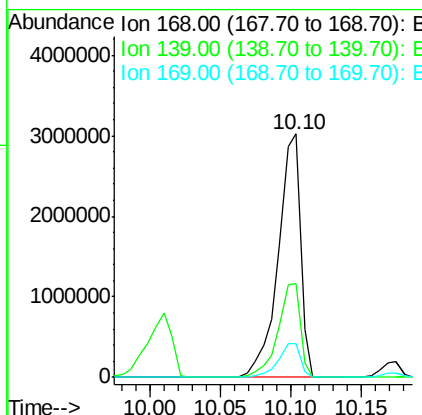
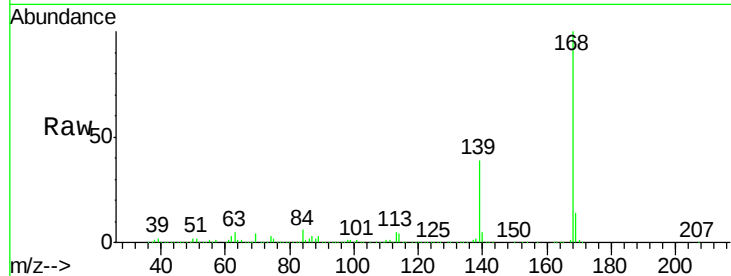
#55
Dibenzofuran
Concen: 49.898 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.2	45.4
169	14.1	11.1	16.7

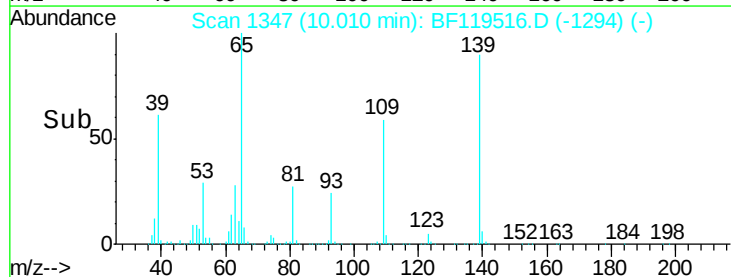
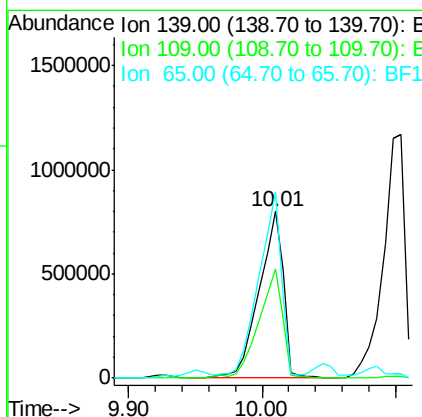
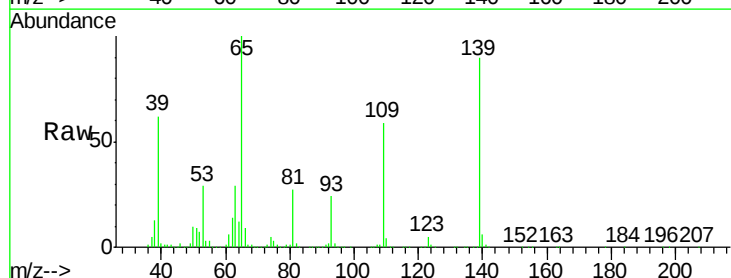
Manual Integrations
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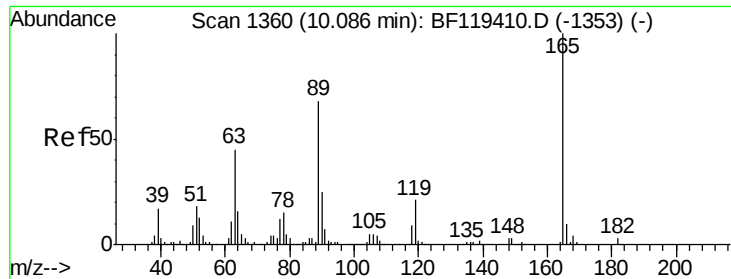
mohammad
3/27/2020 8:12:08 AM



#56
4-Nitrophenol
Concen: 87.017 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.7	39.6	79.6
65	111.6	78.3	118.3





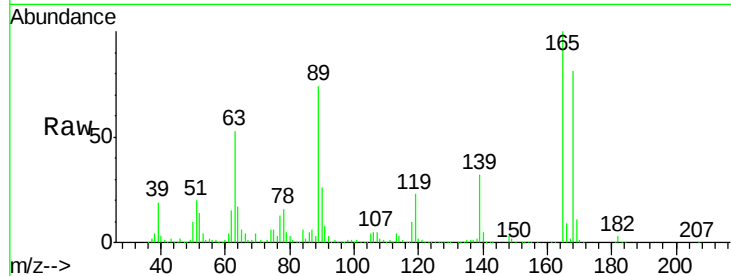
#57
2,4-Dinitrotoluene
Concen: 58.803 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	847548		
63	53.4	36.2	54.4	
89	73.8	54.3	81.5	
182	2.7	2.0	3.0	

Manual Integrations
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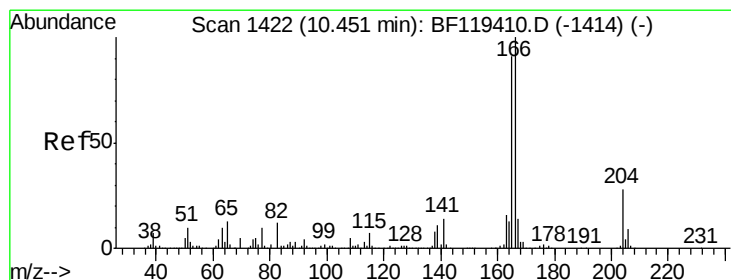
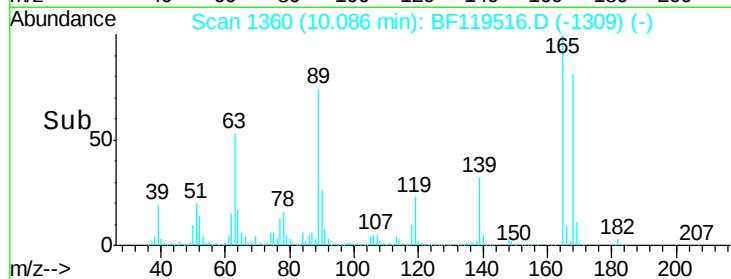
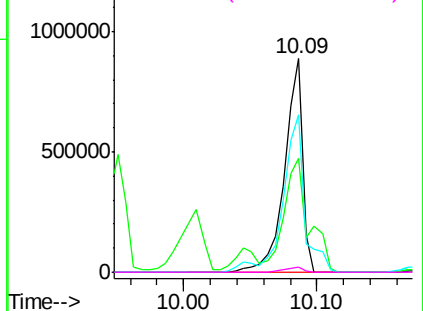


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



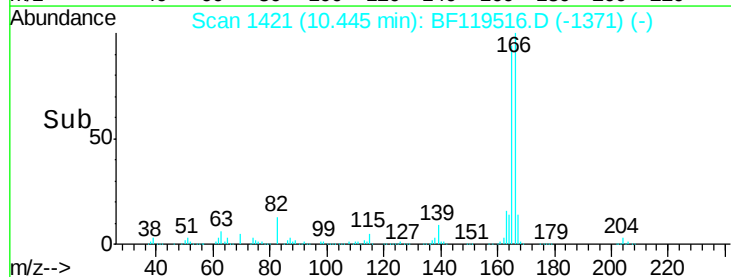
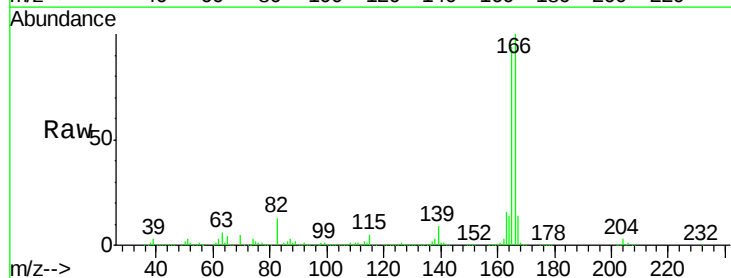
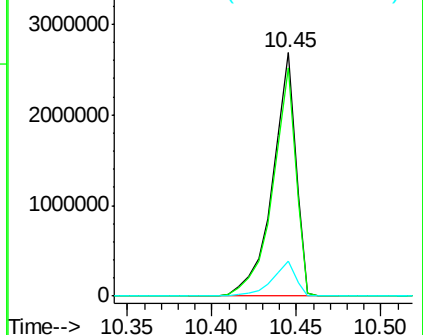
#58
Fluorene
Concen: 51.217 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

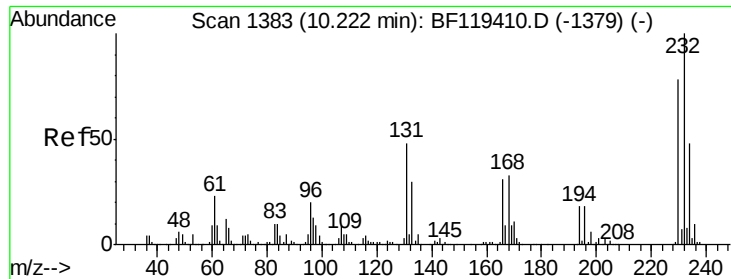
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2548695		
165	93.7	73.1	109.7	
167	14.2	11.0	16.6	

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 56.066 ng

RT: 10.22 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MS

Tot Ion:232 Resp: 740027
Ion Ratio Lower Upper

232 100

131 48.4 36.3 54.5

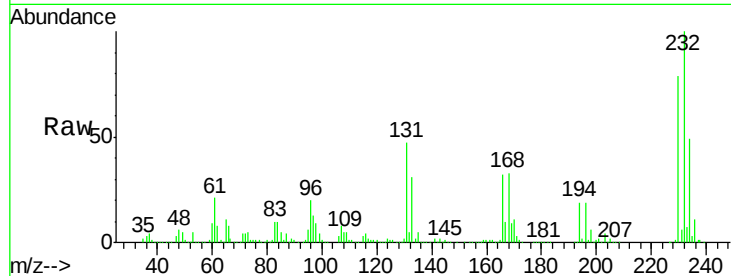
130 2.2 1.8 2.6

166 32.1 24.9 37.3

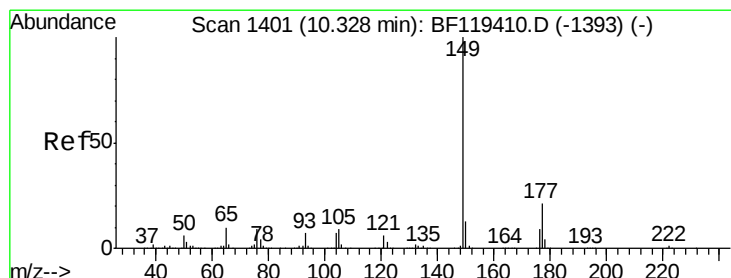
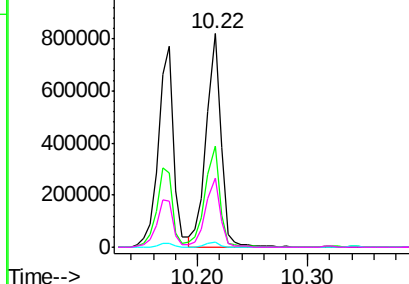
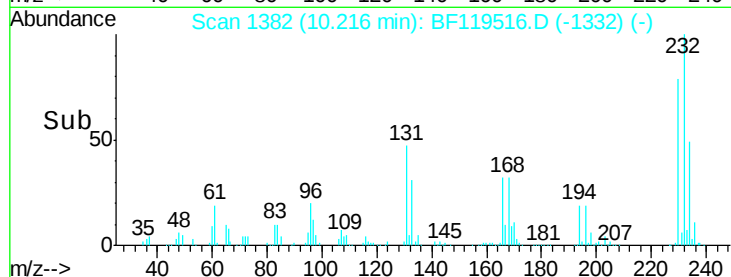
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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 54.340 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BF119516.D

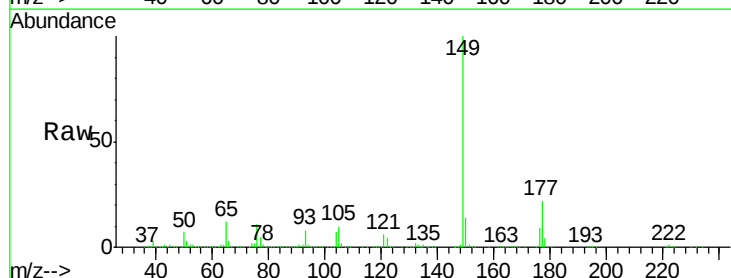
Acq: 25 Mar 2020 21:38

Tgt Ion:149 Resp: 2943992
Ion Ratio Lower Upper

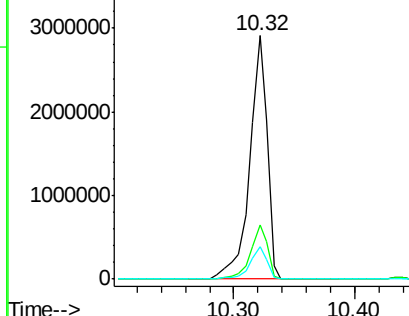
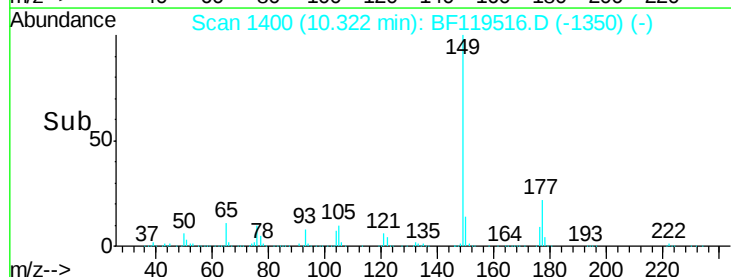
149 100

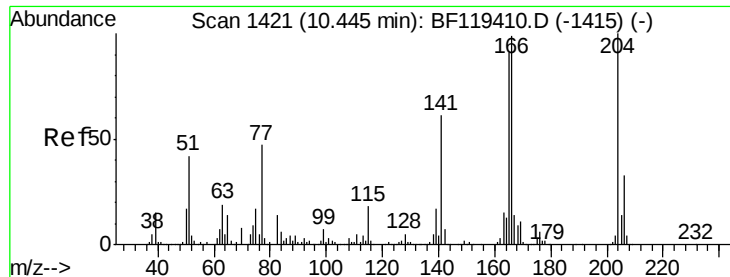
177 22.1 17.0 25.6

150 13.6 10.2 15.4



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





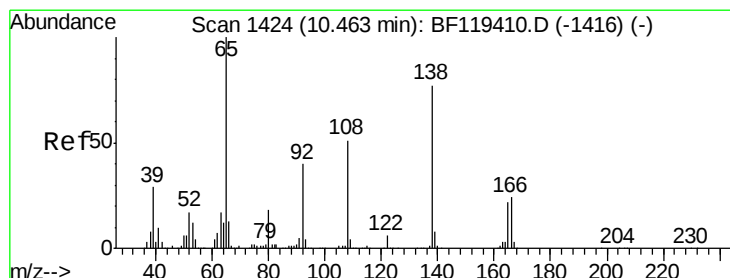
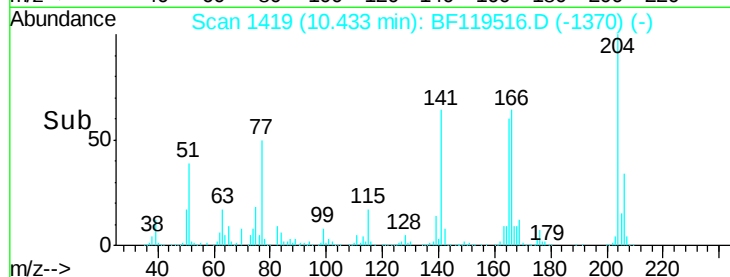
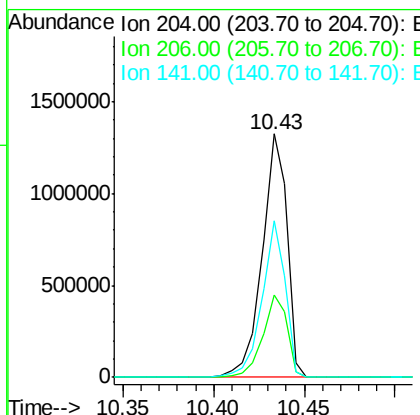
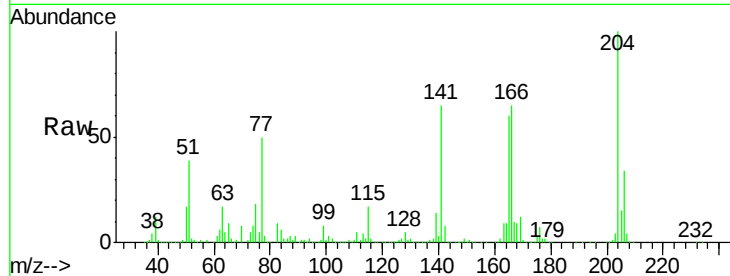
#61
 4-Chlorophenyl-phenylether
 Concen: 51.856 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.7	40.1
141	64.5	48.8	73.2

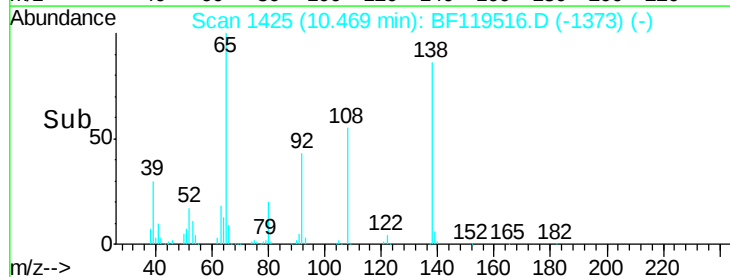
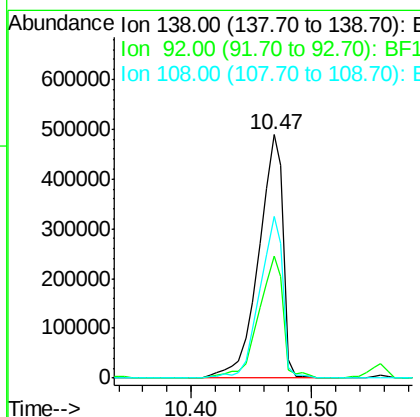
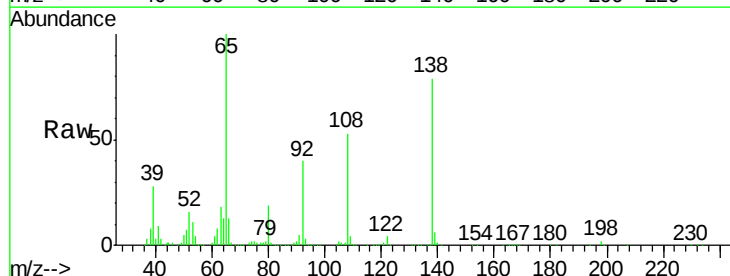
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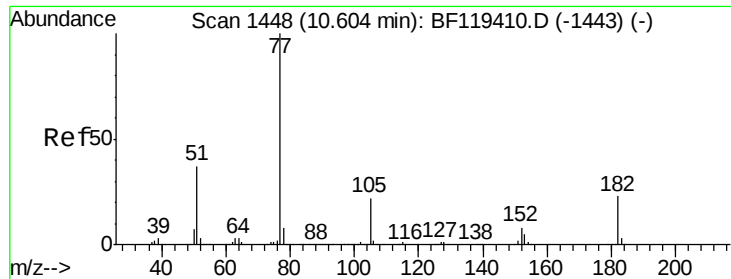
mohammad
 3/27/2020 8:12:08 AM



#62
 4-Nitroaniline
 Concen: 49.522 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	32.0	72.0
108	66.5	46.0	86.0





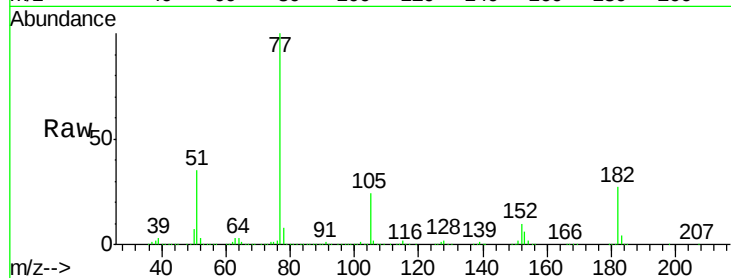
#63
Azobenzene
Concen: 51.014 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.8	2.5	42.5	
105	24.1	2.5	42.5	
51	35.4	17.1	57.1	

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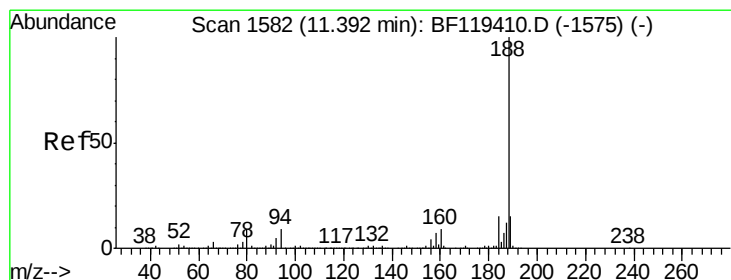
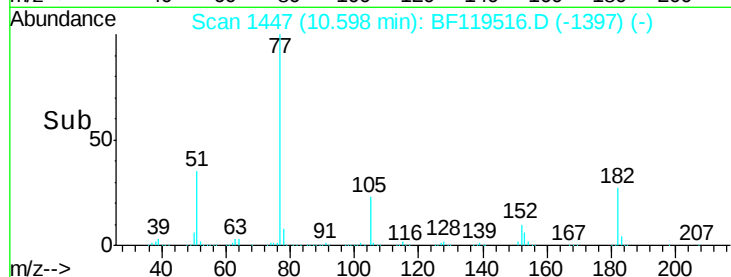
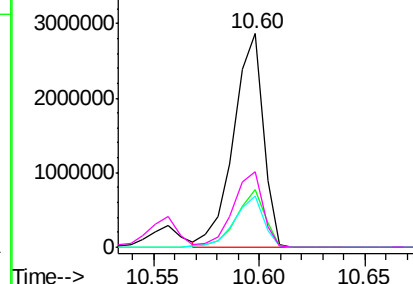


Abundance Ion 77.00 (76.70 to 77.70): BF1

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



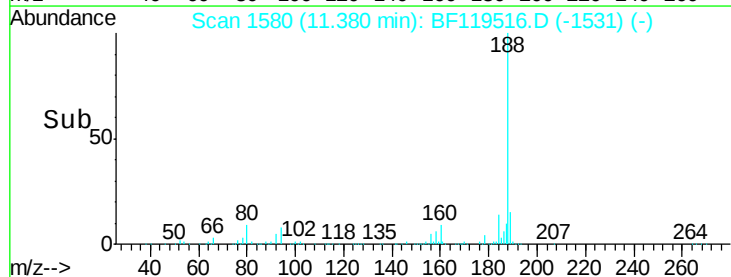
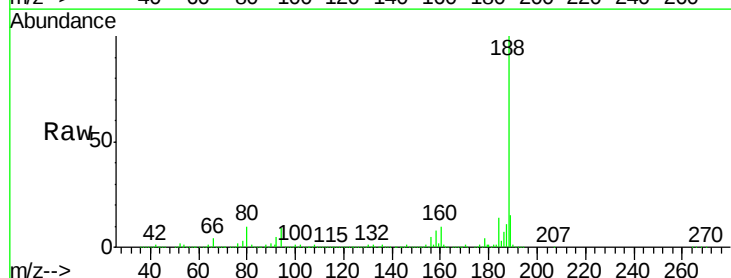
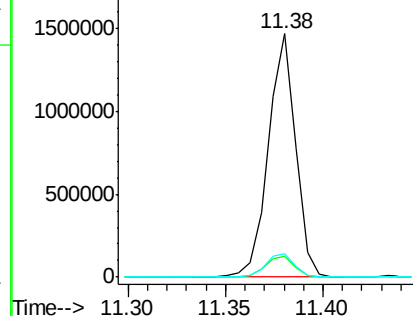
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.8	7.1	10.7	
80	9.6	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: 75.983 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

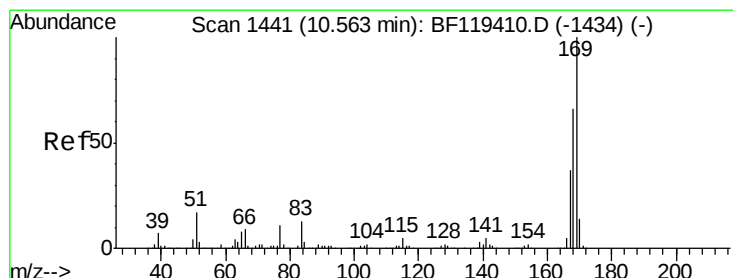
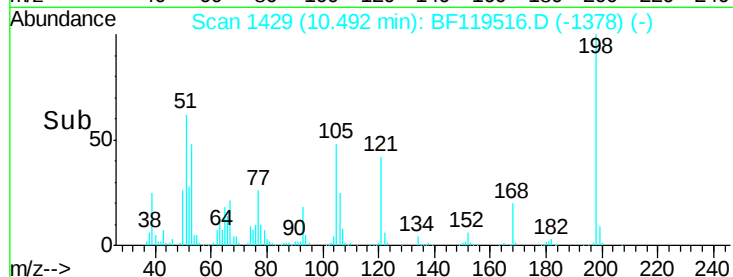
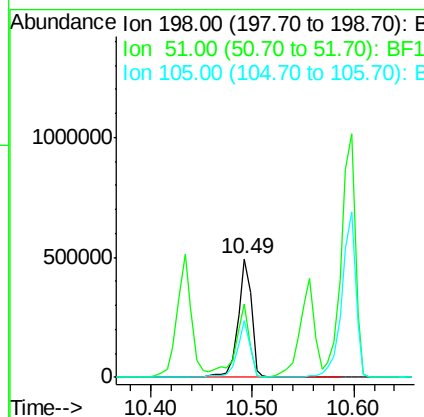
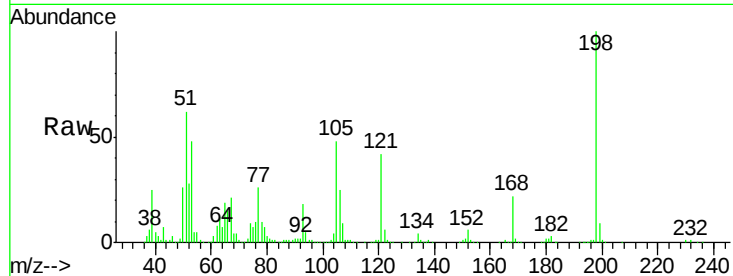
ClientSampleId :

NB-08-032420MS

Tot Ion:	198	Resp:	452723
Ion Ratio	Lower	Upper	
198	100		
51	61.6	33.1	73.1
105	48.1	24.1	64.1

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#66

n-Nitrosodiphenylamine

Concen: 51.767 ng

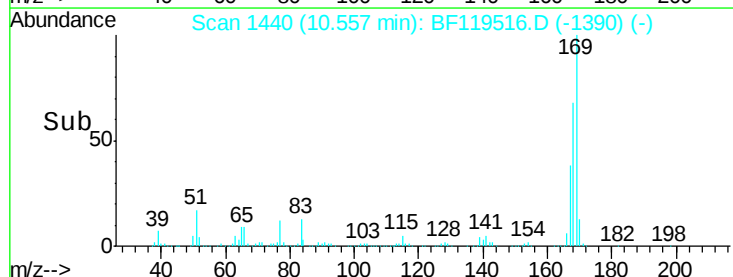
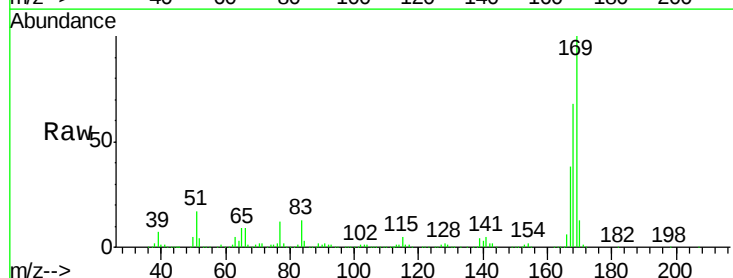
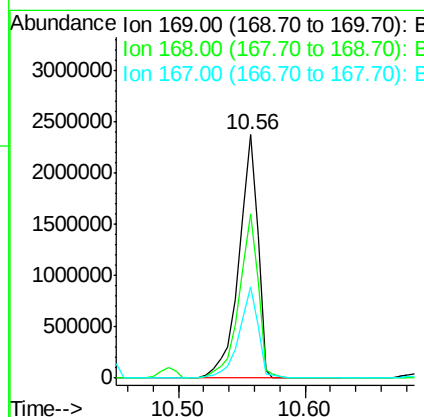
RT: 10.56 min Scan# 1440

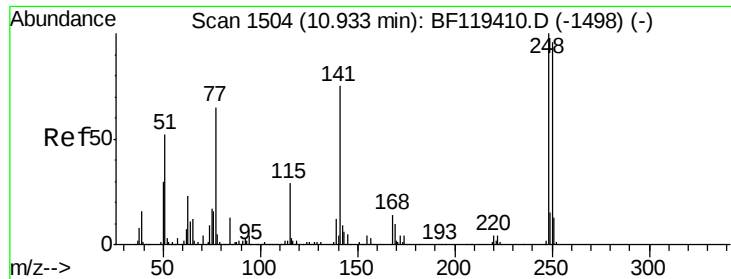
Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Tgt Ion:	169	Resp:	2414741
Ion Ratio	Lower	Upper	
169	100		
168	67.6	52.7	79.1
167	37.6	29.3	43.9





#67

4-Bromophenyl-phenylether

Concen: 52.526 ng

RT: 10.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

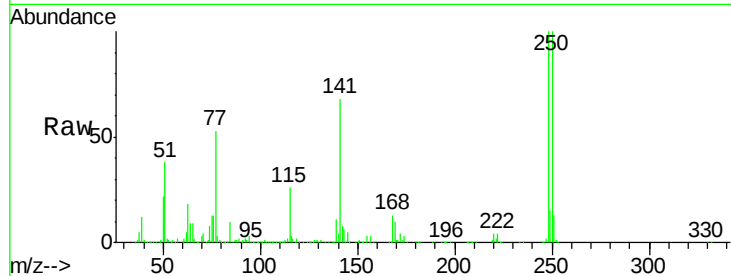
ClientSampleId :

NB-08-032420MS

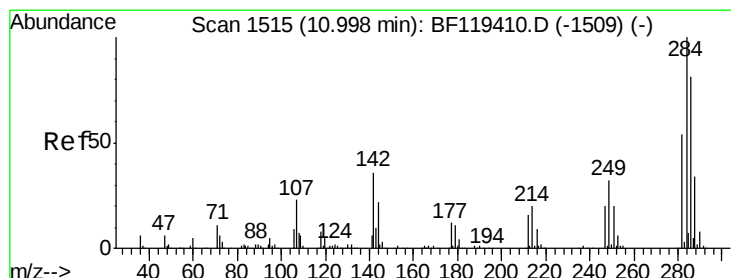
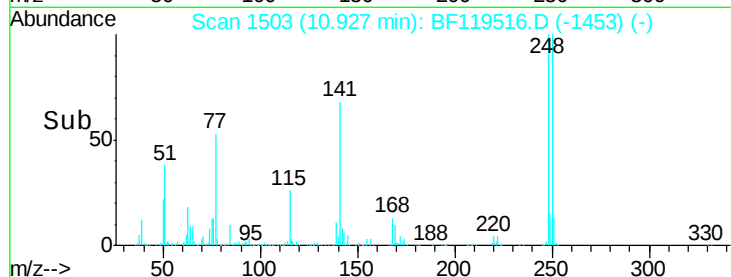
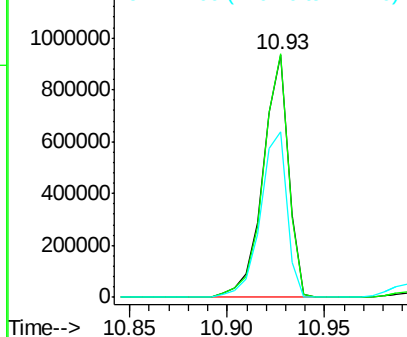
Tot Ion:	248	Resp:	849984
Ion Ratio	Lower	Upper	
248	100		
250	100.2	77.0	115.6
141	68.1	59.7	89.5

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 54.948 ng

RT: 10.99 min Scan# 1514

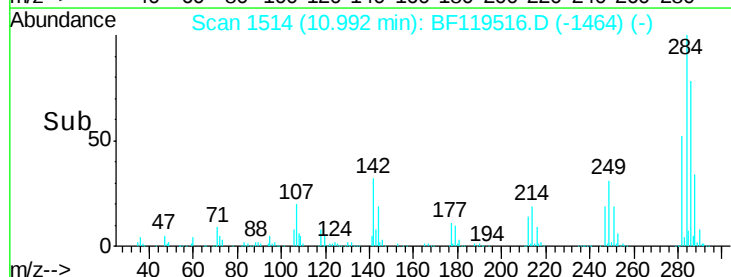
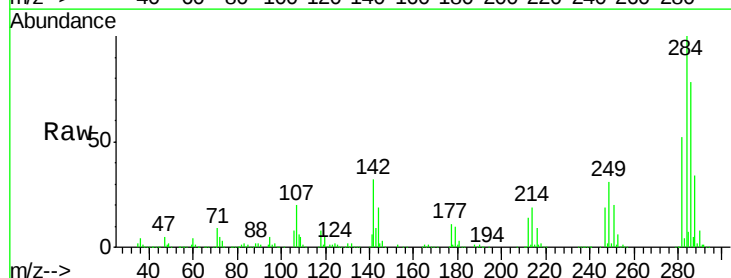
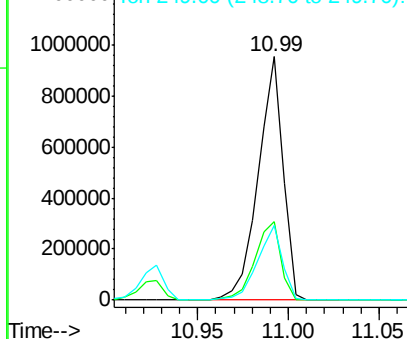
Delta R.T. -0.01 min

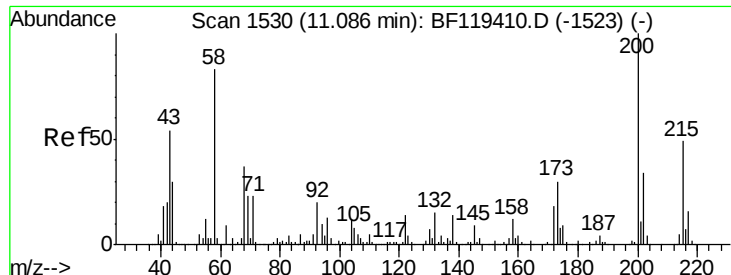
Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Tgt Ion:	284	Resp:	910063
Ion Ratio	Lower	Upper	
284	100		
142	32.4	28.7	43.1
249	30.6	25.4	38.0

Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





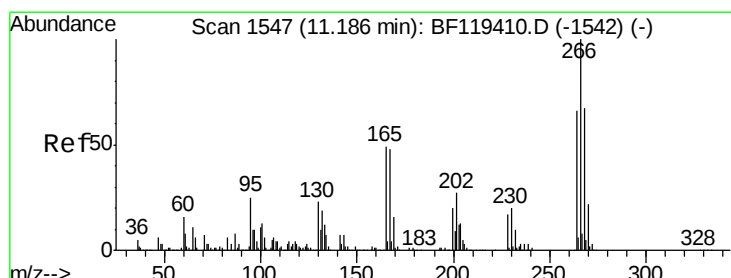
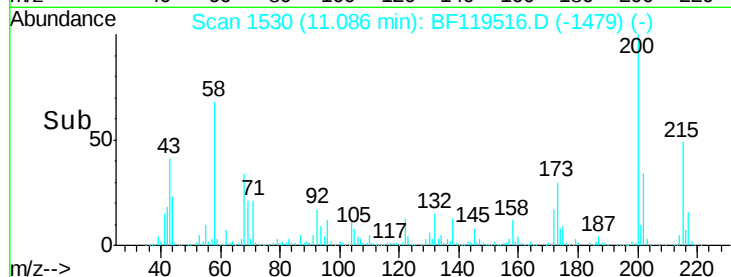
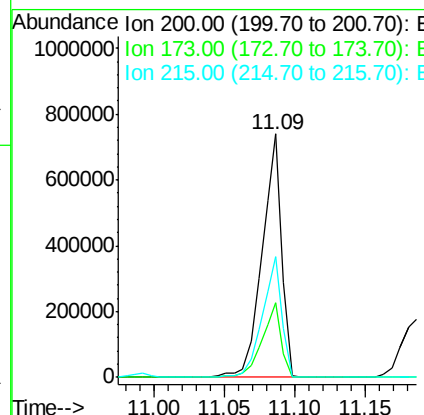
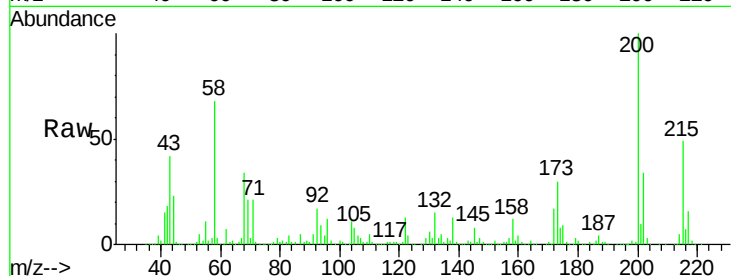
#69
 Atrazine
 Concen: 56.497 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	30.4	9.9	49.9
215	49.5	29.4	69.4

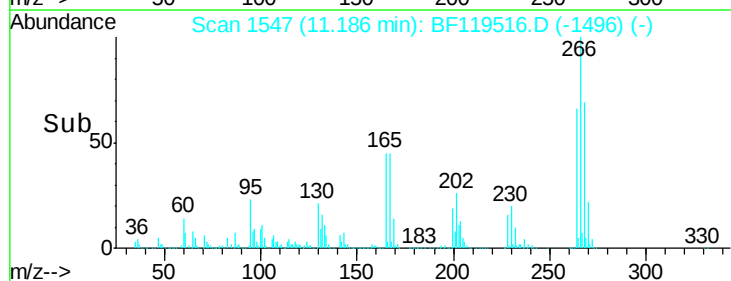
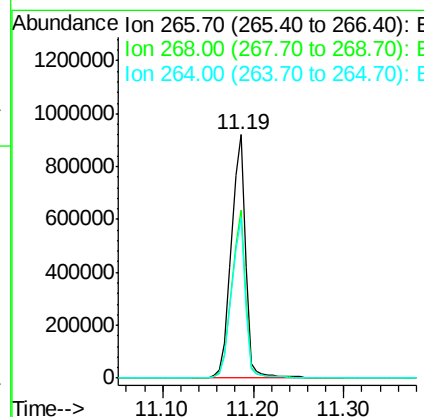
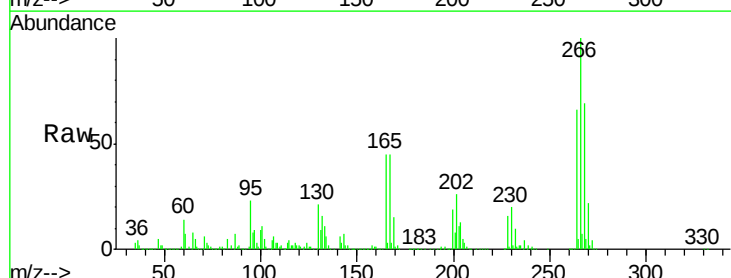
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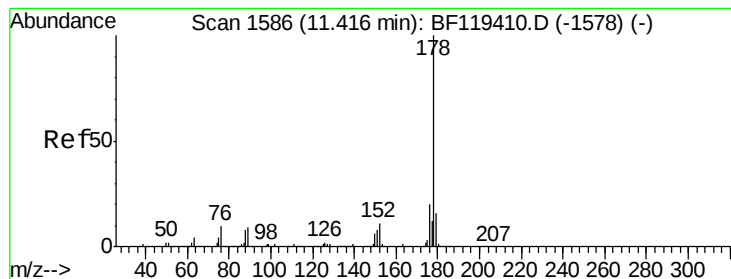
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#70
 Pentachlorophenol
 Concen: 104.111 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.00 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	68.9	53.7	80.5
264	65.8	52.5	78.7





#71

Phenanthrene

Concen: 48.760 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MS

Tot Ion:178 Resp: 3592489

Ion Ratio Lower Upper

178 100

176 21.6 16.2 24.4

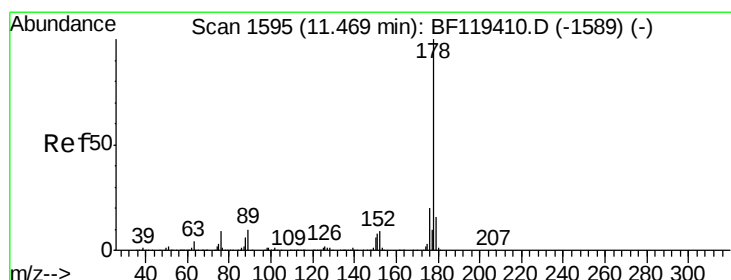
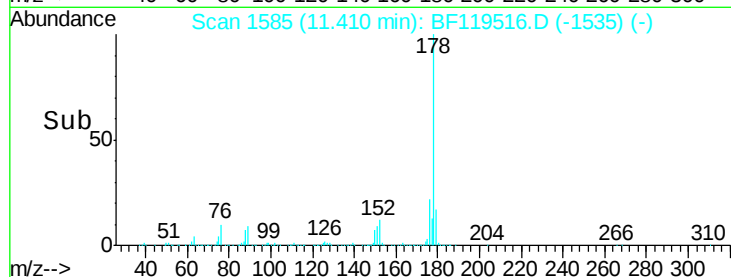
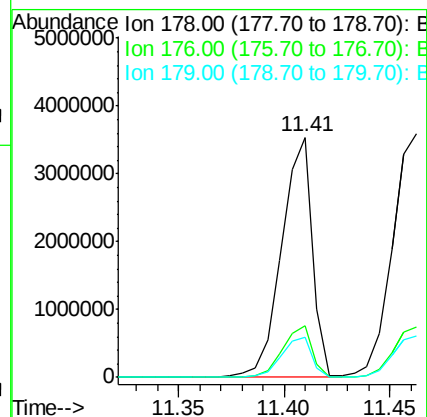
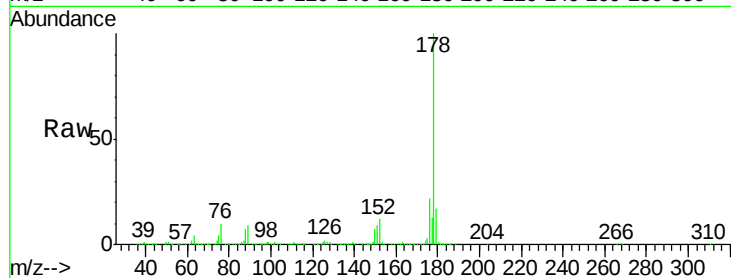
179 16.8 12.9 19.3

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#72

Anthracene

Concen: 49.098 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

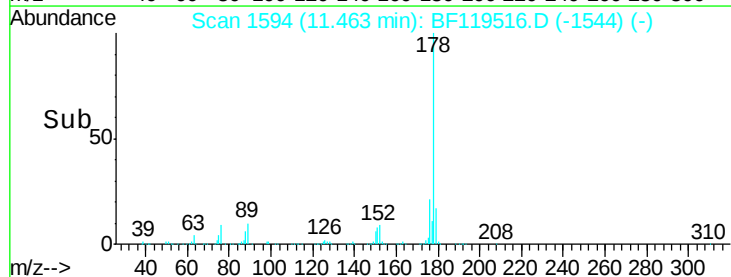
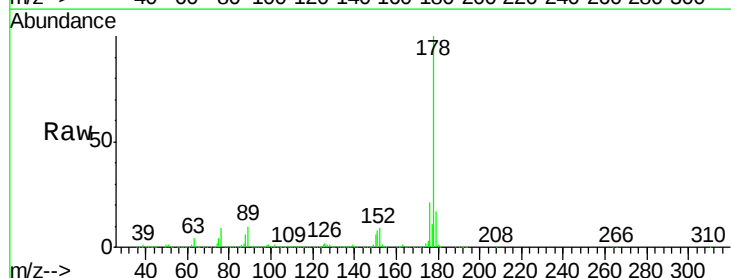
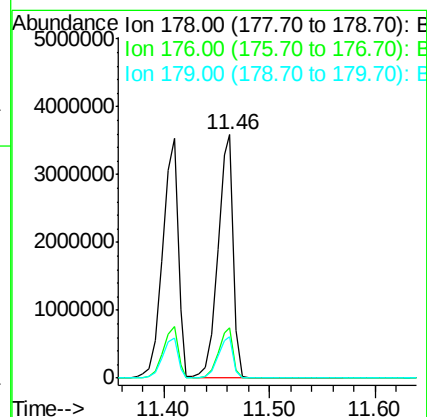
Tgt Ion:178 Resp: 3676503

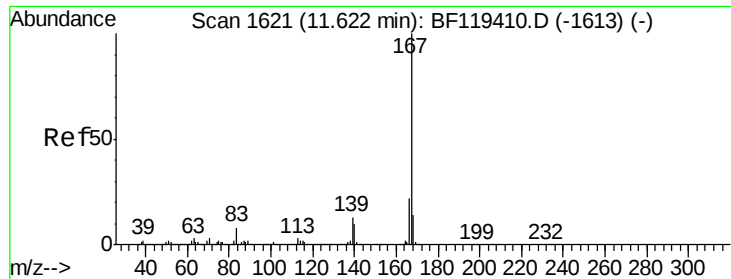
Ion Ratio Lower Upper

178 100

176 20.9 15.6 23.4

179 17.1 13.1 19.7





#73
 Carbazole
 Concen: 46.881 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

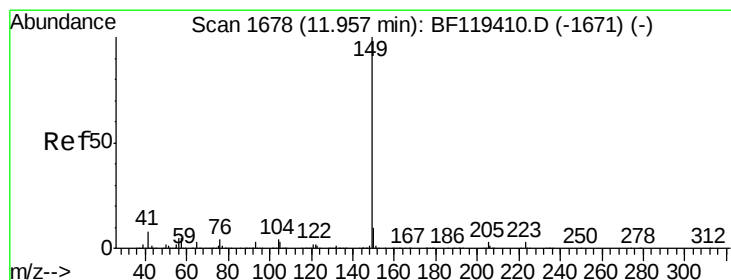
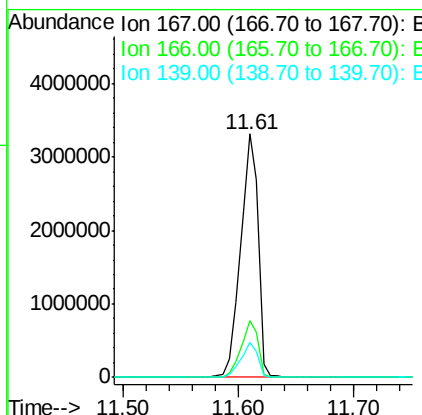
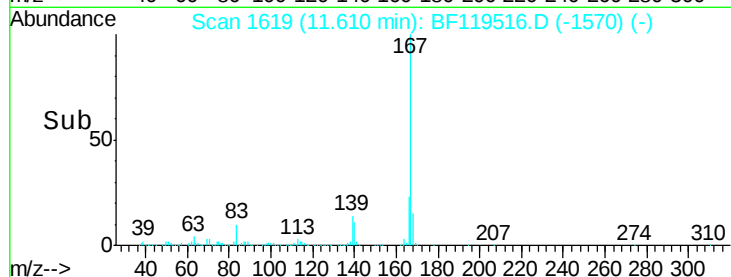
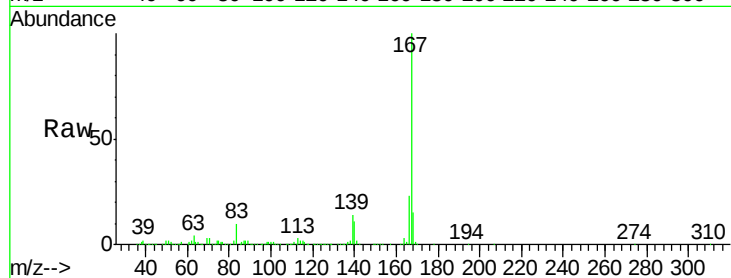
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MS

Tot Ion:167 Resp: 3474757

Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.8	26.6
139	14.3	10.2	15.4

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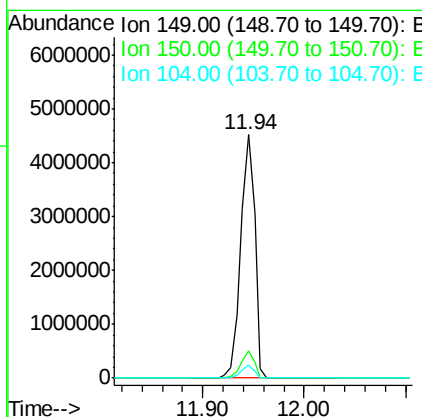
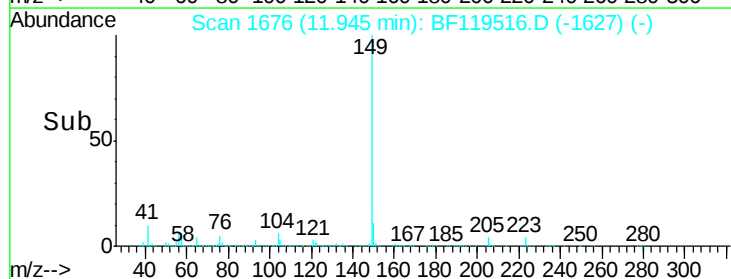
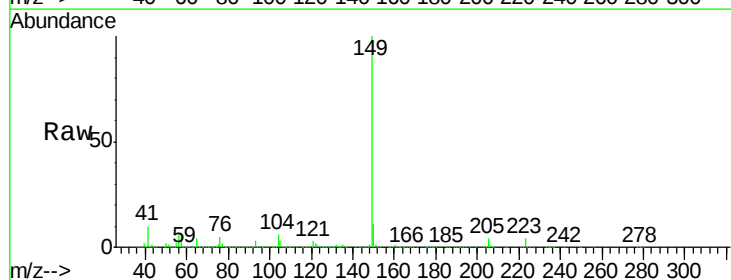
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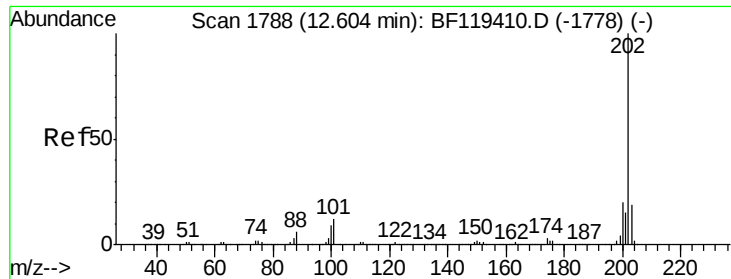


#74
 Di-n-butylphthalate
 Concen: 55.060 ng
 RT: 11.94 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Tgt Ion:149 Resp: 4365518

Ion	Ratio	Lower	Upper
149	100		
150	11.3	7.6	11.4
104	5.5	3.5	5.3





#75

Fluoranthene

Concen: 47.953 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

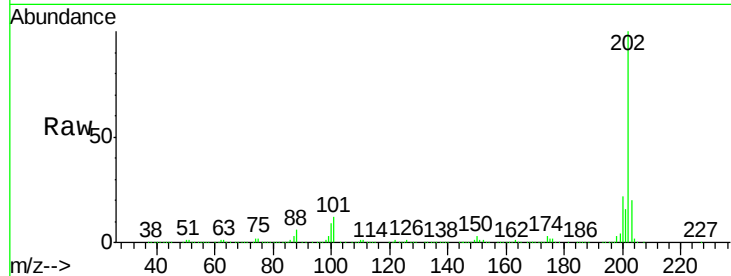
ClientSampleId :

NB-08-032420MS

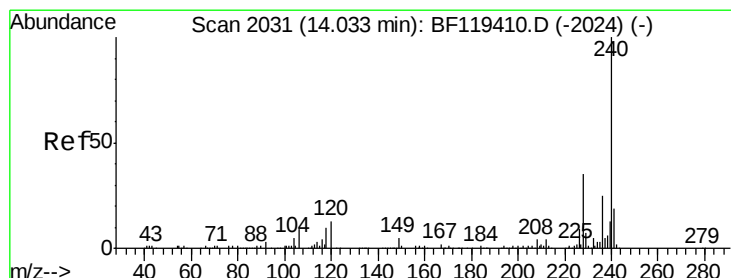
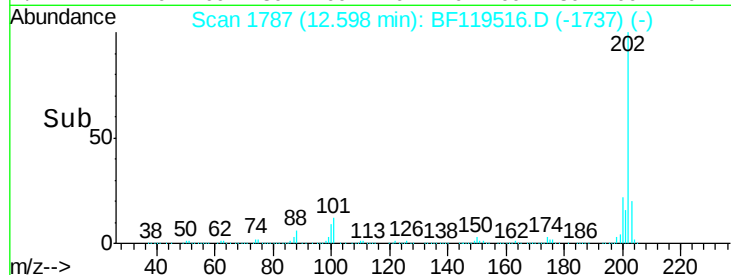
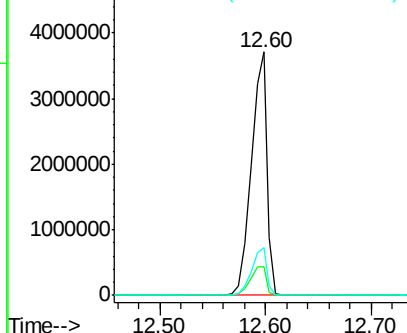
Tot Ion:	202	Resp:	3823568
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.4
203	19.6	0.0	38.5

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Abundance Ion 202.00 (201.70 to 202.70): E
5000000 Ion 101.00 (100.70 to 101.70): E
4000000 Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

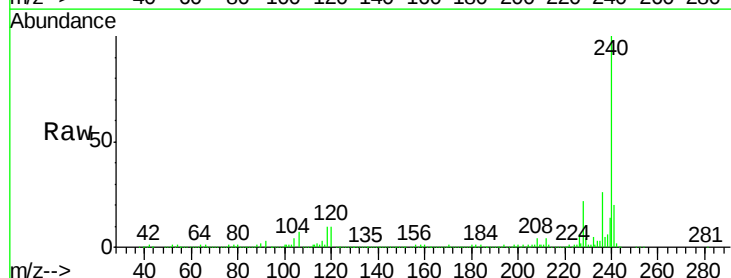
RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

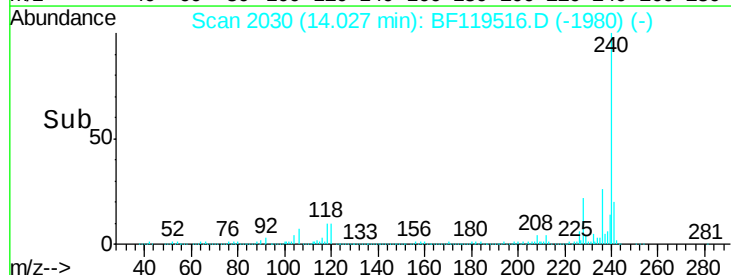
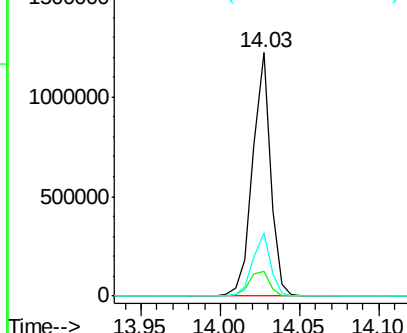
Lab File: BF119516.D

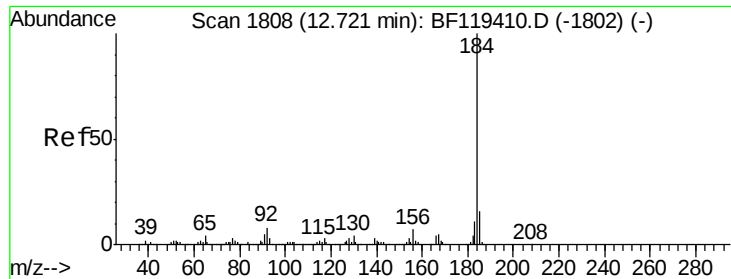
Acq: 25 Mar 2020 21:38

Tgt Ion:	240	Resp:	956729
Ion	Ratio	Lower	Upper
240	100		
120	10.0	10.2	15.4#
236	26.1	20.4	30.6



Abundance Ion 240.00 (239.70 to 240.70): E
1500000 Ion 120.00 (119.70 to 120.70): E
1000000 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.374 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MS

Tot Ion:184 Resp: 1351277

Ion Ratio Lower Upper

184 100

185 14.5 12.9 19.3

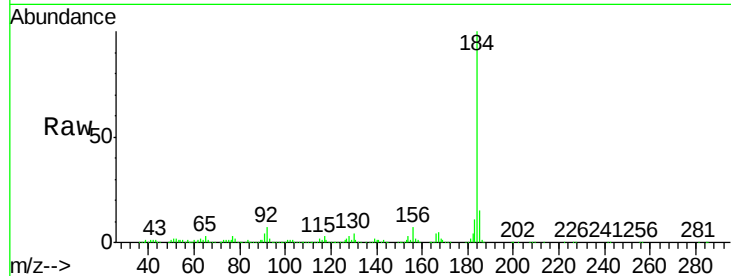
183 10.8 9.0 13.4

Manual Integrations

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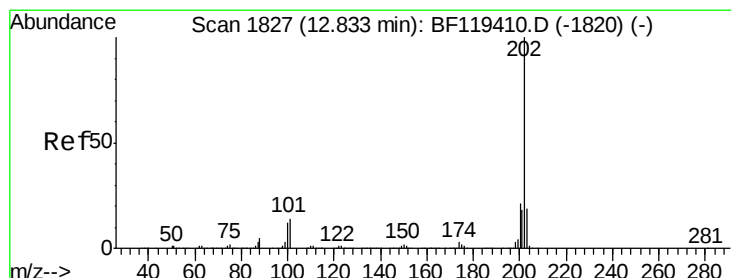
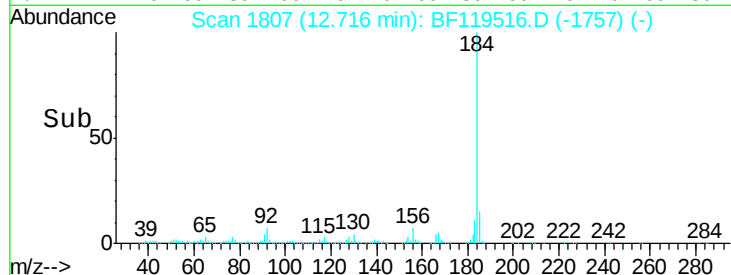
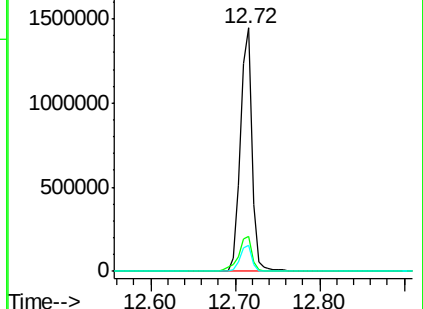
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.671 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

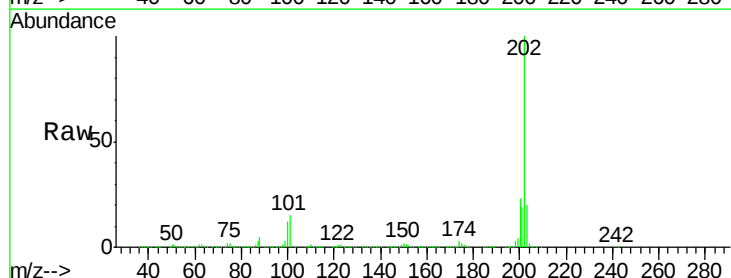
Tgt Ion:202 Resp: 3821517

Ion Ratio Lower Upper

202 100

200 22.6 16.8 25.2

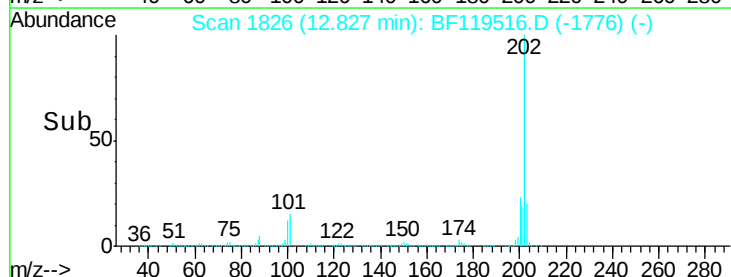
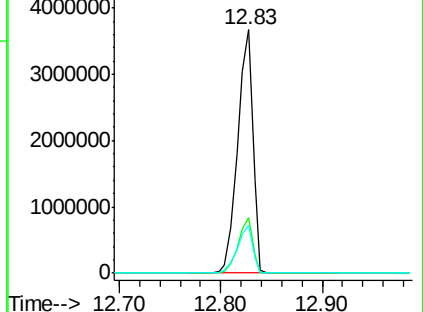
203 19.8 14.8 22.2



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





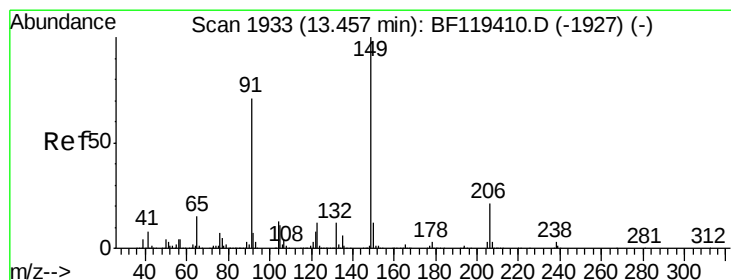
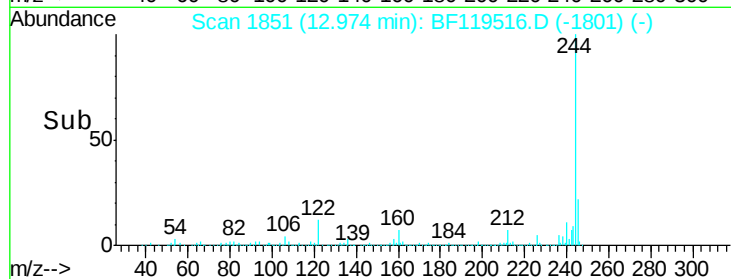
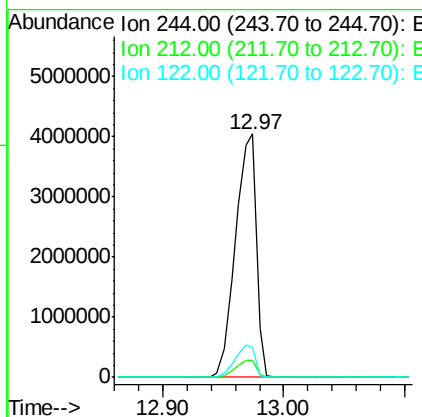
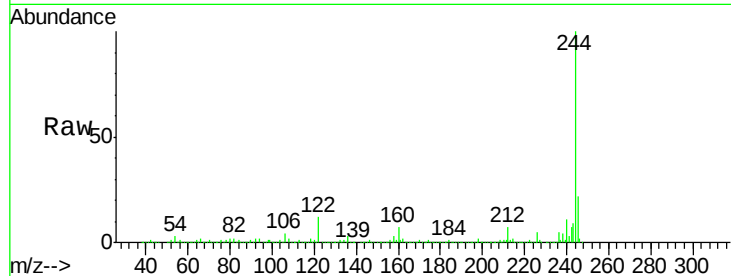
#79
 Terphenyl-d14
 Concen: 99.937 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MS

Tot Ion:244 Resp: 4880160
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 12.2 9.8 14.8

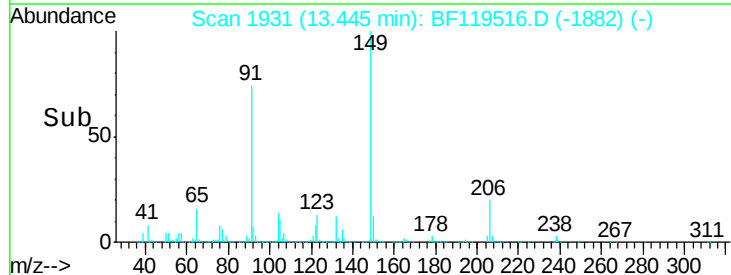
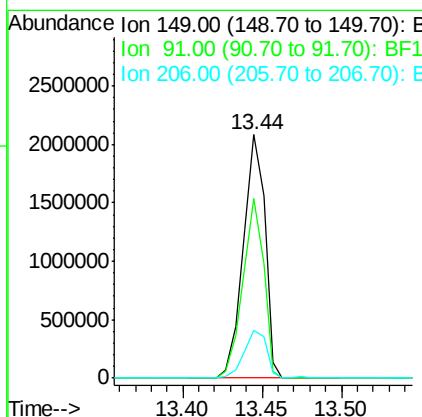
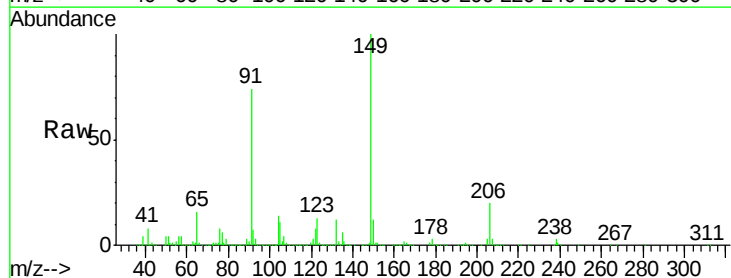
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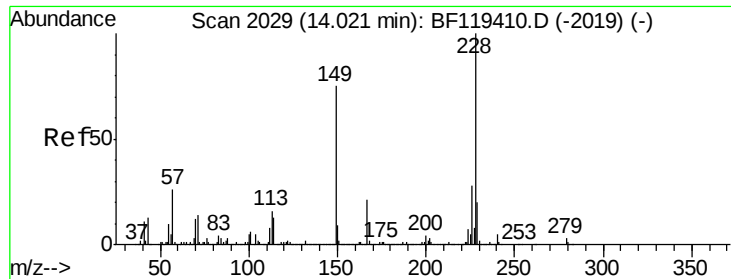
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#80
 Butylbenzylphthalate
 Concen: 62.175 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BF119516.D
 Acq: 25 Mar 2020 21:38

Tgt Ion:149 Resp: 1974485
 Ion Ratio Lower Upper
 149 100
 91 73.7 57.0 85.6
 206 19.8 16.4 24.6





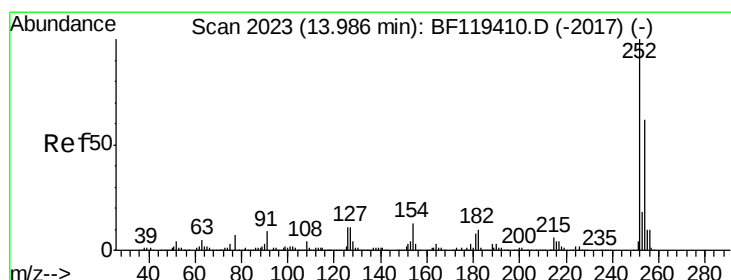
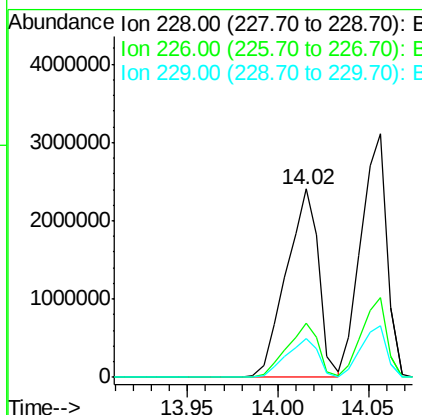
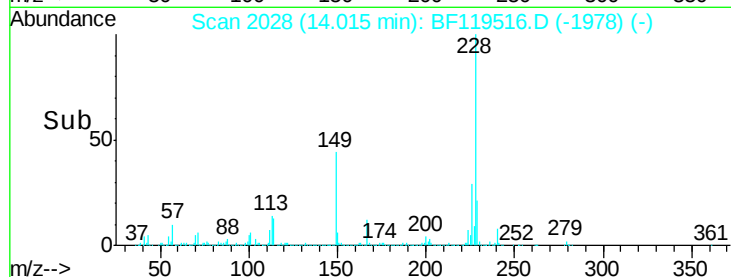
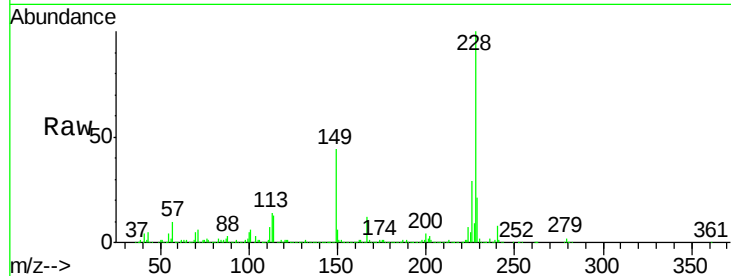
#81
Benzo(a)anthracene
Concen: 48.423 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tot Ion:228 Resp: 3012595
Ion Ratio Lower Upper
228 100
226 28.9 22.3 33.5
229 20.8 16.3 24.5

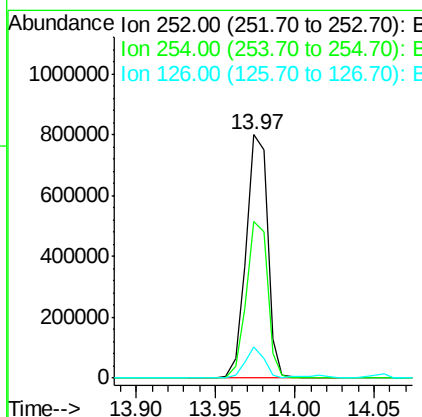
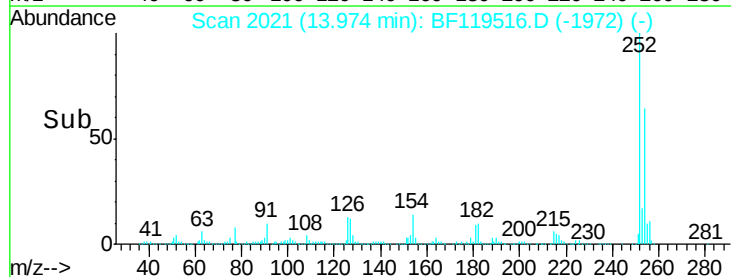
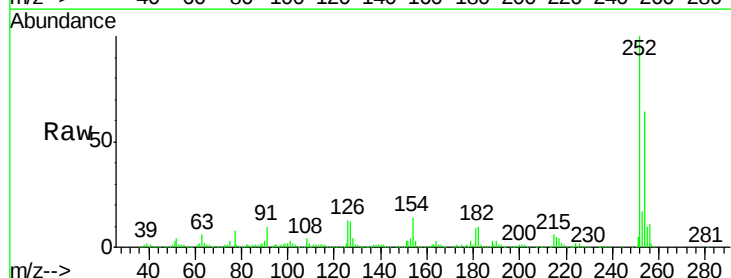
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#82
3,3'-Dichlorobenzidine
Concen: 30.811 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion:252 Resp: 755800
Ion Ratio Lower Upper
252 100
254 64.3 49.8 74.8
126 12.8 8.9 13.3





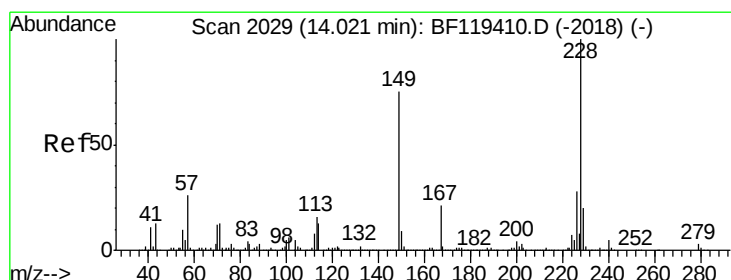
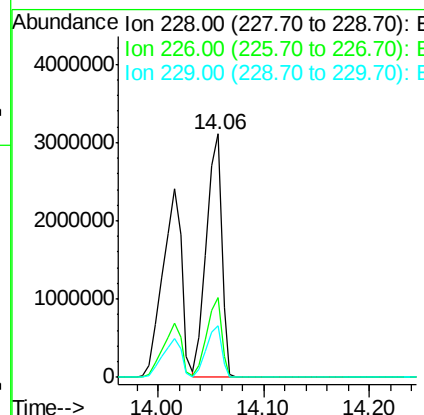
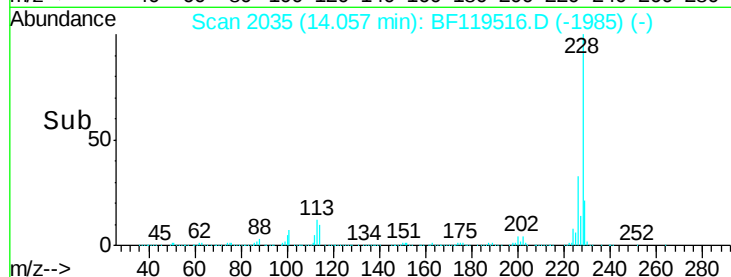
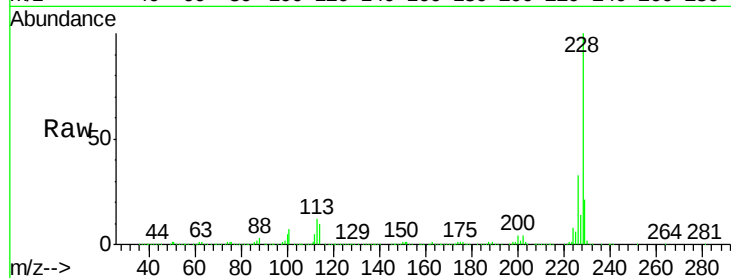
#83
Chrysene
Concen: 48.601 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tot Ion:228 Resp: 3120541
Ion Ratio Lower Upper
228 100
226 32.9 24.8 37.2
229 21.4 16.6 25.0

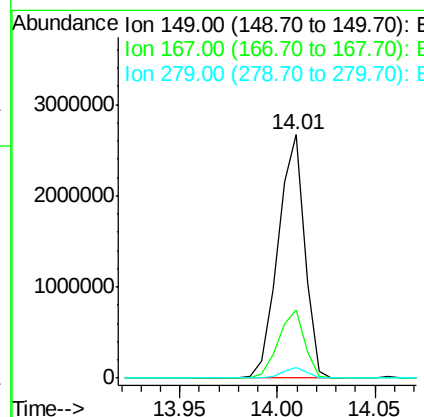
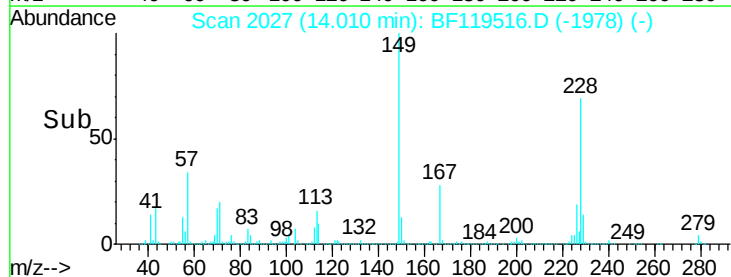
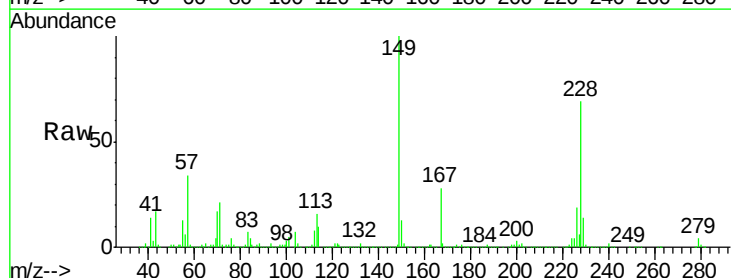
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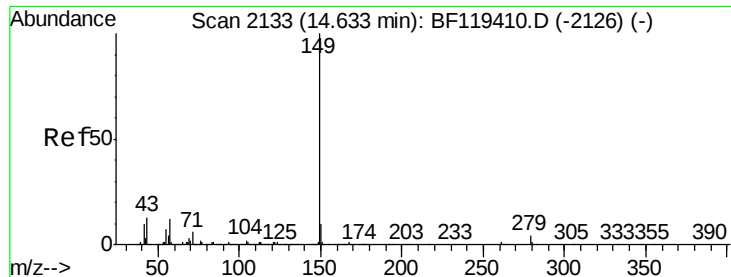
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#84
Bis(2-ethylhexyl)phthalate
Concen: 66.491 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion:149 Resp: 2517135
Ion Ratio Lower Upper
149 100
167 28.3 22.0 33.0
279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 67.447 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MS

Tot Ion:149 Resp: 4490590

Ion Ratio Lower Upper

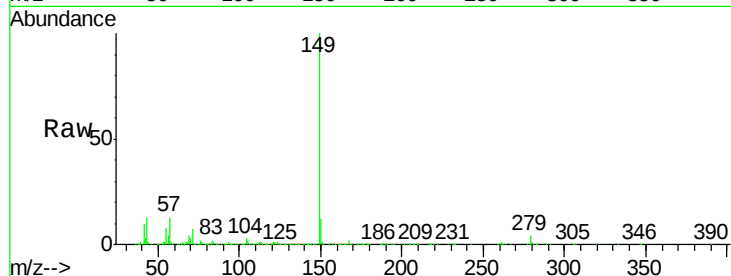
149 100

167 1.7 1.1 1.7#

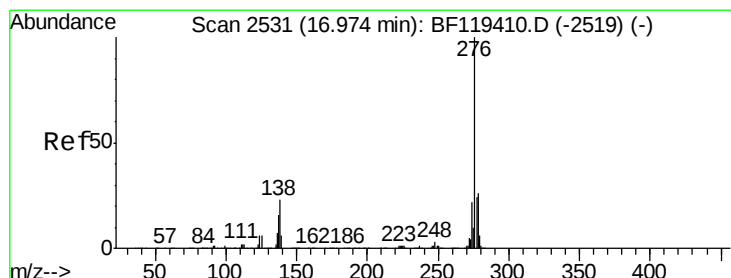
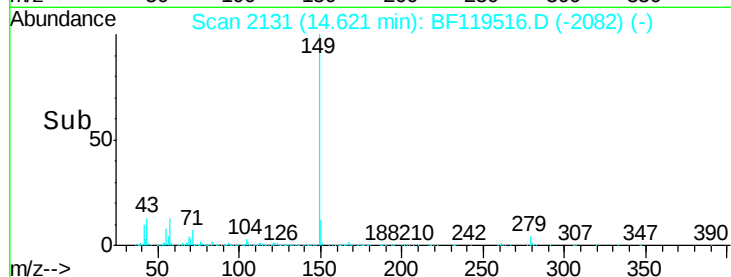
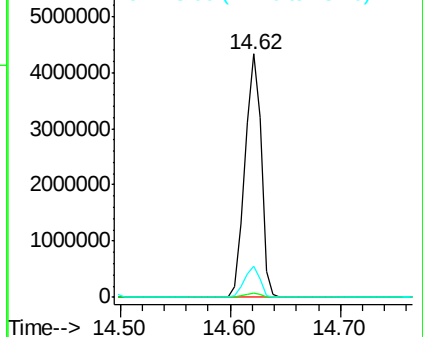
43 12.2 10.1 15.1

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.536 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

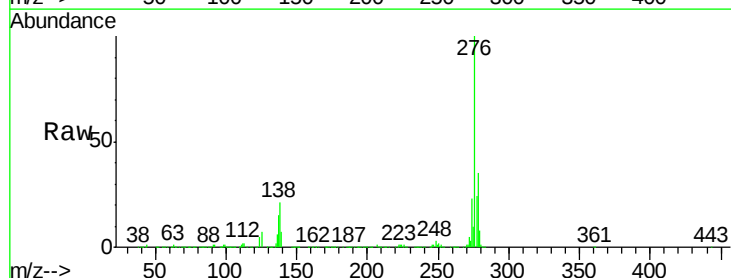
Tgt Ion:276 Resp: 2935013

Ion Ratio Lower Upper

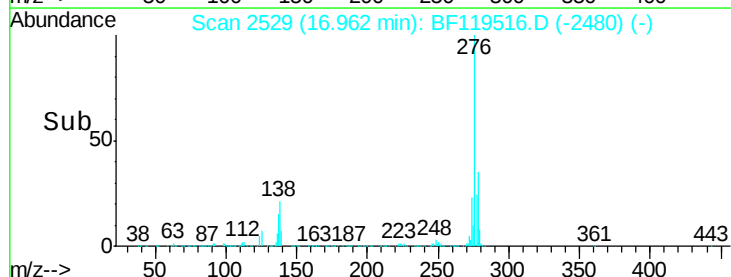
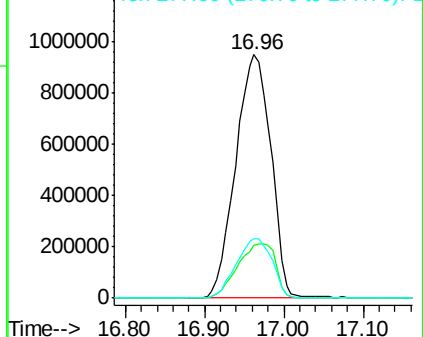
276 100

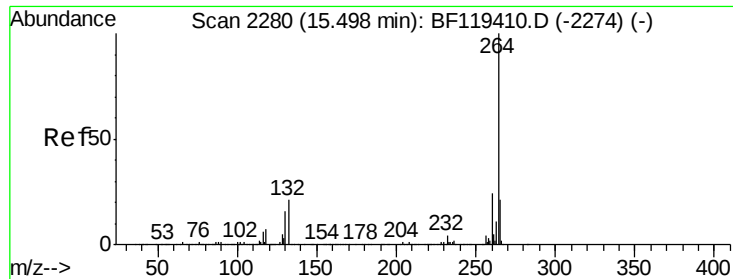
138 24.2 21.3 31.9

277 25.2 20.2 30.2



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





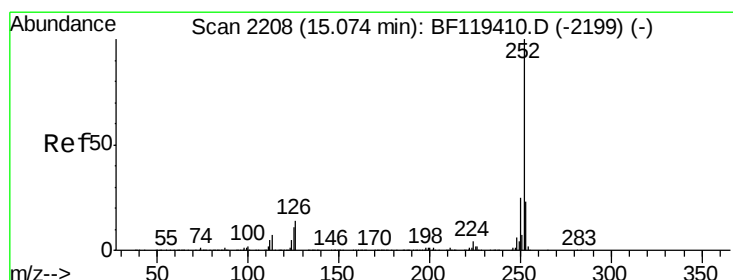
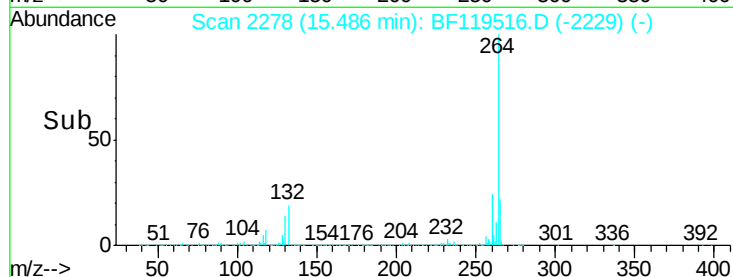
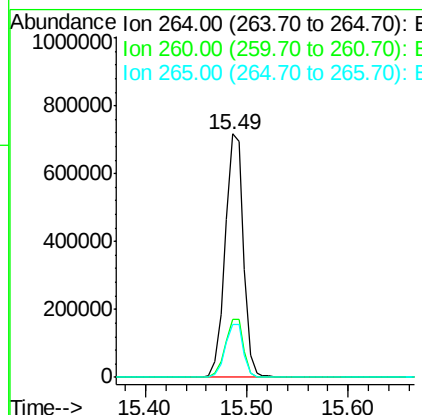
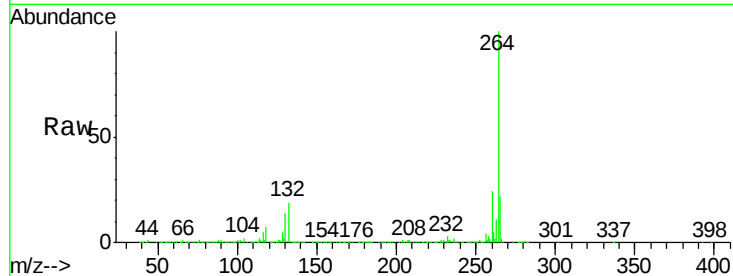
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	16.9	25.3

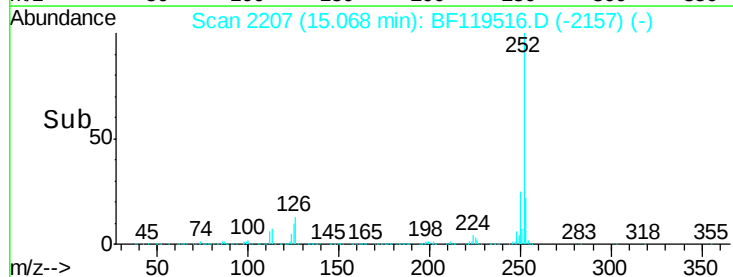
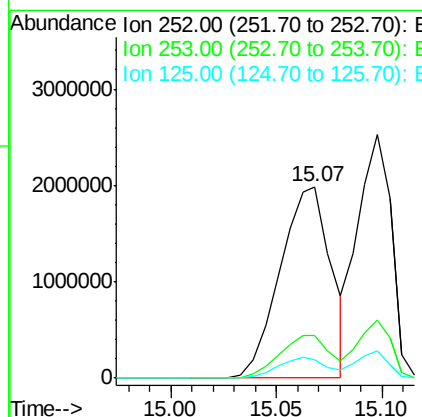
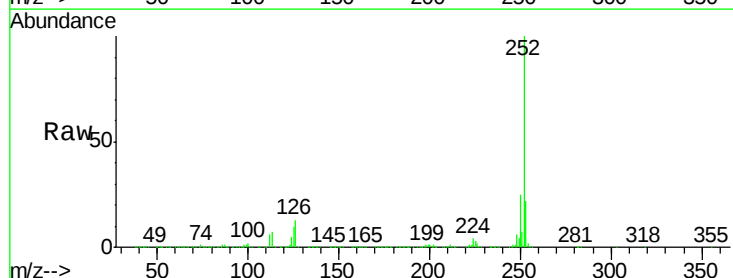
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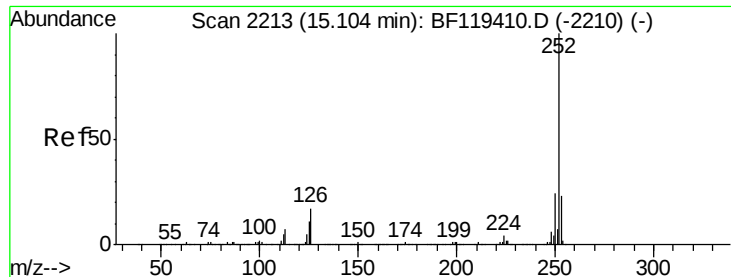
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#88
Benzo(b)fluoranthene
Concen: 55.727 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	9.8	8.8	13.2





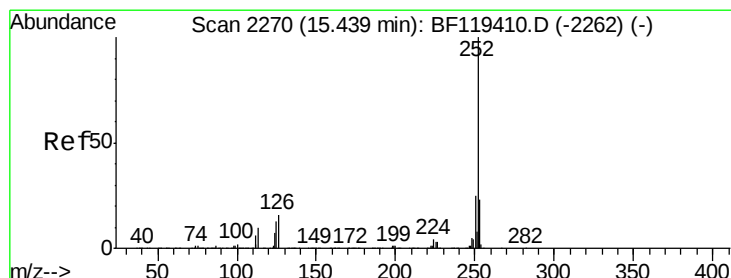
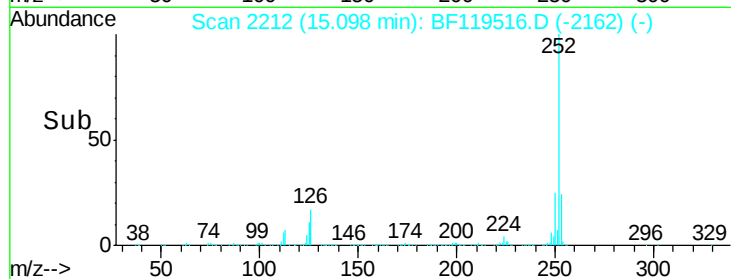
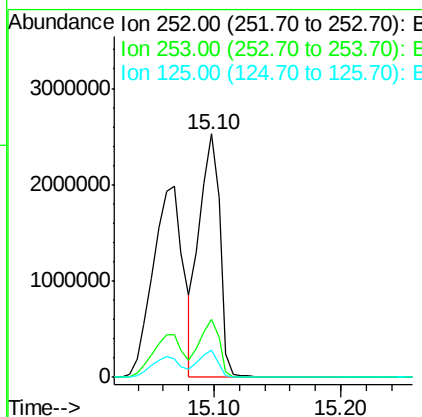
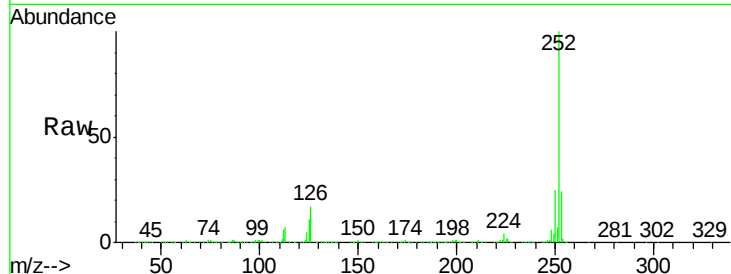
#89
Benzo(k)fluoranthene
Concen: 49.954 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	11.1	9.0	13.4

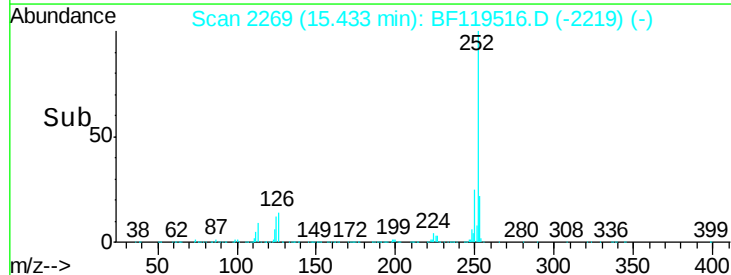
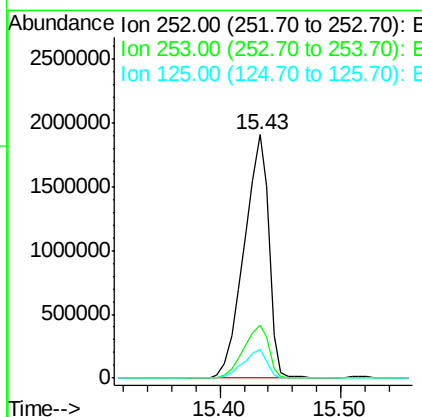
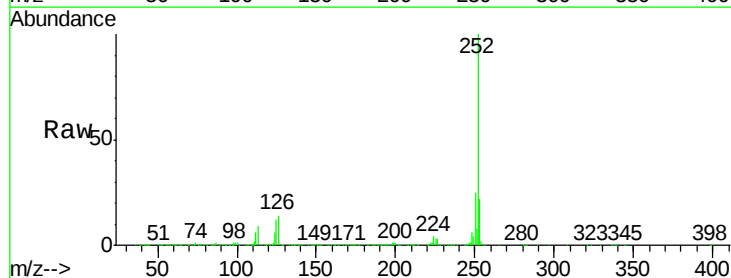
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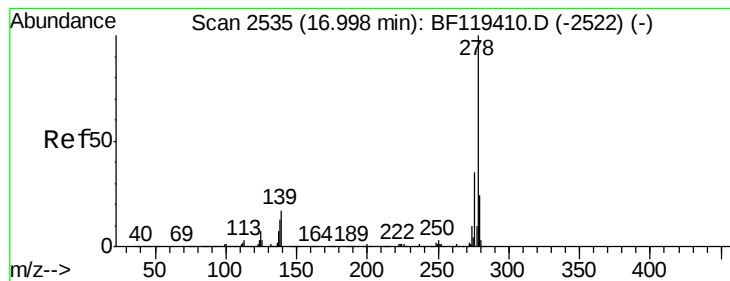
mohammad
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#90
Benzo(a)pyrene
Concen: 50.369 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF119516.D
Acq: 25 Mar 2020 21:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	11.6	10.2	15.2





#91

Dibenzo(a,h)anthracene

Concen: 50.512 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MS

Tot Ion:278 Resp: 2391815

Ion Ratio Lower Upper

278 100

139 16.2 13.7 20.5

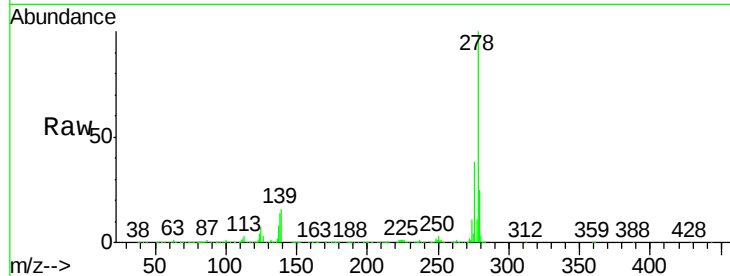
279 24.7 19.2 28.8

Manual Integrations

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mohammad

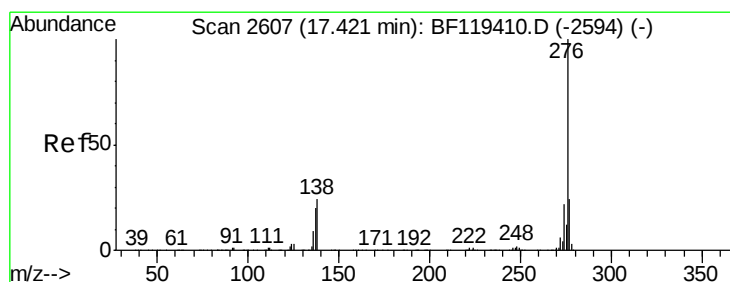
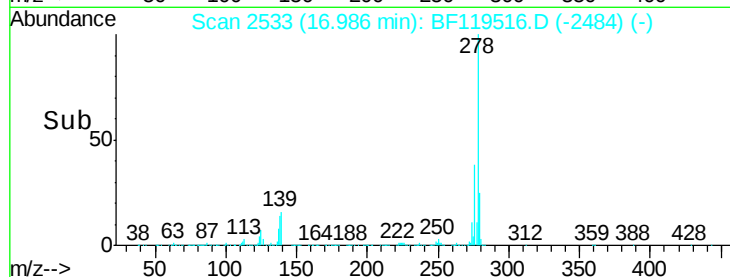
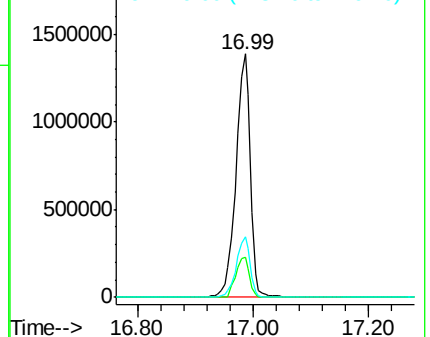
3/27/2020 8:12:08 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.789 ng

RT: 17.41 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BF119516.D

Acq: 25 Mar 2020 21:38

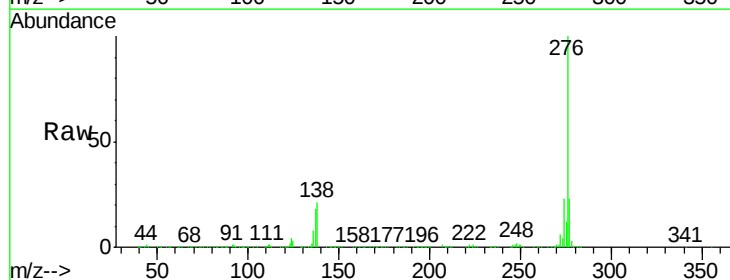
Tgt Ion:276 Resp: 2368480

Ion Ratio Lower Upper

276 100

277 23.2 18.8 28.2

138 21.2 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

