

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
 Data File : BF119517.D
 Acq On : 25 Mar 2020 22:13
 Operator : CG/JU
 Sample : L1754-04MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MSD

Manual Integrations
 APPROVED

mohammad
 3/27/2020 8:12:11 AM

Quant Time: Mar 26 04:33:28 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	362334	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1411967	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	737337	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1388038	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	932433	20.00	ng	0.00
87) Perylene-d12	15.49	264	807059	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2718581	119.44	ng	0.02
7) Phenol-d6	6.48	99	3306807	113.73	ng	0.00
23) Nitrobenzene-d5	7.41	82	2499702	96.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	1164458	153.08	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	4520445	90.83	ng	-0.01
79) Terphenyl-d14	12.97	244	4732337	99.44	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.83	88	418714	37.247	ng	98
3) Pyridine	3.52	79	853813	27.569	ng	98
4) n-Nitrosodimethylamine	3.46	42	641490	42.475	ng	96
6) Aniline	6.50	93	647262	16.130	ng	99
8) 2-Chlorophenol	6.63	128	1276897	53.414	ng	99
9) Benzaldehyde	6.39	77	632439	34.288	ng	97
10) Phenol	6.49	94	1371856	44.219	ng	100
11) bis(2-Chloroethyl)ether	6.58	93	1263433	50.918	ng	96
12) 1,3-Dichlorobenzene	6.79	146	1170959	45.258	ng	98
13) 1,4-Dichlorobenzene	6.86	146	1199530	46.351	ng	99
14) 1,2-Dichlorobenzene	7.02	146	1115295	46.106	ng	99
15) Benzyl Alcohol	6.99	79	1088908	49.787	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	2321670	46.388	ng	96
17) 2-Methylphenol	7.10	107	1008535	46.046	ng	99
18) Hexachloroethane	7.36	117	467011	49.242	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	916585	52.301	ng	97
20) 3+4-Methylphenols	7.25	107	1175484	43.791	ng	# 83
22) Acetophenone	7.26	105	1659650	49.192	ng	# 89
24) Nitrobenzene	7.43	77	1341247	48.308	ng	99
25) Isophorone	7.67	82	2568826	48.743	ng	99
26) 2-Nitrophenol	7.75	139	686563	62.803	ng	100
27) 2,4-Dimethylphenol	7.78	122	1131272	50.046	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	1633865	52.428	ng	98
29) 2,4-Dichlorophenol	7.99	162	1067601	51.401	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	1135547	49.437	ng	98
31) Naphthalene	8.15	128	3428389	47.183	ng	98
32) Benzoic acid	7.92	122	824030	56.671	ng	99
33) 4-Chloroaniline	8.20	127	352170	10.577	ng	98
34) Hexachlorobutadiene	8.27	225	637211	49.582	ng	98
35) Caprolactam	8.59	113	296651m	43.641	ng	
36) 4-Chloro-3-methylphenol	8.69	107	1163998	51.276	ng	99
37) 2-Methylnaphthalene	8.85	142	2482221	52.052	ng	99
38) 1-Methylnaphthalene	8.95	142	2349233	52.047	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	1047900	48.487	ng	99

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 NB-08-032420MSD

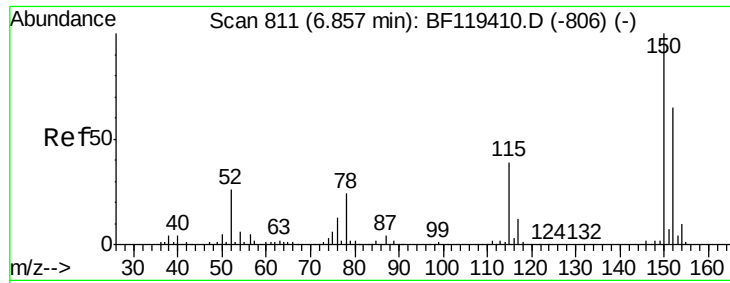
Manual Integrations
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 3/27/2020 8:12:11 AM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	1153185	93.857	nq	100
43) 2,4,6-Trichlorophenol	9.12	196	840926	54.373	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	817188	47.167	nq	97
46) 1,1'-Biphenyl	9.32	154	2932630	48.834	nq	99
47) 2-Chloronaphthalene	9.34	162	2261038	48.067	nq	98
48) 2-Nitroaniline	9.43	65	851279	52.430	nq	94
49) Acenaphthylene	9.76	152	3510964	47.529	nq	99
50) Dimethylphthalate	9.62	163	2988777	57.067	nq	98
51) 2,6-Dinitrotoluene	9.67	165	617964	55.048	nq	97
52) Acenaphthene	9.93	154	2511880	54.545	nq	98
53) 3-Nitroaniline	9.84	138	304749	21.503	nq	99
54) 2,4-Dinitrophenol	9.95	184	626131	124.454	nq	96
55) Dibenzofuran	10.10	168	3175657	48.097	nq	98
56) 4-Nitrophenol	10.01	139	924587	82.698	nq	89
57) 2,4-Dinitrotoluene	10.08	165	808603	57.179	nq	# 85
58) Fluorene	10.45	166	2420216	49.569	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	695422	53.698	nq	97
60) Diethylphthalate	10.32	149	2794112	52.564	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	1192500	49.945	nq	98
62) 4-Nitroaniline	10.47	138	621356	45.720	nq	99
63) Azobenzene	10.60	77	2634975	49.226	nq	95
65) 4,6-Dinitro-2-methylphenol	10.49	198	415409	71.371	nq	98
66) n-Nitrosodiphenylamine	10.56	169	2289414	50.243	nq	98
67) 4-Bromophenyl-phenylether	10.93	248	810211	51.253	nq	95
68) Hexachlorobenzene	10.99	284	862289	53.296	nq	96
69) Atrazine	11.09	200	688123	55.084	nq	98
70) Pentachlorophenol	11.19	266	954063	100.569	nq	99
71) Phenanthrene	11.41	178	3402835	47.279	nq	98
72) Anthracene	11.46	178	3527267	48.220	nq	99
73) Carbazole	11.61	167	3300127	45.580	nq	97
74) Di-n-butylphthalate	11.95	149	4244388	54.800	nq	# 96
75) Fluoranthene	12.60	202	3654837	46.922	nq	98
77) Benzidine	12.71	184	1042016	26.406	nq	98
78) Pyrene	12.83	202	3621142	47.320	nq	98
80) Butylbenzylphthalate	13.45	149	1867402	60.335	nq	98
81) Benzo(a)anthracene	14.02	228	2753876	45.418	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	658709	27.552	nq	98
83) Chrysene	14.05	228	2830425	45.231	nq	97
84) Bis(2-ethylhexyl)phthalate	14.01	149	2379799	64.501	nq	98
85) Di-n-octyl phthalate	14.62	149	4201113	64.743	nq	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	2660971	45.150	nq	97
88) Benzo(b)fluoranthene	15.06	252	2723867	50.525	nq	99
89) Benzo(k)fluoranthene	15.09	252	2631295	51.258	nq	100
90) Benzo(a)pyrene	15.43	252	2377045	48.517	nq	99
91) Dibenzo(a,h)anthracene	16.98	278	2158354	50.366	nq	98
92) Benzo(g,h,i)perylene	17.40	276	2158433	50.136	nq	96

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



#1

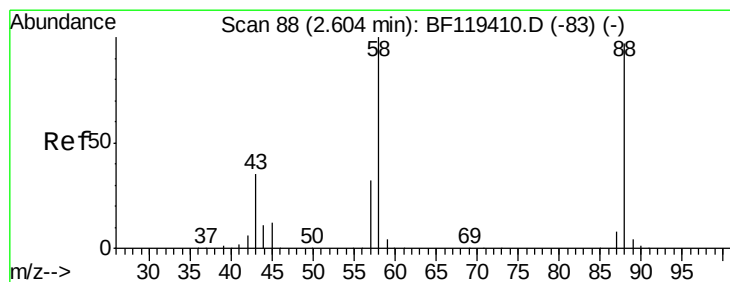
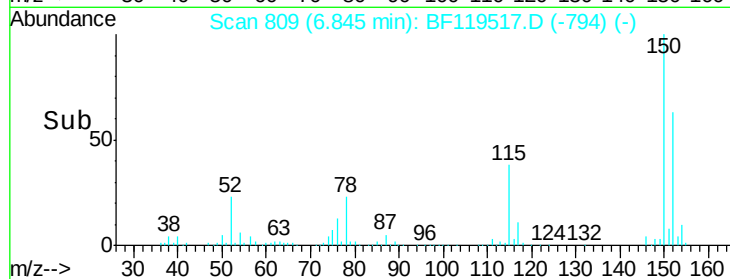
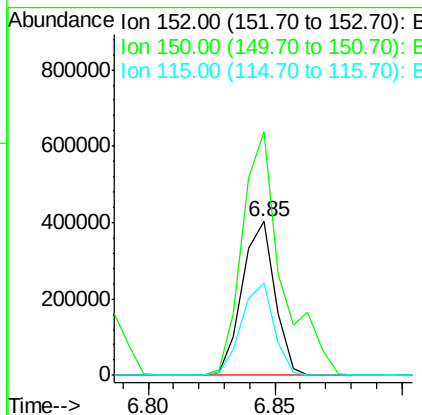
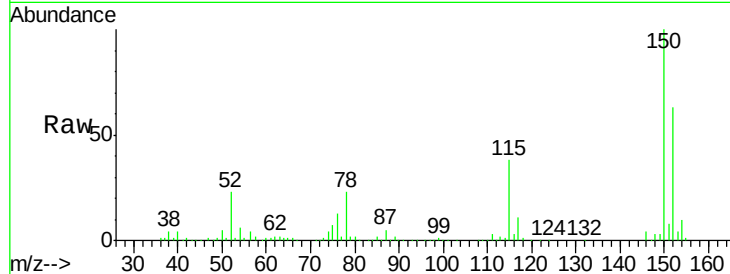
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	123.9	185.9
115	60.0	47.8	71.6

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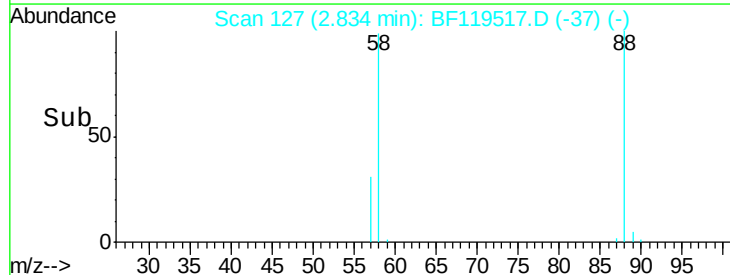
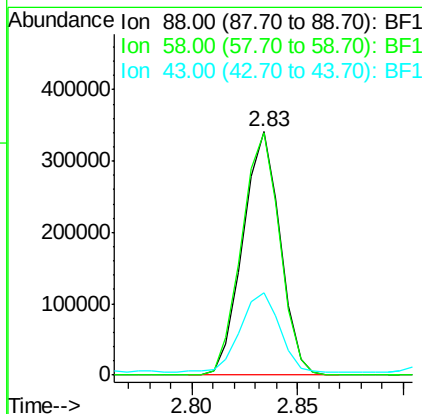
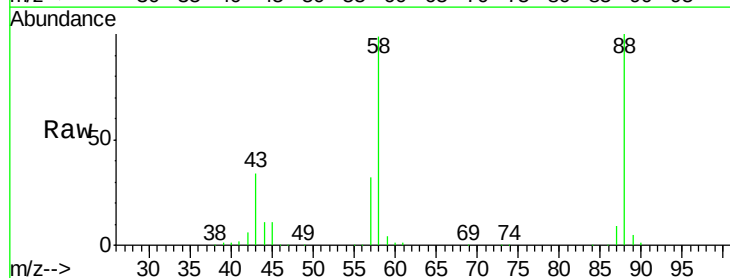
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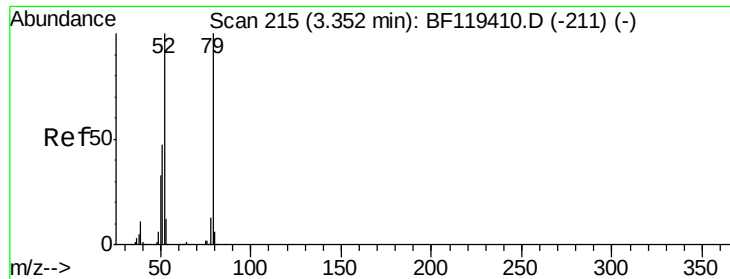


#2

1,4-Dioxane
Concen: 37.247 ng
RT: 2.83 min Scan# 127
Delta R.T. 0.23 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.3	79.4	119.2
43	34.2	28.4	42.6





#3

Pvridine

Concen: 27.569 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.16 min

Lab File: BF119517.D

Acq: 25 Mar 2020 22:13

Instrument :

BNA_F

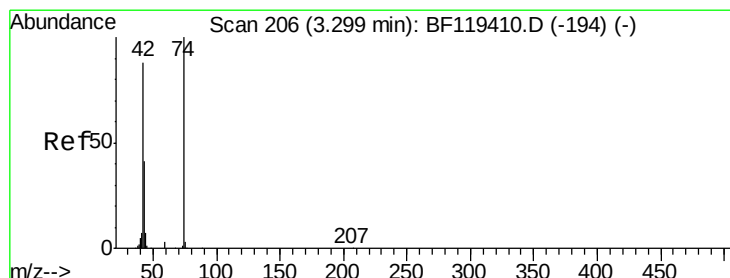
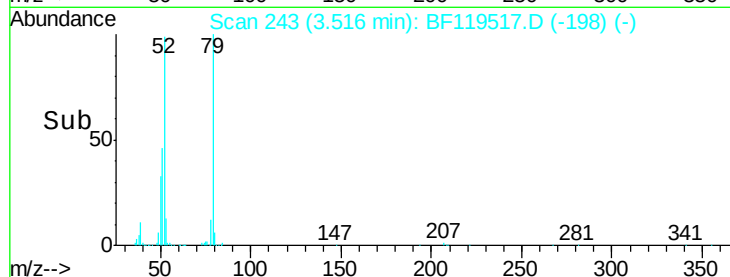
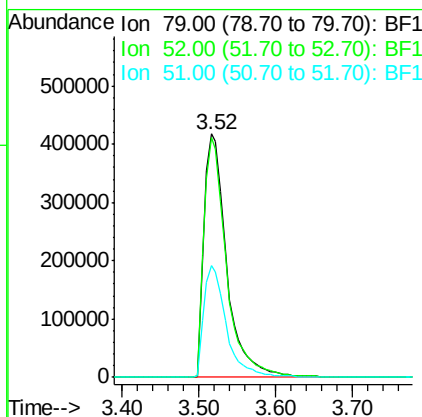
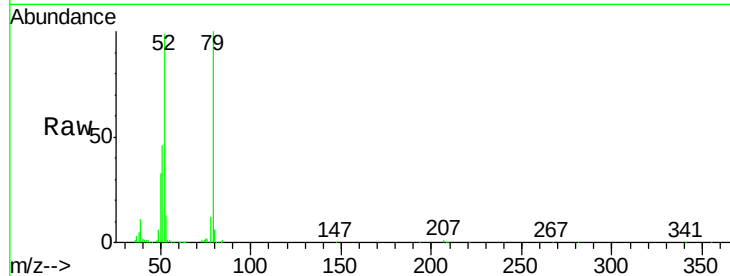
ClientSampleId :

NB-08-032420MSD

Tot Ion:	79	Resp:	853813
Ion Ratio	Lower	Upper	
79	100		
52	98.6	80.0	120.0
51	46.0	37.9	56.9

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#4

n-Nitrosodimethylamine

Concen: 42.475 ng

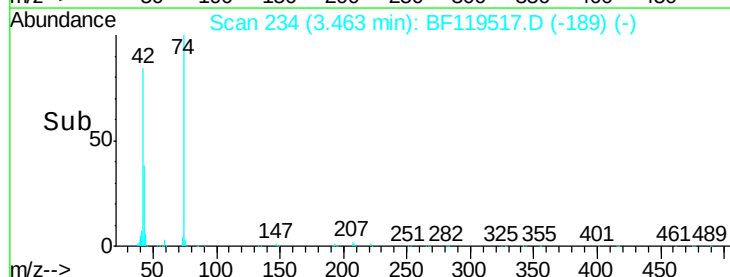
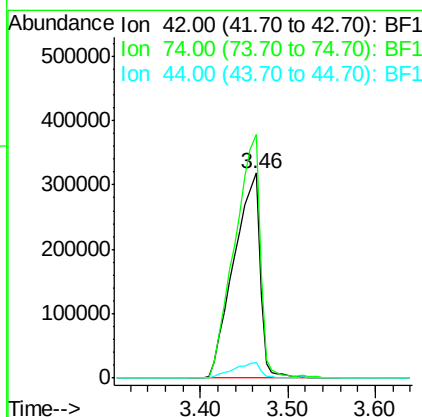
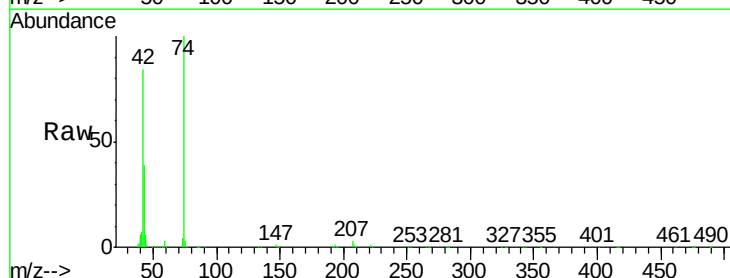
RT: 3.46 min Scan# 234

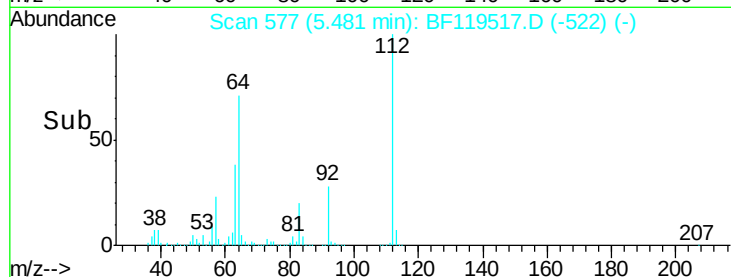
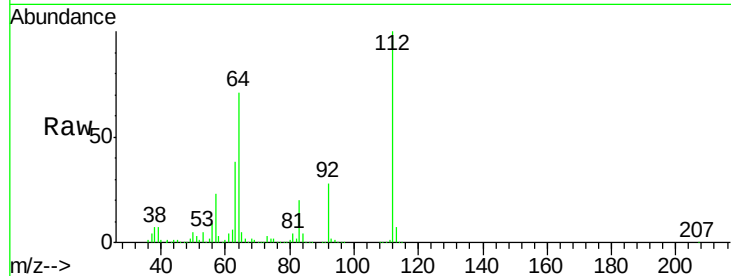
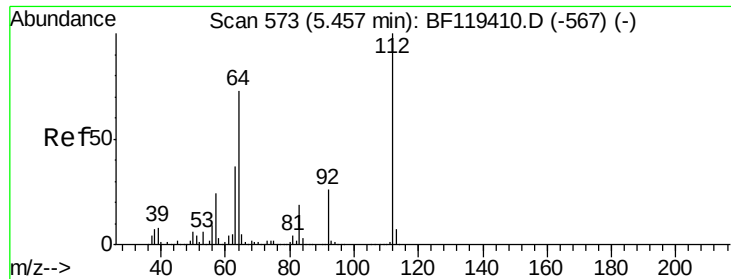
Delta R.T. 0.16 min

Lab File: BF119517.D

Acq: 25 Mar 2020 22:13

Tgt Ion:	42	Resp:	641490
Ion Ratio	Lower	Upper	
42	100		
74	118.9	91.3	136.9
44	7.6	7.1	10.7





#5

2-Fluorophenol

Concen: 119.440 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF119517.D

Acq: 25 Mar 2020 22:13

Tot Ion:	112	Resp:	2718581
Ion	Ratio	Lower	Upper
112	100		
64	71.4	58.1	87.1
63	37.6	29.7	44.5

Instrument :

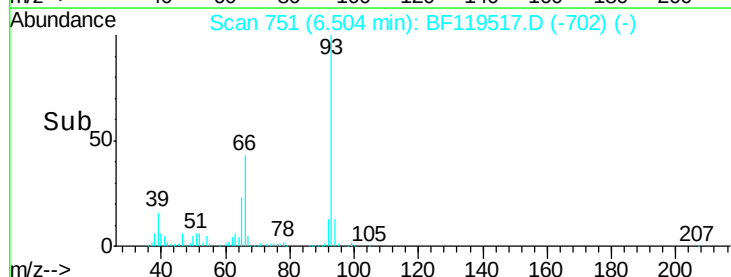
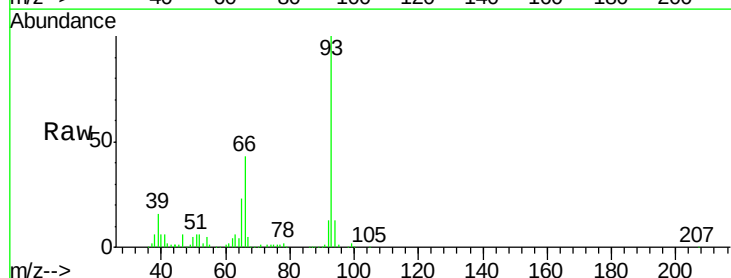
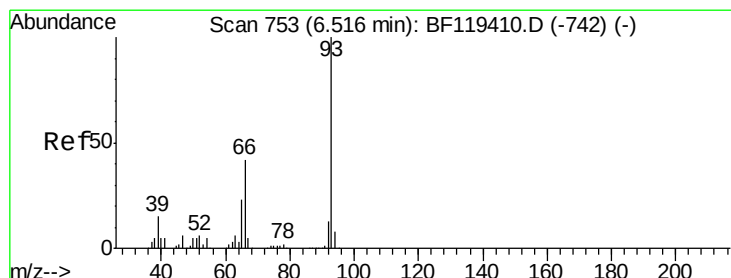
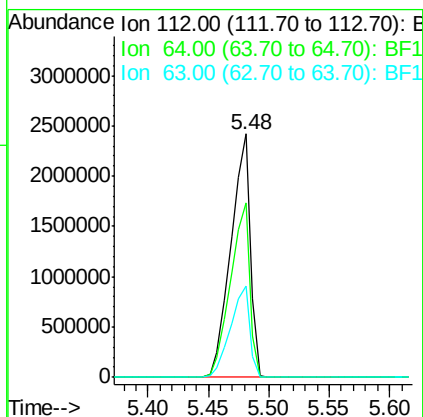
BNA_F

ClientSampleId :

NB-08-032420MSD

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#6

Aniline

Concen: 16.130 ng

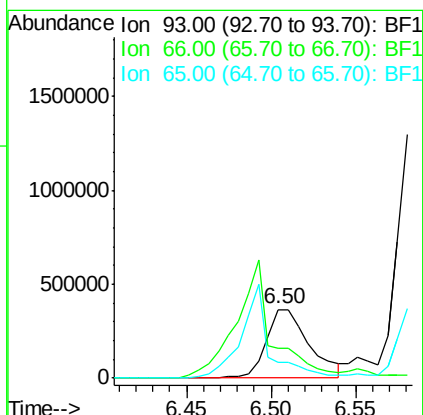
RT: 6.50 min Scan# 751

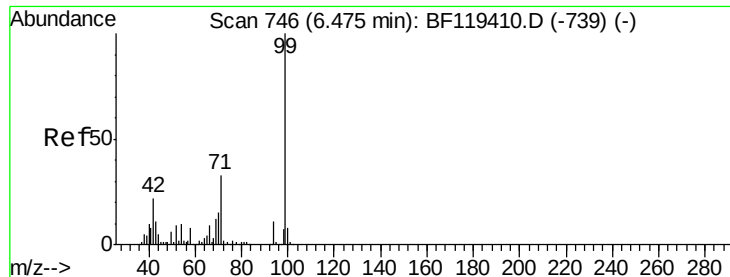
Delta R.T. -0.01 min

Lab File: BF119517.D

Acq: 25 Mar 2020 22:13

Tgt Ion:	93	Resp:	647262
Ion	Ratio	Lower	Upper
93	100		
66	43.3	34.2	51.4
65	23.3	18.2	27.4





#7

Phenol-d6

Concen: 113.731 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF119517.D

Acq: 25 Mar 2020 22:13

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MSD

Tot Ion: 99 Resp: 3306807

Ion Ratio Lower Upper

99 100

42 21.0 17.8 26.6

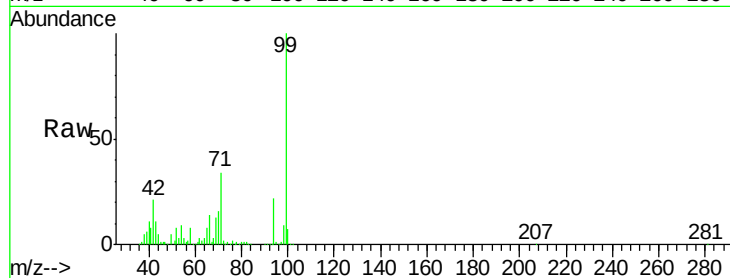
71 34.1 26.0 39.0

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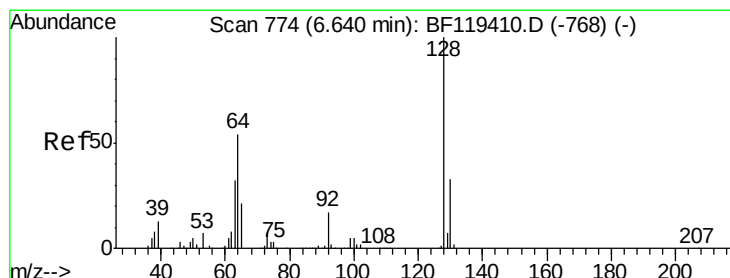
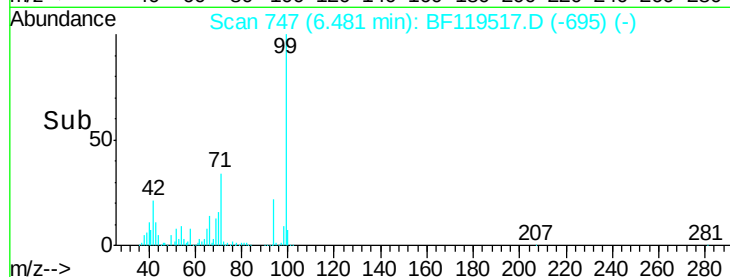
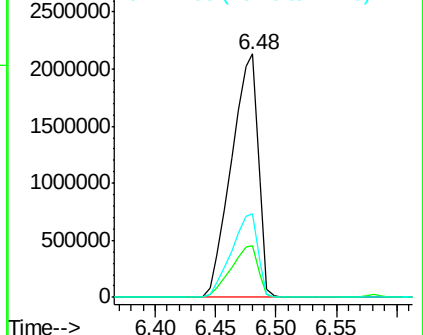
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 53.414 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF119517.D

Acq: 25 Mar 2020 22:13

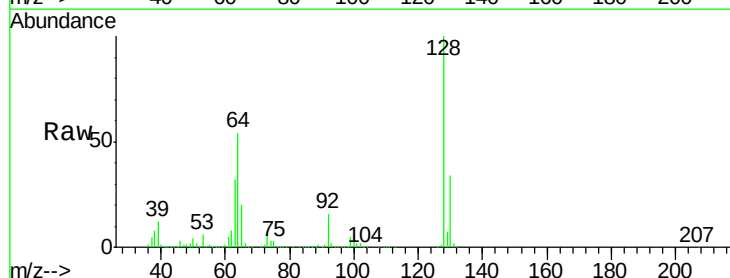
Tgt Ion: 128 Resp: 1276897

Ion Ratio Lower Upper

128 100

130 33.6 13.0 53.0

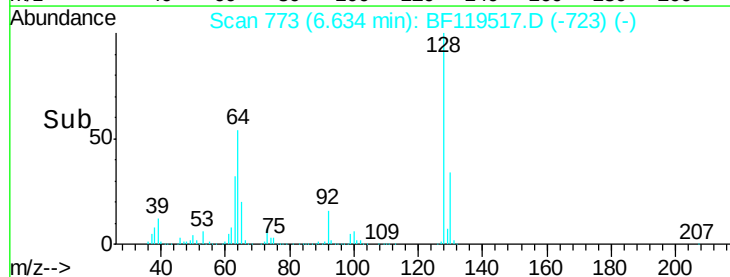
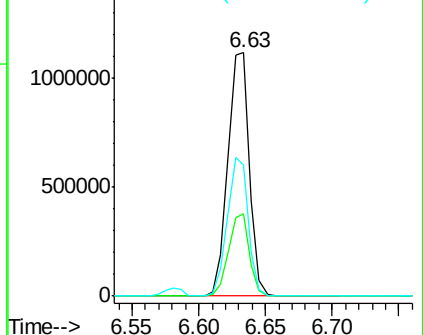
64 53.9 35.1 75.1

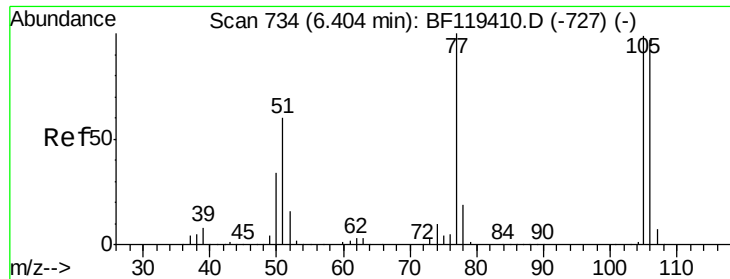


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





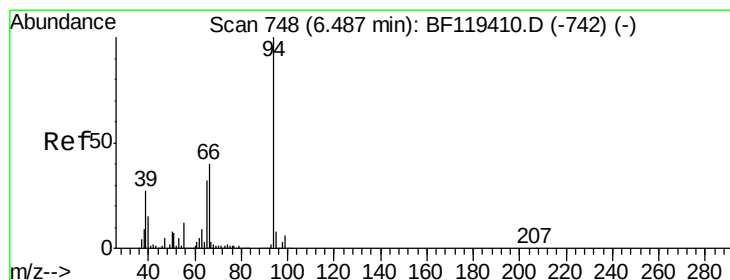
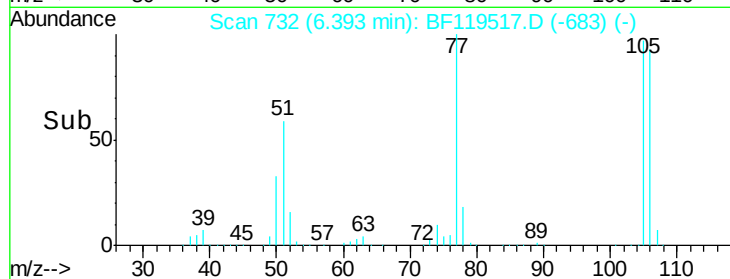
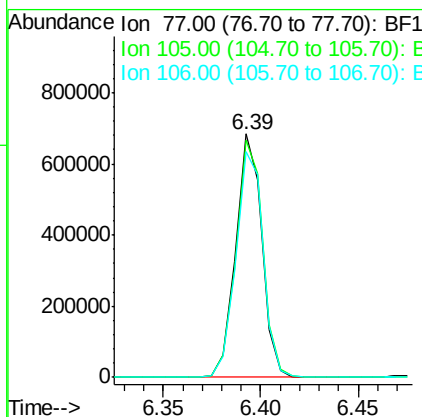
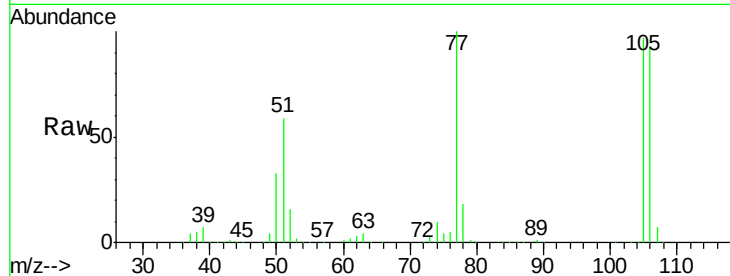
#9
Benzaldehyde
Concen: 34.288 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	97.3	78.6	118.6	
106	92.8	76.5	116.5	

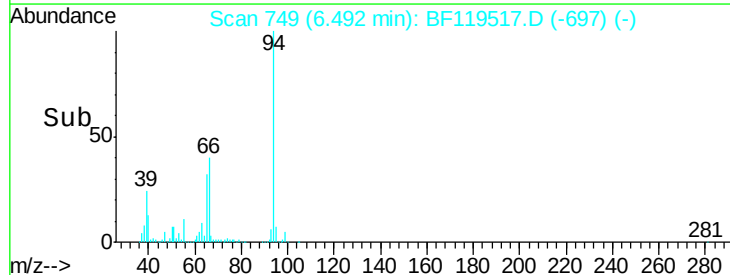
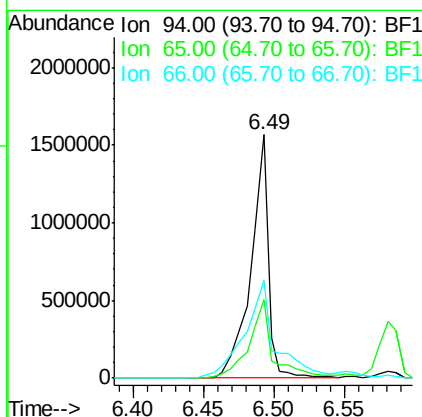
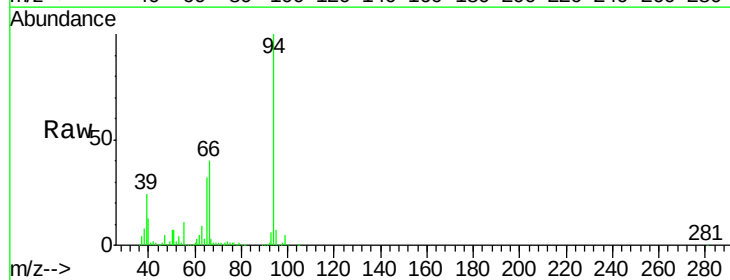
Manual Integrations
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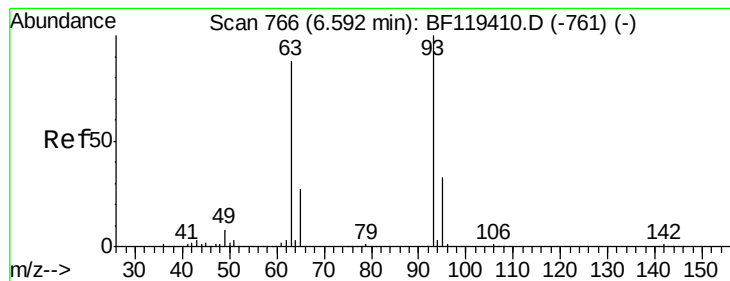
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#10
Phenol
Concen: 44.219 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	32.1	12.0	52.0	
66	40.3	20.6	60.6	





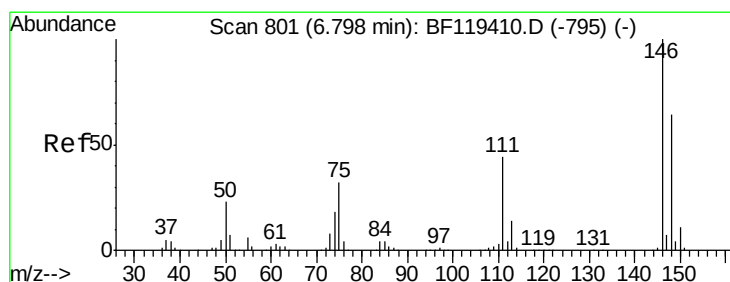
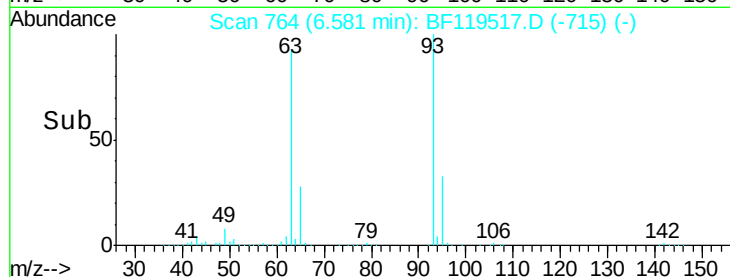
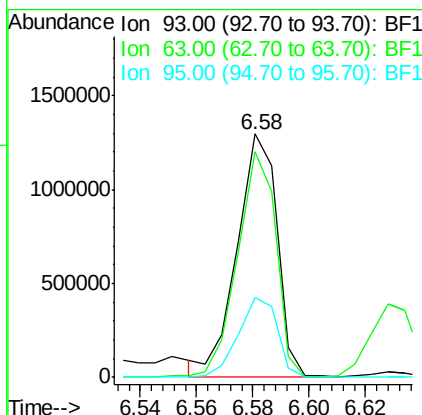
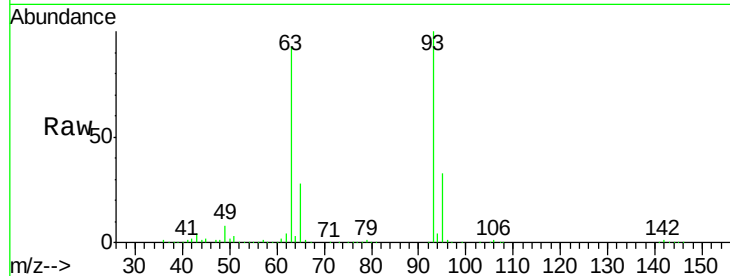
#11
bis(2-Chloroethyl)ether
Concen: 50.918 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	92.7	68.4	108.4
95	32.5	13.4	53.4

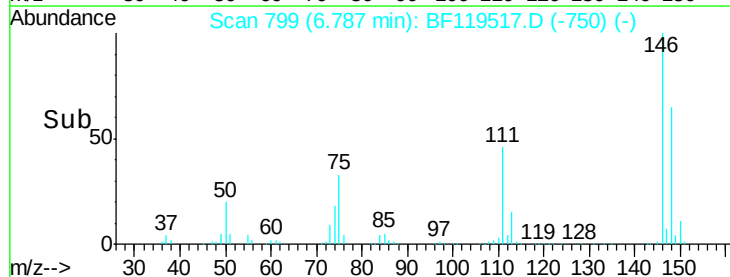
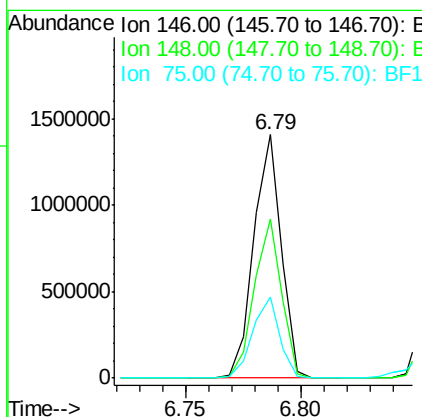
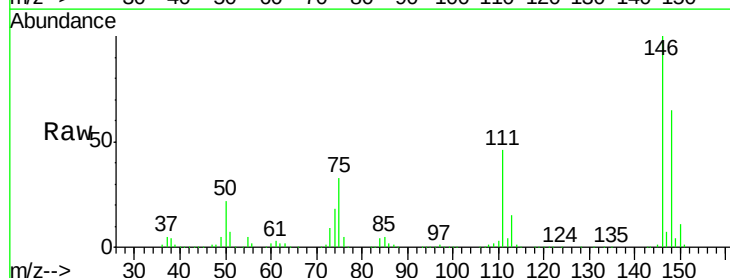
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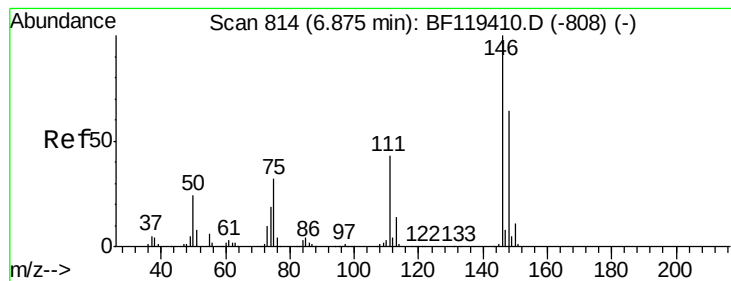
mohammad
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#12
1,3-Dichlorobenzene
Concen: 45.258 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.4	77.0
75	33.1	25.8	38.8





#13

1,4-Dichlorobenzene

Concen: 46.351 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF119517.D

Acq: 25 Mar 2020 22:13

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MSD

Tot Ion:146 Resp: 1199530

Ion Ratio Lower Upper

146 100

148 64.9 50.9 76.3

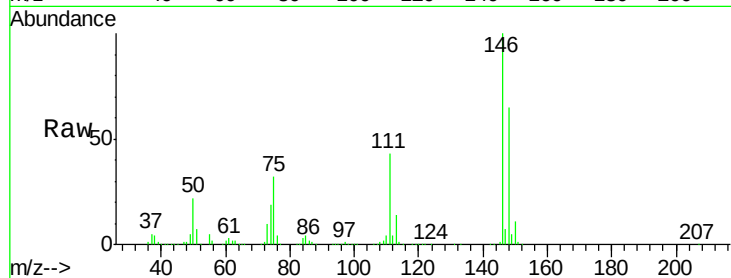
111 43.2 34.6 52.0

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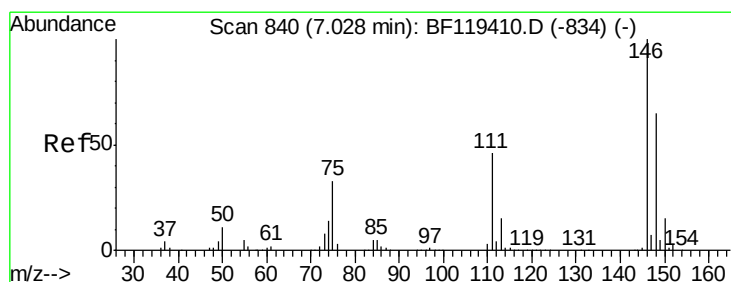
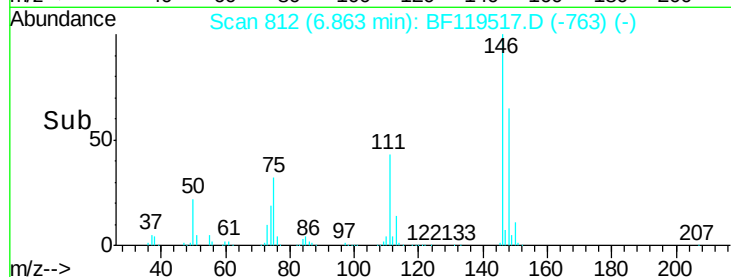
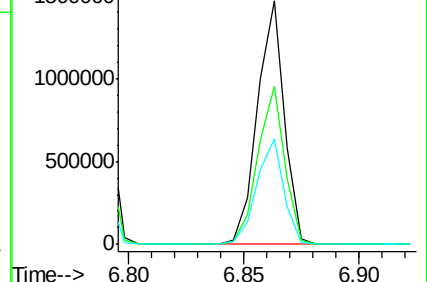
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Abundance Ion 146.00 (145.70 to 146.70): E

2000000 Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 46.106 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF119517.D

Acq: 25 Mar 2020 22:13

Tgt Ion:146 Resp: 1115295

Ion Ratio Lower Upper

146 100

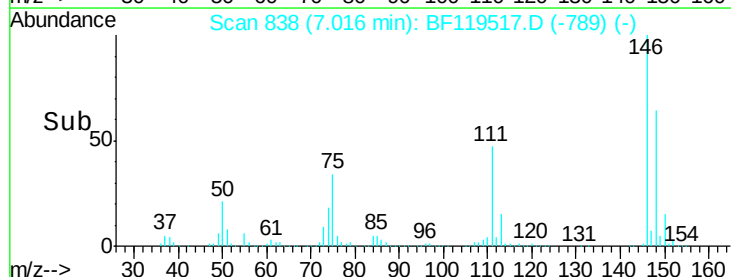
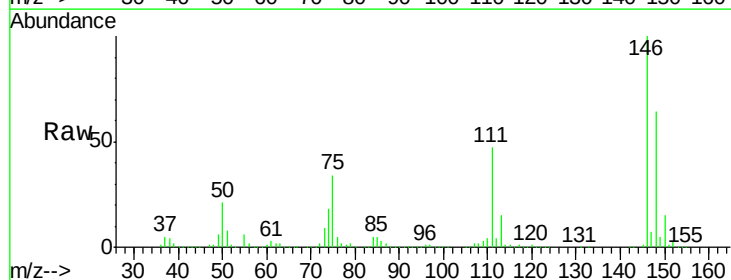
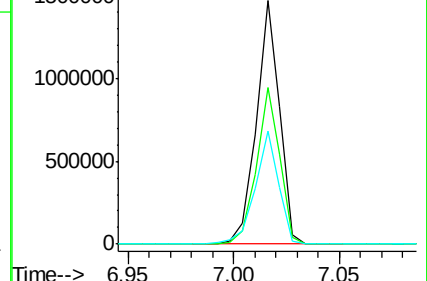
148 64.1 51.7 77.5

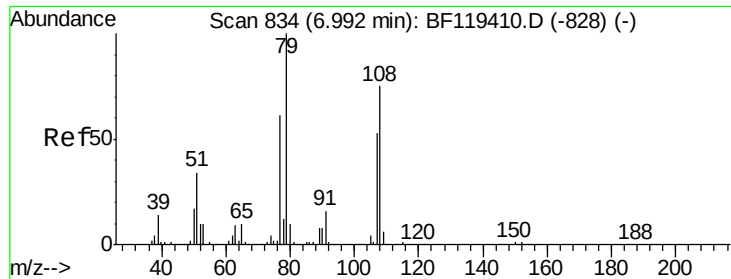
111 46.5 36.4 54.6

Abundance Ion 146.00 (145.70 to 146.70): E

2000000 Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





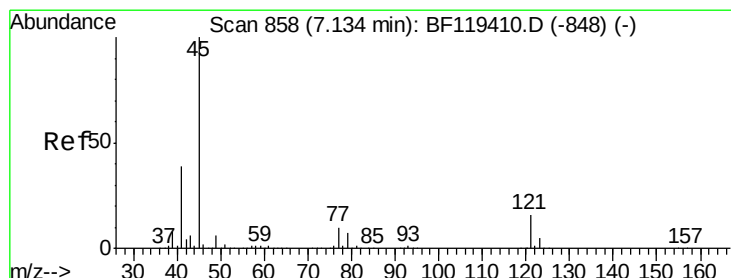
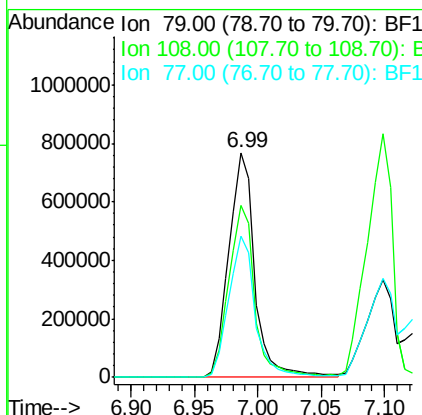
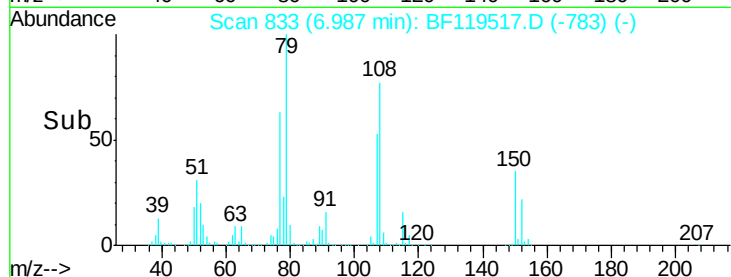
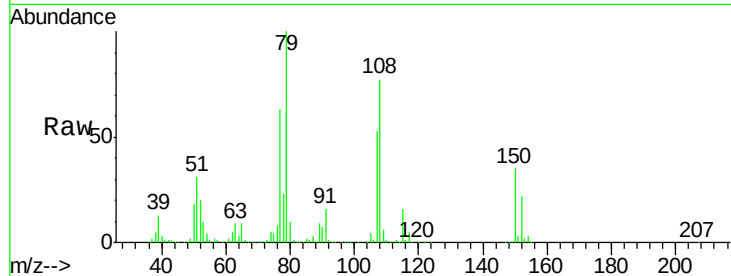
#15
Benzyl Alcohol
Concen: 49.787 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MSD

Tot Ion: 79 Resp: 1088908
Ion Ratio Lower Upper
79 100
108 76.5 60.4 90.6
77 63.0 49.0 73.4

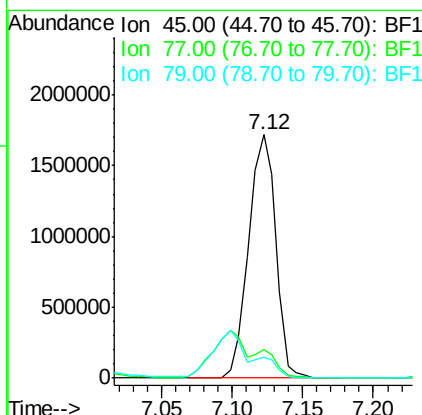
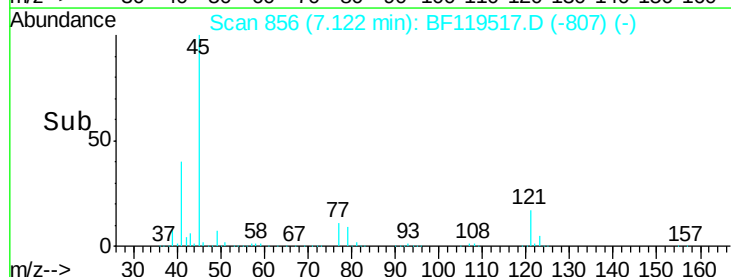
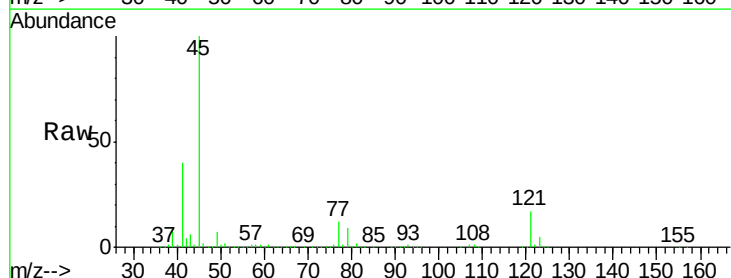
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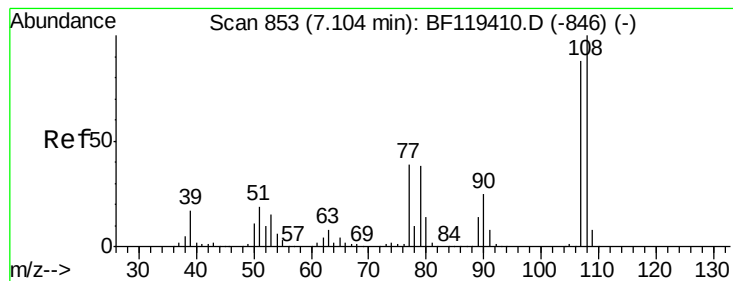
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#16
2,2'-oxybis(1-chloropropane)
Concen: 46.388 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Tgt Ion: 45 Resp: 2321670
Ion Ratio Lower Upper
45 100
77 11.6 0.0 30.1
79 8.7 0.0 27.4





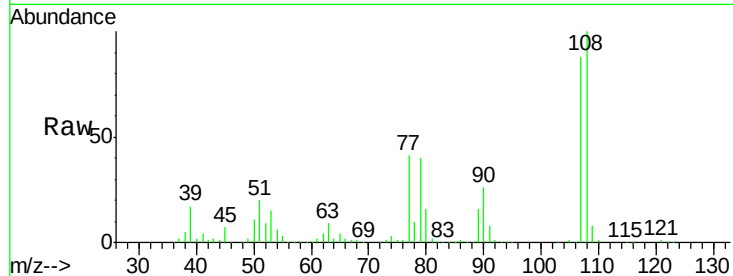
#17
2-Methylphenol
Concen: 46.046 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MSD

Tot Ion	107	Resp	1008535
Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.7	136.1
77	46.0	35.6	53.4
79	45.6	34.7	52.1

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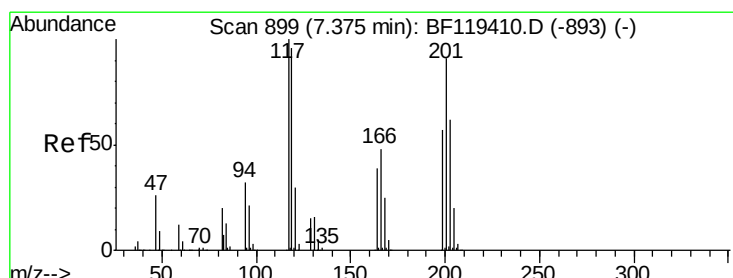
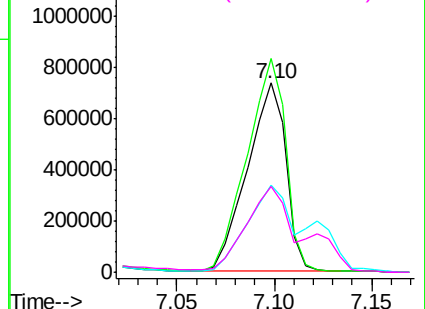
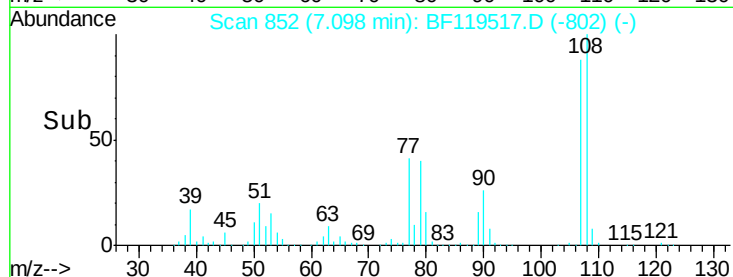
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

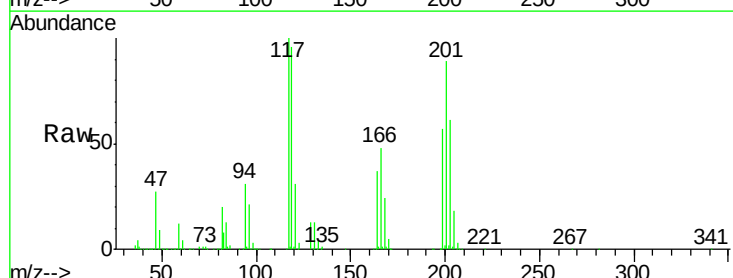
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 49.242 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Tgt Ion	117	Resp	467011
Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.8	115.2
201	88.8	72.5	108.7

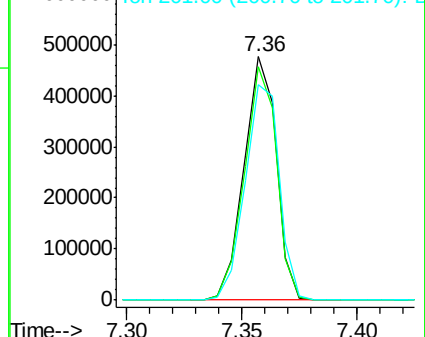
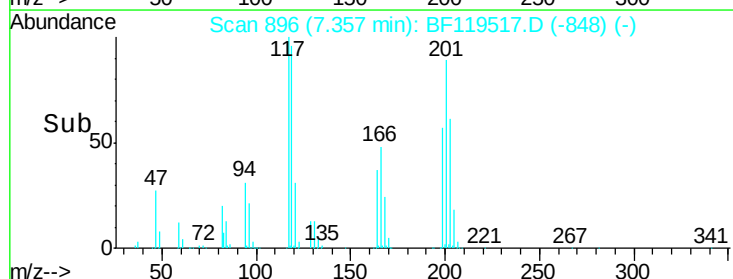


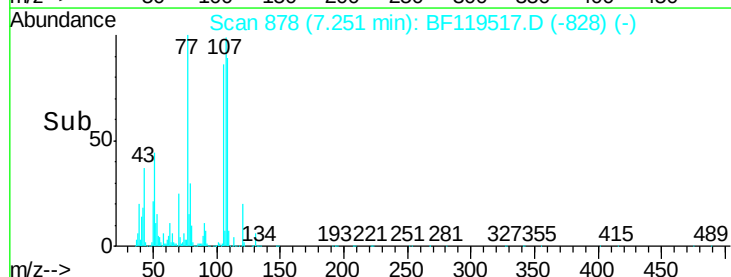
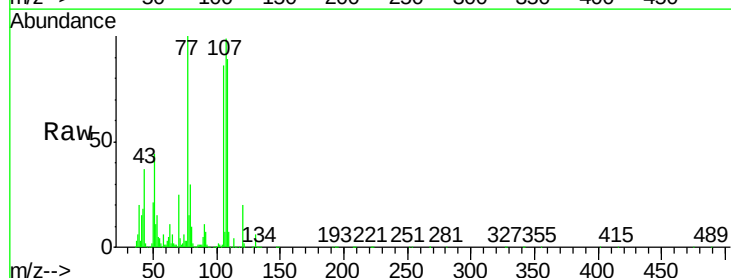
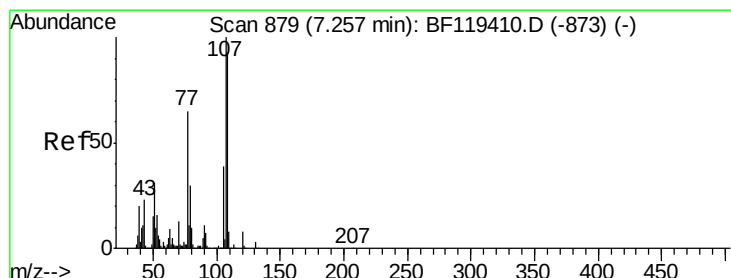
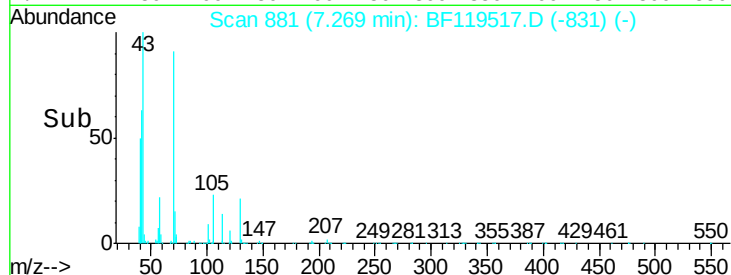
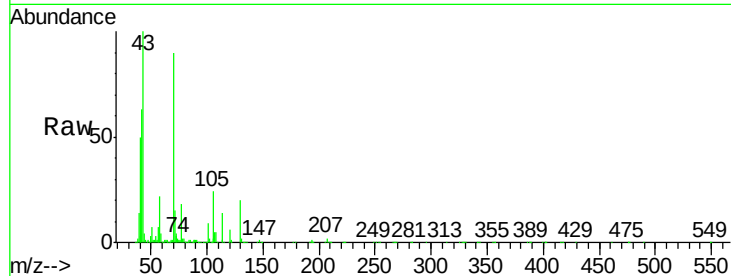
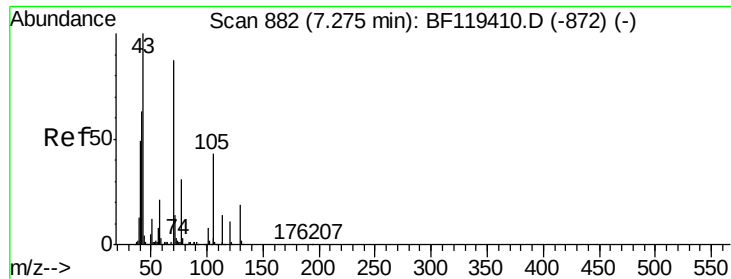
Abundance

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





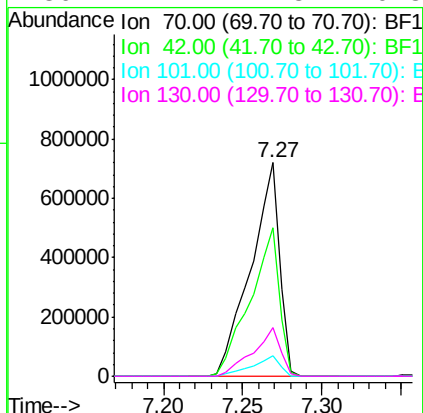
#19
n-Nitroso-di-n-propylamine
Concen: 52.301 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.4	58.2	87.4	
101	9.5	7.4	11.2	
130	22.7	17.8	26.8	

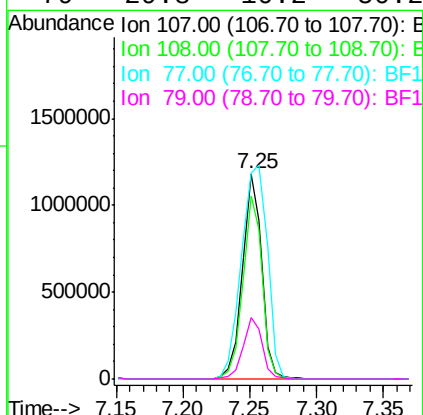
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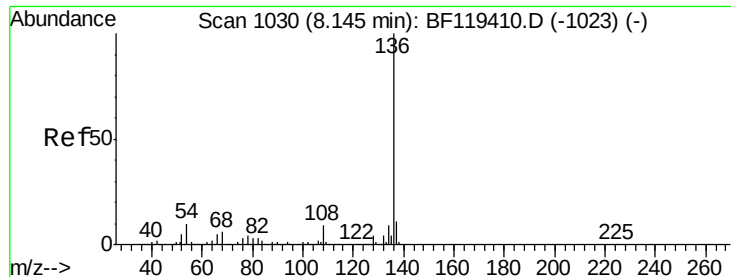
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#20
3+4-Methylphenols
Concen: 43.791 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.5	72.6	112.6	
77	100.6	44.7	84.7	
79	29.8	10.2	50.2	





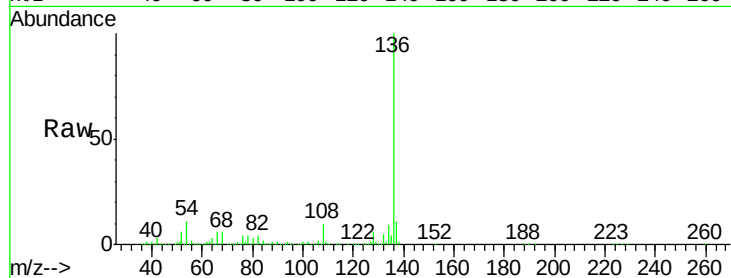
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MSD

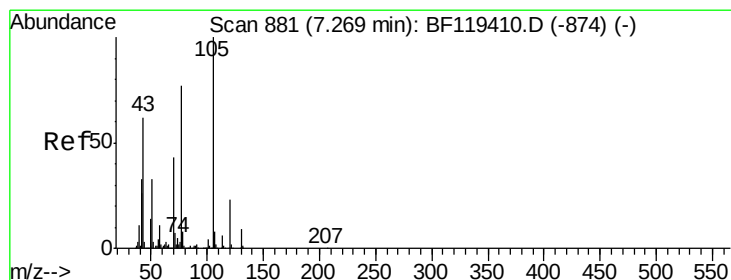
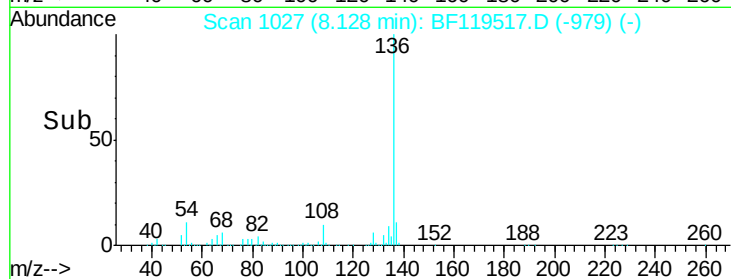
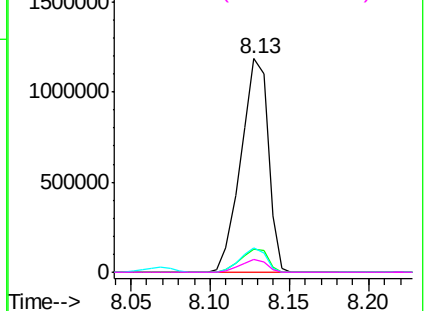
Tot Ion	136	Resp	1411967
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	11.2	8.3	12.5
68	5.8	4.9	7.3

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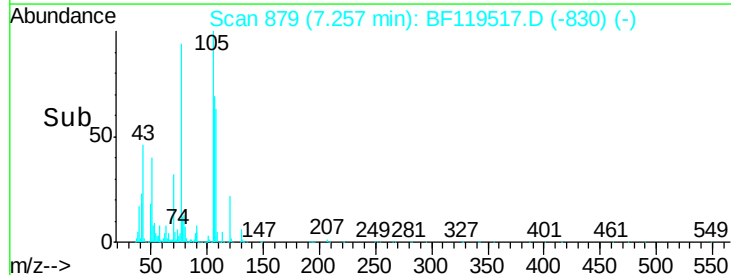
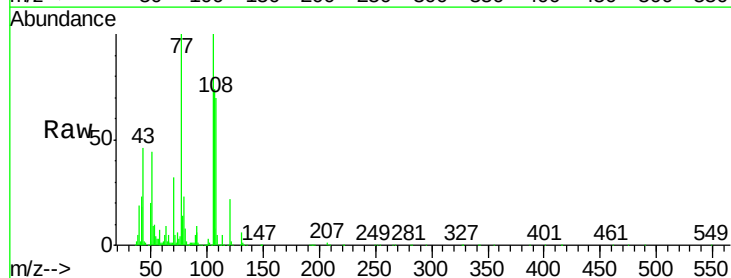
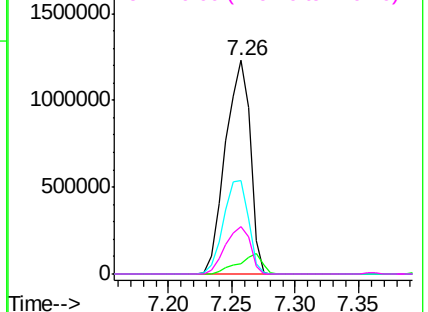
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

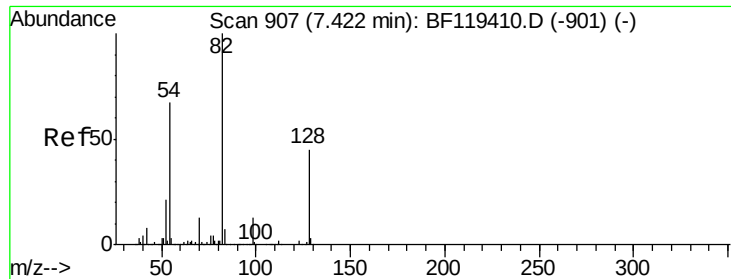


#22
Acetophenone
Concen: 49.192 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Tgt Ion	105	Resp	1659650
Ion	Ratio	Lower	Upper
105	100		
71	5.1	5.8	8.6#
51	43.7	26.8	40.2#
120	22.0	18.0	27.0

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





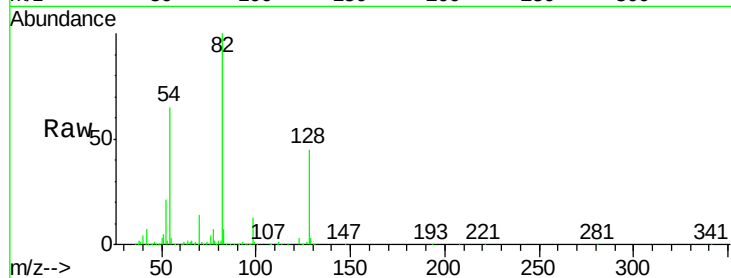
#23
 Nitrobenzene-d5
 Concen: 96.216 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF119517.D
 Acq: 25 Mar 2020 22:13

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MSD

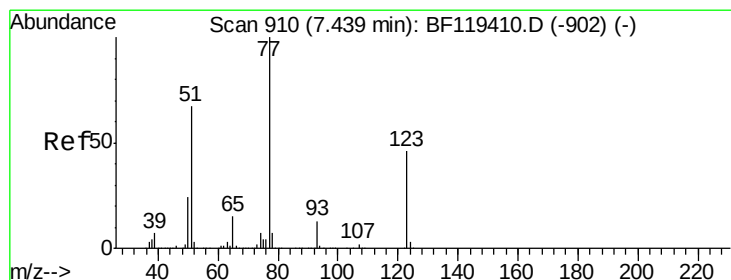
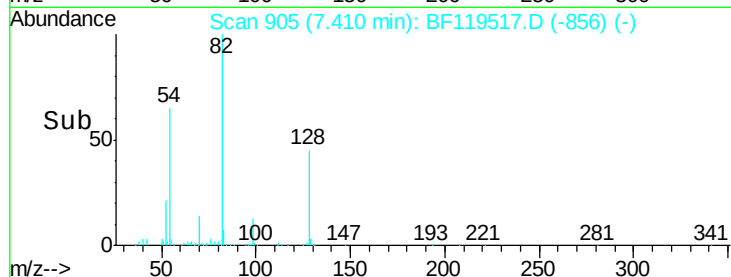
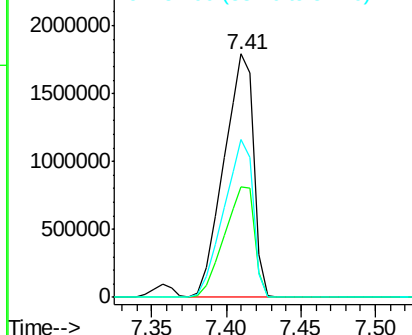
Tot Ion: 82 Resp: 2499702
 Ion Ratio Lower Upper
 82 100
 128 45.4 35.8 53.8
 54 64.8 53.4 80.0

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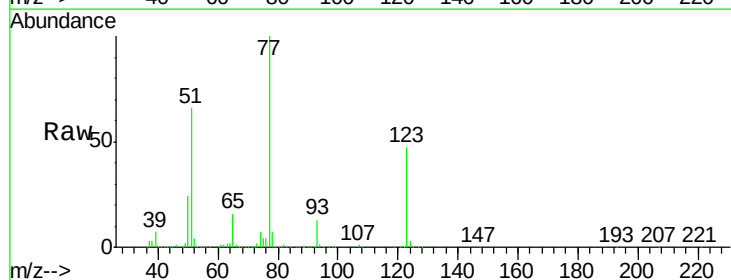


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

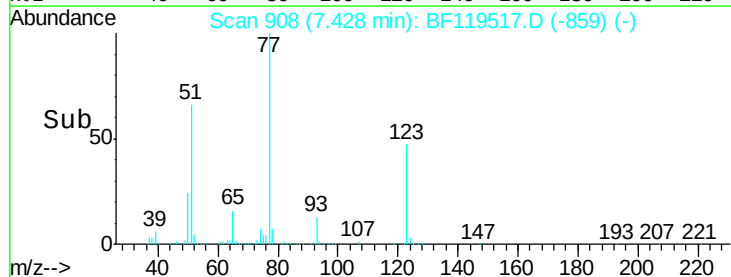
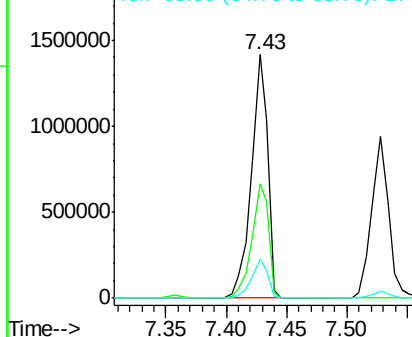


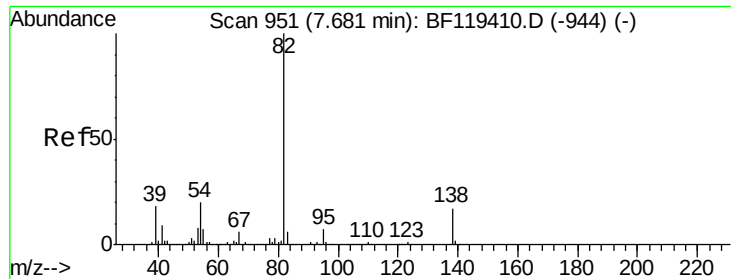
#24
 Nitrobenzene
 Concen: 48.308 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF119517.D
 Acq: 25 Mar 2020 22:13

Tgt Ion: 77 Resp: 1341247
 Ion Ratio Lower Upper
 77 100
 123 46.9 36.9 55.3
 65 15.8 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





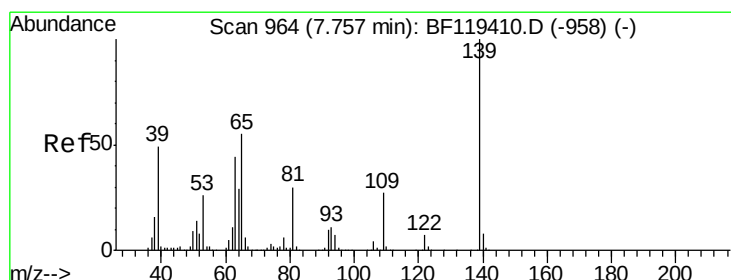
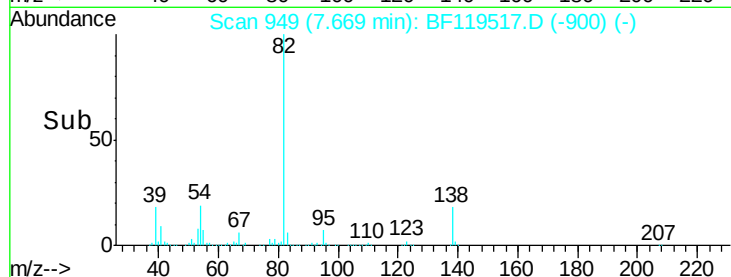
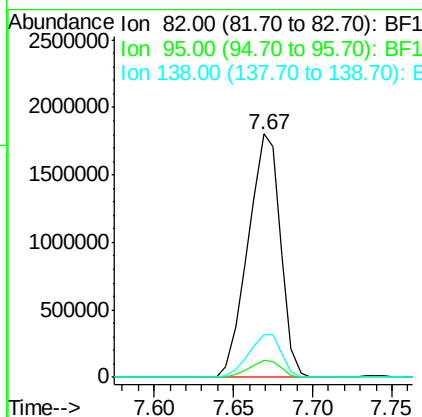
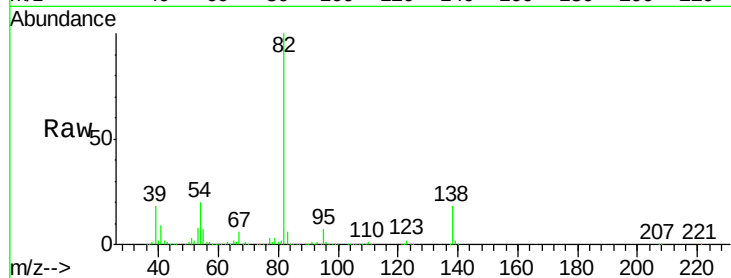
#25
Isophorone
Concen: 48.743 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MSD

Tot Ion: 82 Resp: 2568826
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 17.7 13.8 20.8

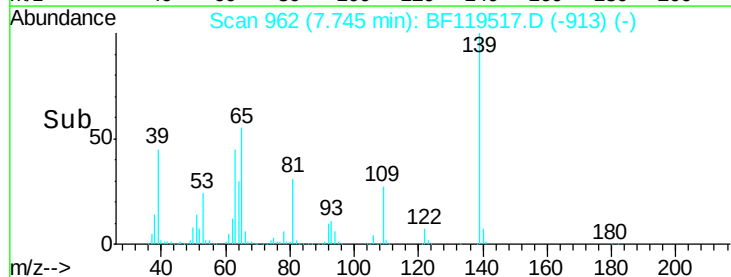
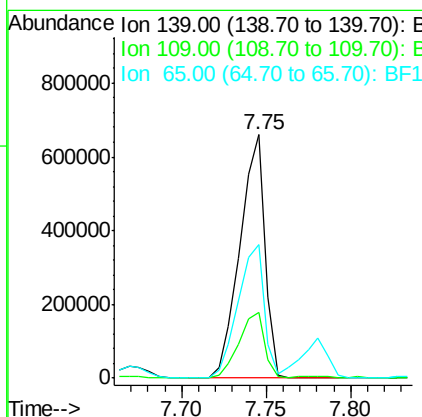
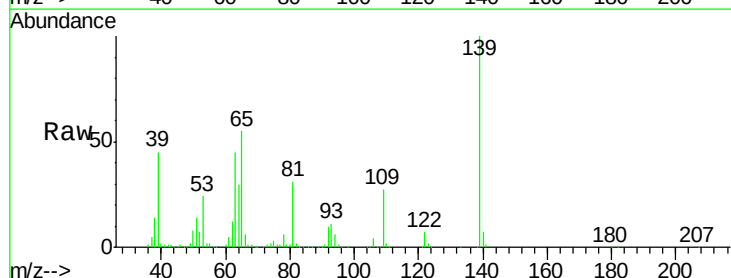
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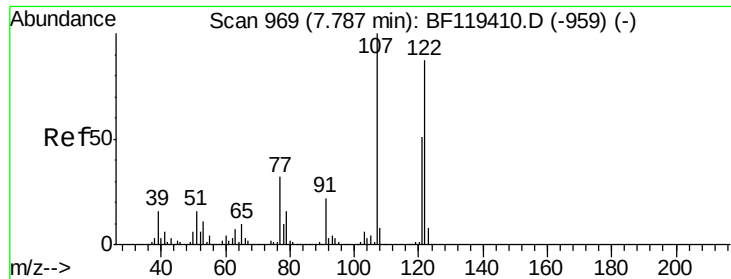
mohammad
3/27/2020 8:12:11 AM



#26
2-Nitrophenol
Concen: 62.803 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Tgt Ion: 139 Resp: 686563
Ion Ratio Lower Upper
139 100
109 27.2 21.7 32.5
65 55.0 43.9 65.9





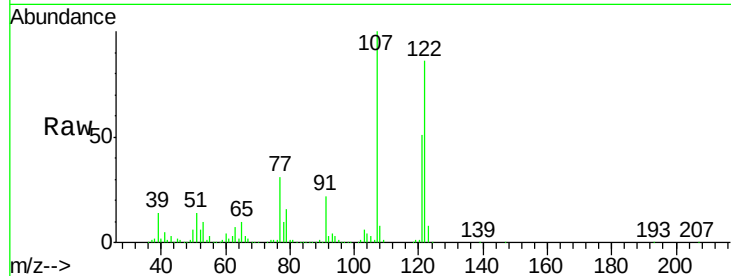
#27
2,4-Dimethylphenol
Concen: 50.046 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.7	91.8	137.6
121	59.2	46.5	69.7

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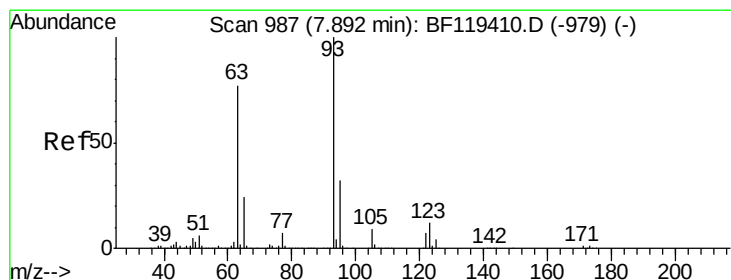
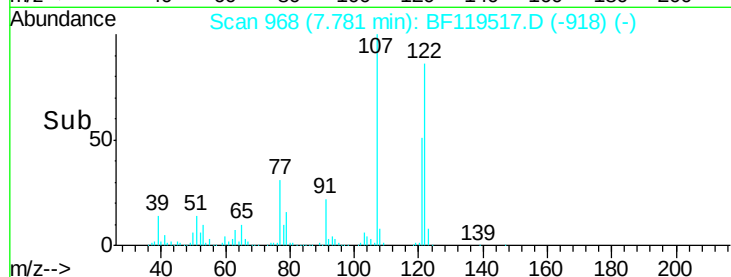
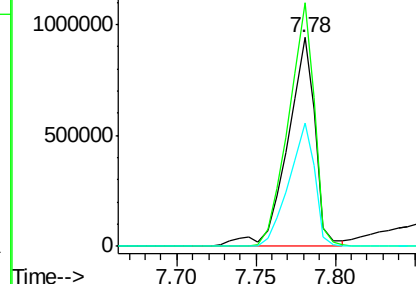


Abundance

Ion 122.00 (121.70 to 122.70): E

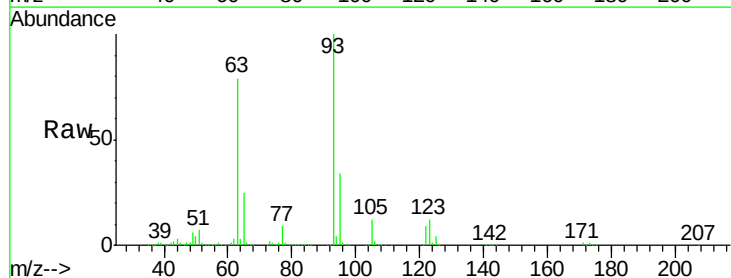
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 52.428 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	26.0	39.0
123	12.3	9.7	14.5

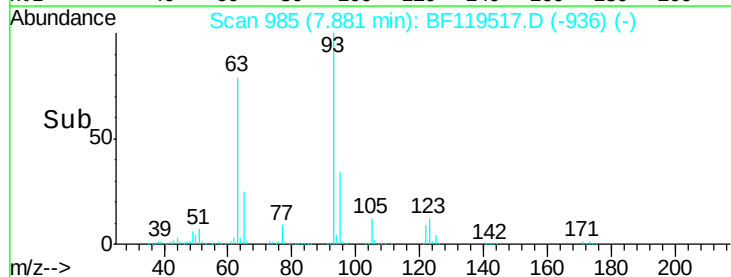
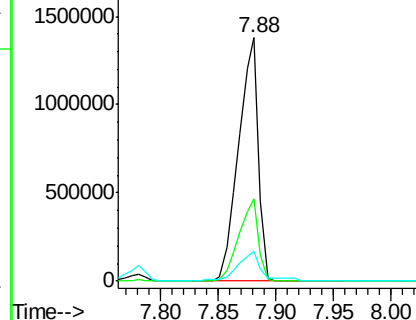


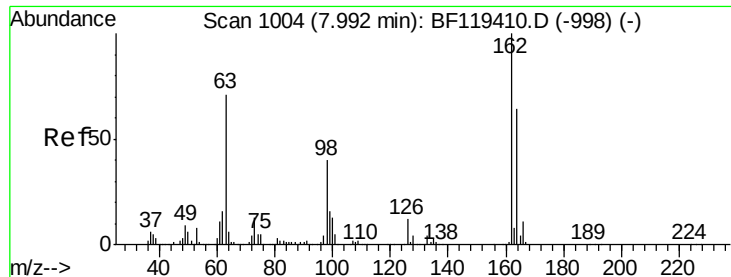
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





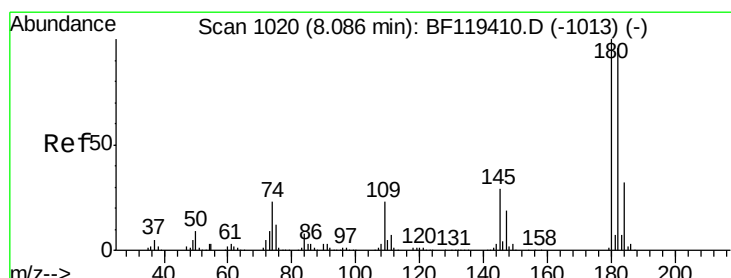
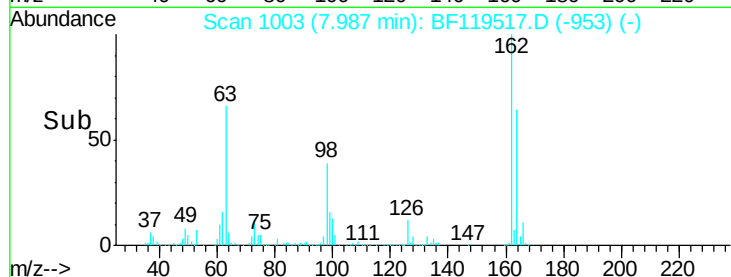
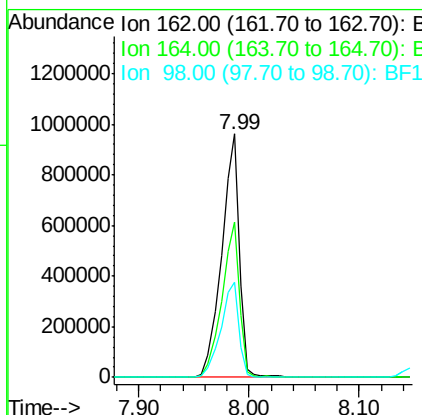
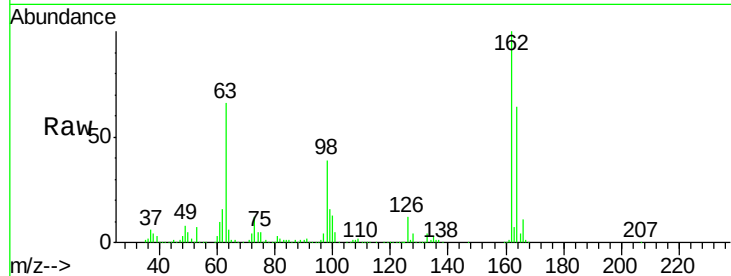
#29
2,4-Dichlorophenol
Concen: 51.401 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MSD

Tot Ion	Ion	Ratio	Lower	Upper
162	100			
164	64.0	43.6	83.6	
98	39.2	20.4	60.4	

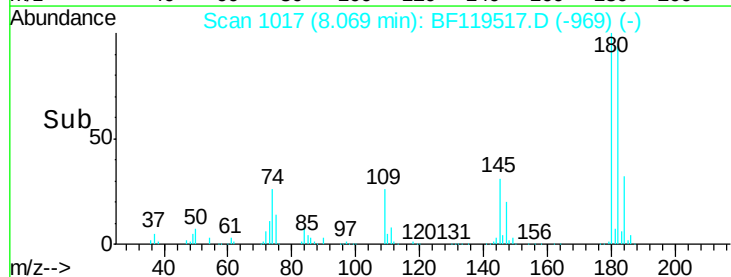
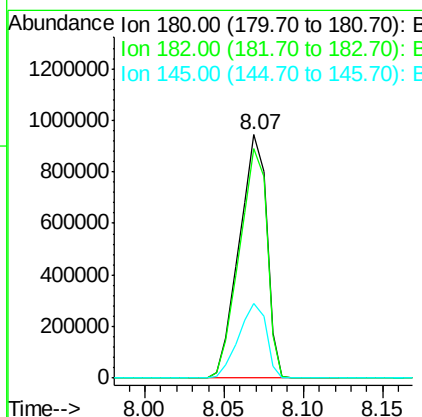
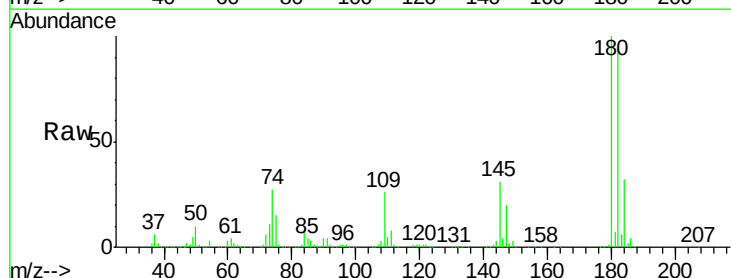
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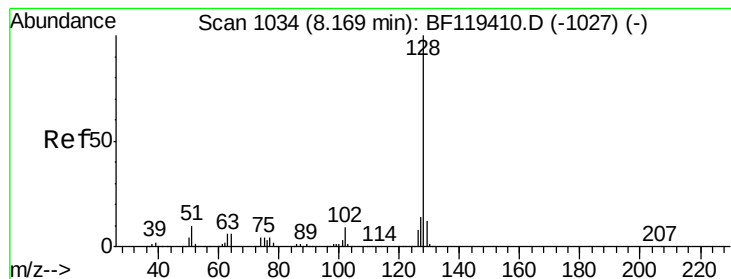
mohammad
3/27/2020 8:12:11 AM



#30
1,2,4-Trichlorobenzene
Concen: 49.437 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Tgt Ion	Ion	Ratio	Lower	Upper
180	100			
182	94.2	76.6	115.0	
145	30.9	23.2	34.8	





#31

Naphthalene

Concen: 47.183 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF119517.D

Acq: 25 Mar 2020 22:13

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MSD

Tot Ion:128 Resp: 3428389

Ion Ratio Lower Upper

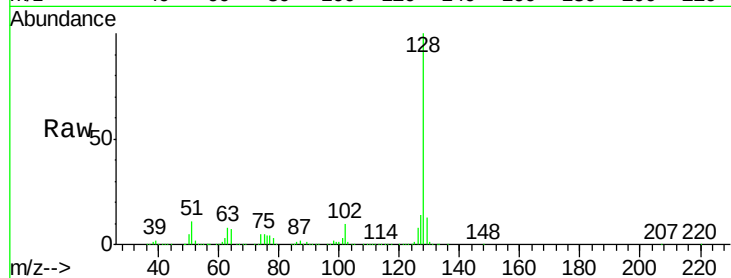
128 100

129 12.7 9.3 13.9

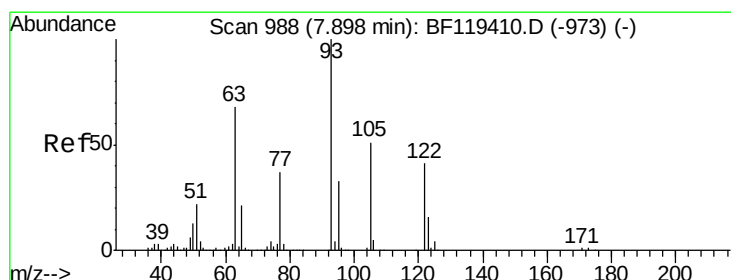
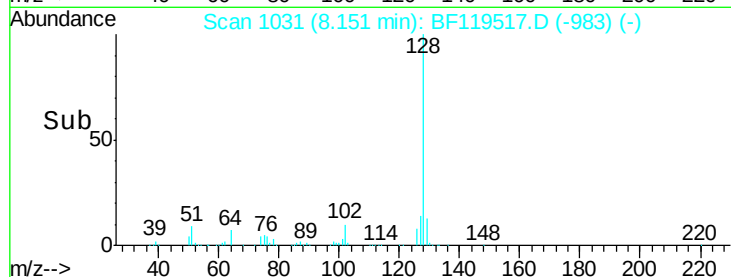
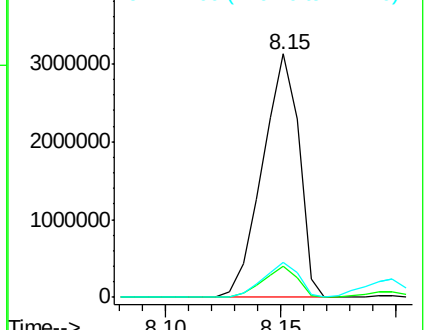
127 14.5 11.0 16.4

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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: 56.671 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.02 min

Lab File: BF119517.D

Acq: 25 Mar 2020 22:13

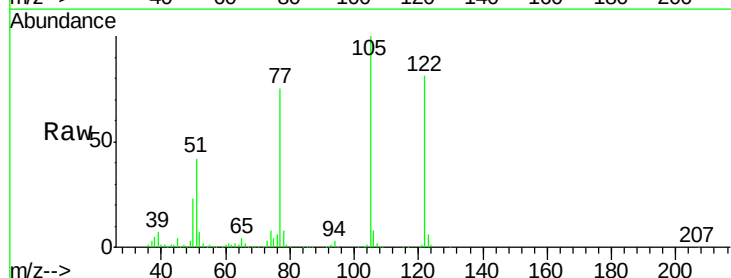
Tgt Ion:122 Resp: 824030

Ion Ratio Lower Upper

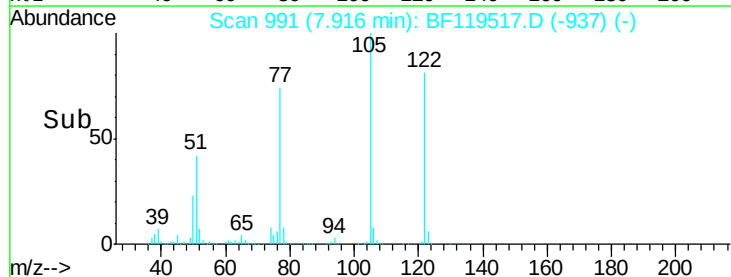
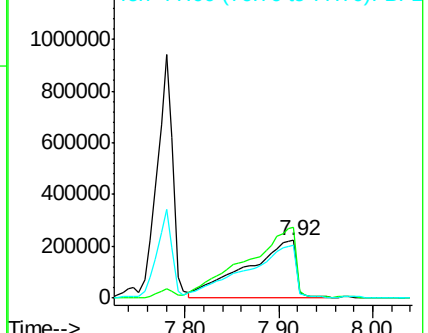
122 100

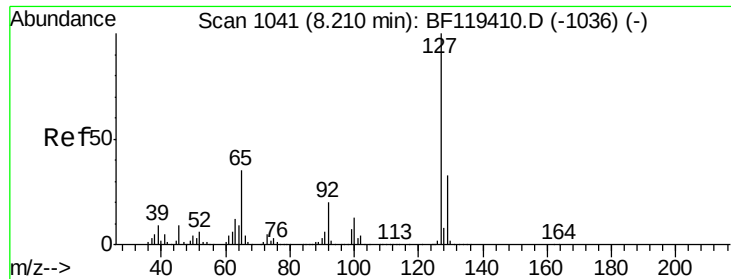
105 122.7 102.9 142.9

77 92.2 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





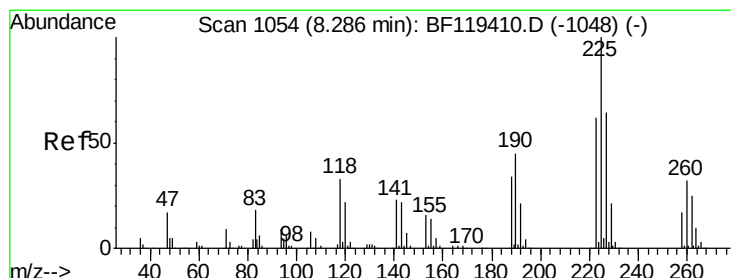
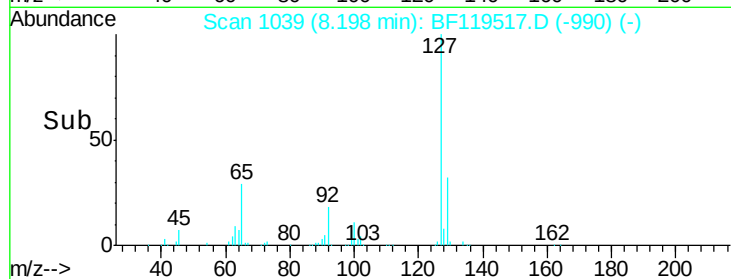
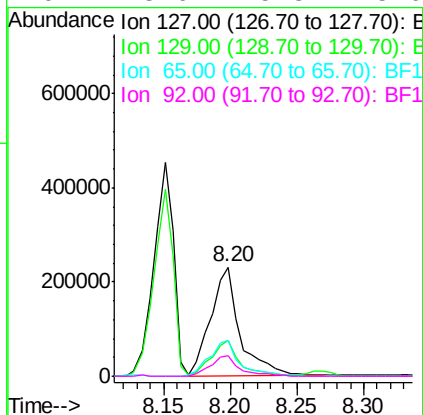
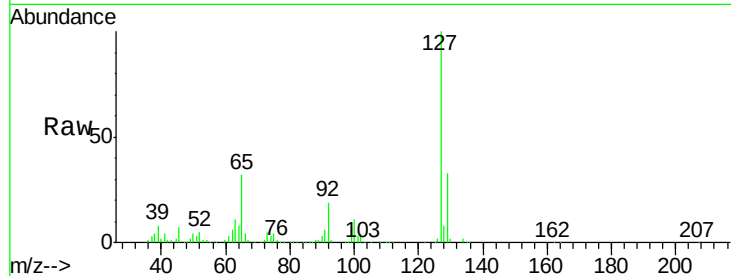
#33
4-Chloroaniline
Concen: 10.577 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		352170		
129	32.6	26.2	39.4		
65	32.5	27.7	41.5		
92	18.6	15.8	23.6		

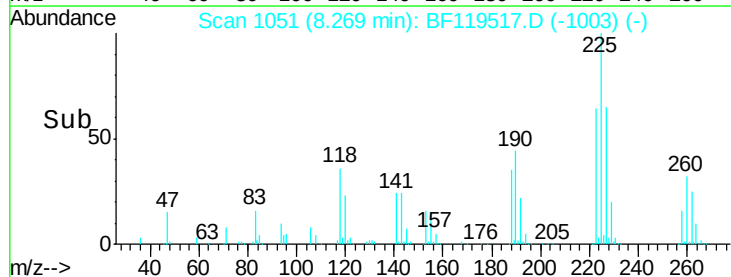
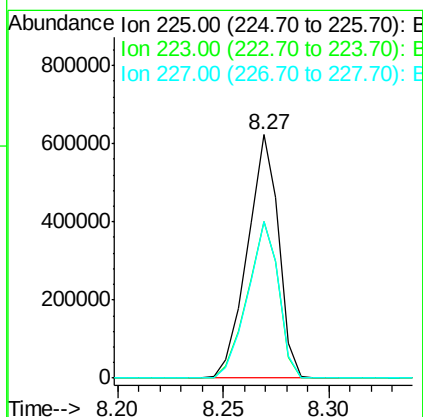
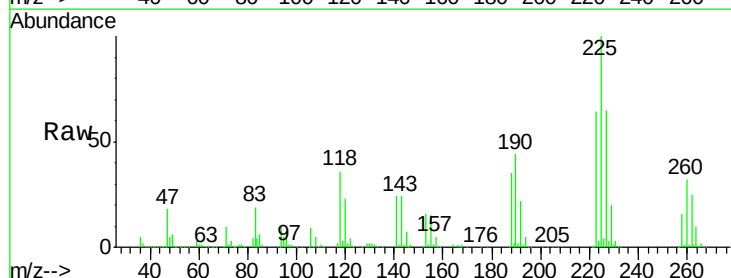
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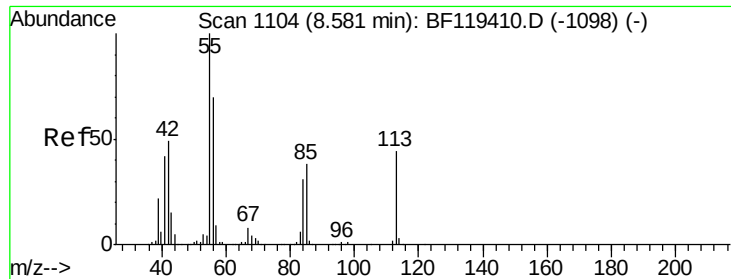
mohammad
3/27/2020 8:12:11 AM



#34
Hexachlorobutadiene
Concen: 49.582 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		637211		
223	64.5	49.2	73.8		
227	64.5	51.1	76.7		





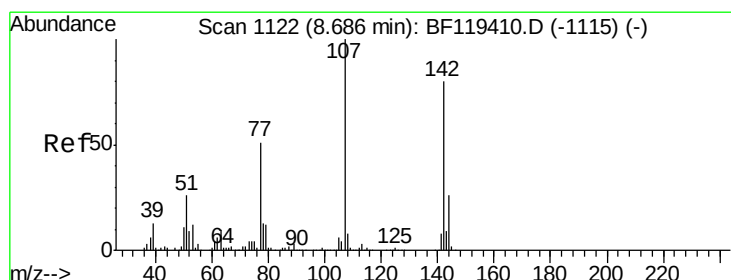
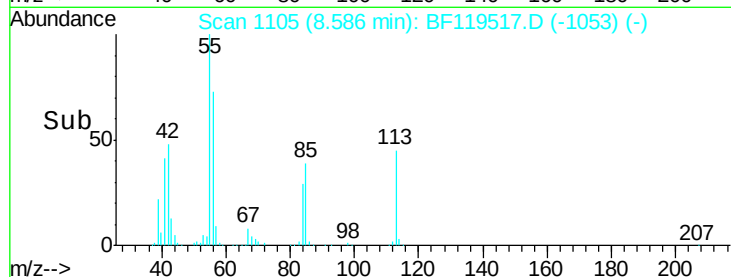
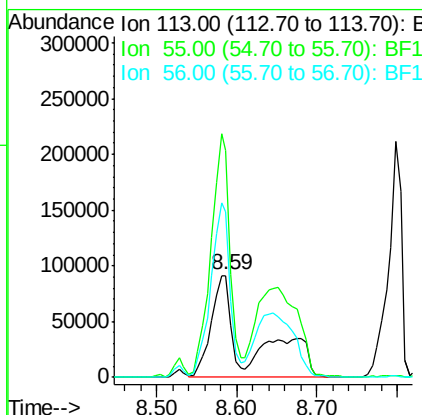
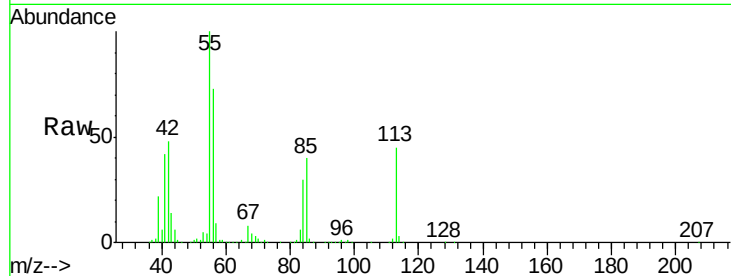
#35
Caprolactam
Concen: 43.641 ng/ml
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	222.4	208.4	248.4
56	162.6	138.9	178.9

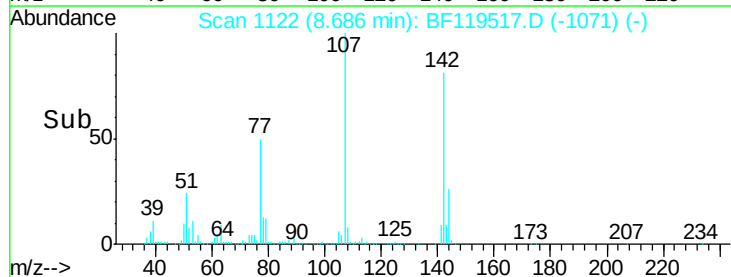
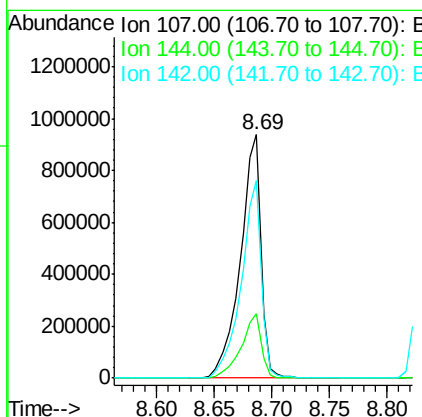
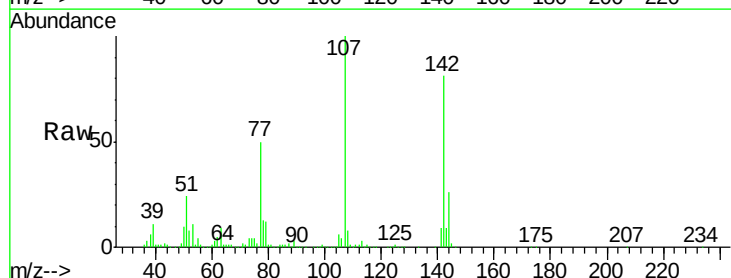
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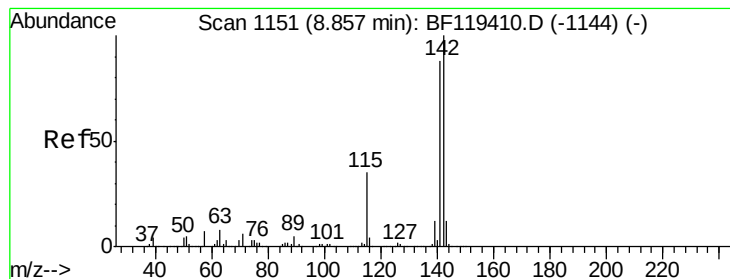
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 51.276 ng/ml
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.6	31.0
142	81.1	63.8	95.6





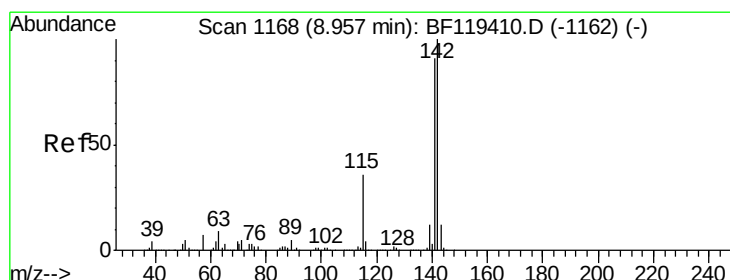
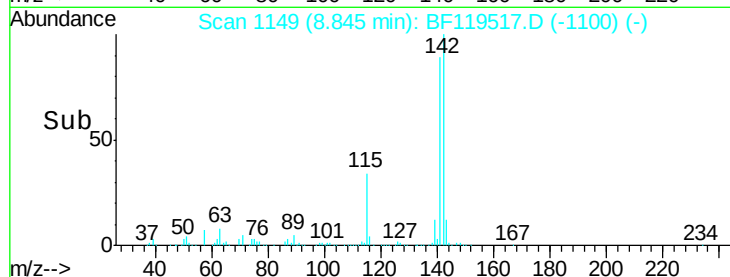
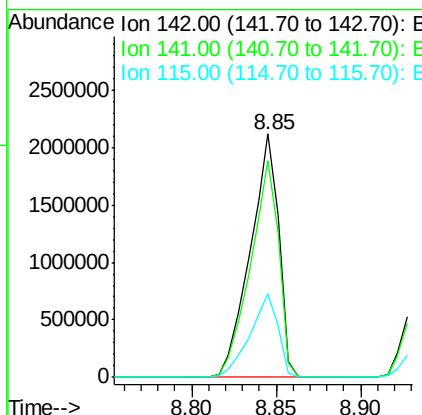
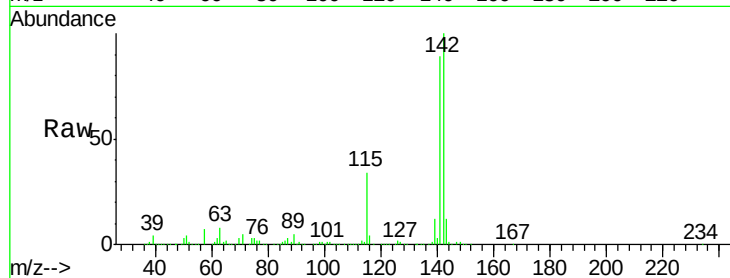
#37
2-Methylnaphthalene
Concen: 52.052 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.4	105.6
115	34.5	27.8	41.6

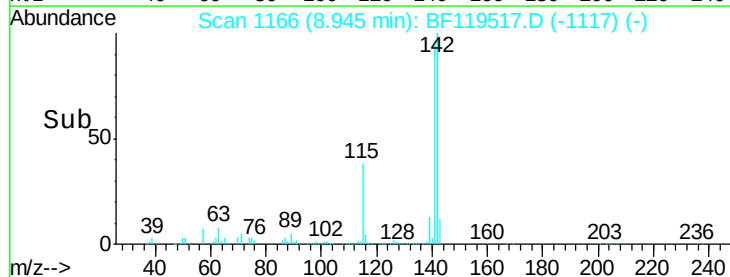
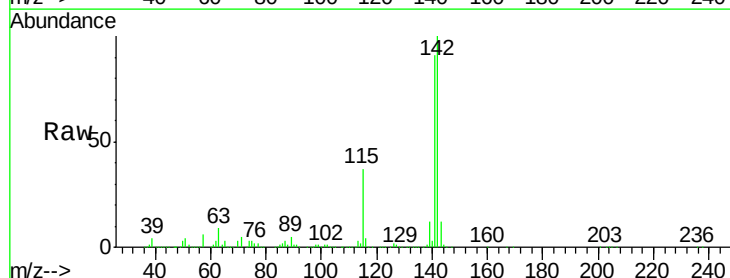
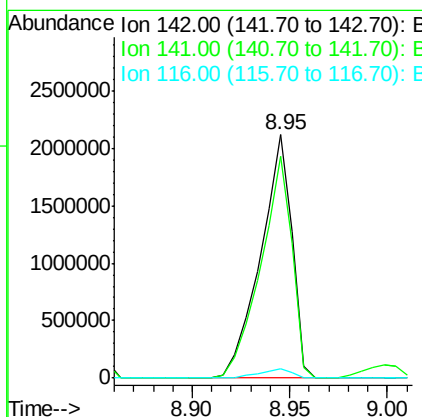
Manual Integrations
APPROVED

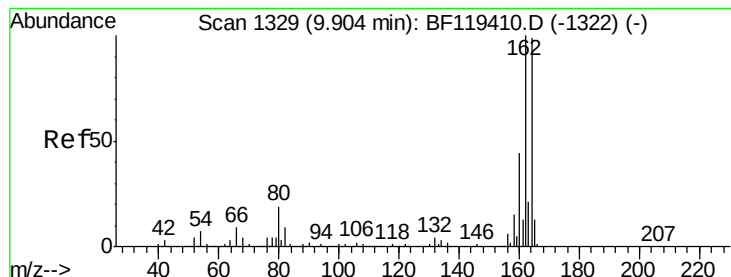
mohammad
3/27/2020 8:12:11 AM



#38
1-Methylnaphthalene
Concen: 52.047 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	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: BF119517.D

Acq: 25 Mar 2020 22:13

Instrument :

BNA_F

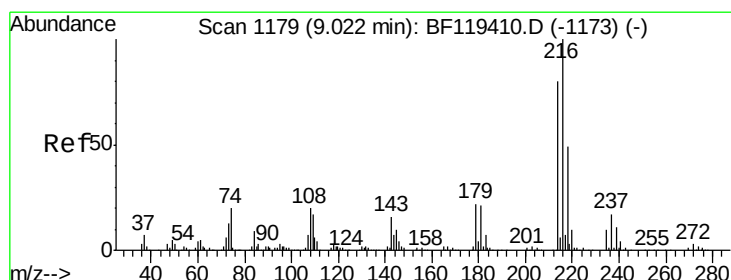
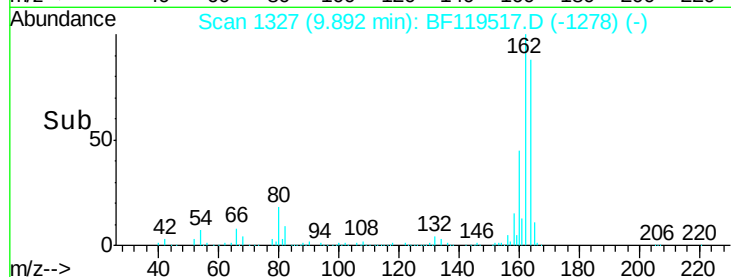
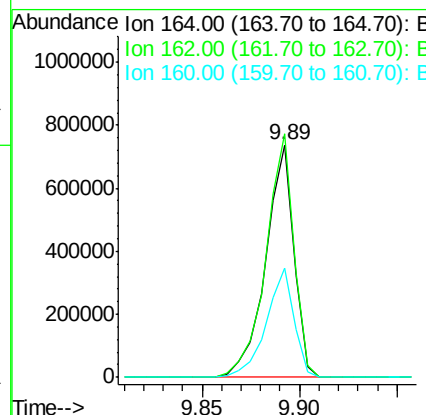
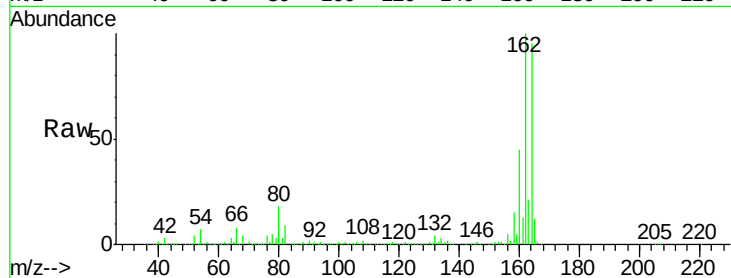
ClientSampleId :

NB-08-032420MSD

Tot Ion:	164	Resp:	737337
Ion Ratio	Lower	Upper	
164	100		
162	104.8	80.7	121.1
160	47.1	35.5	53.3

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.487 ng

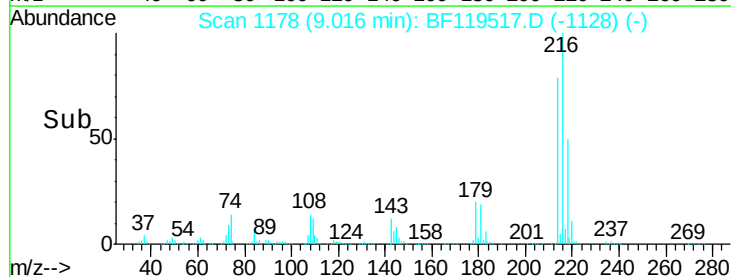
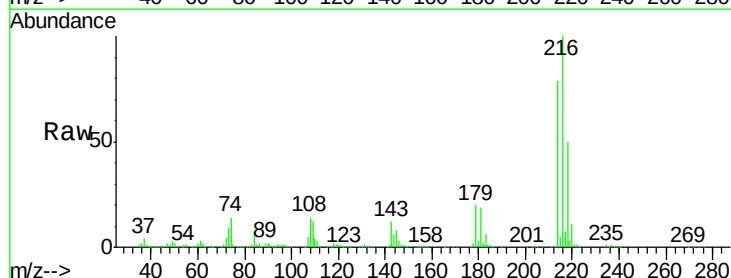
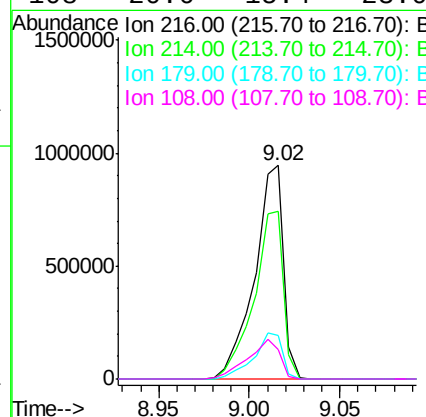
RT: 9.02 min Scan# 1178

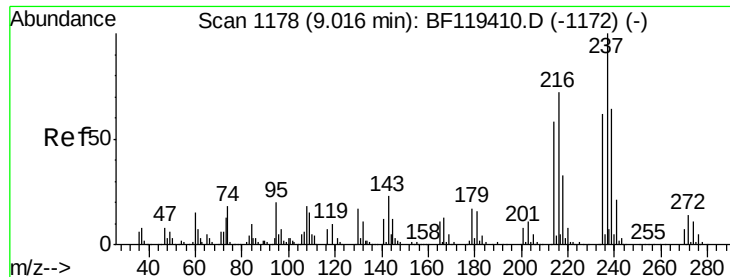
Delta R.T. -0.01 min

Lab File: BF119517.D

Acq: 25 Mar 2020 22:13

Tgt Ion:	216	Resp:	1047900
Ion Ratio	Lower	Upper	
216	100		
214	79.6	63.0	94.6
179	21.5	17.0	25.4
108	20.6	15.4	23.0





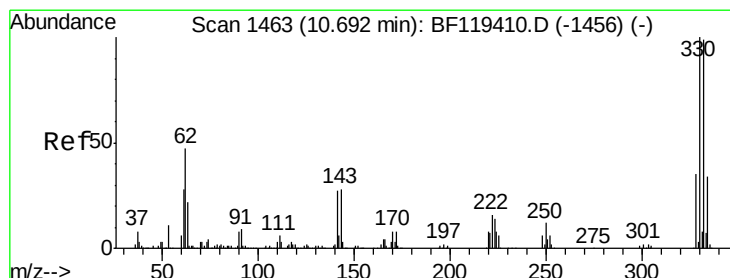
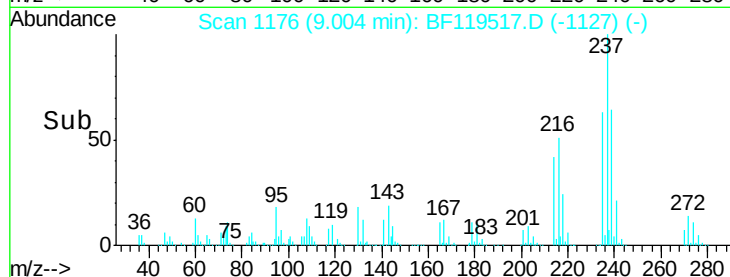
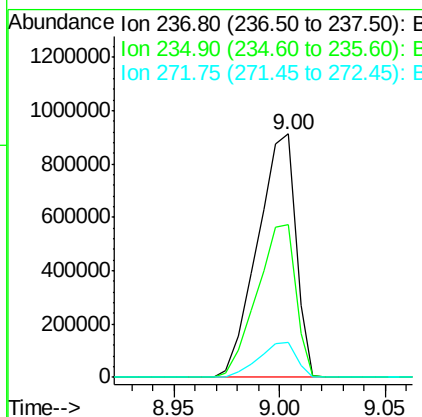
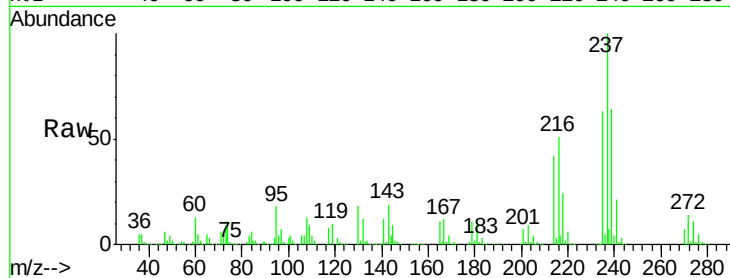
#41
Hexachlorocyclopentadiene
Concen: 93.857 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.5	82.5
272	14.3	0.0	34.3

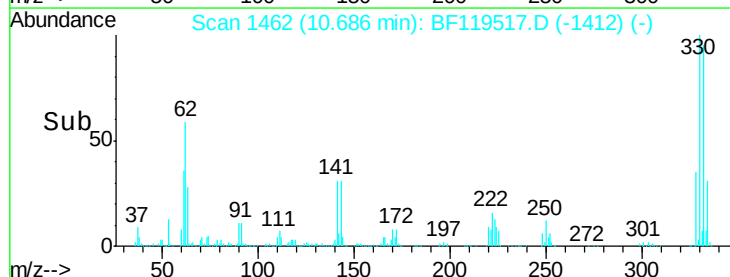
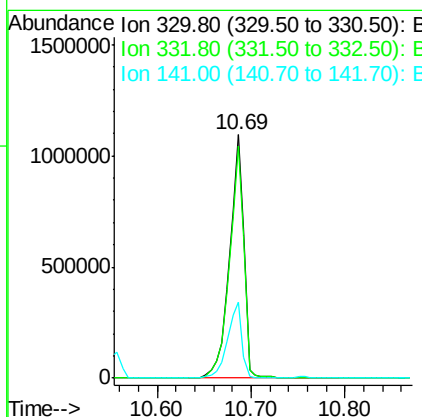
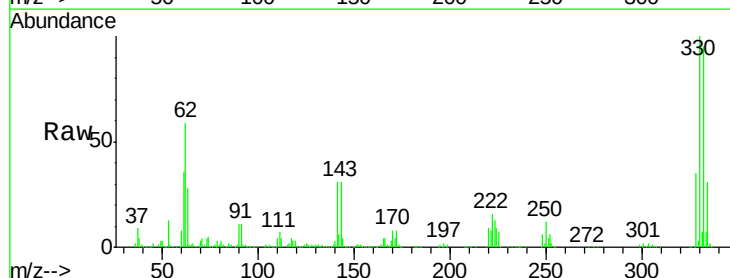
Manual Integrations
APPROVED

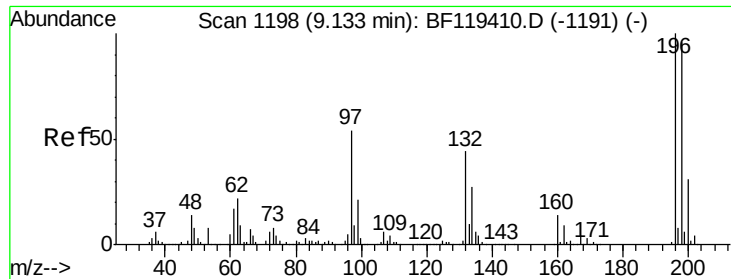
mohammad
3/27/2020 8:12:11 AM



#42
2,4,6-Tribromophenol
Concen: 153.080 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.6	116.4
141	31.1	26.6	40.0





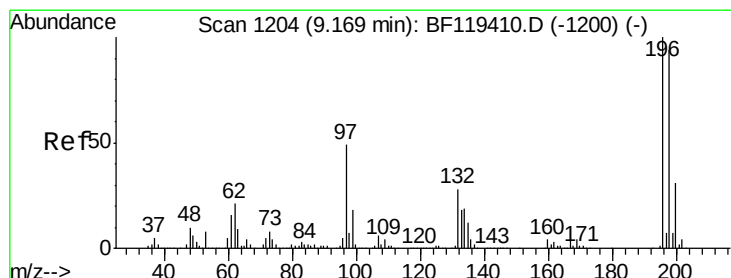
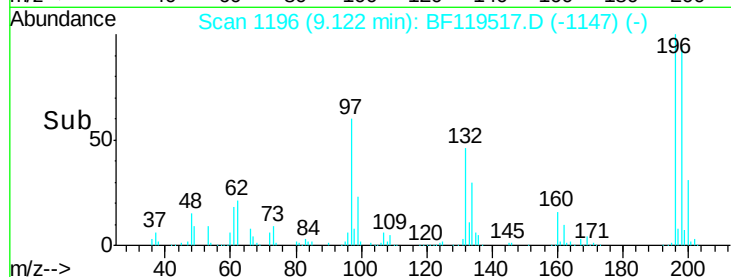
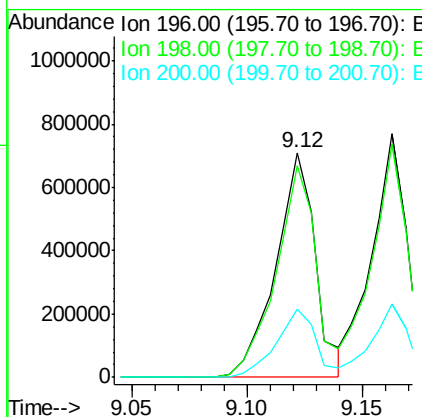
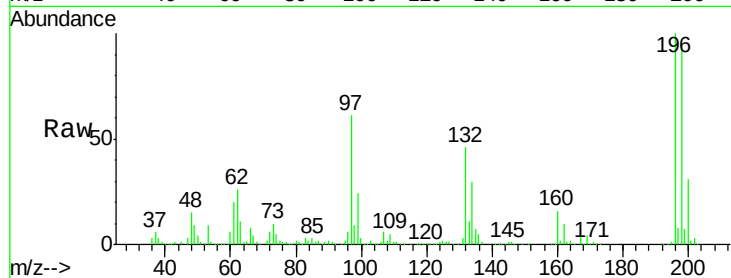
#43
 2,4,6-Trichlorophenol
 Concen: 54.373 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119517.D
 Acq: 25 Mar 2020 22:13

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	840926		
198	94.2	77.0	115.4	
200	30.6	25.1	37.7	

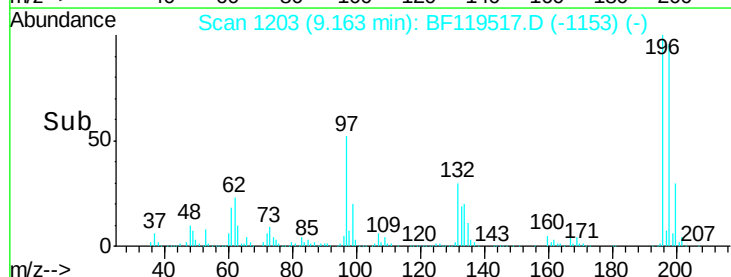
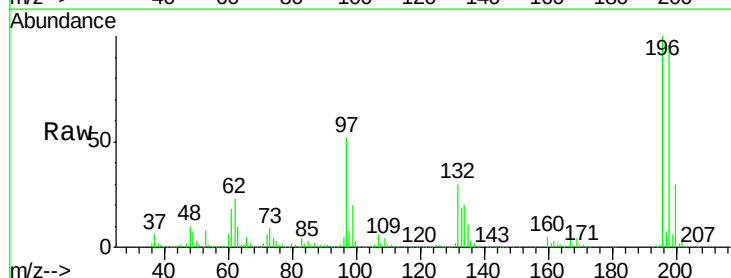
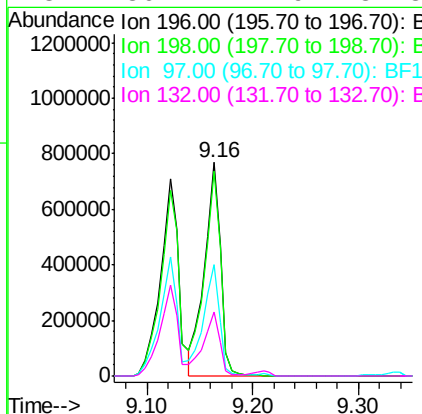
Manual Integrations
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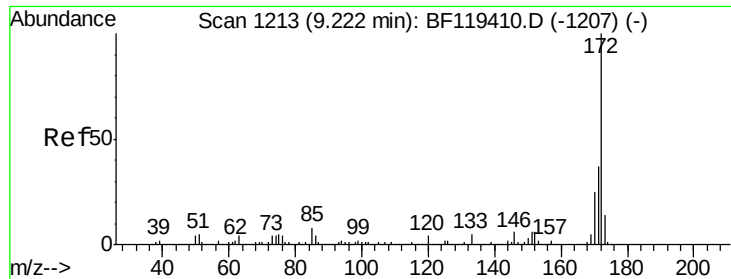
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 47.167 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF119517.D
 Acq: 25 Mar 2020 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	817188		
198	95.9	75.3	112.9	
97	52.3	39.0	58.4	
132	30.1	22.9	34.3	





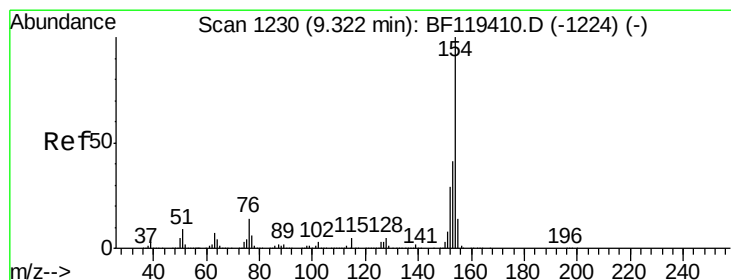
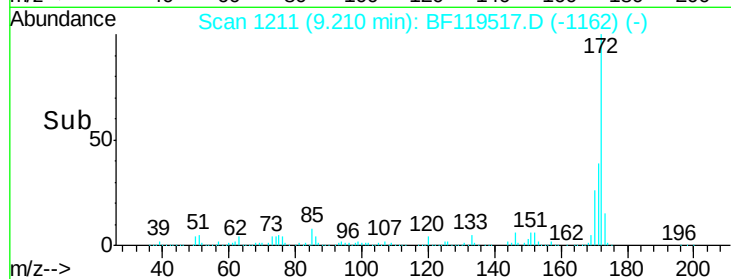
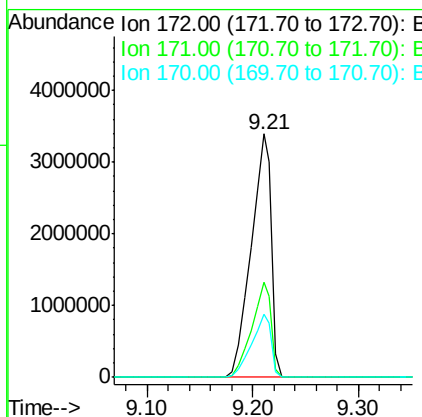
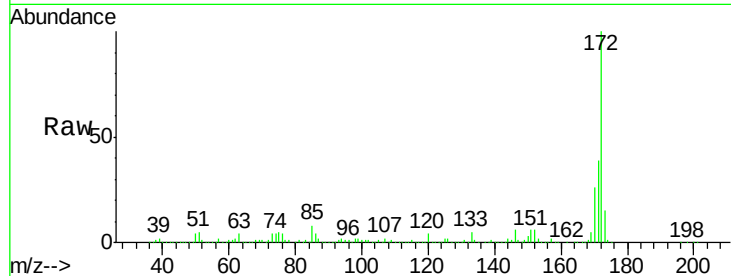
#45
2-Fluorobiphenyl
Concen: 90.826 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MSD

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	38.9	29.9	44.9	
170	25.9	20.1	30.1	

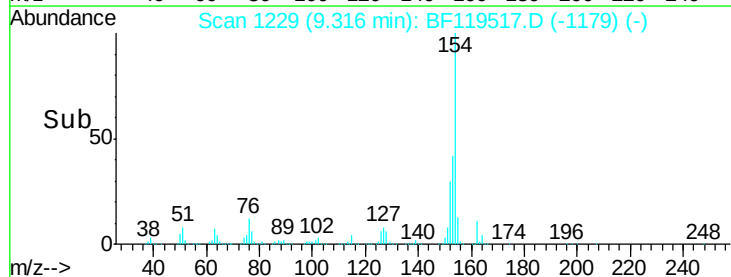
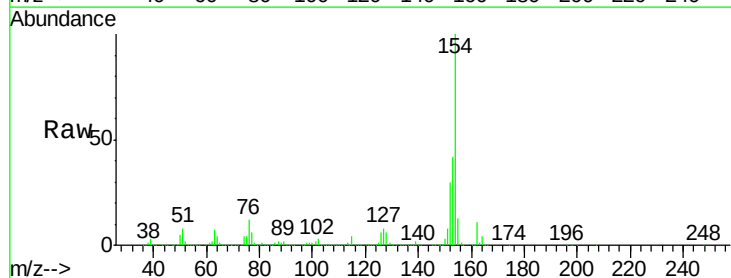
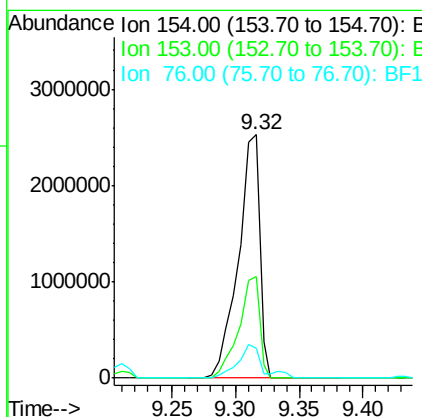
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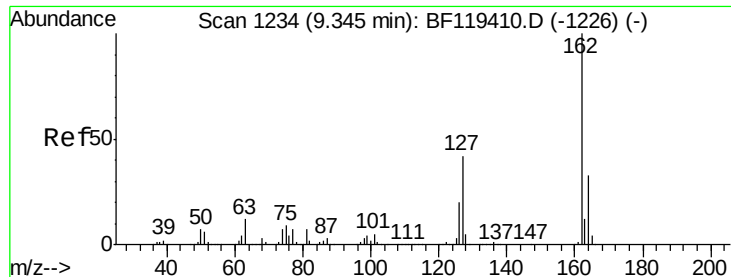
mohammad
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#46
1,1'-Biphenyl
Concen: 48.834 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.8	21.4	61.4	
76	12.1	0.0	33.6	





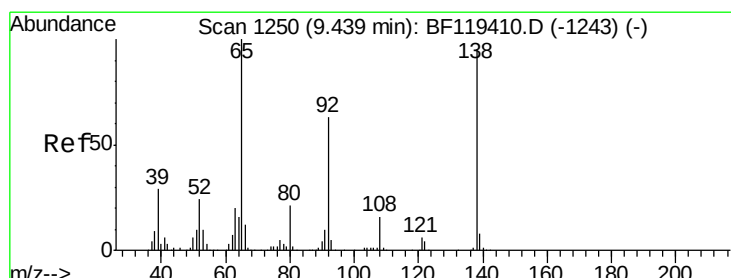
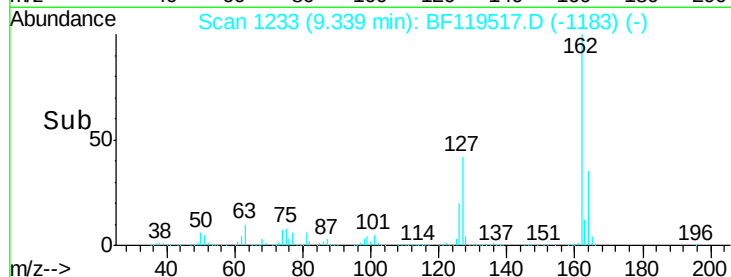
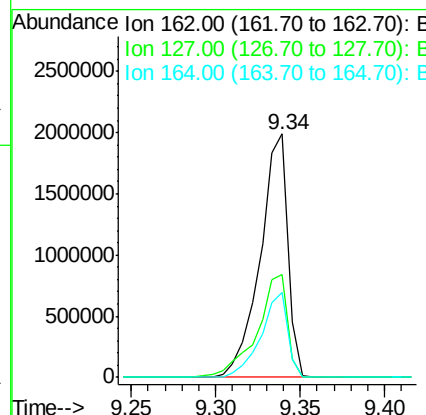
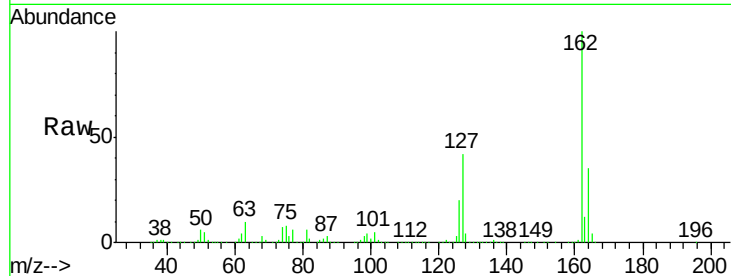
#47
 2-Chloronaphthalene
 Concen: 48.067 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF119517.D
 Acq: 25 Mar 2020 22:13

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.1	33.7	50.5
164	34.8	26.2	39.4

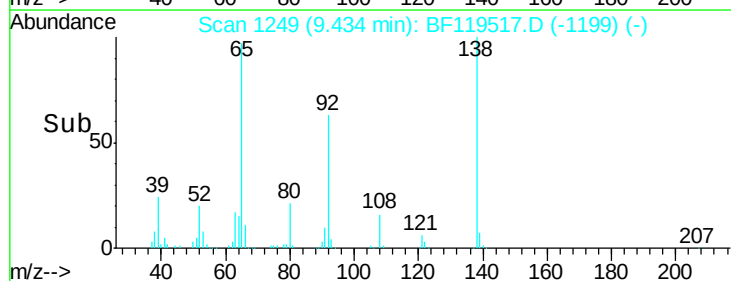
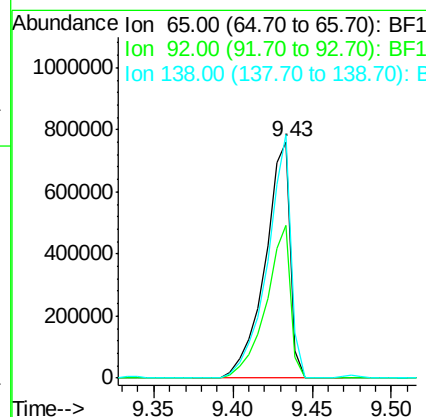
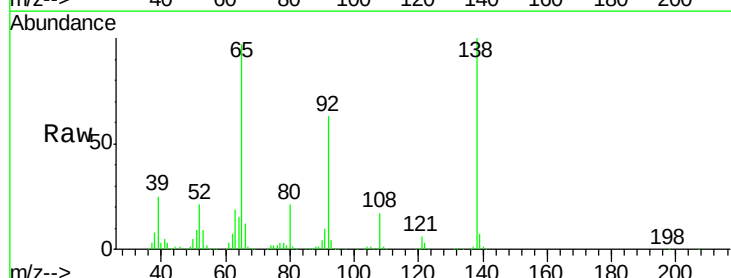
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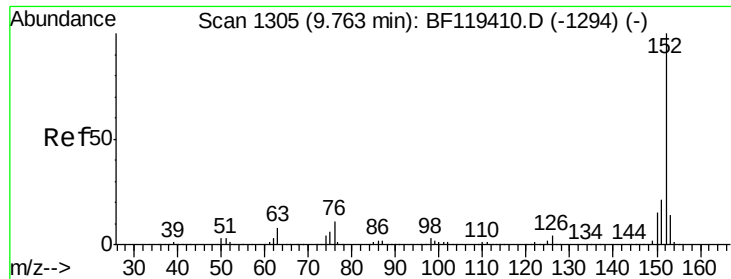
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#48
 2-Nitroaniline
 Concen: 52.430 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF119517.D
 Acq: 25 Mar 2020 22:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.6	50.5	75.7
138	103.1	75.8	113.8





#49

Acenaphthylene

Concen: 47.529 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119517.D

Acq: 25 Mar 2020 22:13

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MSD

Tot Ion:152 Resp: 3510964

Ion Ratio Lower Upper

152 100

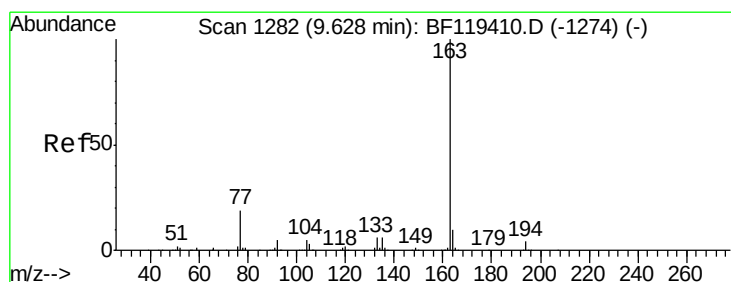
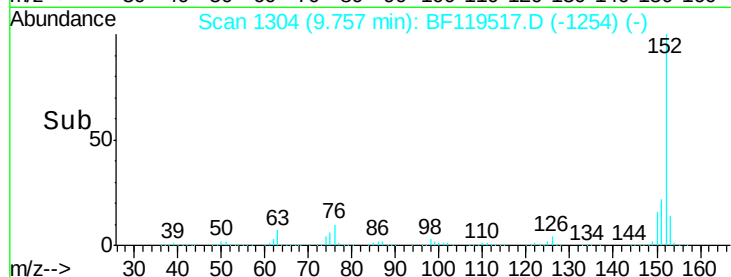
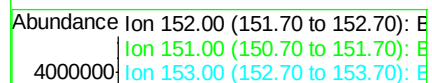
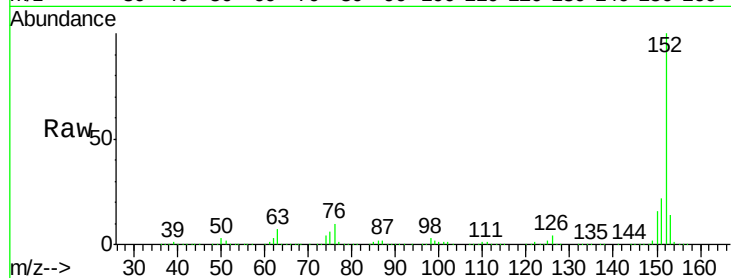
151 21.6 16.8 25.2

153 14.2 11.2 16.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 57.067 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF119517.D

Acq: 25 Mar 2020 22:13

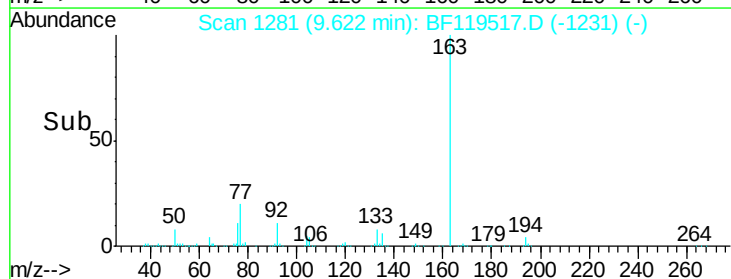
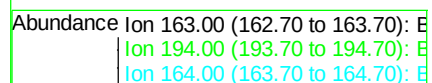
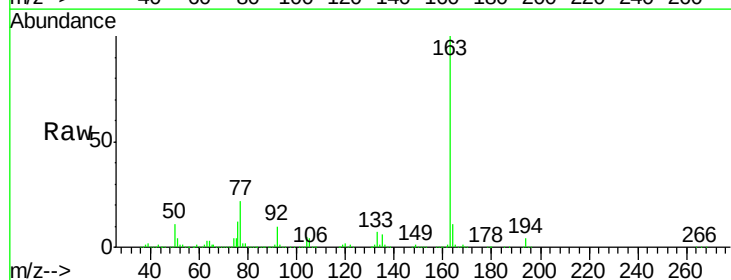
Tgt Ion:163 Resp: 2988777

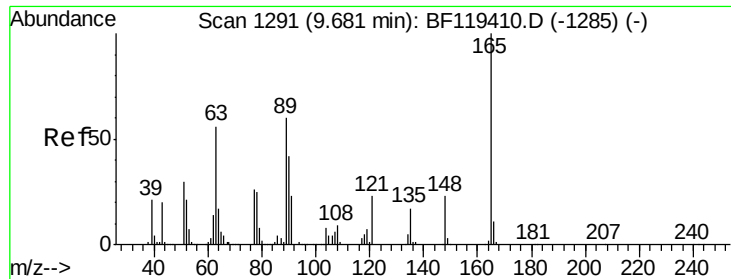
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.9 8.1 12.1





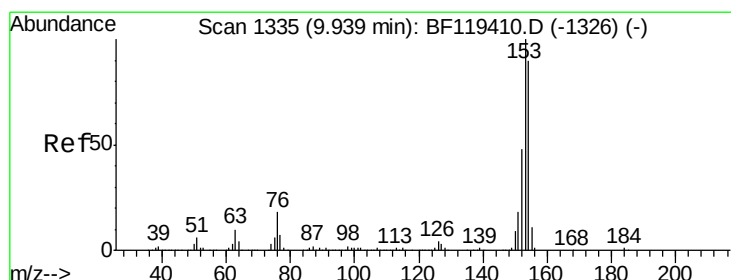
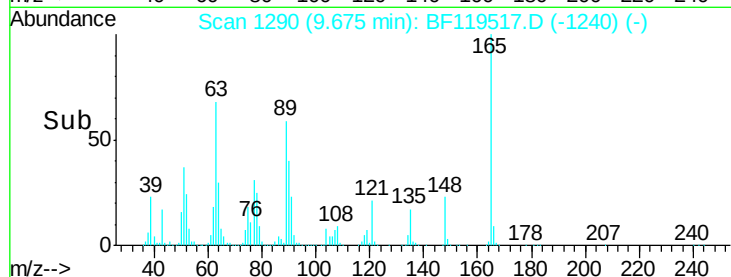
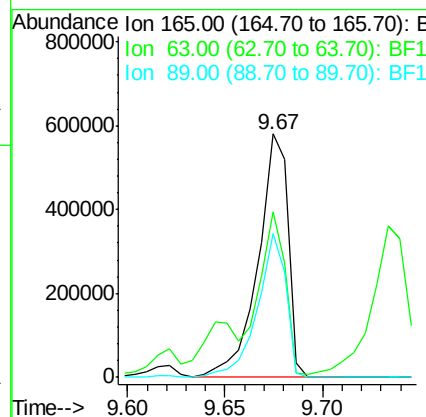
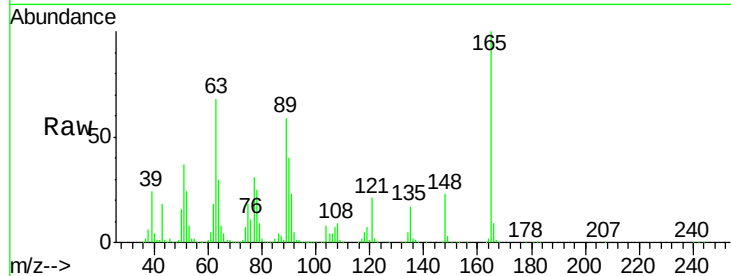
#51
2,6-Dinitrotoluene
Concen: 55.048 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	617964		
63	67.8	57.3	85.9	
89	59.2	47.8	71.8	

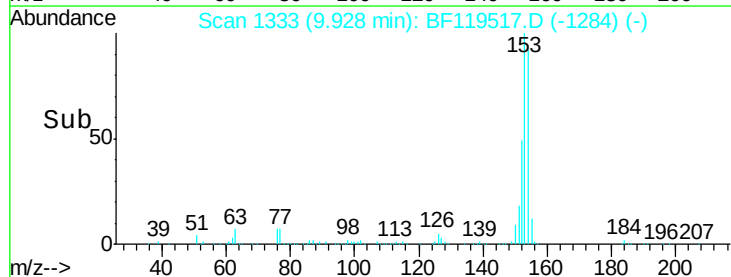
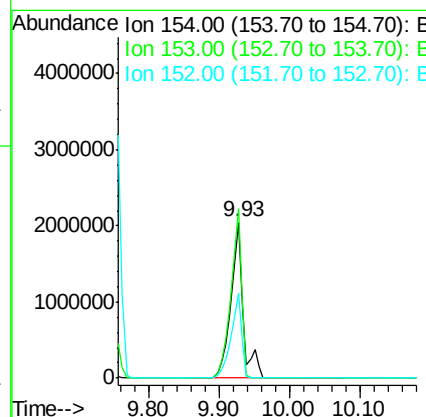
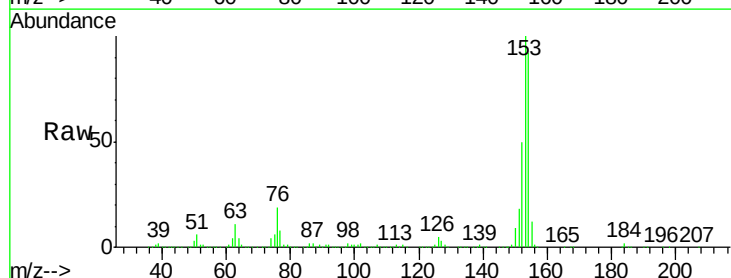
Manual Integrations
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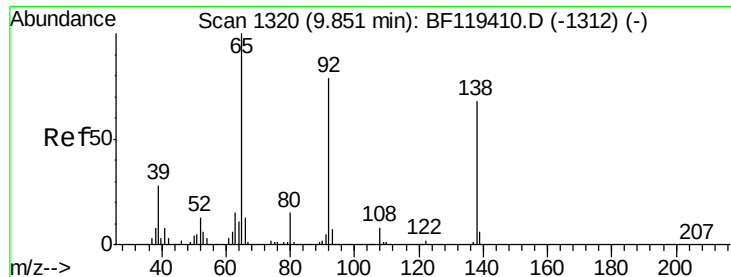
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#52
Acenaphthene
Concen: 54.545 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2511880		
153	108.6	89.0	133.6	
152	54.2	43.1	64.7	





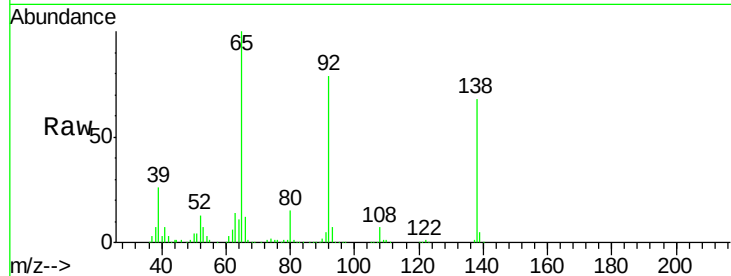
#53
3-Nitroaniline
Concen: 21.503 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MSD

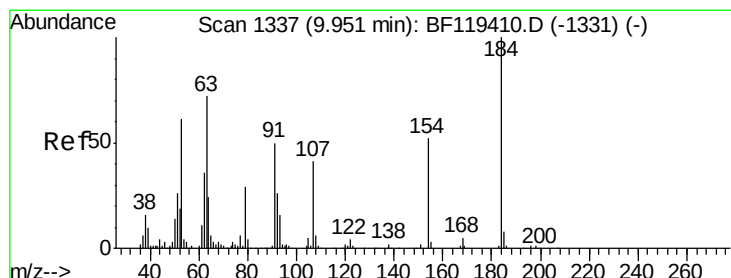
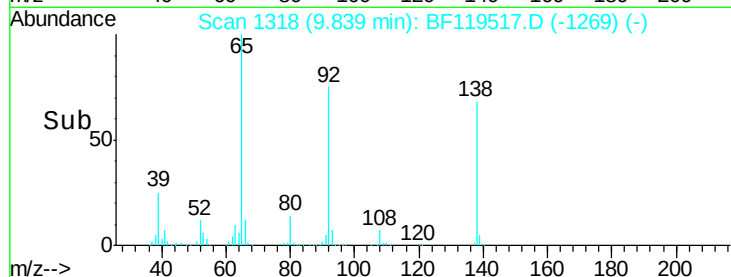
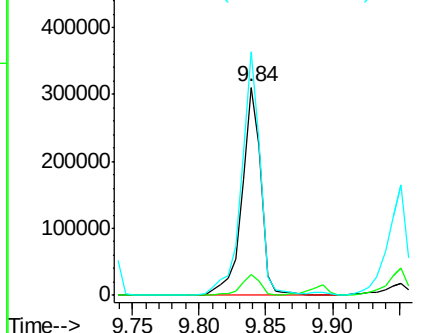
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.0	13.6
92	116.8	93.2	139.8

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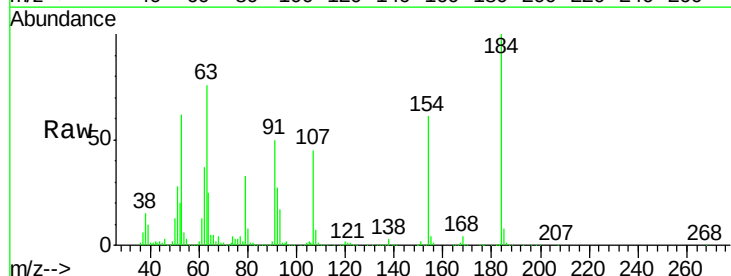


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

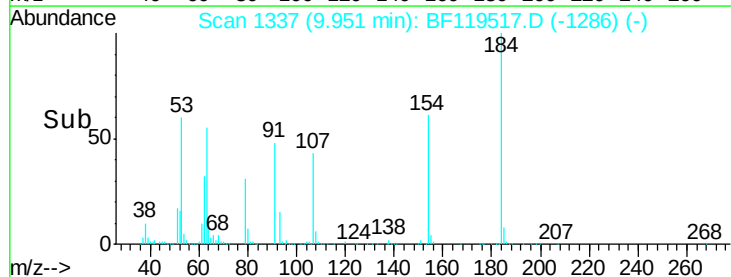
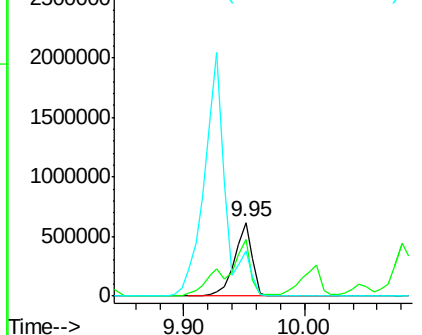


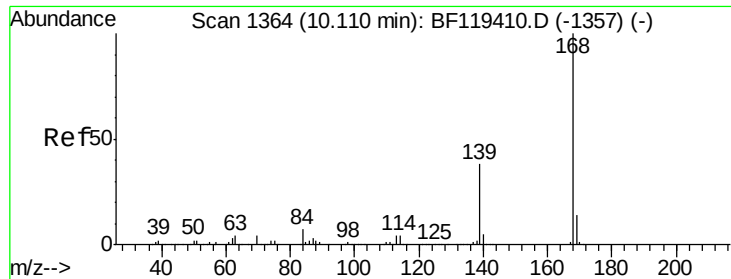
#54
2,4-Dinitrophenol
Concen: 124.454 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	76.4	58.5	87.7
154	61.1	51.8	77.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





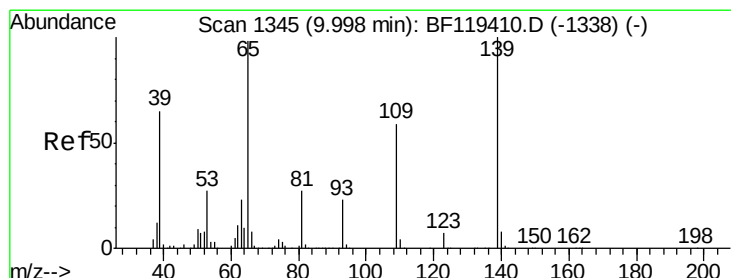
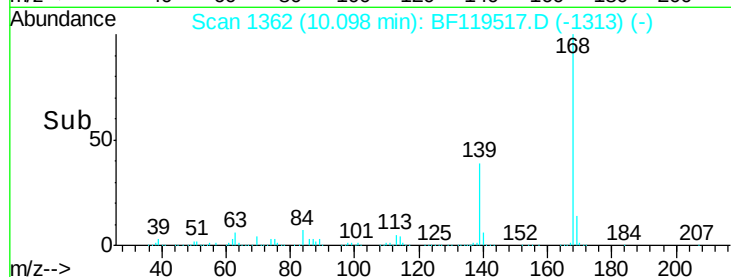
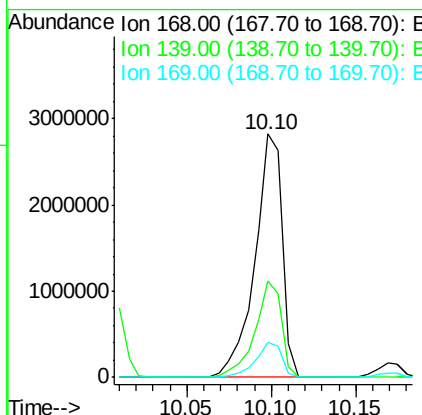
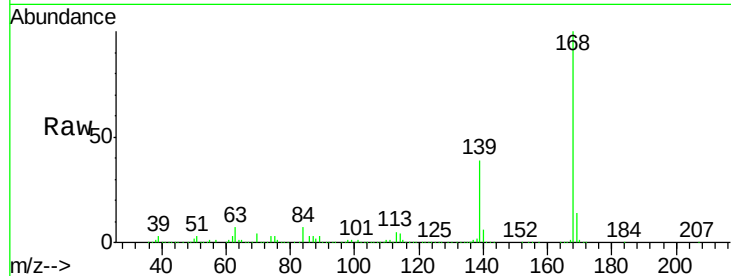
#55
Dibenzofuran
Concen: 48.097 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MSD

Tot Ion:168 Resp: 3175657
Ion Ratio Lower Upper
168 100
139 39.4 30.2 45.4
169 14.3 11.1 16.7

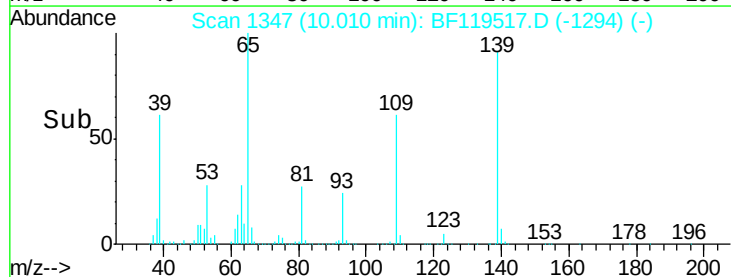
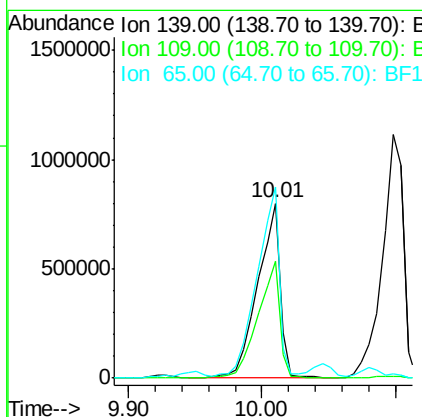
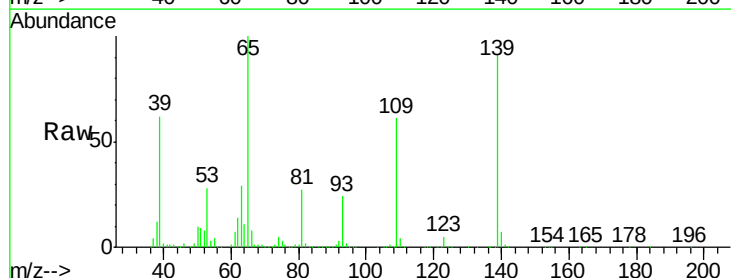
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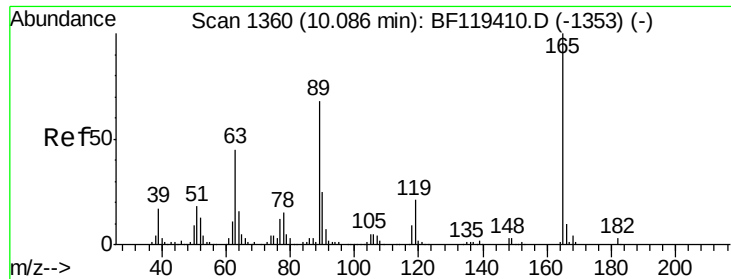
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#56
4-Nitrophenol
Concen: 82.698 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Tgt Ion:139 Resp: 924587
Ion Ratio Lower Upper
139 100
109 66.8 39.6 79.6
65 109.5 78.3 118.3





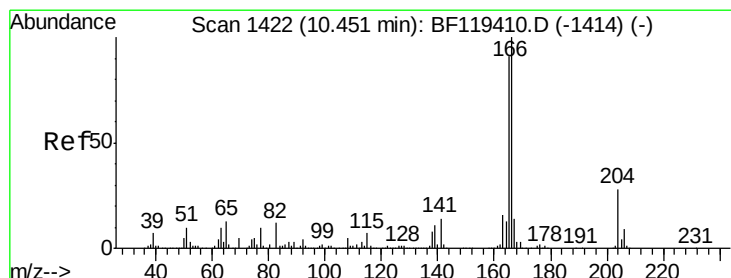
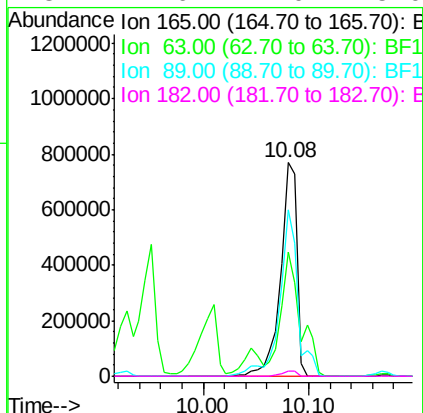
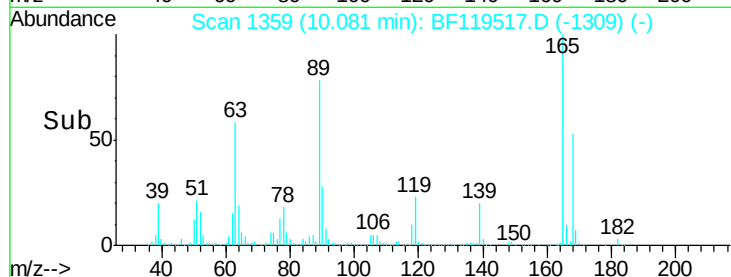
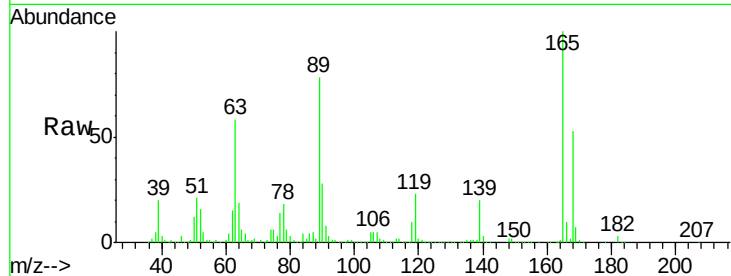
#57
2,4-Dinitrotoluene
Concen: 57.179 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.0	36.2	54.4#
89	78.0	54.3	81.5
182	2.6	2.0	3.0

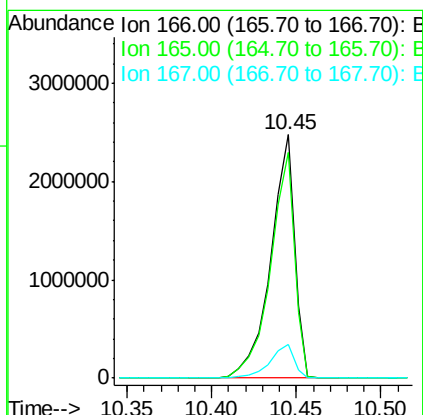
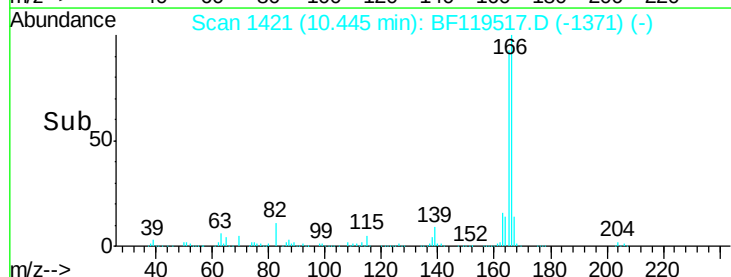
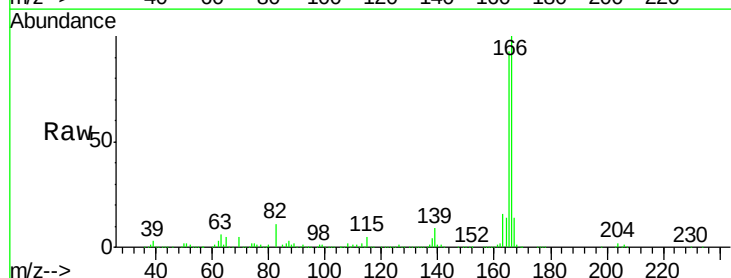
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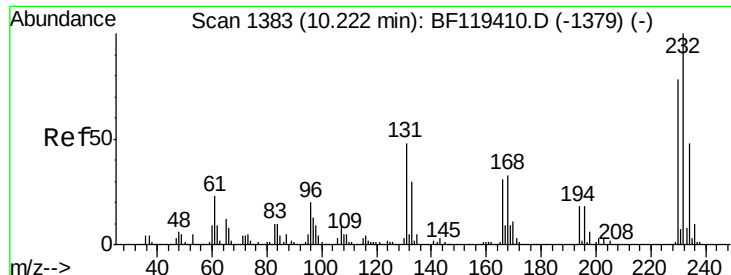
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#58
Fluorene
Concen: 49.569 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.7	73.1	109.7
167	14.0	11.0	16.6





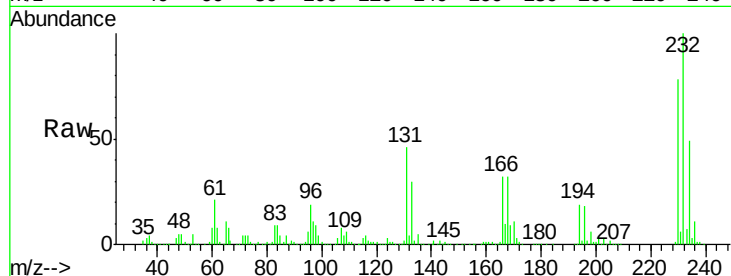
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.698 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF119517.D
 Acq: 25 Mar 2020 22:13

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MSD

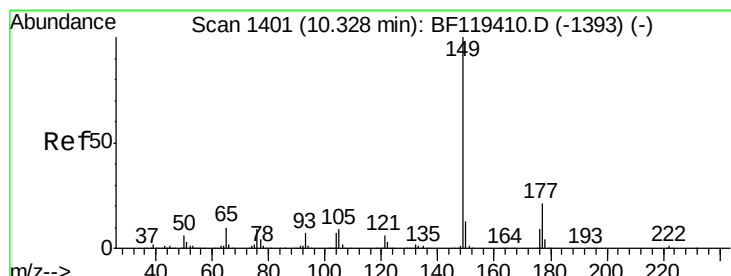
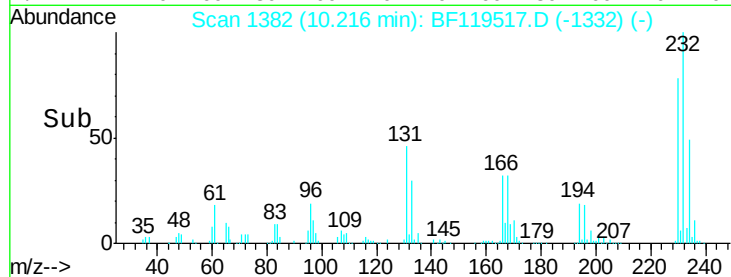
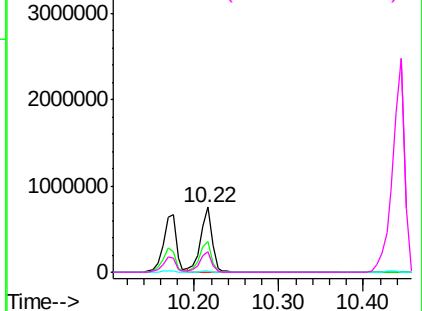
Tot Ion	Ratio	Lower	Upper
232	100		
131	47.6	36.3	54.5
130	2.4	1.8	2.6
166	32.2	24.9	37.3

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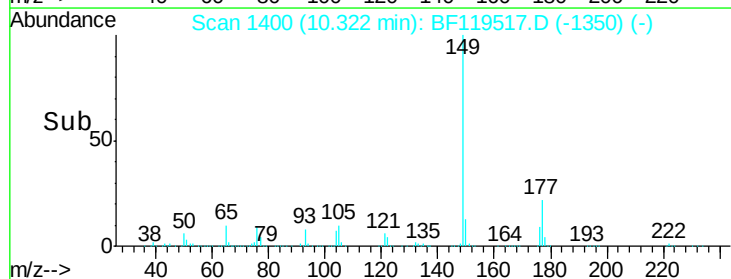
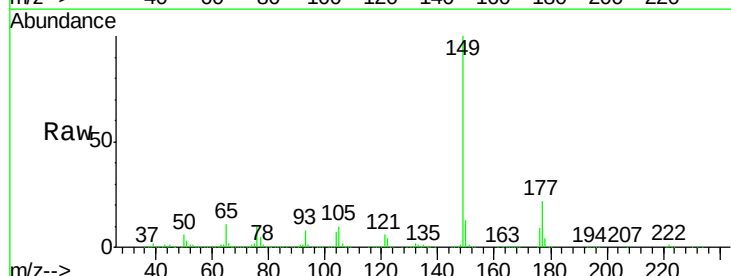
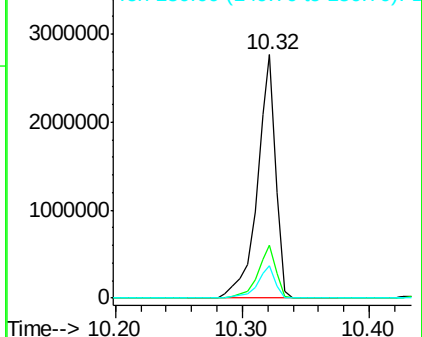
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

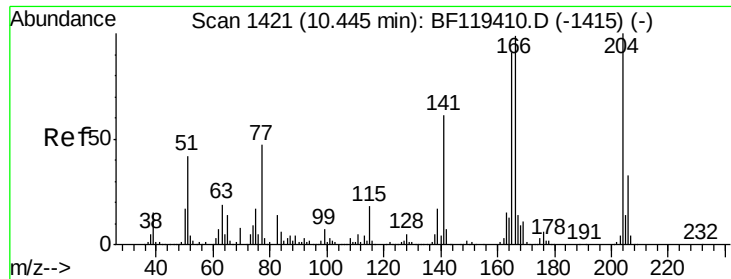


#60
 Diethylphthalate
 Concen: 52.564 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF119517.D
 Acq: 25 Mar 2020 22:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.0	25.6
150	13.4	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





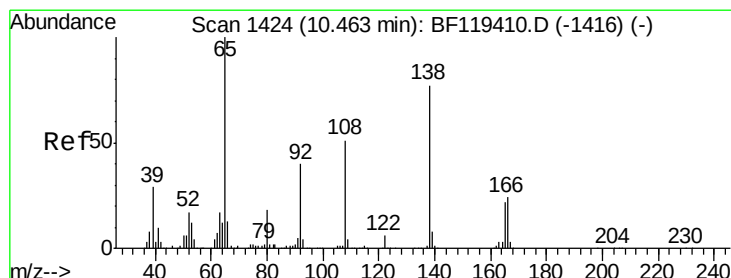
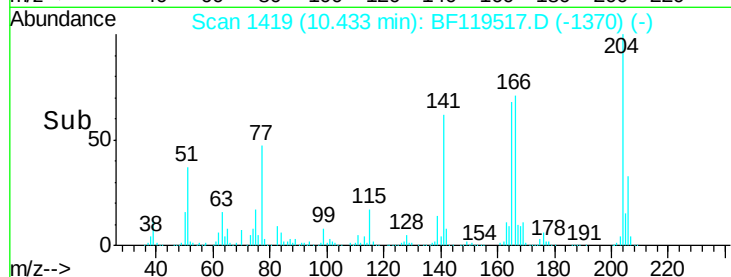
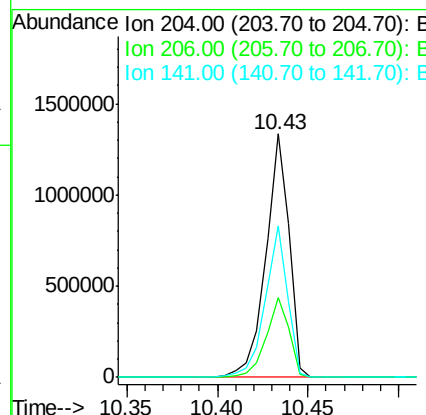
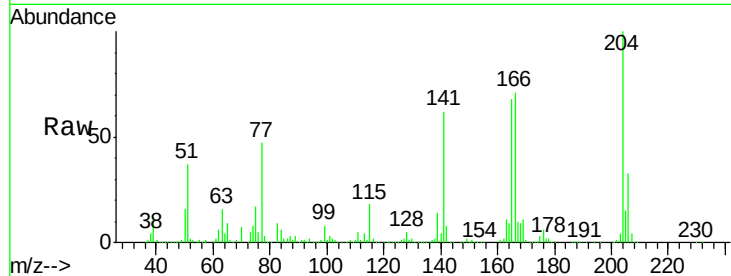
#61
 4-Chlorophenyl-phenylether
 Concen: 49.945 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF119517.D
 Acq: 25 Mar 2020 22:13

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MSD

Tot Ion:204 Resp: 1192500
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.7 40.1
 141 62.5 48.8 73.2

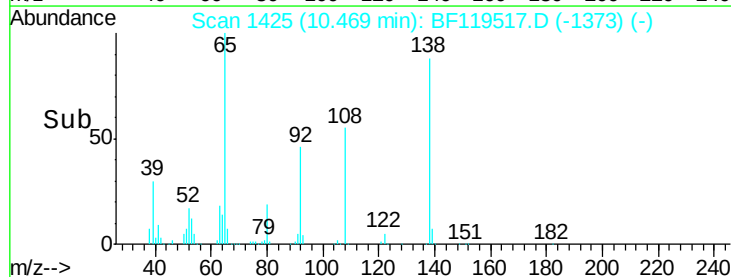
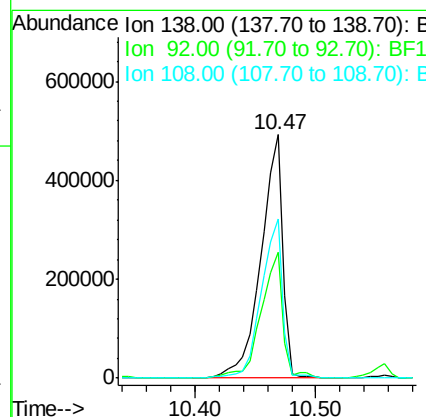
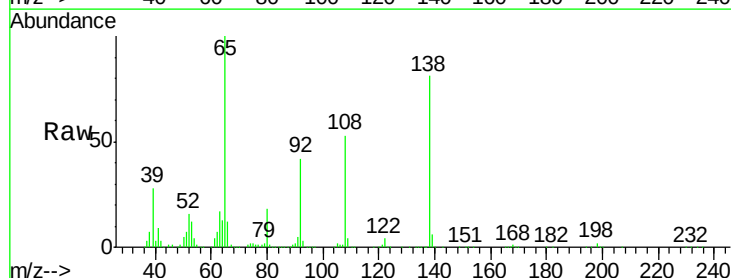
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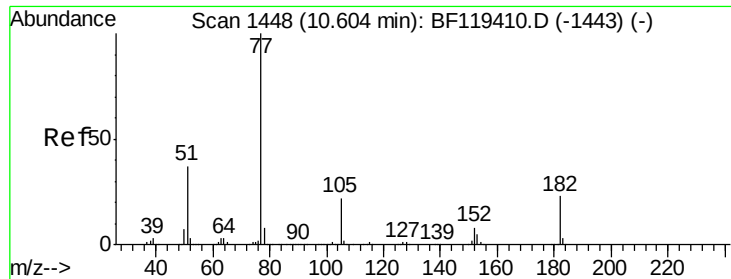
mohammad
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#62
 4-Nitroaniline
 Concen: 45.720 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF119517.D
 Acq: 25 Mar 2020 22:13

Tgt Ion:138 Resp: 621356
 Ion Ratio Lower Upper
 138 100
 92 51.8 32.0 72.0
 108 65.1 46.0 86.0





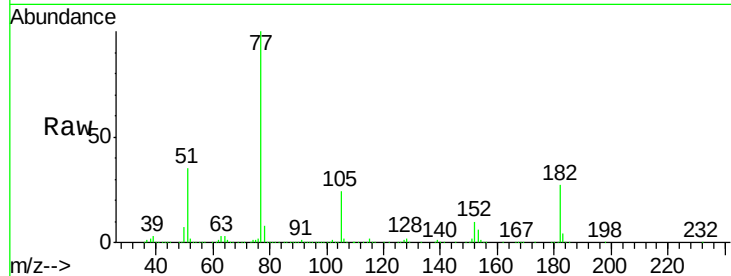
#63
Azobenzene
Concen: 49.226 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MSD

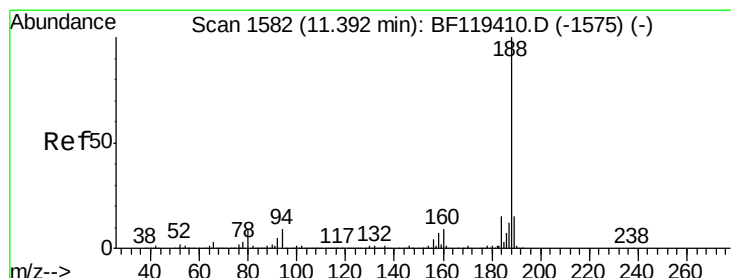
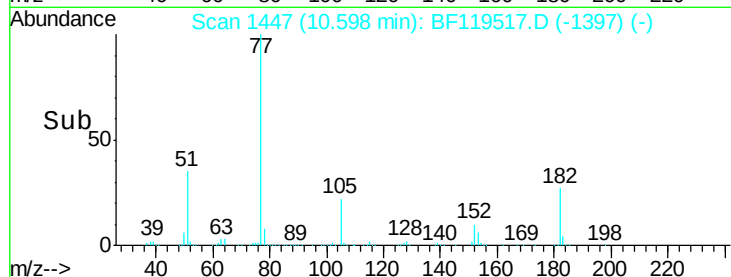
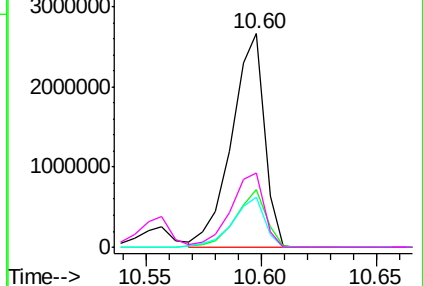
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.1	2.5	42.5
105	23.5	2.5	42.5
51	35.0	17.1	57.1

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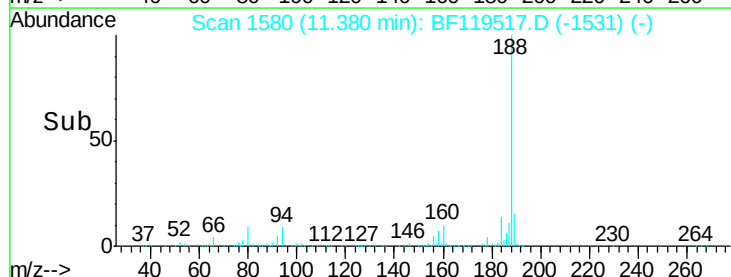
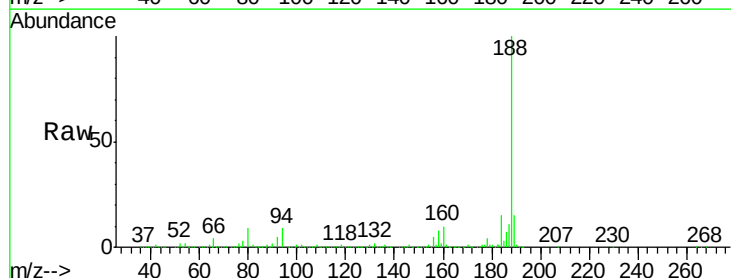
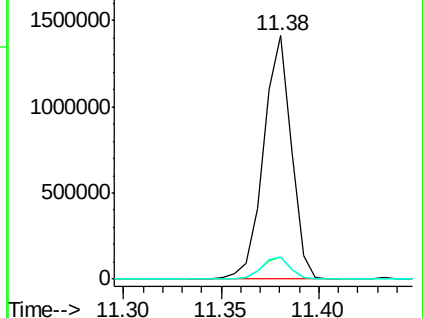
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

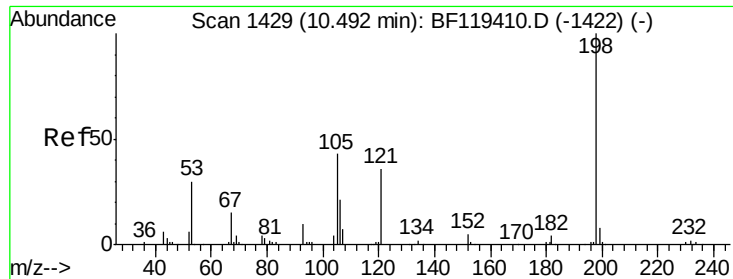


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.1	10.7
80	9.3	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





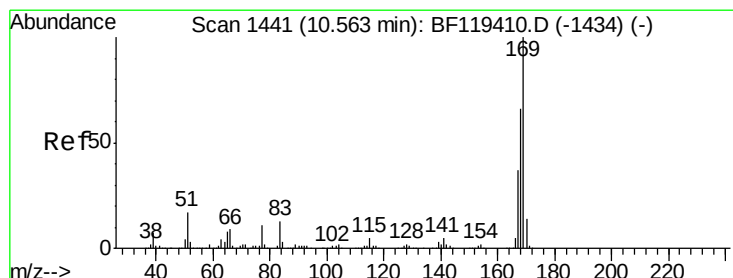
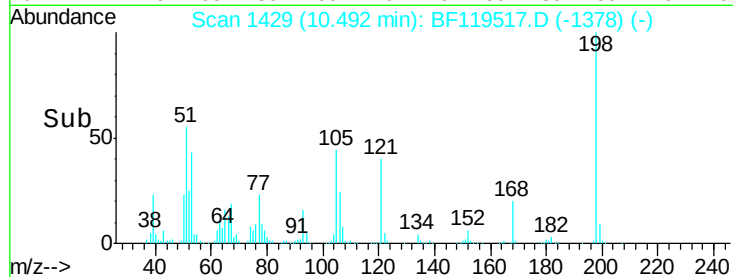
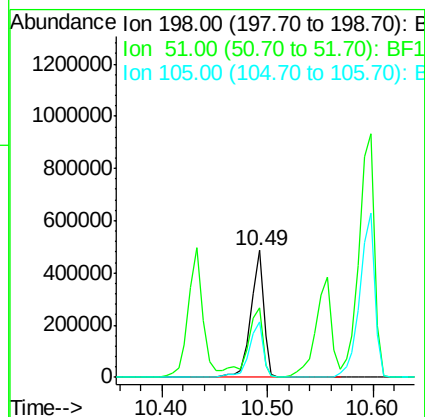
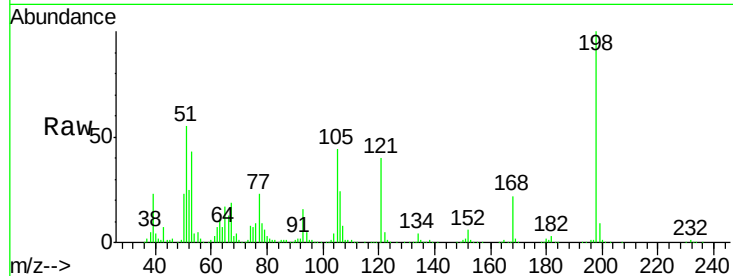
#65
4,6-Dinitro-2-methylphenol
Concen: 71.371 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	55.1	33.1	73.1
105	44.0	24.1	64.1

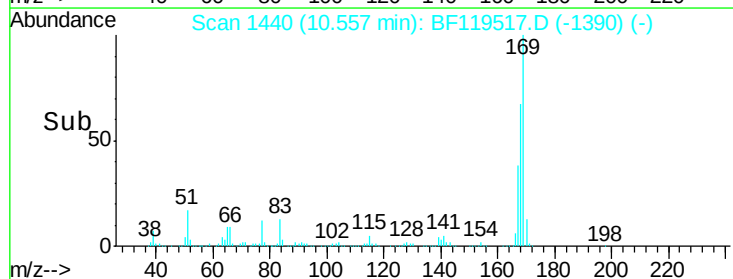
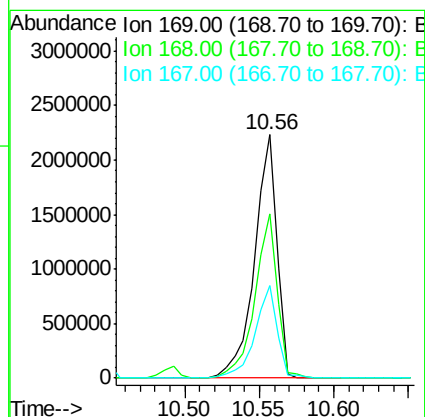
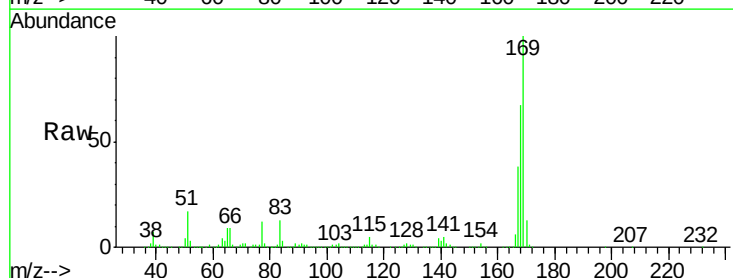
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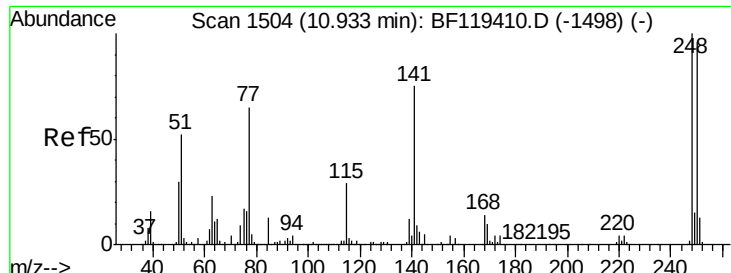
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#66
n-Nitrosodiphenylamine
Concen: 50.243 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	52.7	79.1
167	37.8	29.3	43.9





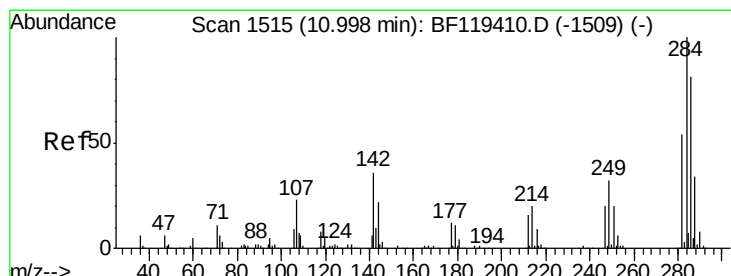
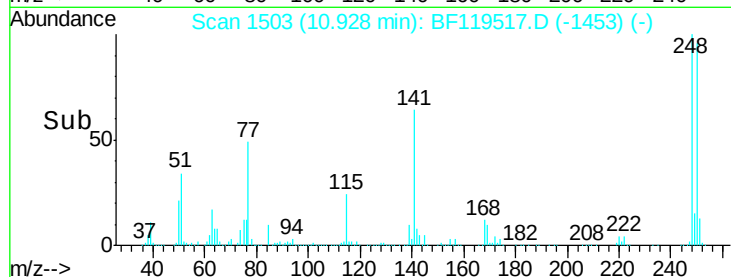
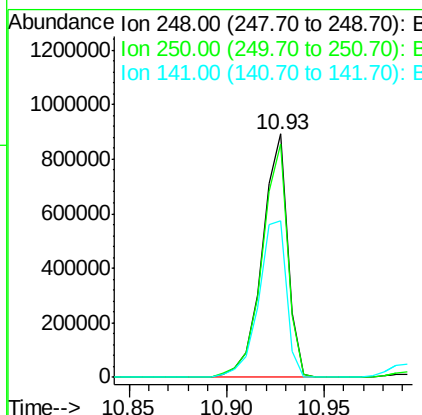
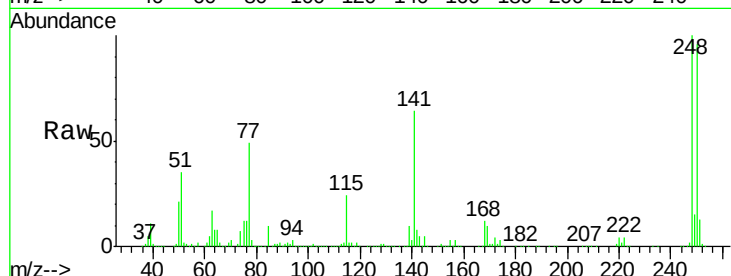
#67
 4-Bromophenyl-phenylether
 Concen: 51.253 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF119517.D
 Acq: 25 Mar 2020 22:13

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.0	115.6
141	64.5	59.7	89.5

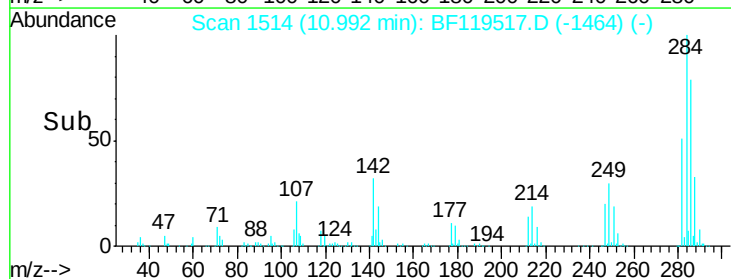
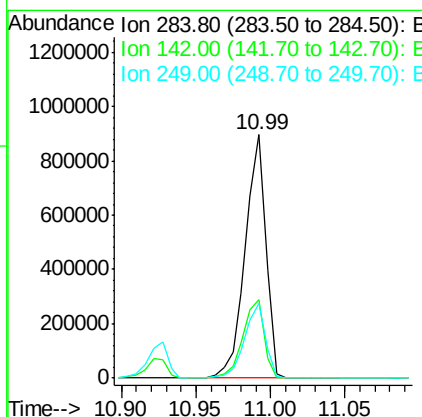
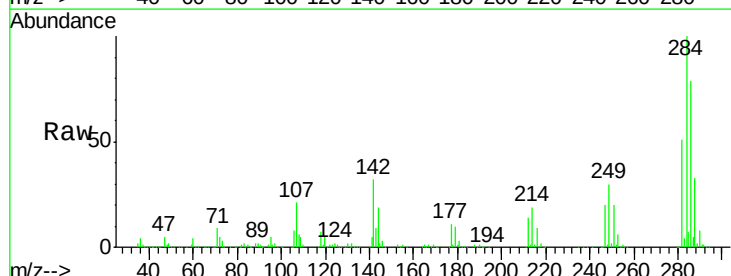
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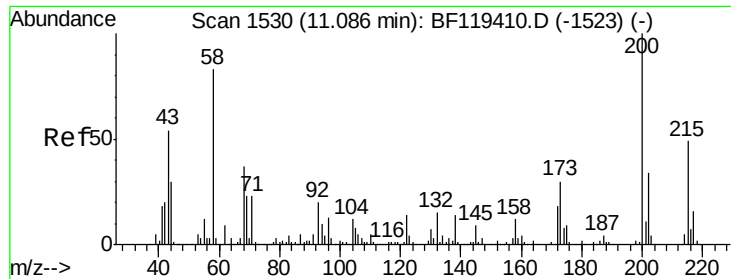
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#68
 Hexachlorobenzene
 Concen: 53.296 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BF119517.D
 Acq: 25 Mar 2020 22:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	28.7	43.1
249	30.5	25.4	38.0





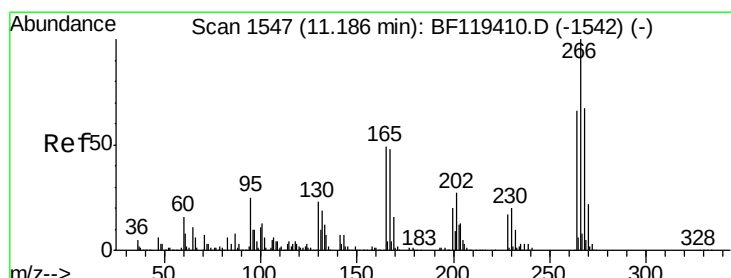
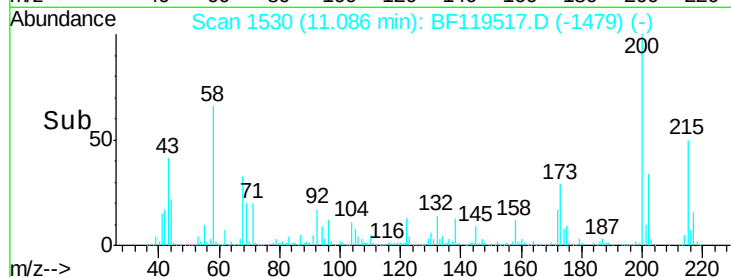
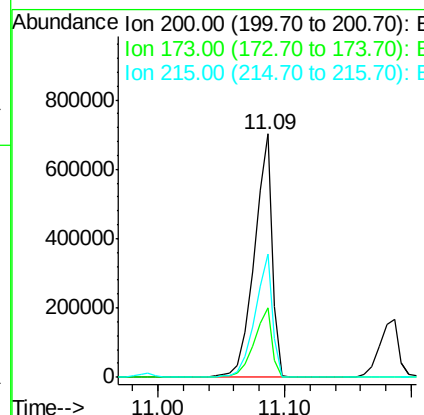
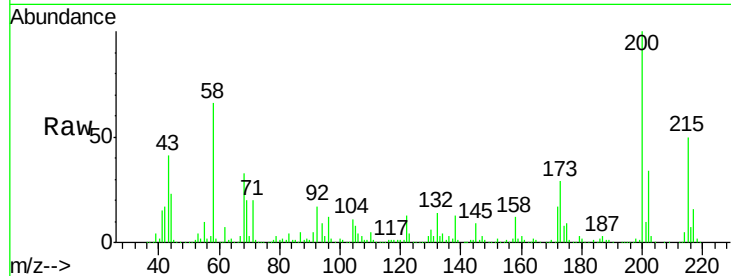
#69
Atrazine
Concen: 55.084 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	688123		
173	28.6	9.9	49.9	
215	50.4	29.4	69.4	

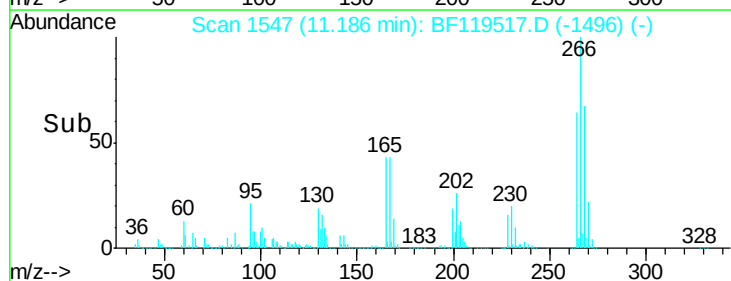
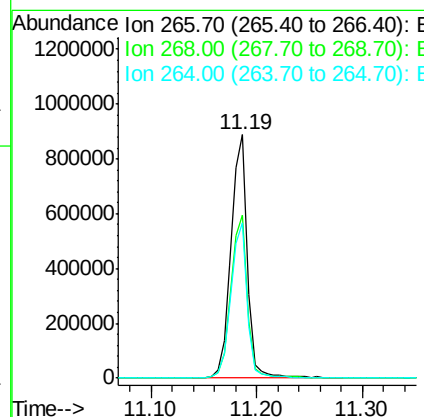
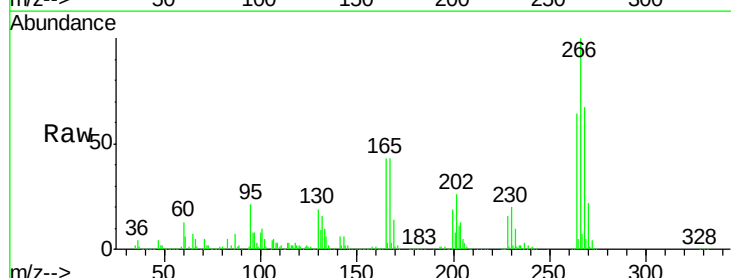
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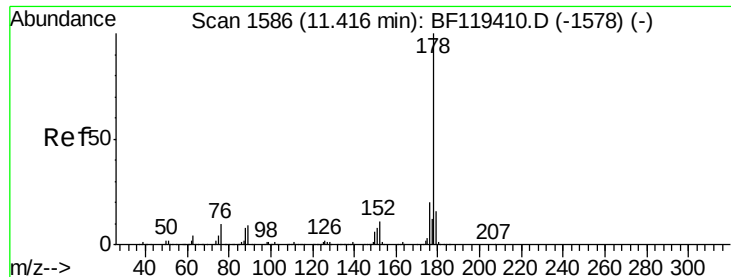
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#70
Pentachlorophenol
Concen: 100.569 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	954063		
268	66.9	53.7	80.5	
264	63.9	52.5	78.7	





#71

Phenanthrene

Concen: 47.279 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF119517.D

Acq: 25 Mar 2020 22:13

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MSD

Tot Ion:178 Resp: 3402835

Ion Ratio Lower Upper

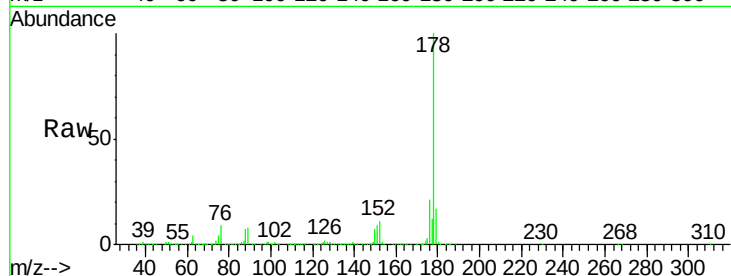
178 100

176 21.3 16.2 24.4

179 16.9 12.9 19.3

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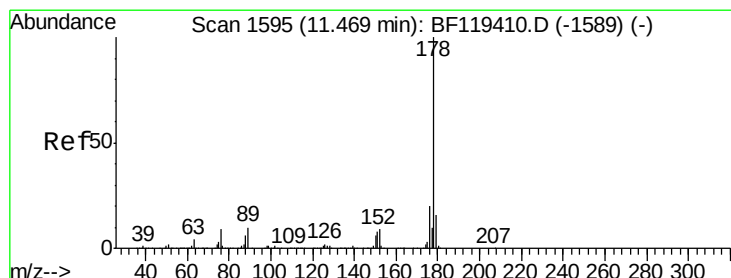
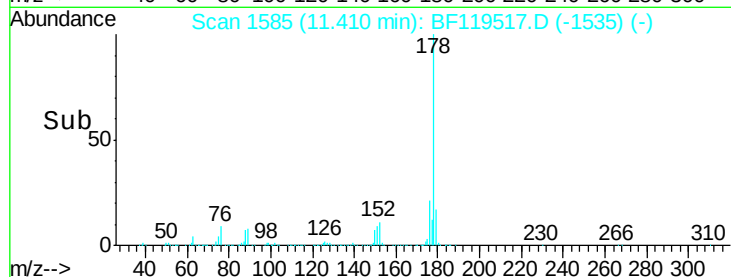
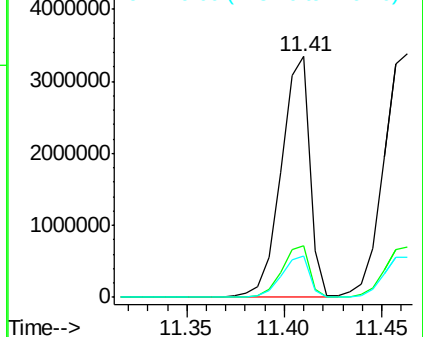
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.220 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF119517.D

Acq: 25 Mar 2020 22:13

Tgt Ion:178 Resp: 3527267

Ion Ratio Lower Upper

178 100

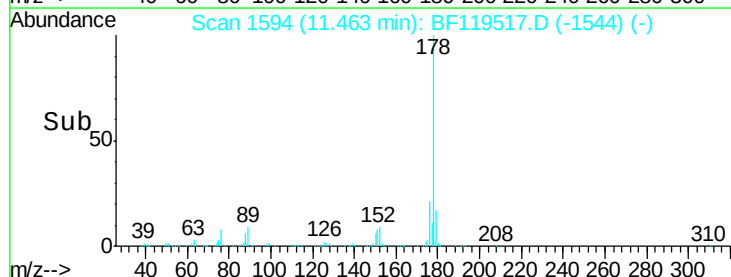
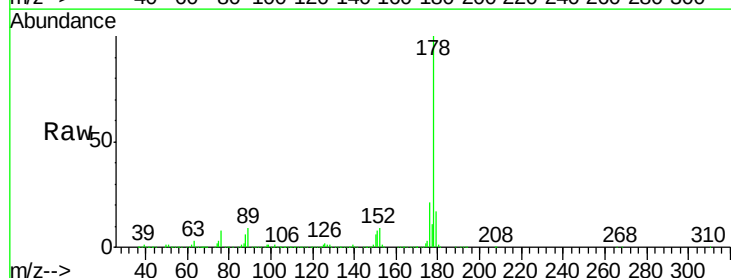
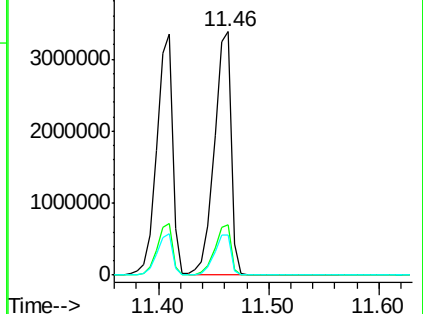
176 20.5 15.6 23.4

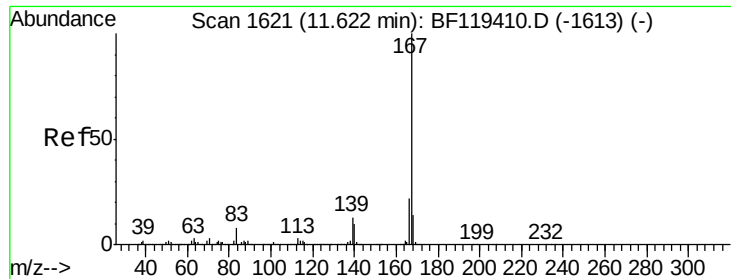
179 16.6 13.1 19.7

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





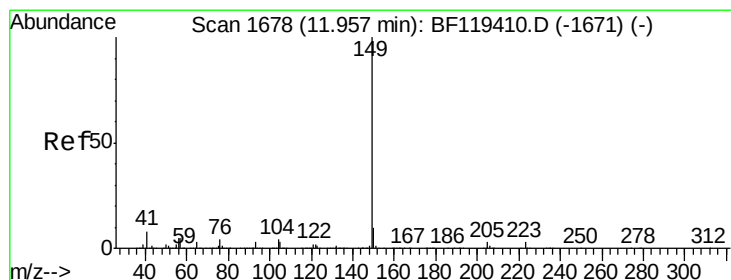
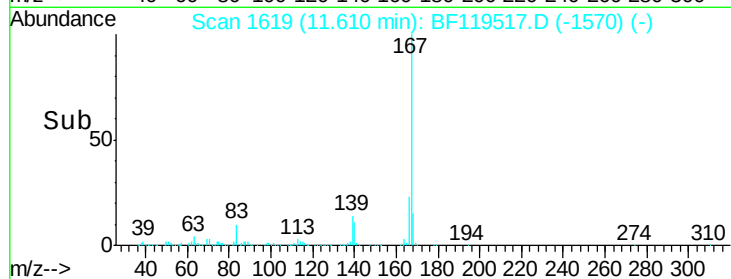
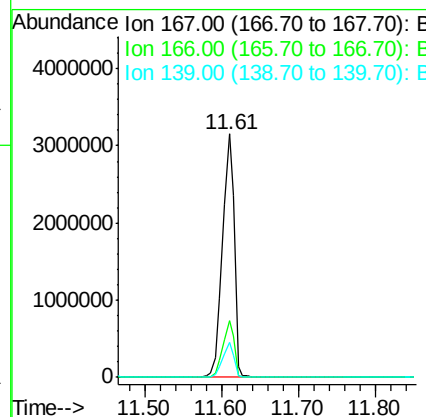
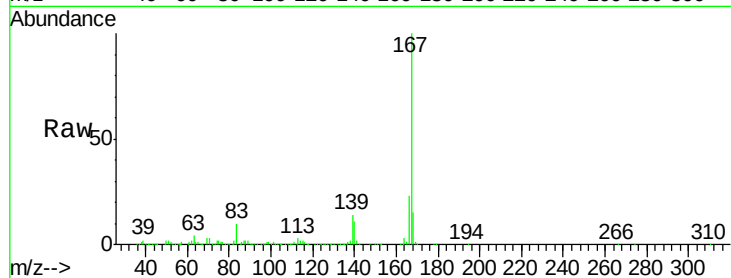
#73
 Carbazole
 Concen: 45.580 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF119517.D
 Acq: 25 Mar 2020 22:13

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.8	26.6
139	14.2	10.2	15.4

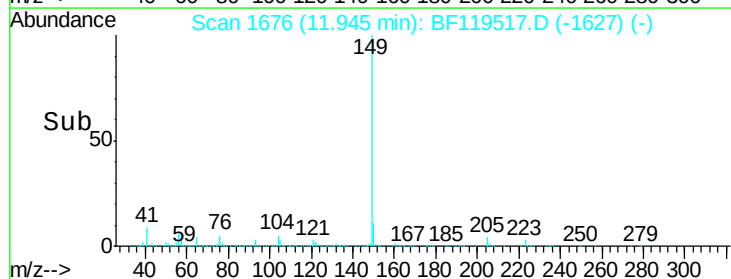
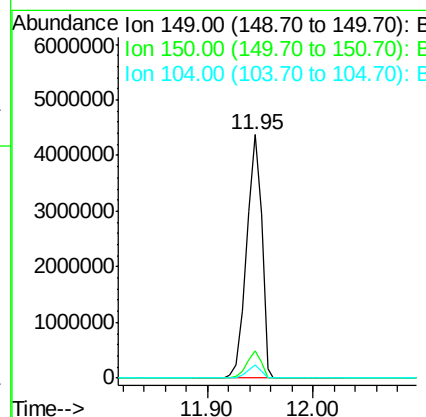
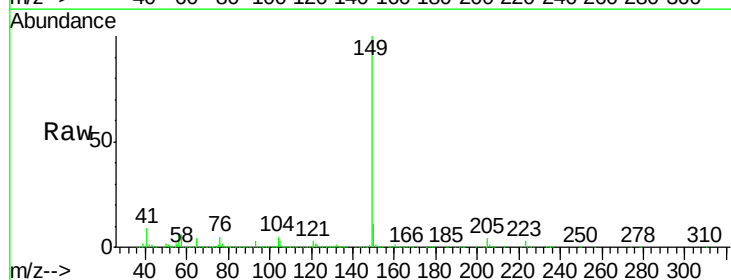
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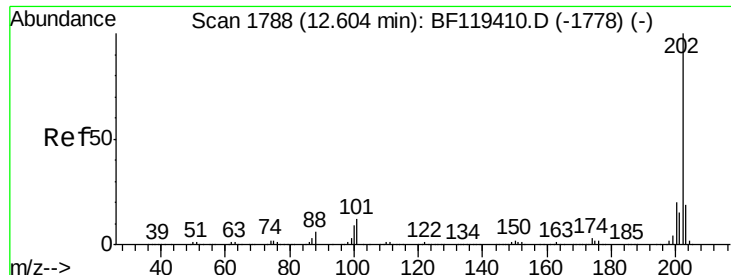
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#74
 Di-n-butylphthalate
 Concen: 54.800 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF119517.D
 Acq: 25 Mar 2020 22:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.0	7.6	11.4
104	5.5	3.5	5.3#





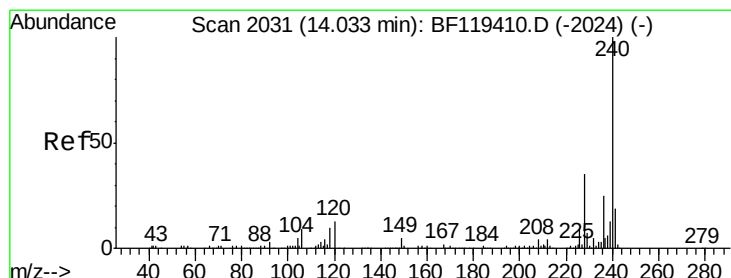
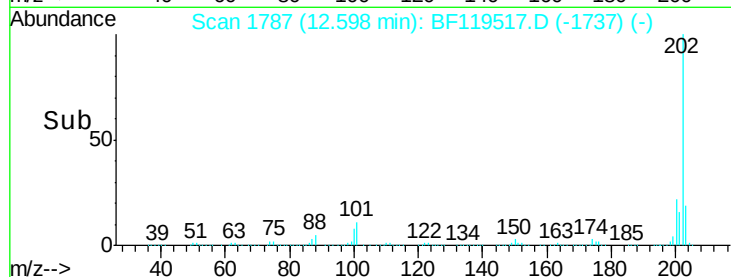
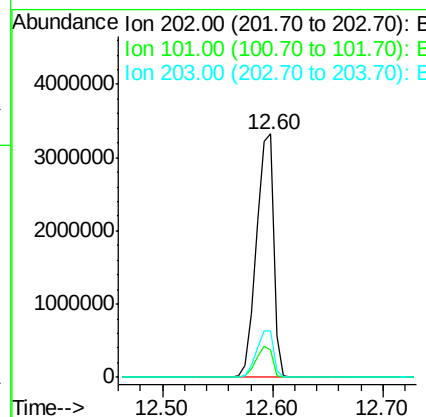
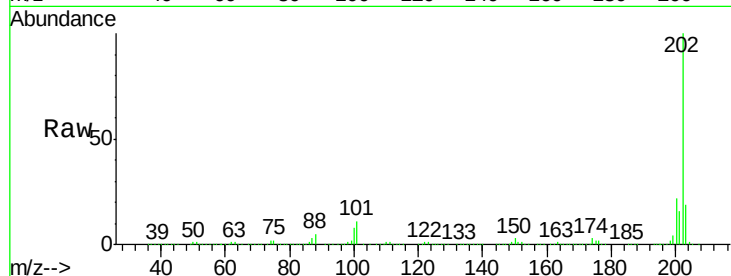
#75
 Fluoranthene
 Concen: 46.922 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BF119517.D
 Acq: 25 Mar 2020 22:13

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	32.4
203	19.2	0.0	38.5

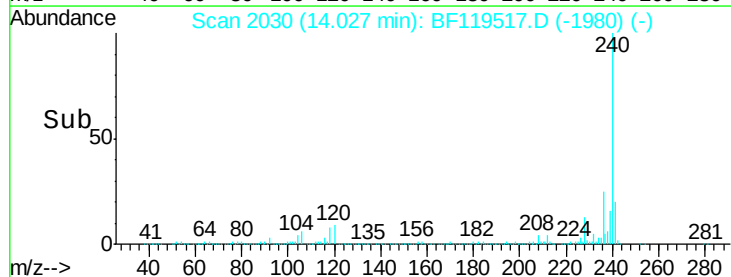
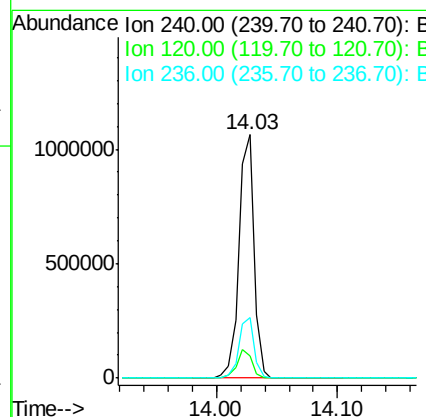
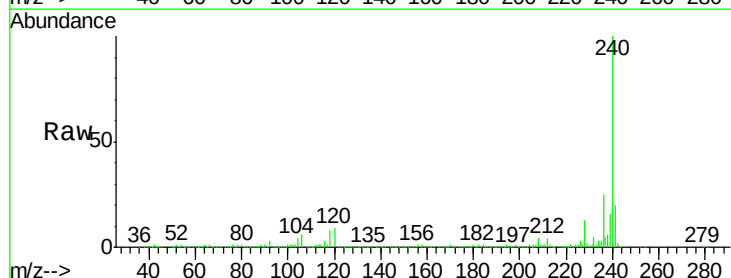
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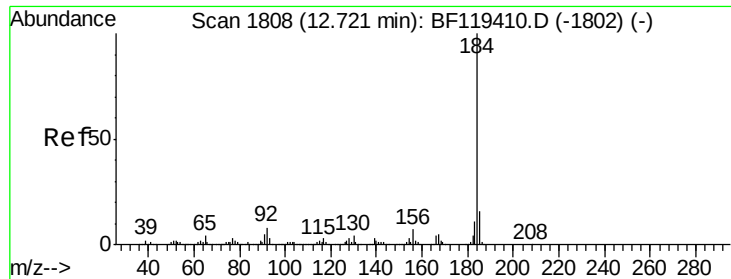
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF119517.D
 Acq: 25 Mar 2020 22:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	10.2	15.4#
236	25.1	20.4	30.6





#77

Benzidine

Concen: 26.406 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF119517.D

Acq: 25 Mar 2020 22:13

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MSD

Tot Ion:184 Resp: 1042016

Ion Ratio Lower Upper

184 100

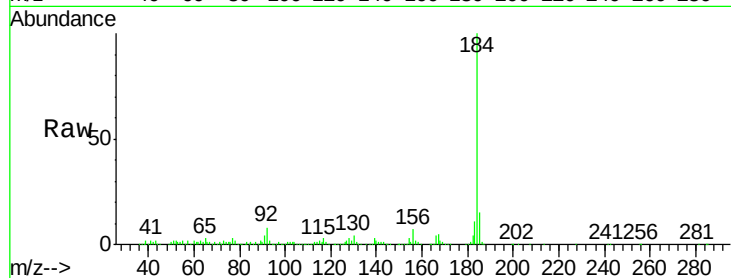
185 14.7 12.9 19.3

183 11.2 9.0 13.4

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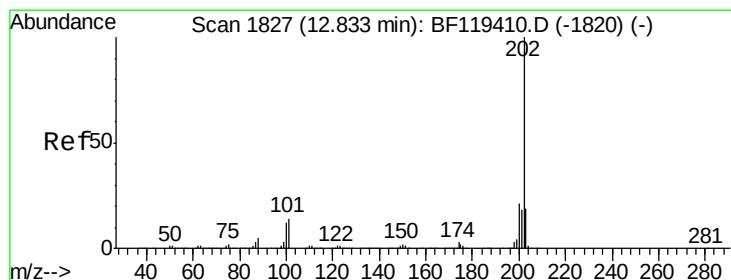
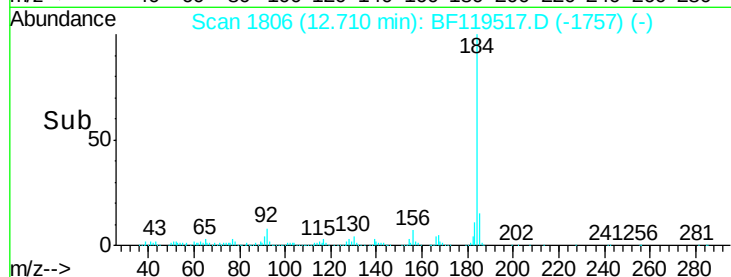
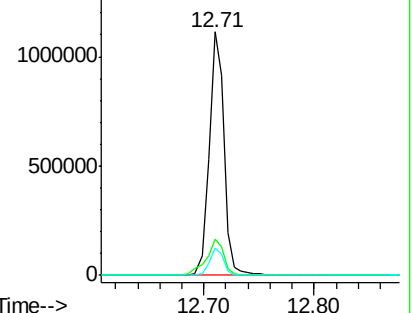
3/27/2020 8:12:11 AM



Abundance Ion 184.00 (183.70 to 184.70): E

1500000 Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.320 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF119517.D

Acq: 25 Mar 2020 22:13

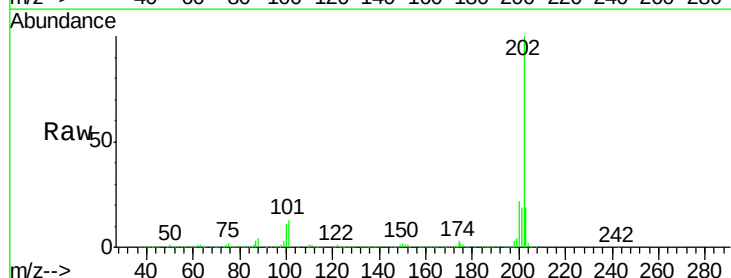
Tgt Ion:202 Resp: 3621142

Ion Ratio Lower Upper

202 100

200 22.1 16.8 25.2

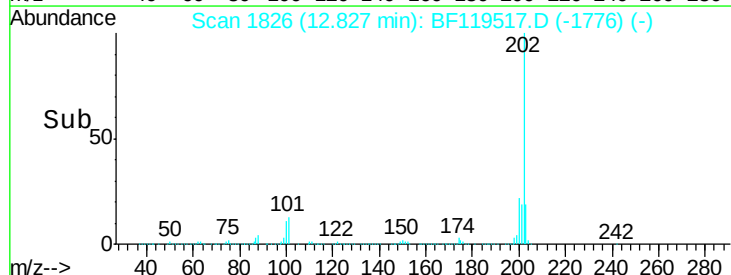
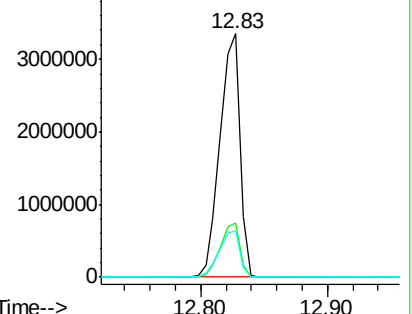
203 19.0 14.8 22.2

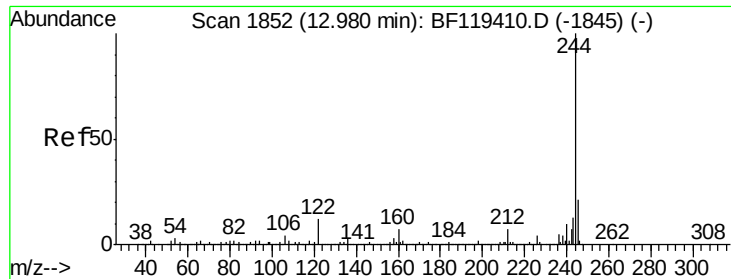


Abundance Ion 202.00 (201.70 to 202.70): E

4000000 Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





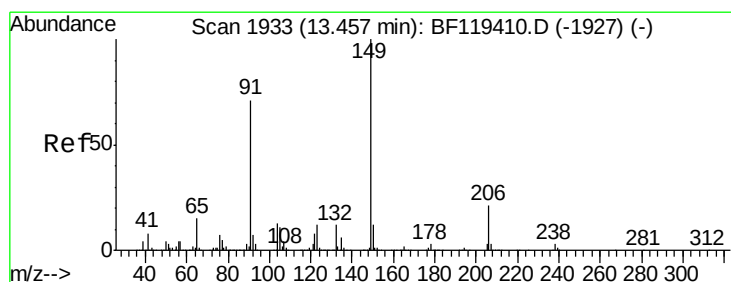
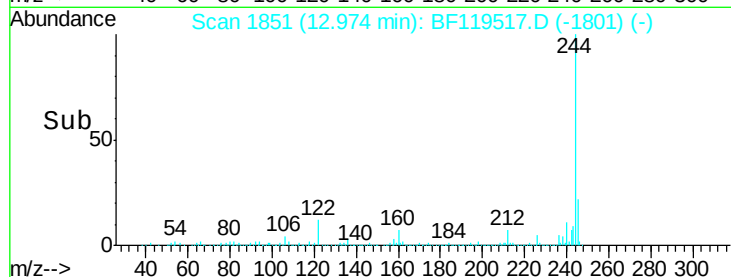
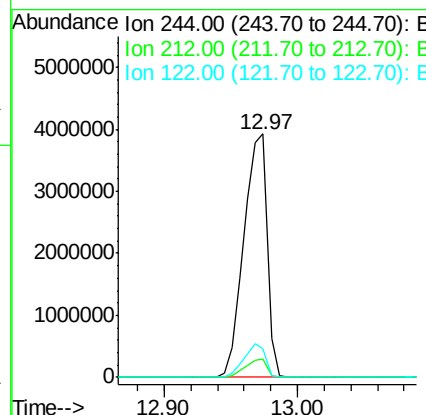
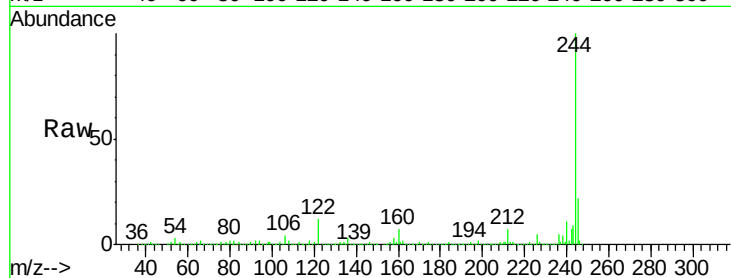
#79
 Terphenyl-d14
 Concen: 99.435 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF119517.D
 Acq: 25 Mar 2020 22:13

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MSD

Tot Ion:244 Resp: 4732337
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 11.8 9.8 14.8

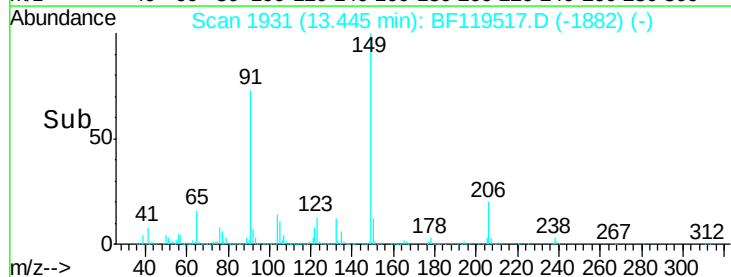
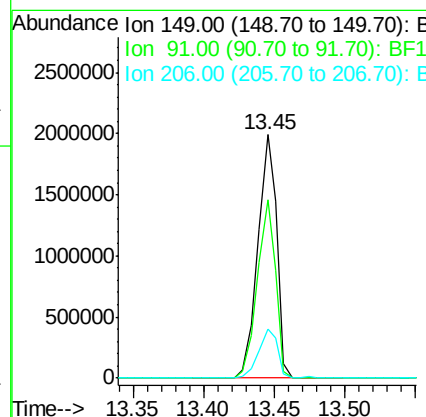
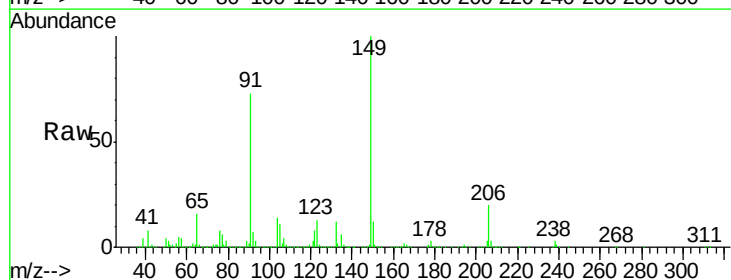
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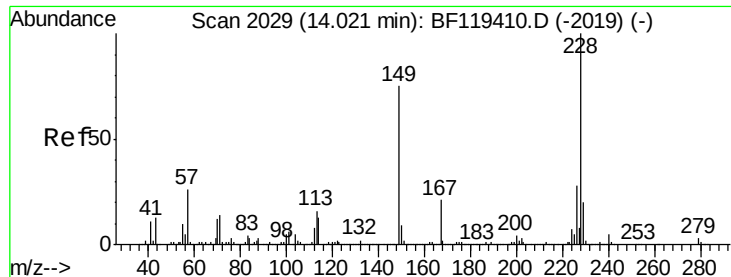
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#80
 Butylbenzylphthalate
 Concen: 60.335 ng
 RT: 13.45 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BF119517.D
 Acq: 25 Mar 2020 22:13

Tgt Ion:149 Resp: 1867402
 Ion Ratio Lower Upper
 149 100
 91 73.2 57.0 85.6
 206 20.0 16.4 24.6





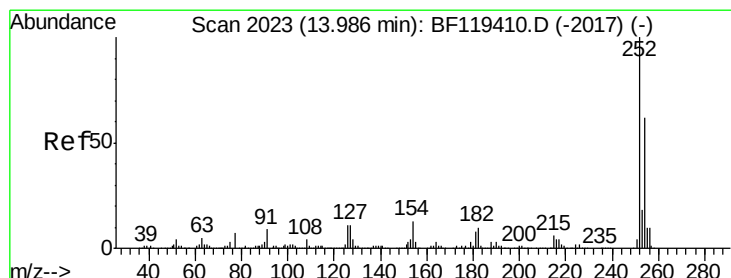
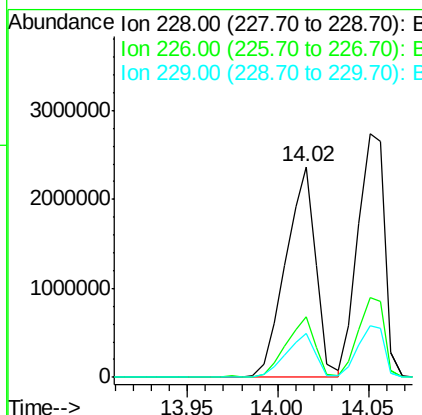
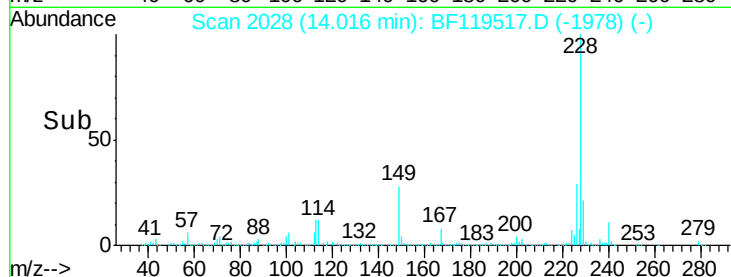
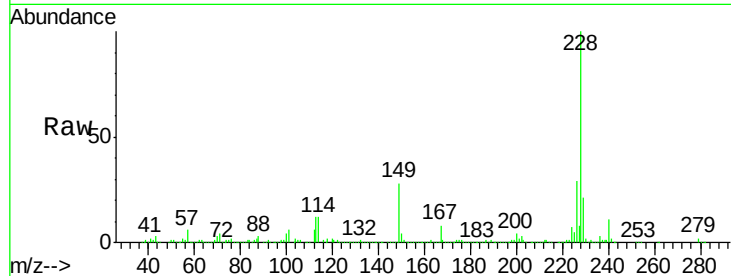
#81
Benzo(a)anthracene
Concen: 45.418 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MSD

Tot Ion:228 Resp: 2753876
Ion Ratio Lower Upper
228 100
226 28.7 22.3 33.5
229 20.6 16.3 24.5

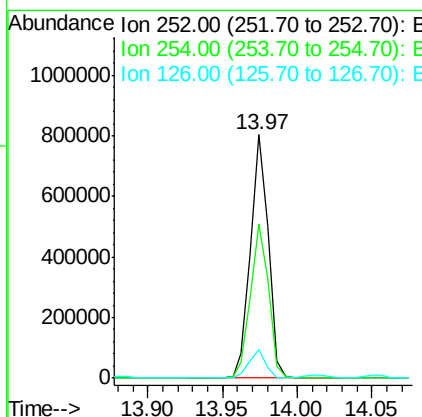
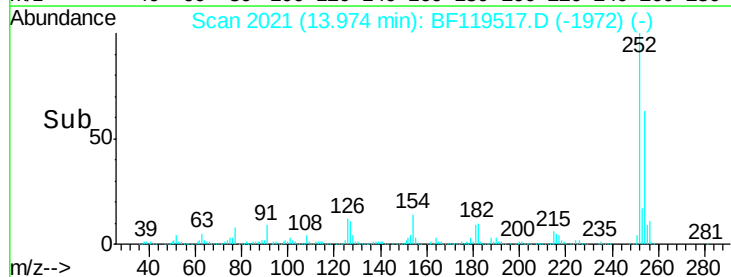
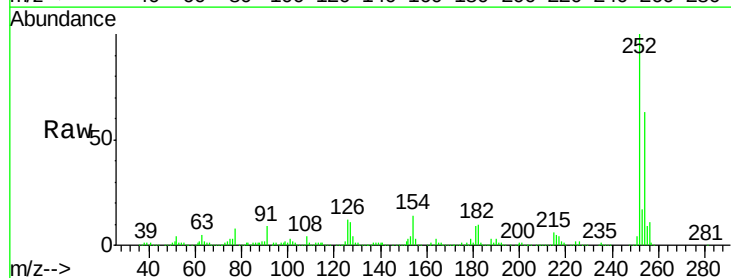
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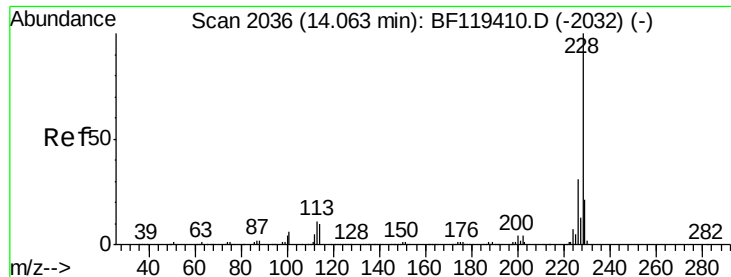
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 27.552 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Tgt Ion:252 Resp: 658709
Ion Ratio Lower Upper
252 100
254 63.4 49.8 74.8
126 11.9 8.9 13.3





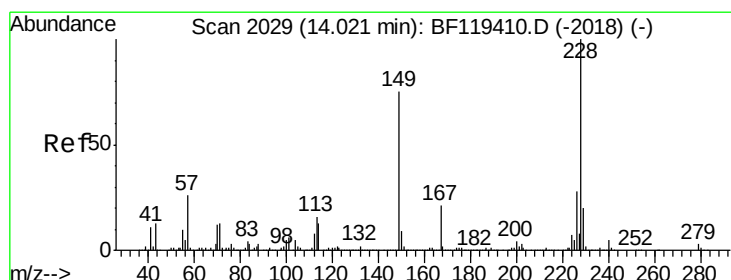
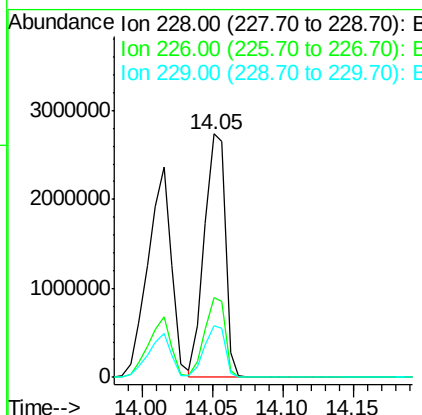
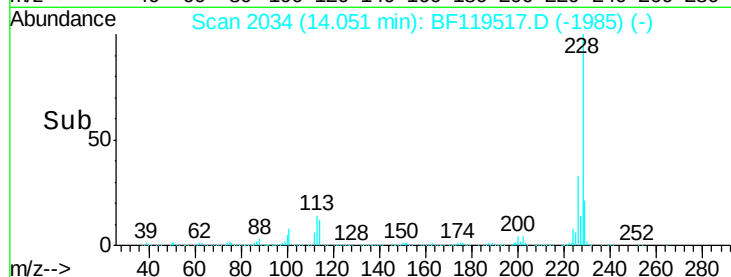
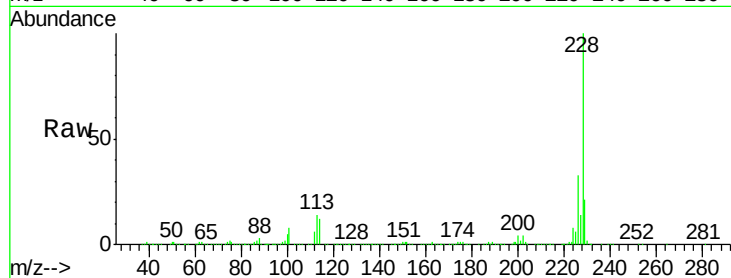
#83
 Chrysene
 Concen: 45.231 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF119517.D
 Acq: 25 Mar 2020 22:13

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032420MSD

Tot Ion:228 Resp: 2830425
 Ion Ratio Lower Upper
 228 100
 226 33.0 24.8 37.2
 229 21.4 16.6 25.0

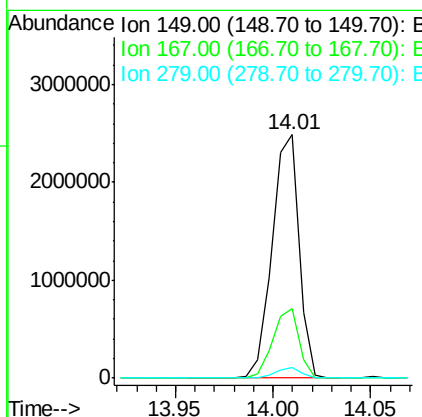
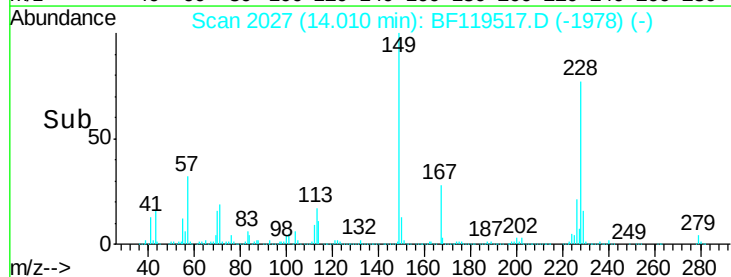
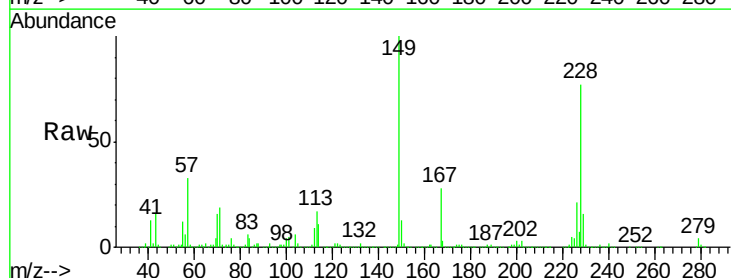
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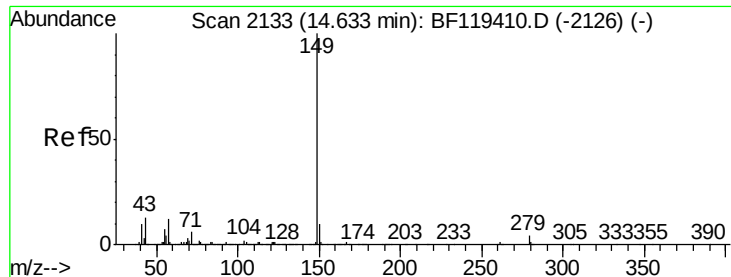
mohammad
 3/27/2020 8:12:11 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 64.501 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF119517.D
 Acq: 25 Mar 2020 22:13

Tgt Ion:149 Resp: 2379799
 Ion Ratio Lower Upper
 149 100
 167 28.5 22.0 33.0
 279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 64.743 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF119517.D

Acq: 25 Mar 2020 22:13

Instrument :

BNA_F

ClientSampleId :

NB-08-032420MSD

Tot Ion:149 Resp: 4201113

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7

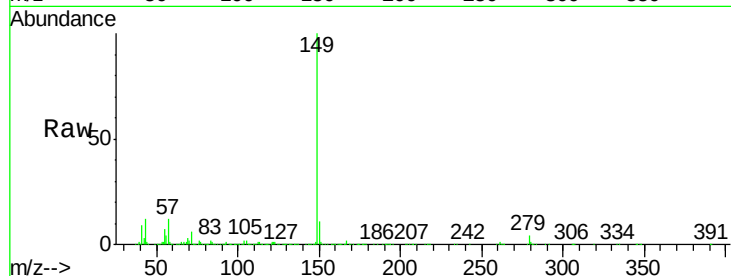
43 12.0 10.1 15.1

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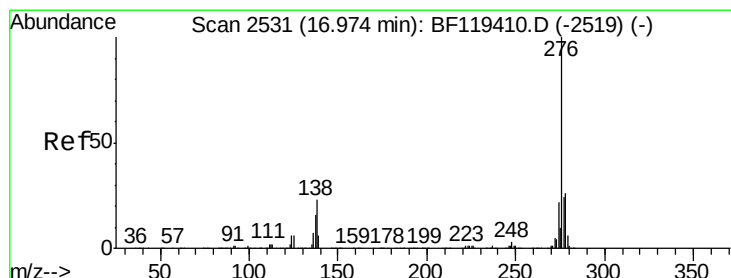
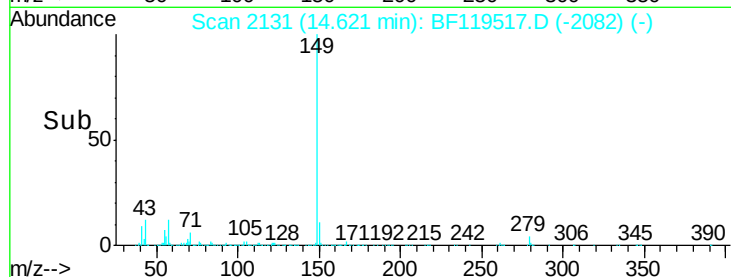
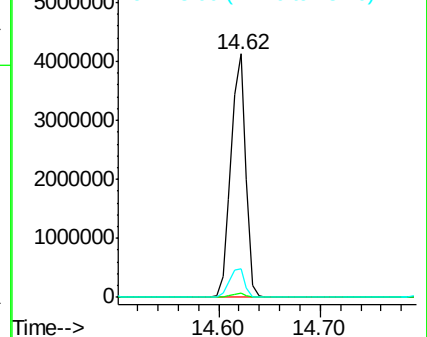
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 45.150 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BF119517.D

Acq: 25 Mar 2020 22:13

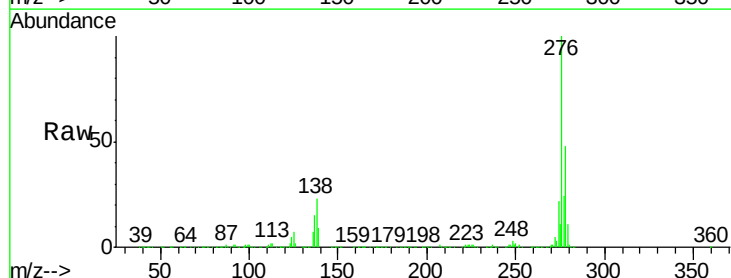
Tgt Ion:276 Resp: 2660971

Ion Ratio Lower Upper

276 100

138 23.9 21.3 31.9

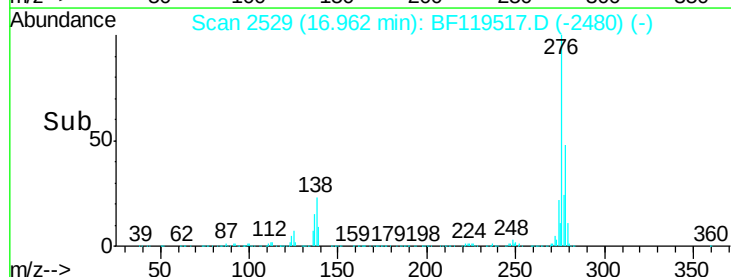
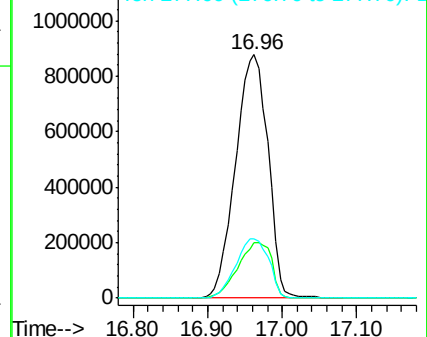
277 25.1 20.2 30.2

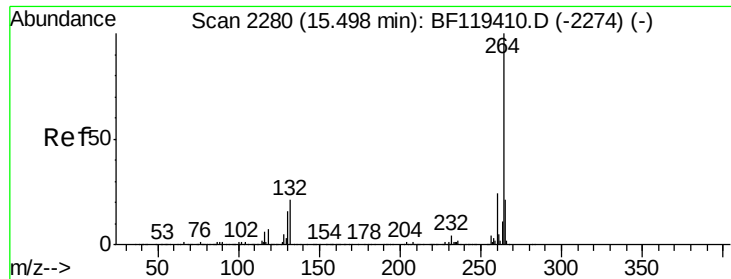


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF119517.D

Acq: 25 Mar 2020 22:13

Instrument :

BNA_F

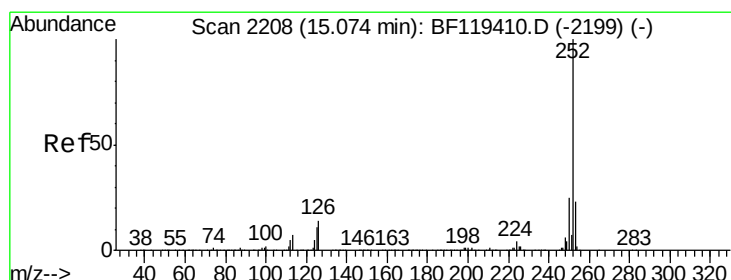
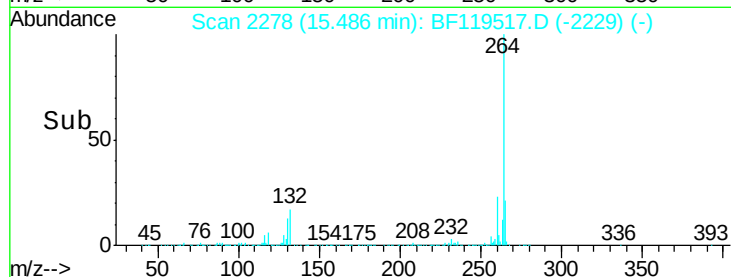
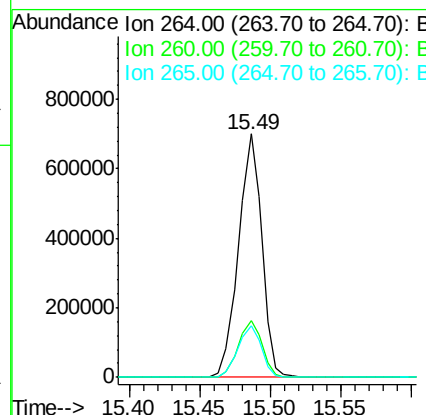
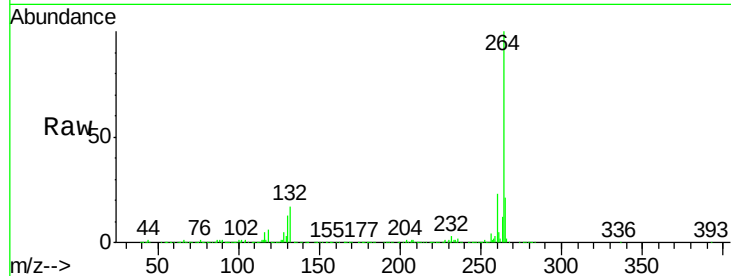
ClientSampleId :

NB-08-032420MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 50.525 ng

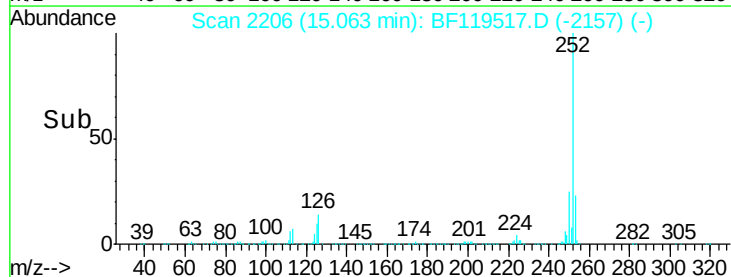
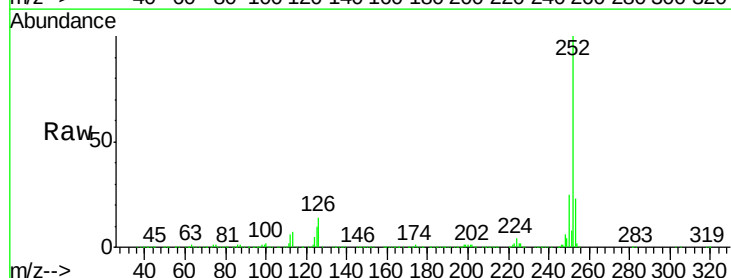
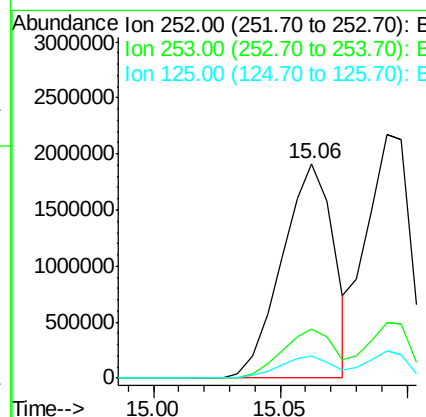
RT: 15.06 min Scan# 2206

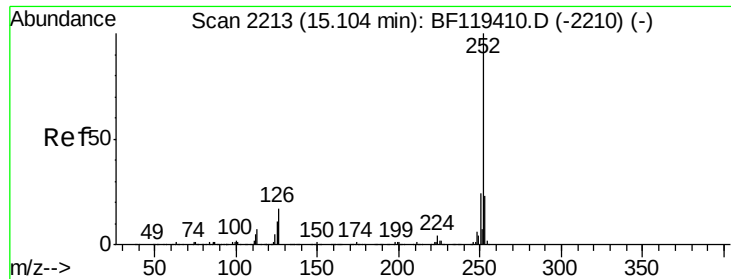
Delta R.T. -0.01 min

Lab File: BF119517.D

Acq: 25 Mar 2020 22:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	10.3	8.8	13.2





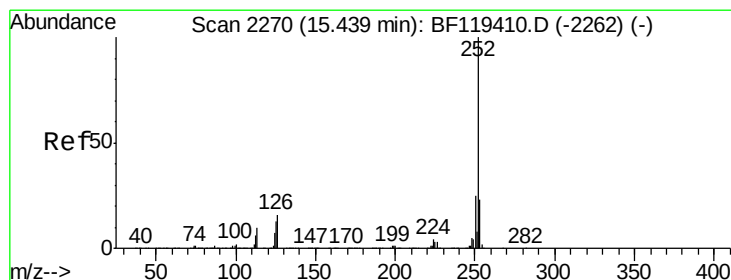
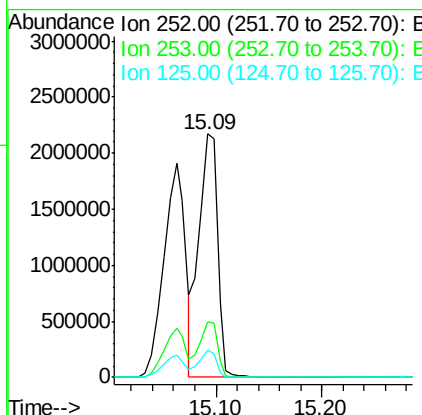
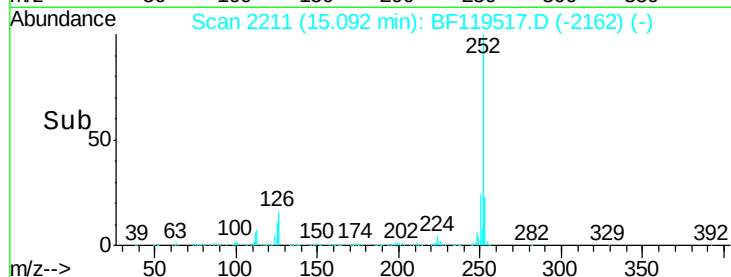
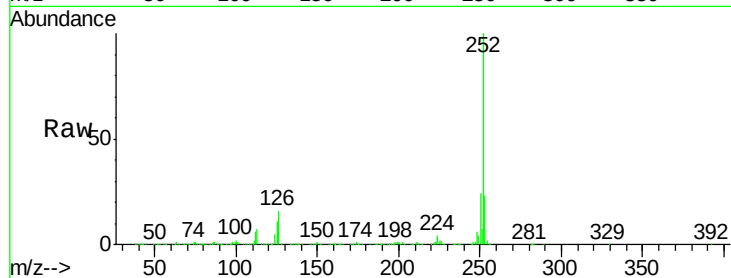
#89
Benzo(k)fluoranthene
Concen: 51.258 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	11.4	9.0	13.4

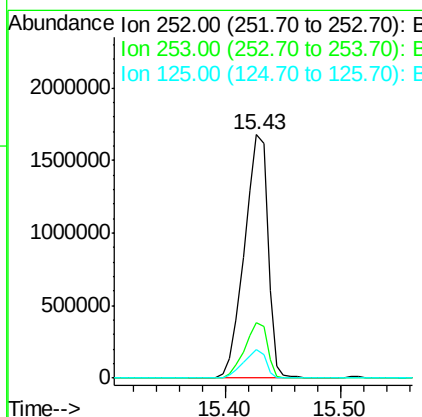
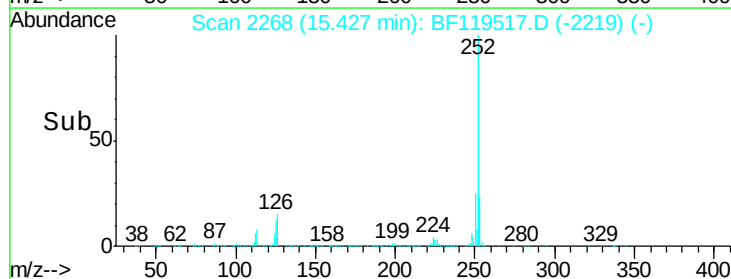
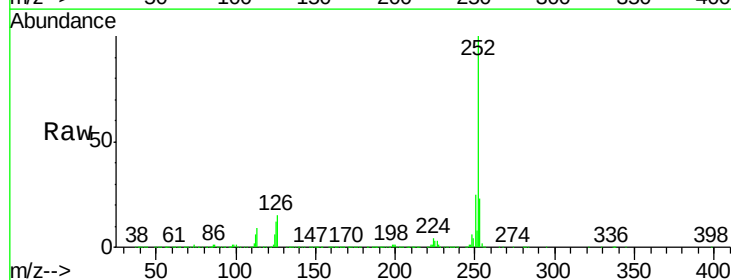
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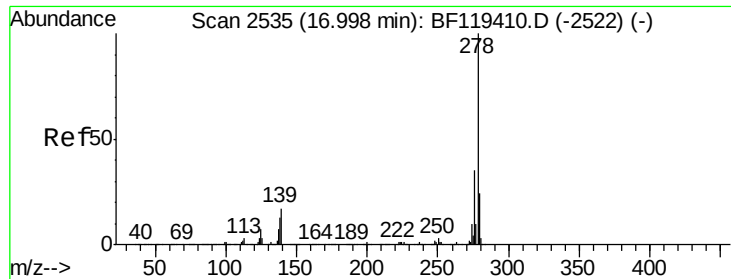
mohammad
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#90
Benzo(a)pyrene
Concen: 48.517 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	11.8	10.2	15.2





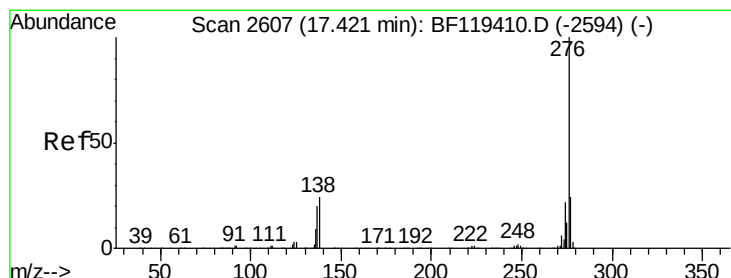
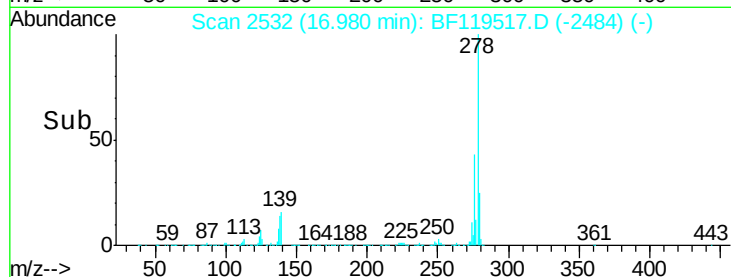
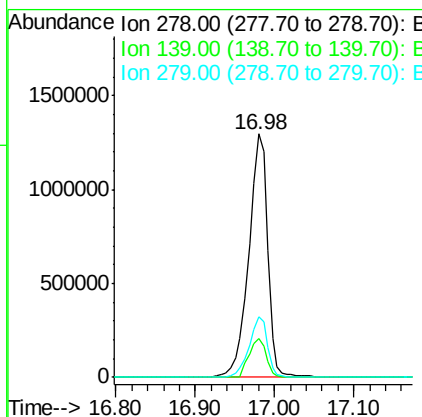
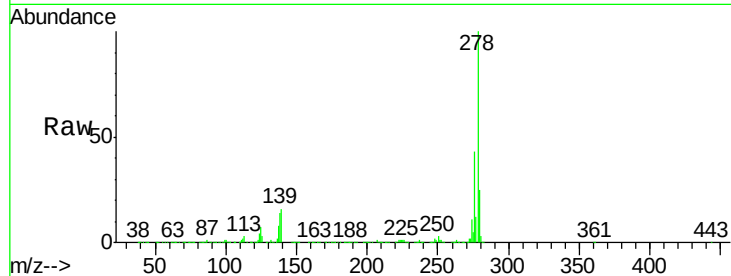
#91
Dibenzo(a,h)anthracene
Concen: 50.366 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Instrument :
BNA_F
ClientSampleId :
NB-08-032420MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.7	20.5
279	24.9	19.2	28.8

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#92
Benzo(g,h,i)perylene
Concen: 50.136 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.02 min
Lab File: BF119517.D
Acq: 25 Mar 2020 22:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.8	28.2
138	21.2	19.1	28.7

