

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119547.D
 Acq On : 26 Mar 2020 23:20
 Operator : CG/JU
 Sample : L1753-16MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032520MSD

Manual Integrations
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 3/30/2020 8:50:51 AM

Quant Time: Mar 27 02:45:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 16:30:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	280939	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1107691	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	590803	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1143672	20.00	ng	0.00
76) Chrysene-d12	14.02	240	812447	20.00	ng	0.00
87) Perylene-d12	15.48	264	752705	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	2218370	125.70	ng	0.03
7) Phenol-d6	6.47	99	2553247	113.26	ng	0.00
23) Nitrobenzene-d5	7.40	82	2074558	101.79	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	981871	161.09	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3818271	95.75	ng	0.00
79) Terphenyl-d14	12.96	244	4391097	105.89	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.81	88	333630	38.277	ng	# 83
3) Pyridine	3.49	79	784540	32.672	ng	97
4) n-Nitrosodimethylamine	3.42	42	495719	42.333	ng	99
6) Aniline	6.50	93	346742	11.144	ng	99
8) 2-Chlorophenol	6.62	128	978273	52.779	ng	98
9) Benzaldehyde	6.39	77	524531	36.677	ng	98
10) Phenol	6.48	94	964895	40.112	ng	100
11) bis(2-Chloroethyl)ether	6.57	93	979802	50.928	ng	98
12) 1,3-Dichlorobenzene	6.78	146	936119	46.664	ng	97
13) 1,4-Dichlorobenzene	6.86	146	954621	47.574	ng	99
14) 1,2-Dichlorobenzene	7.01	146	900888	48.033	ng	99
15) Benzyl Alcohol	6.98	79	854911	50.413	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1793926	46.228	ng	97
17) 2-Methylphenol	7.09	107	774263	45.591	ng	99
18) Hexachloroethane	7.35	117	360649	49.044	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	716867	52.756	ng	96
20) 3+4-Methylphenols	7.25	107	922920	44.344	ng	# 78
22) Acetophenone	7.25	105	1316911	49.755	ng	96
24) Nitrobenzene	7.42	77	1053176	48.352	ng	99
25) Isophorone	7.66	82	1990093	48.134	ng	98
26) 2-Nitrophenol	7.73	139	531477	61.971	ng	97
27) 2,4-Dimethylphenol	7.77	122	849010	47.876	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	1261137	51.584	ng	99
29) 2,4-Dichlorophenol	7.98	162	834833	51.235	ng	96
30) 1,2,4-Trichlorobenzene	8.06	180	865928	48.054	ng	99
31) Naphthalene	8.15	128	2769174	48.579	ng	99
32) Benzoic acid	7.90	122	621432	54.477	ng	96
33) 4-Chloroaniline	8.19	127	229882	8.801	ng	96
34) Hexachlorobutadiene	8.26	225	491059	48.706	ng	97
35) Caprolactam	8.57	113	219571m	41.175	ng	
36) 4-Chloro-3-methylphenol	8.67	107	916166	51.444	ng	99
37) 2-Methylnaphthalene	8.84	142	1945938	52.016	ng	99
38) 1-Methylnaphthalene	8.94	142	1853654	52.349	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	829836	47.921	ng	99

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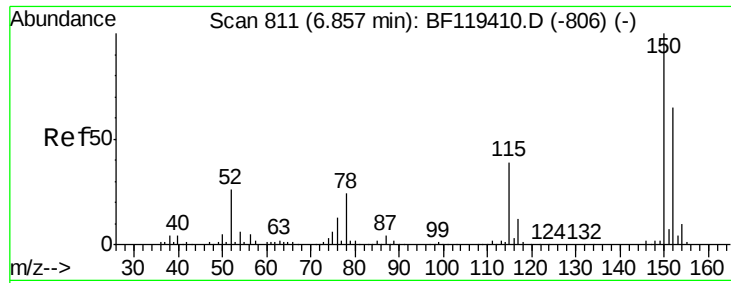
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	969872	98.515	nq	97
43) 2,4,6-Trichlorophenol	9.12	196	660668	53.312	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	657715	47.378	nq	98
46) 1,1'-Biphenyl	9.30	154	2328291	48.387	nq	100
47) 2-Chloronaphthalene	9.33	162	1812400	48.085	nq	98
48) 2-Nitroaniline	9.42	65	684213	52.593	nq	98
49) Acenaphthylene	9.75	152	2852625	48.195	nq	99
50) Dimethylphthalate	9.61	163	2214497	52.770	nq	98
51) 2,6-Dinitrotoluene	9.67	165	493585	54.874	nq	96
52) Acenaphthene	9.92	154	1781653	48.284	nq	100
53) 3-Nitroaniline	9.83	138	224049	19.730	nq	99
54) 2,4-Dinitrophenol	9.95	184	552962	136.428	nq	95
55) Dibenzofuran	10.09	168	2597918	49.106	nq	98
56) 4-Nitrophenol	10.00	139	777713	86.814	nq	89
57) 2,4-Dinitrotoluene	10.07	165	668908	59.032	nq	89
58) Fluorene	10.44	166	2006499	51.288	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.21	232	584002	56.279	nq	100
60) Diethylphthalate	10.32	149	2283507	53.614	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	965906	50.488	nq	99
62) 4-Nitroaniline	10.46	138	508072	46.657	nq	100
63) Azobenzene	10.59	77	2166341	50.508	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	355166	74.059	nq	91
66) n-Nitrosodiphenylamine	10.55	169	1888254	50.293	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	653630	50.183	nq	98
68) Hexachlorobenzene	10.99	284	702477	52.696	nq	# 90
69) Atrazine	11.07	200	592126	57.527	nq	98
70) Pentachlorophenol	11.17	266	811253	103.787	nq	99
71) Phenanthrene	11.40	178	2938790	49.556	nq	99
72) Anthracene	11.45	178	2994472	49.683	nq	99
73) Carbazole	11.60	167	2818154	47.239	nq	98
74) Di-n-butylphthalate	11.94	149	3472392	54.412	nq	98
75) Fluoranthene	12.59	202	3208638	49.995	nq	99
77) Benzidine	12.70	184	288107	8.379	nq	96
78) Pyrene	12.82	202	3207181	48.100	nq	99
80) Butylbenzylphthalate	13.44	149	1536915	56.991	nq	99
81) Benzo(a)anthracene	14.00	228	2505154	47.417	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	463291	22.240	nq	97
83) Chrysene	14.04	228	2617584	48.007	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1945257	60.510	nq	99
85) Di-n-octyl phthalate	14.61	149	3439493	60.834	nq	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	2361383	45.984	nq	98
88) Benzo(b)fluoranthene	15.06	252	2582009	51.352	nq	98
89) Benzo(k)fluoranthene	15.09	252	2423648	50.622	nq	100
90) Benzo(a)pyrene	15.42	252	2230387	48.811	nq	98
91) Dibenzo(a,h)anthracene	16.97	278	1947839	48.736	nq	97
92) Benzo(g,h,i)perylene	17.40	276	1917374	47.753	nq	97

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



#1

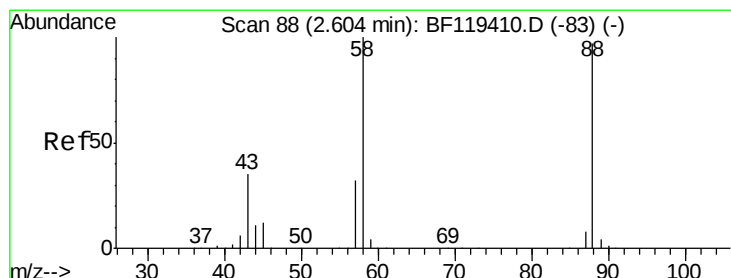
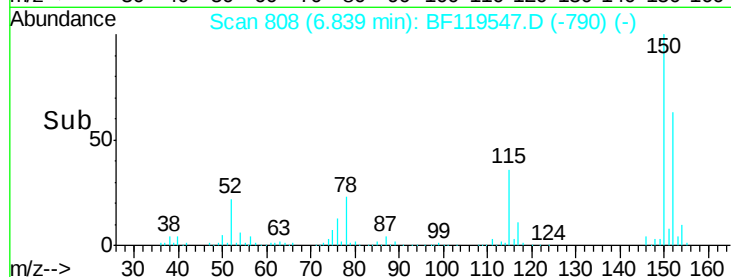
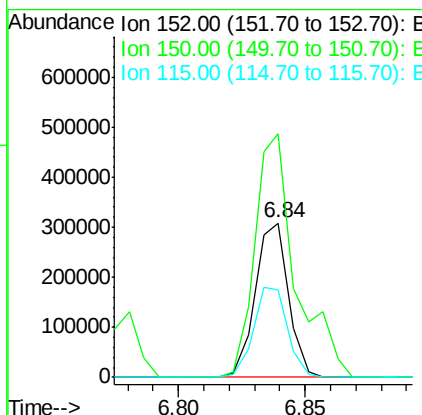
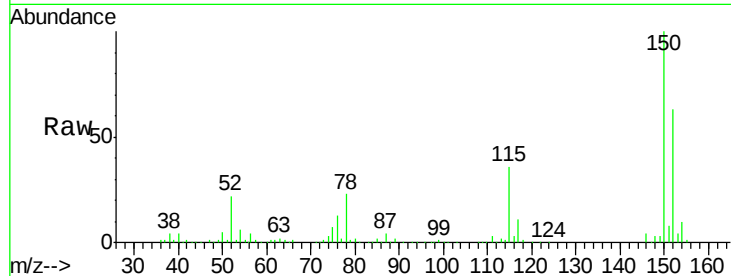
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.01 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	123.9	185.9
115	57.0	47.8	71.6

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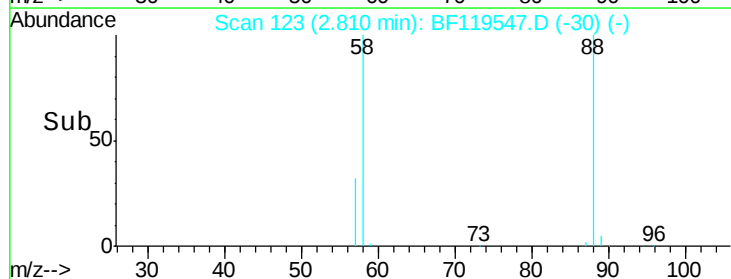
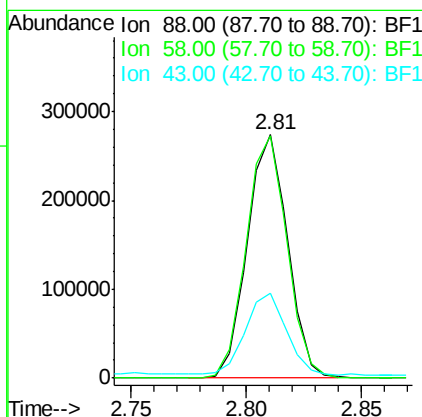
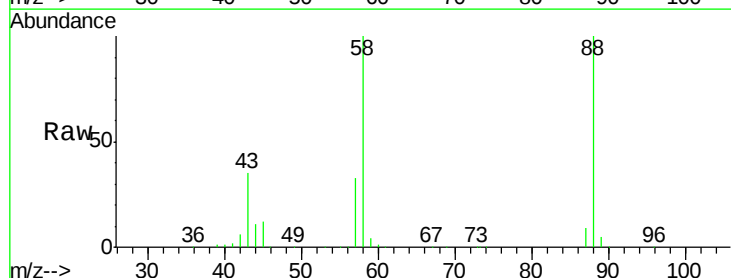
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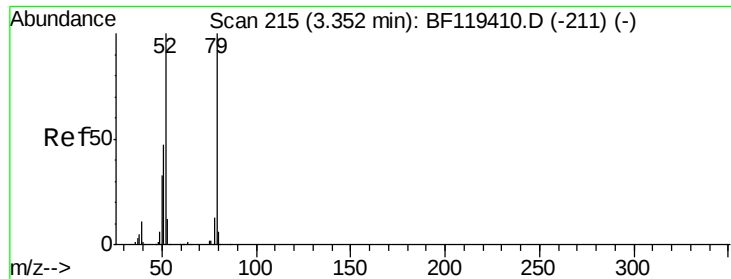


#2

1,4-Dioxane
Concen: 38.277 ng
RT: 2.81 min Scan# 123
Delta R.T. 0.25 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.2	79.4	119.2
43	0.0	28.4	42.6#





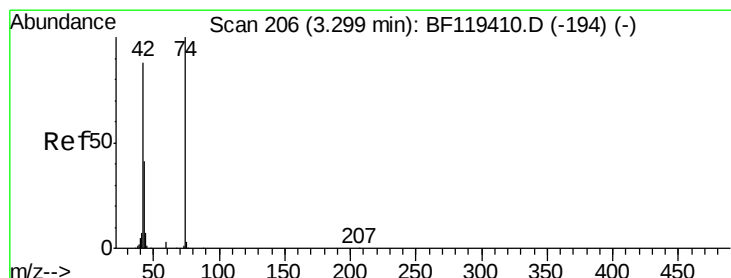
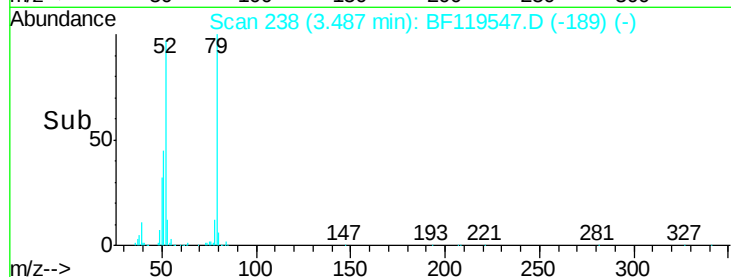
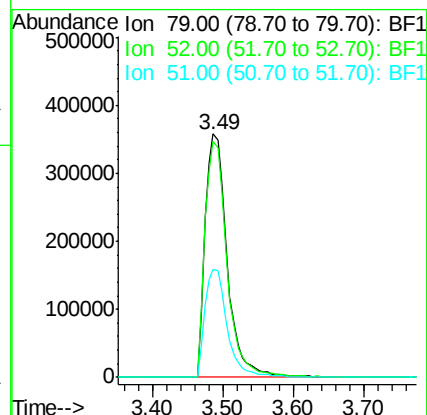
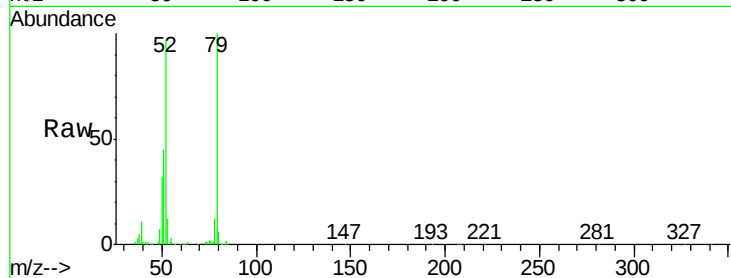
#3
 Pvridine
 Concen: 32.672 ng
 RT: 3.49 min Scan# 238
 Delta R.T. 0.19 min
 Lab File: BF119547.D
 Acq: 26 Mar 2020 23:20

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032520MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	96.9	80.0	120.0
51	44.5	37.9	56.9

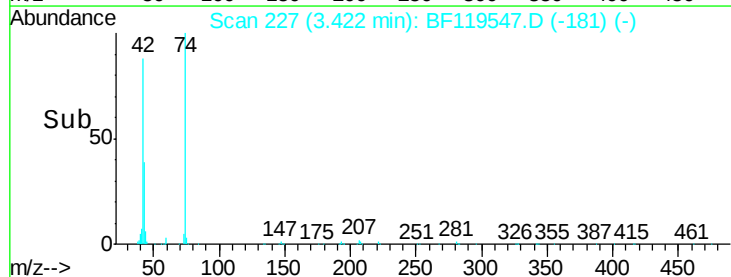
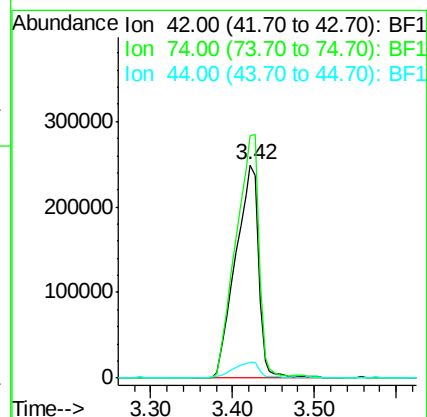
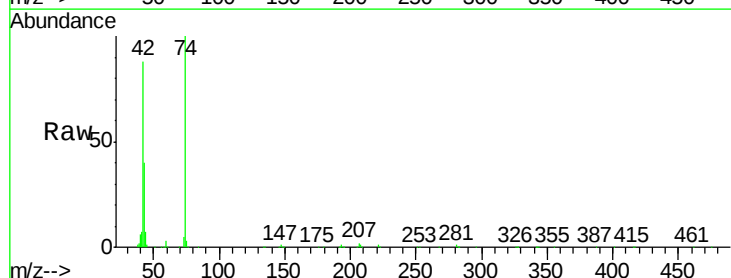
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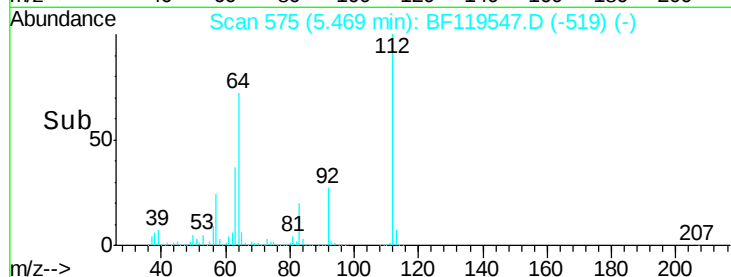
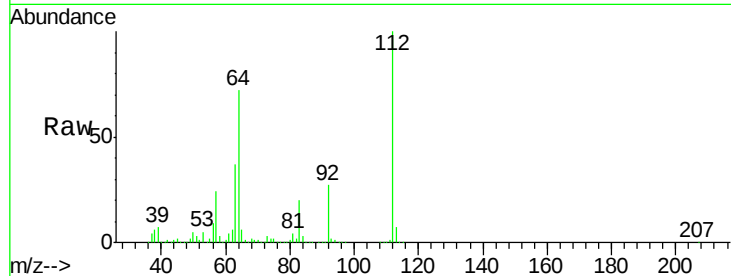
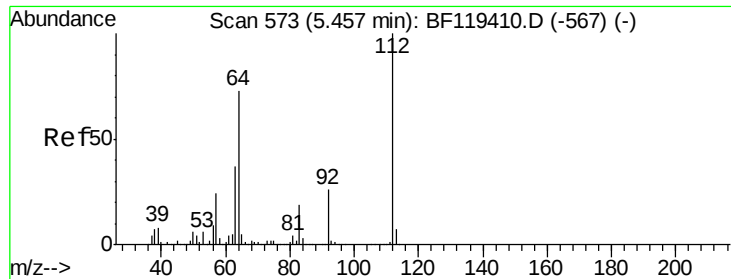
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#4
 n-Nitrosodimethylamine
 Concen: 42.333 ng
 RT: 3.42 min Scan# 227
 Delta R.T. 0.17 min
 Lab File: BF119547.D
 Acq: 26 Mar 2020 23:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	113.4	91.3	136.9
44	7.6	7.1	10.7





#5

2-Fluorophenol

Concen: 125.701 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.03 min

Lab File: BF119547.D

Acq: 26 Mar 2020 23:20

Tot Ion:	112	Resp:	2218370
Ion	Ratio	Lower	Upper
112	100		
64	72.0	58.1	87.1
63	37.2	29.7	44.5

Instrument :

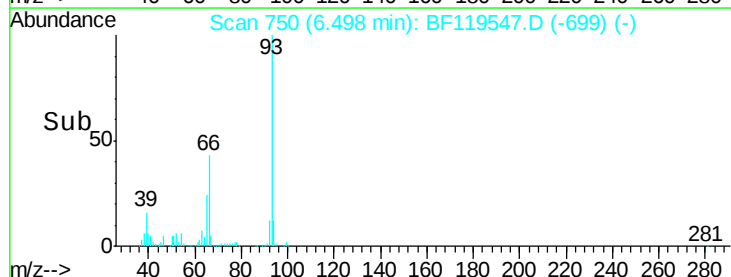
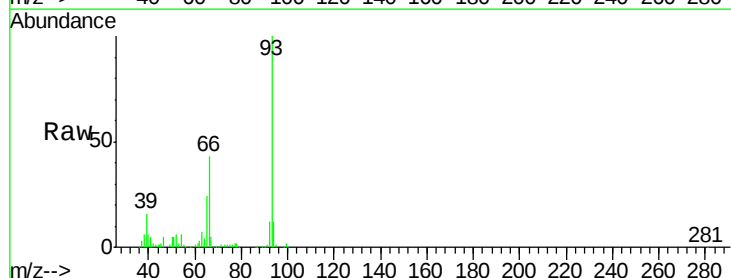
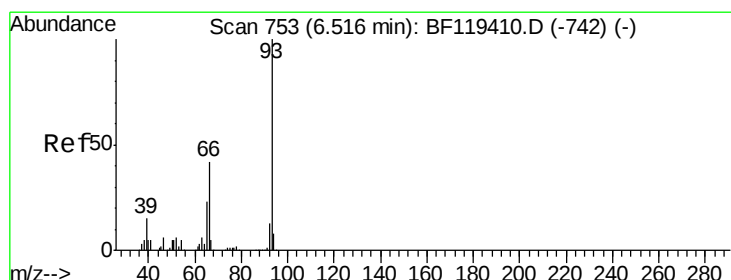
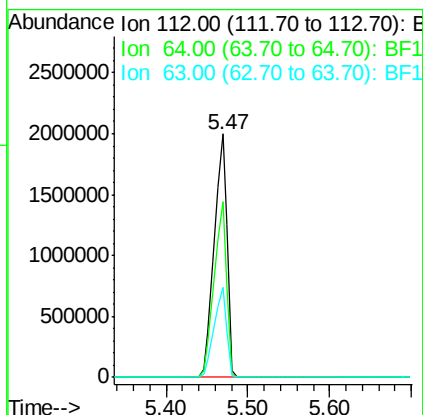
BNA_F

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#6

Aniline

Concen: 11.144 ng

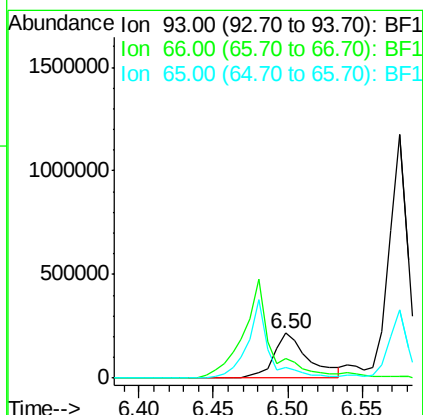
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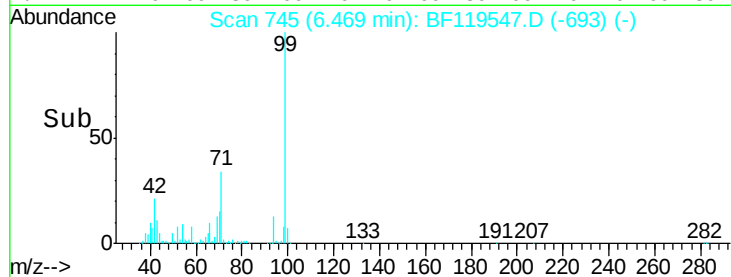
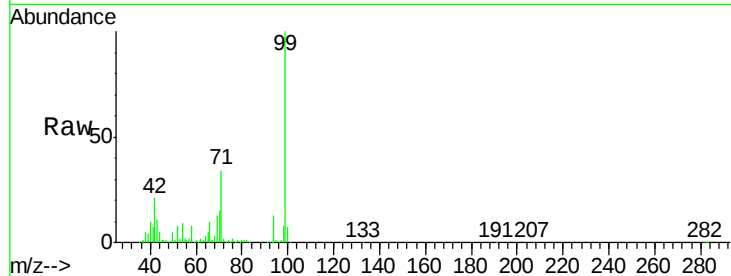
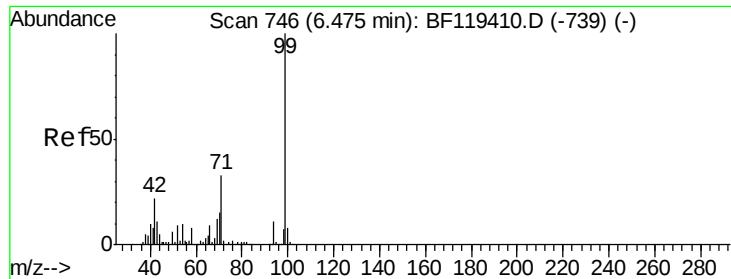
Delta R.T. -0.00 min

Lab File: BF119547.D

Acq: 26 Mar 2020 23:20

Tgt Ion:	93	Resp:	346742
Ion	Ratio	Lower	Upper
93	100		
66	43.1	34.2	51.4
65	23.5	18.2	27.4





#7

Phenol-d6

Concen: 113.256 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF119547.D

Acq: 26 Mar 2020 23:20

Tot Ion:	99	Resp:	2553247
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.8	26.6
71	33.5	26.0	39.0

Instrument :

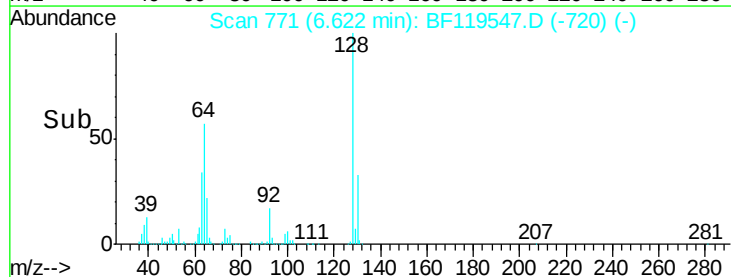
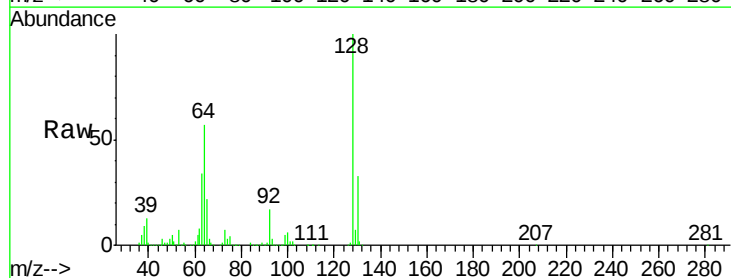
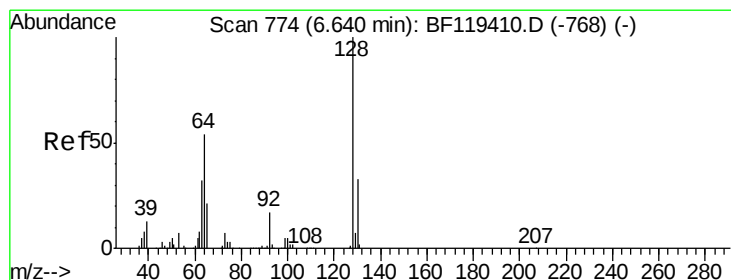
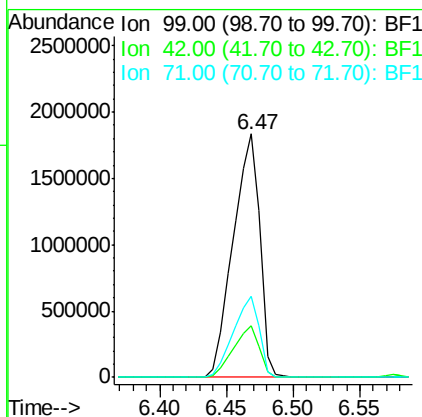
BNA_F

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#8

2-Chlorophenol

Concen: 52.779 ng

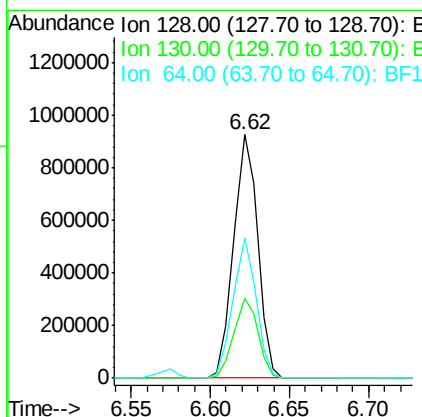
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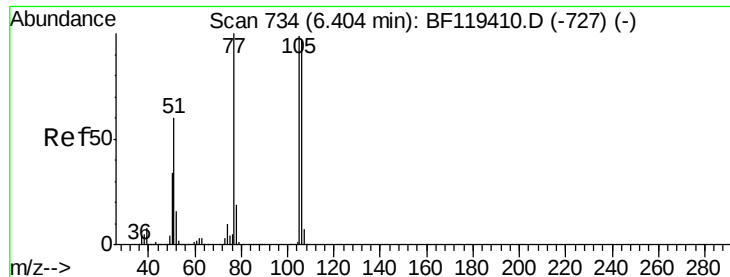
Delta R.T. -0.00 min

Lab File: BF119547.D

Acq: 26 Mar 2020 23:20

Tgt Ion:	128	Resp:	978273
Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.0	53.0
64	57.5	35.1	75.1





#9

Benzaldehyde

Concen: 36.677 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF119547.D

Acq: 26 Mar 2020 23:20

Instrument :

BNA_F

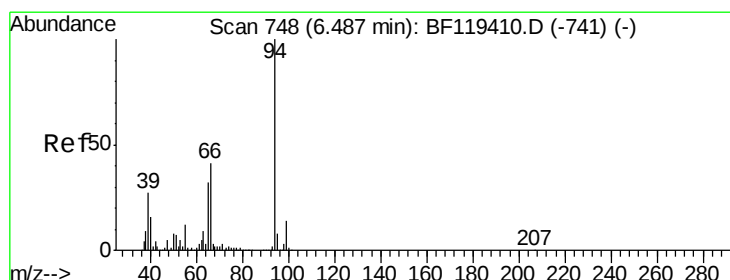
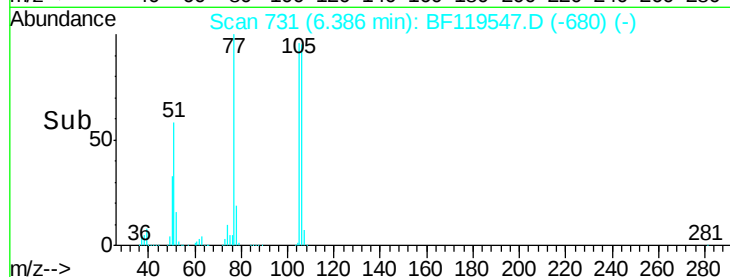
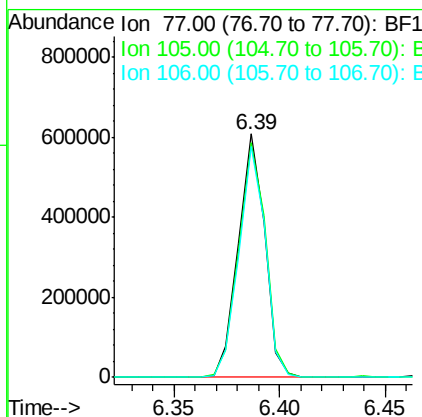
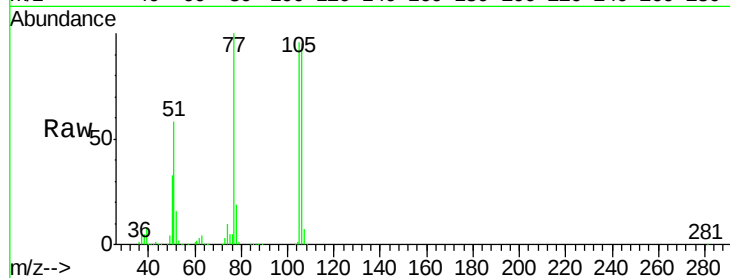
ClientSampleId :

CL-02-032520MSD

Tot Ion:	77	Resp:	524531
Ion Ratio	Lower	Upper	
77	100		
105	96.4	78.6	118.6
106	94.9	76.5	116.5

Manual Integrations
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#10

Phenol

Concen: 40.112 ng

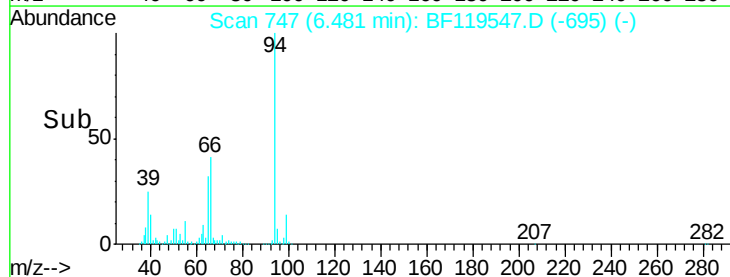
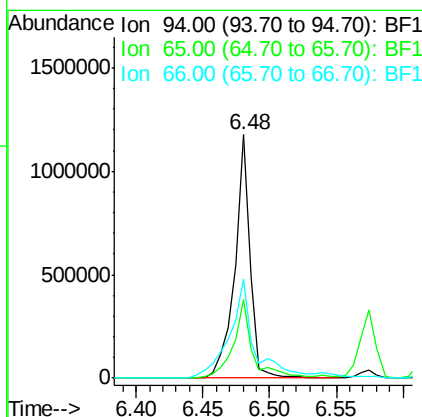
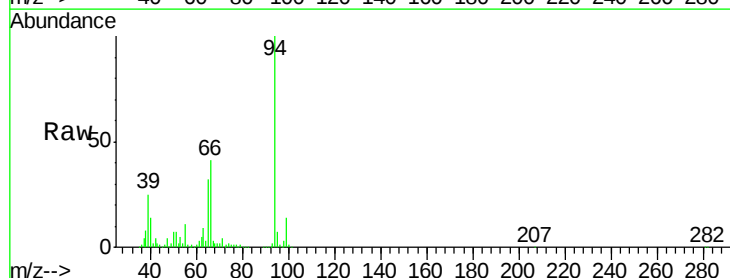
RT: 6.48 min Scan# 747

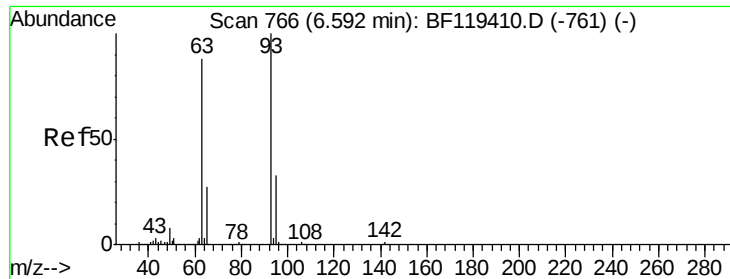
Delta R.T. 0.01 min

Lab File: BF119547.D

Acq: 26 Mar 2020 23:20

Tgt Ion:	94	Resp:	964895
Ion Ratio	Lower	Upper	
94	100		
65	32.2	12.0	52.0
66	40.7	20.6	60.6





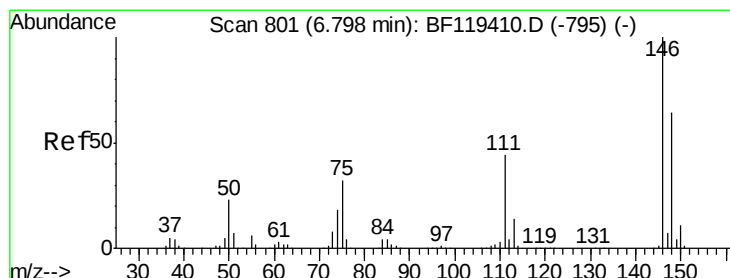
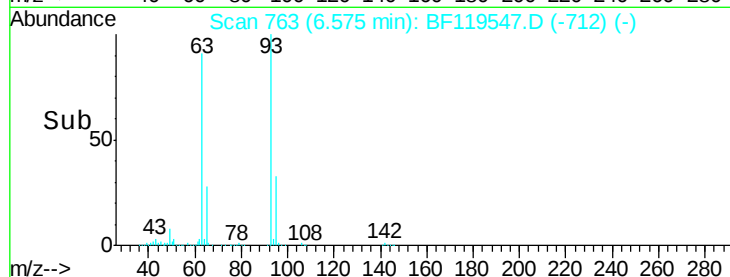
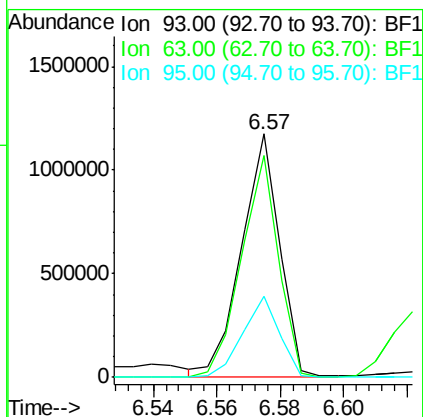
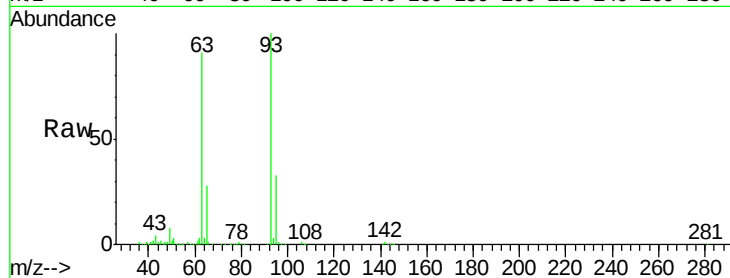
#11
bis(2-Chloroethyl)ether
Concen: 50.928 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

Tot Ion	93	Resp	979802
Ion	Ratio	Lower	Upper
93	100		
63	91.4	68.4	108.4
95	33.1	13.4	53.4

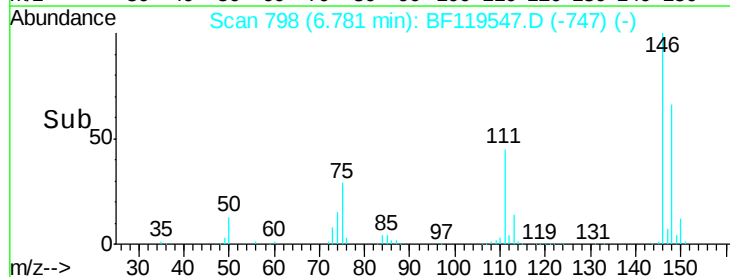
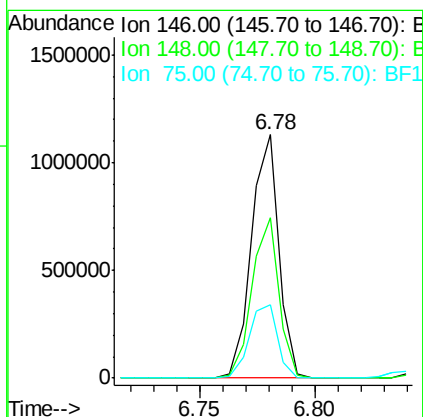
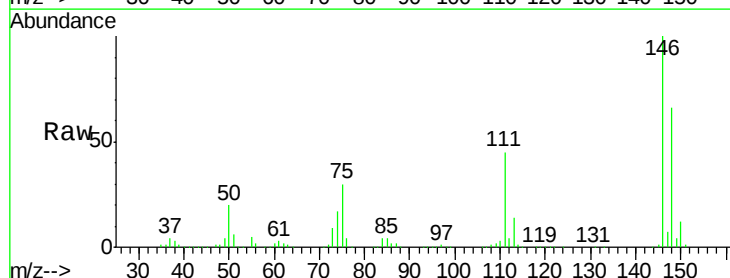
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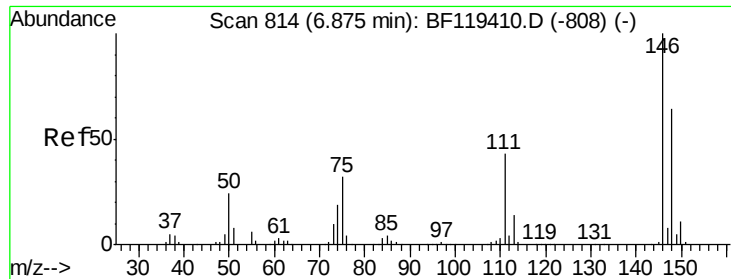
mohammad
3/30/2020 8:50:51 AM



#12
1,3-Dichlorobenzene
Concen: 46.664 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tgt Ion	146	Resp	936119
Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.4	77.0
75	30.0	25.8	38.8





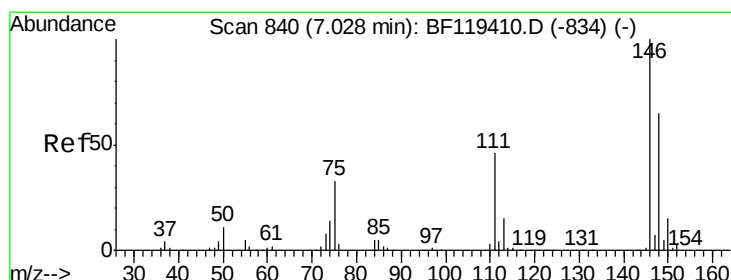
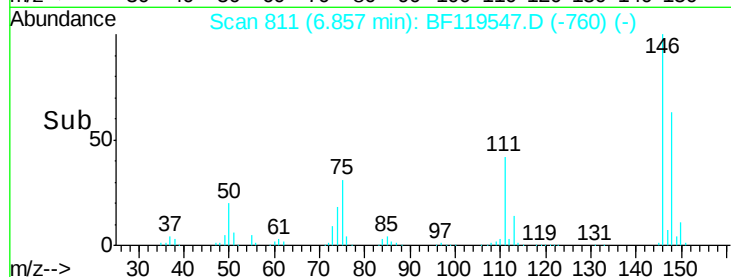
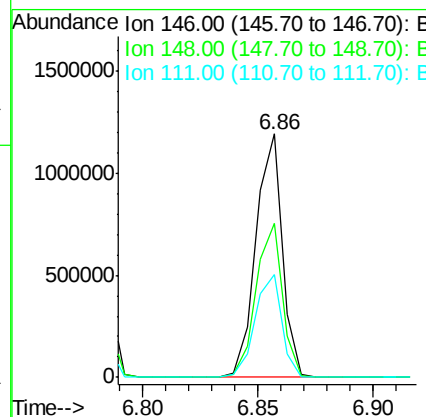
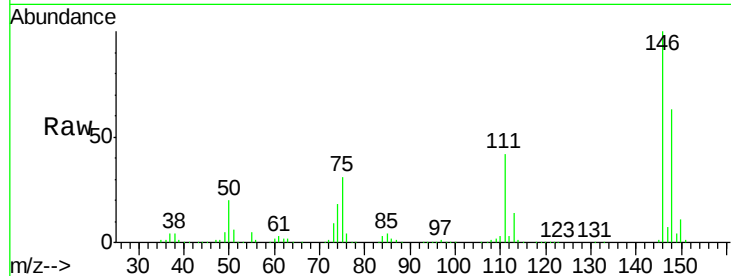
#13
1,4-Dichlorobenzene
Concen: 47.574 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.9	76.3
111	42.1	34.6	52.0

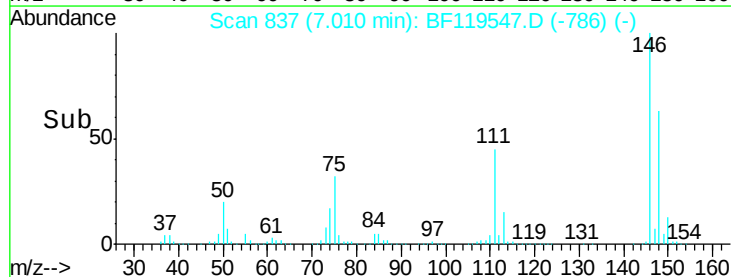
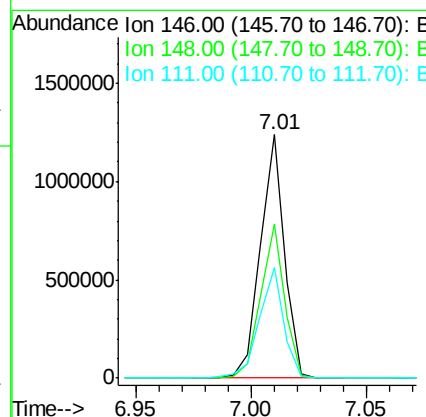
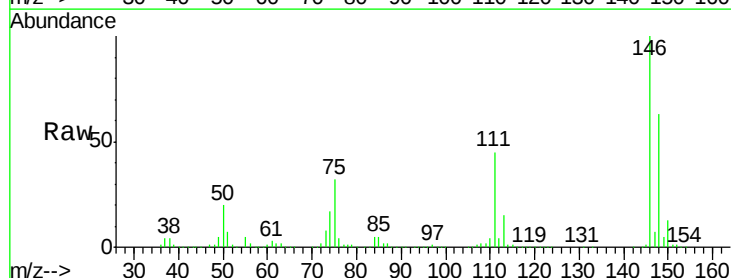
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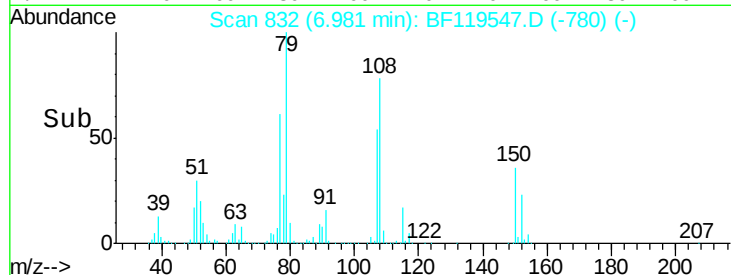
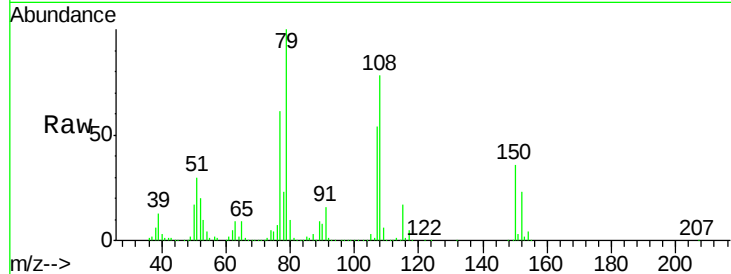
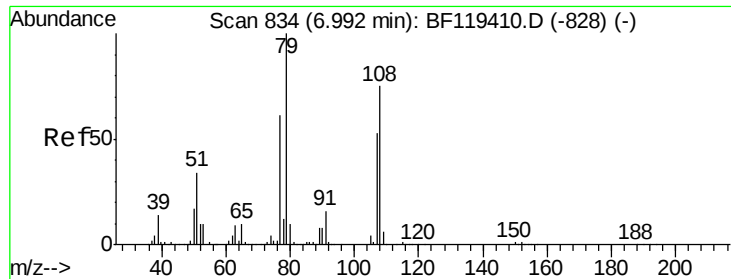
mohammad
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#14
1,2-Dichlorobenzene
Concen: 48.033 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.7	77.5
111	45.2	36.4	54.6





#15

Benzyl Alcohol

Concen: 50.413 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.01 min

Lab File: BF119547.D

Acq: 26 Mar 2020 23:20

Tot Ion:	79	Resp:	854911
Ion Ratio	Lower	Upper	
79	100		
108	77.6	60.4	90.6
77	61.5	49.0	73.4

Instrument :

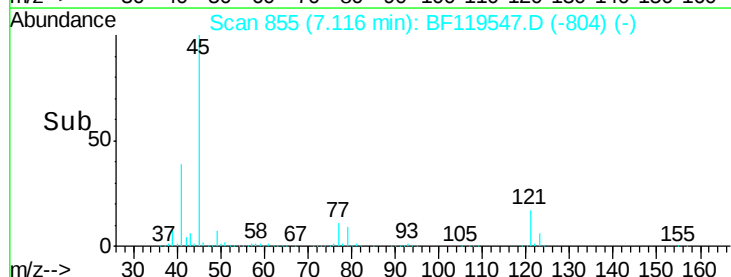
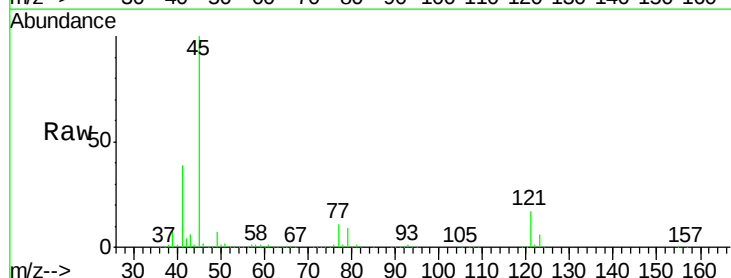
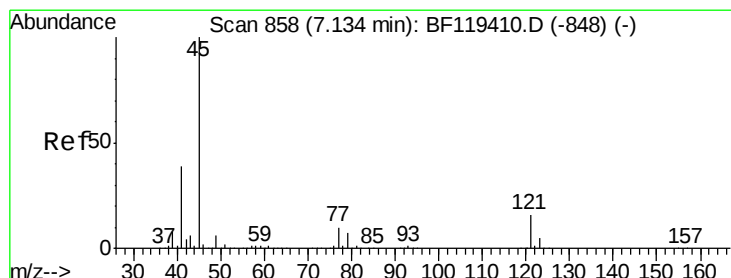
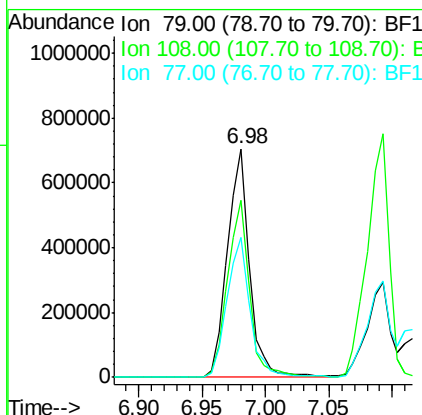
BNA_F

ClientSampleId :

CL-02-032520MSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.228 ng

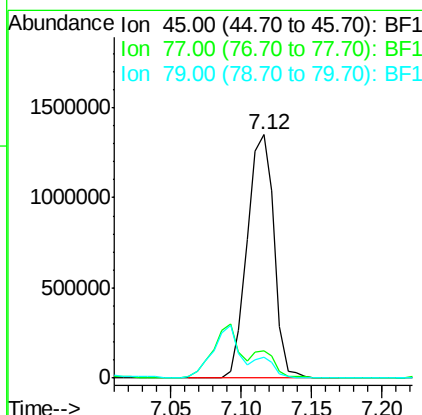
RT: 7.12 min Scan# 855

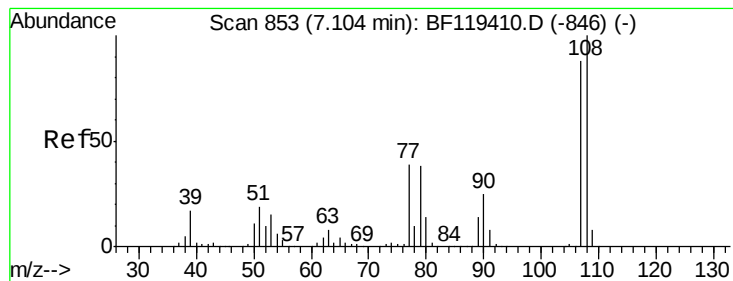
Delta R.T. -0.00 min

Lab File: BF119547.D

Acq: 26 Mar 2020 23:20

Tgt Ion:	45	Resp:	1793926
Ion Ratio	Lower	Upper	
45	100		
77	11.0	0.0	30.1
79	8.8	0.0	27.4





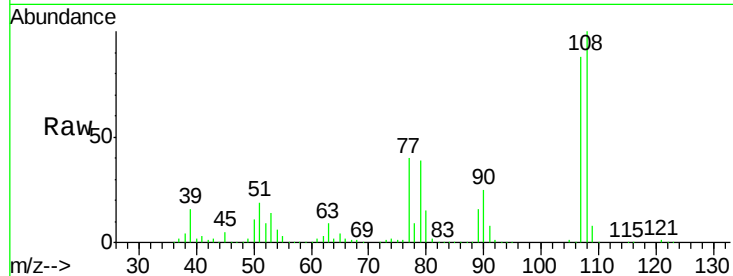
#17
2-Methylphenol
Concen: 45.591 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

Tot Ion:	107	Resp:	774263
Ion Ratio	Lower	Upper	
107	100		
108	113.7	90.7	136.1
77	45.2	35.6	53.4
79	44.2	34.7	52.1

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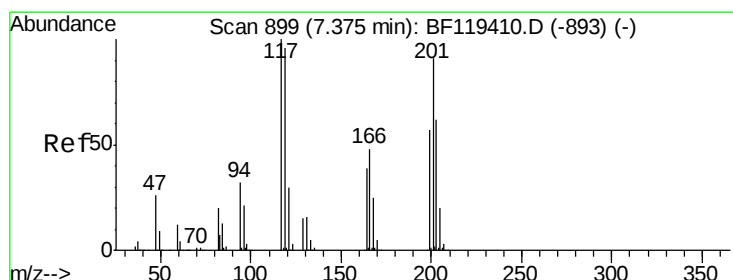
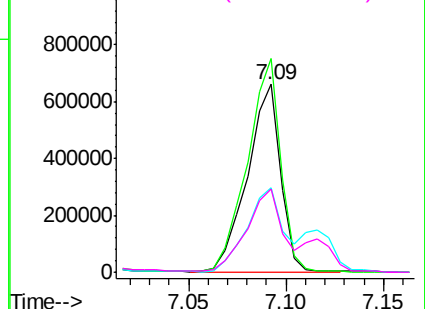
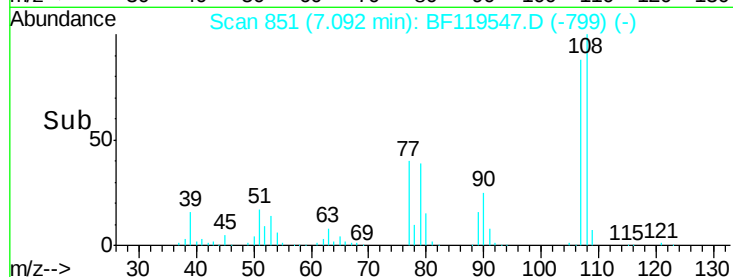
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

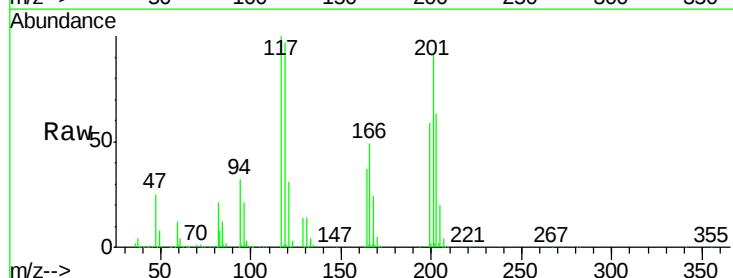
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 49.044 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tgt Ion:	117	Resp:	360649
Ion Ratio	Lower	Upper	
117	100		
119	96.6	76.8	115.2
201	91.3	72.5	108.7

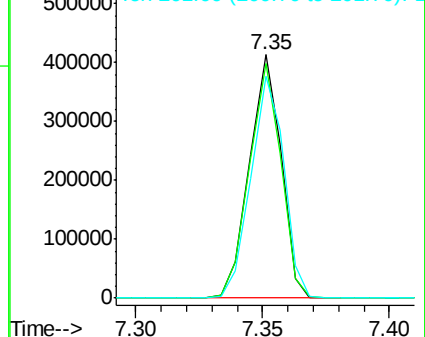
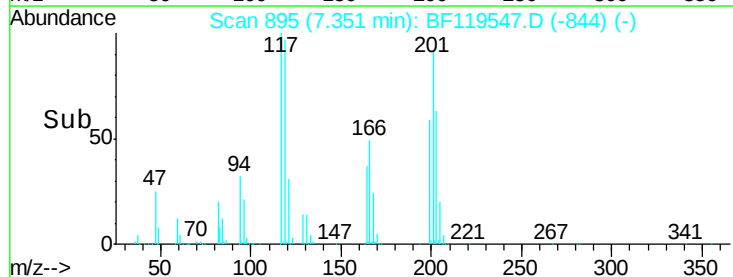


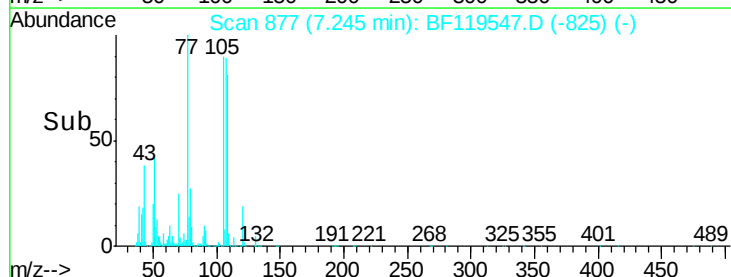
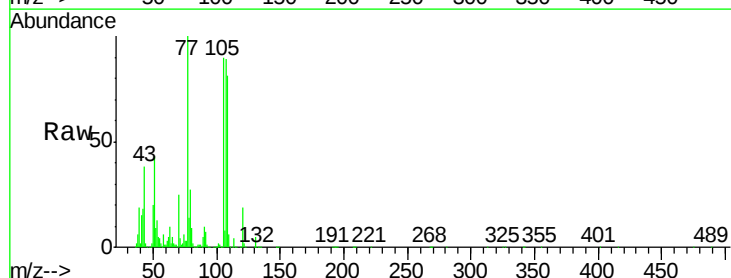
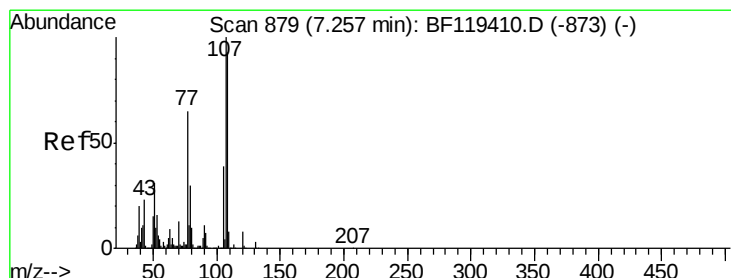
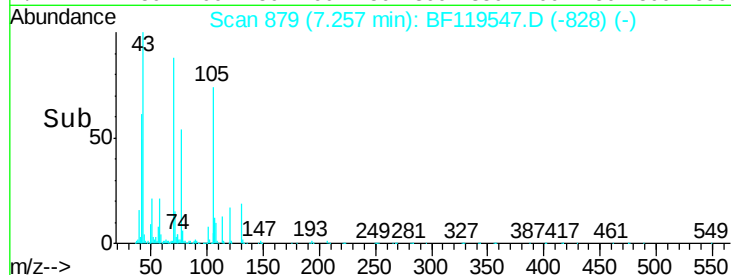
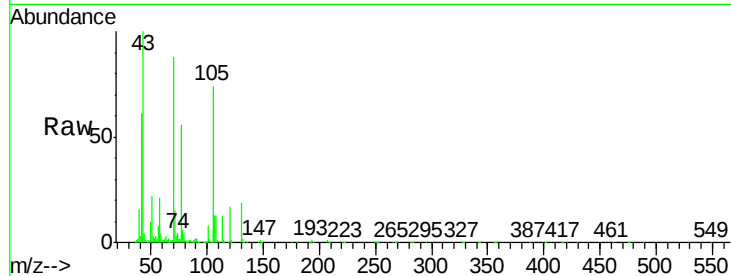
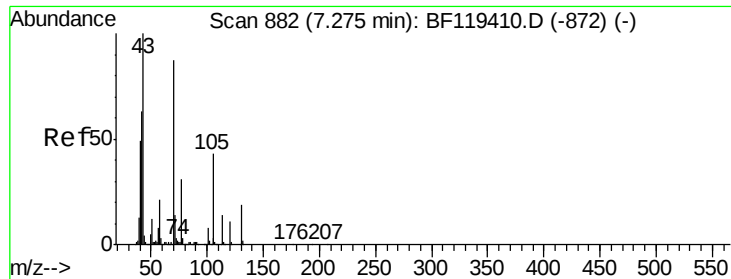
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

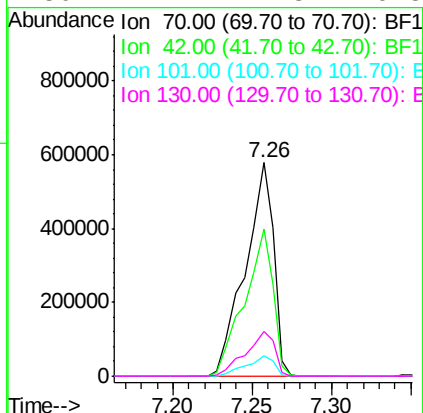
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 52.756 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.0	58.2	87.4	
101	9.6	7.4	11.2	
130	21.1	17.8	26.8	



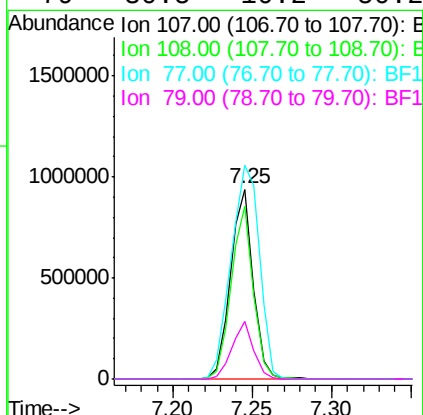
Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

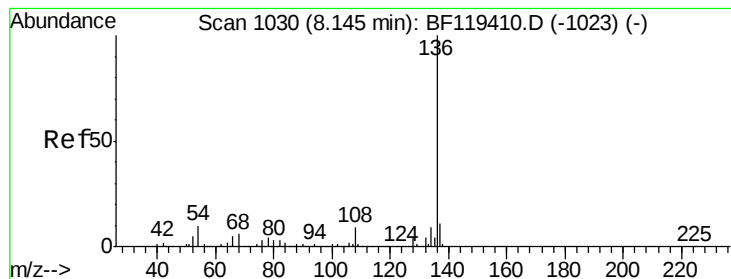
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#20
3+4-Methylphenols
Concen: 44.344 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.9	72.6	112.6	
77	112.7	44.7	84.7	
79	30.5	10.2	50.2	





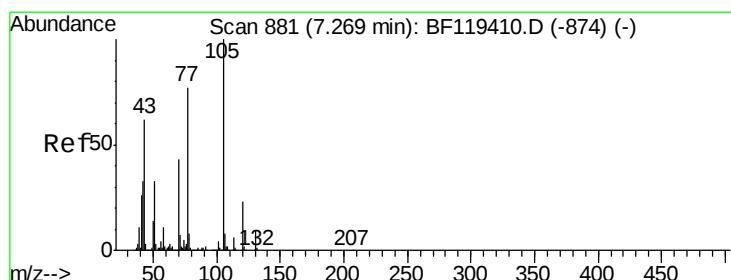
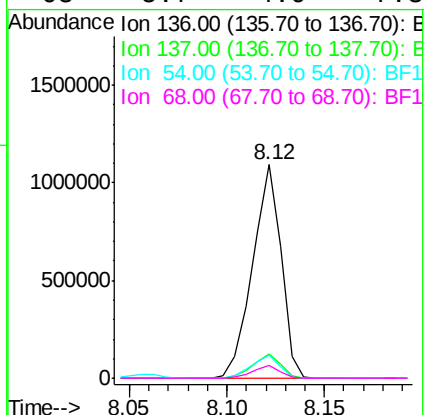
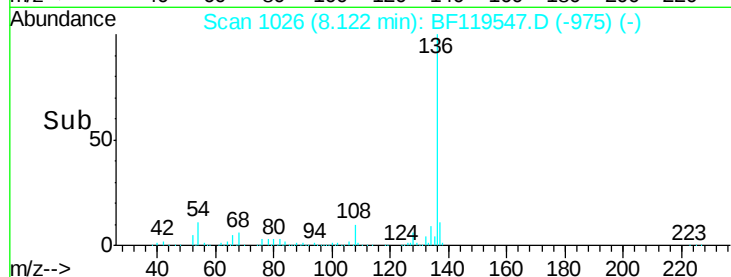
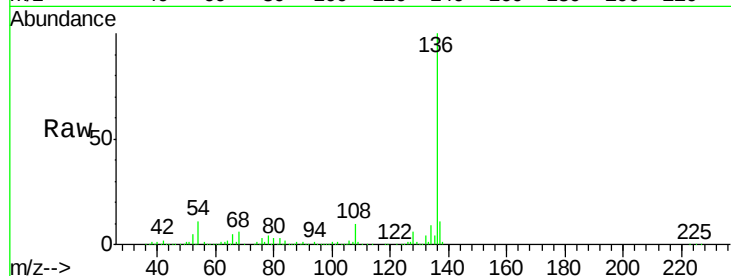
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

Tot Ion	136	Resp	1107691
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	10.5	8.3	12.5
68	5.7	4.9	7.3

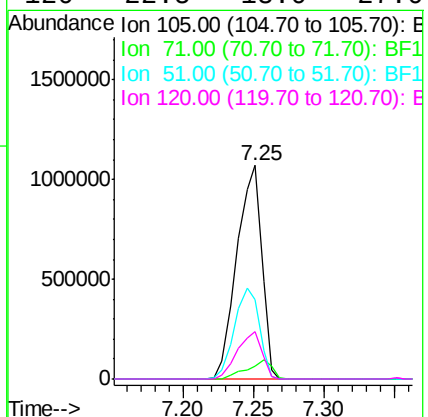
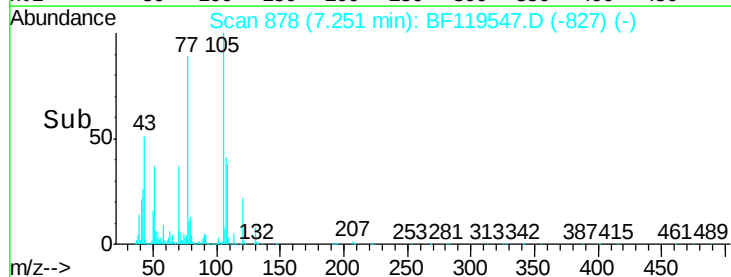
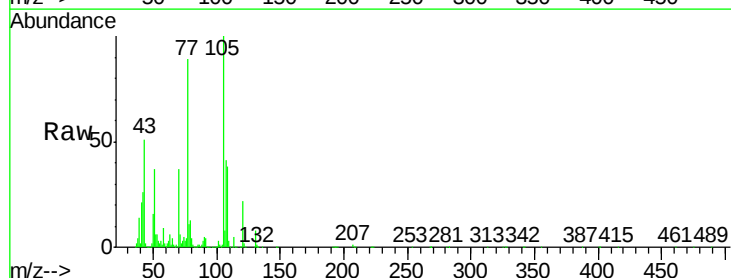
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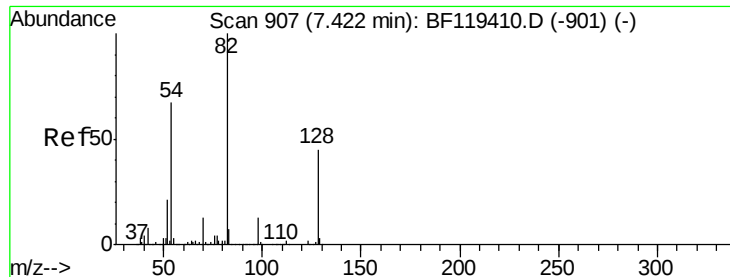
mohammad
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#22
Acetophenone
Concen: 49.755 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tgt Ion	105	Resp	1316911
Ion	Ratio	Lower	Upper
105	100		
71	6.3	5.8	8.6
51	37.2	26.8	40.2
120	22.5	18.0	27.0





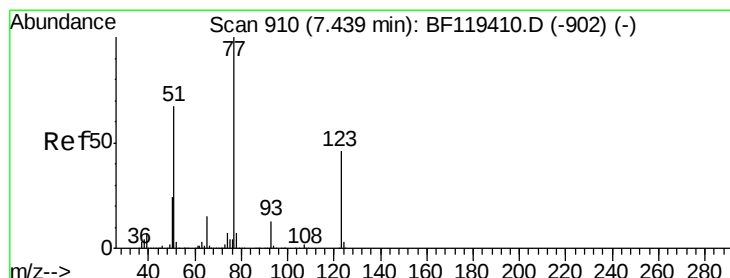
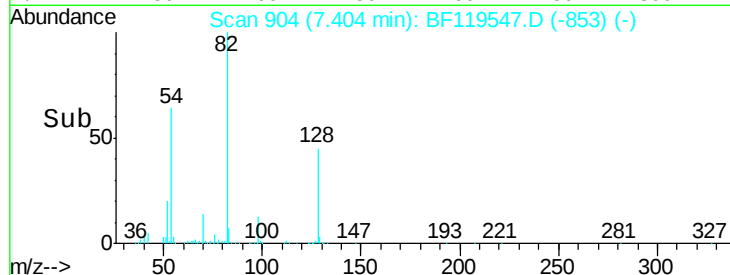
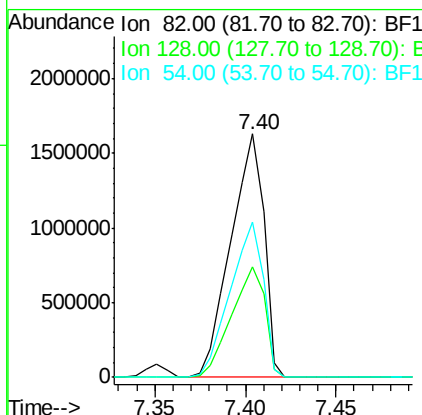
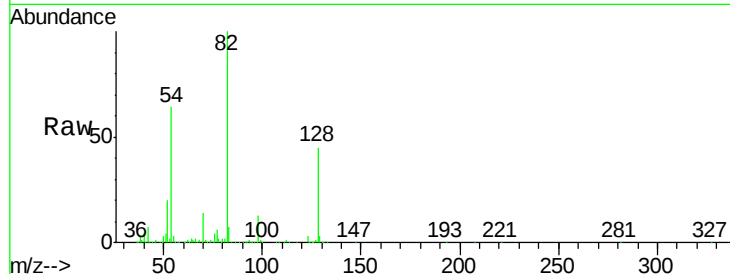
#23
 Nitrobenzene-d5
 Concen: 101.786 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF119547.D
 Acq: 26 Mar 2020 23:20

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032520MSD

Tot Ion	82	Resp	2074558
Ion Ratio	100	Lower	Upper
82	100		
128	45.5	35.8	53.8
54	63.7	53.4	80.0

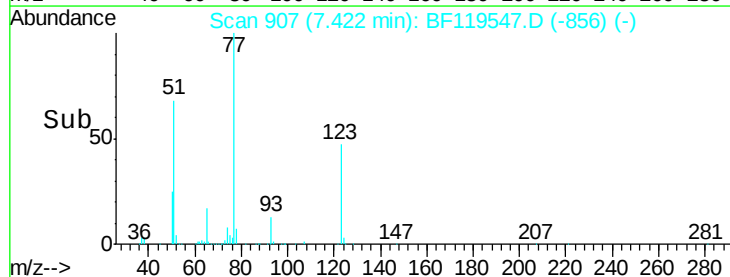
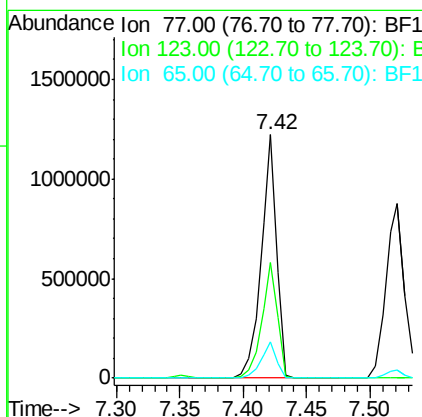
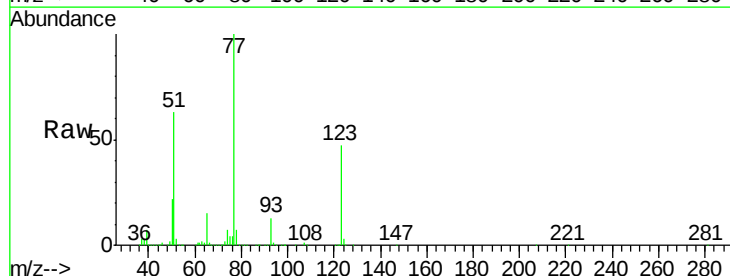
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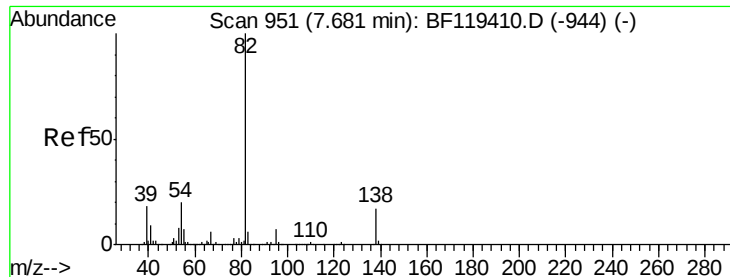
mohammad
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#24
 Nitrobenzene
 Concen: 48.352 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF119547.D
 Acq: 26 Mar 2020 23:20

Tgt Ion	77	Resp	1053176
Ion Ratio	100	Lower	Upper
77	100		
123	47.2	36.9	55.3
65	15.1	12.2	18.4





#25

Isophorone

Concen: 48.134 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF119547.D

Acq: 26 Mar 2020 23:20

Instrument :

BNA_F

ClientSampleId :

CL-02-032520MSD

Tot Ion: 82 Resp: 1990093

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

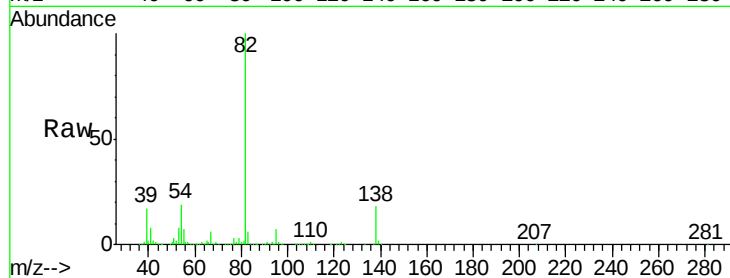
138 18.5 13.8 20.8

Manual Integrations

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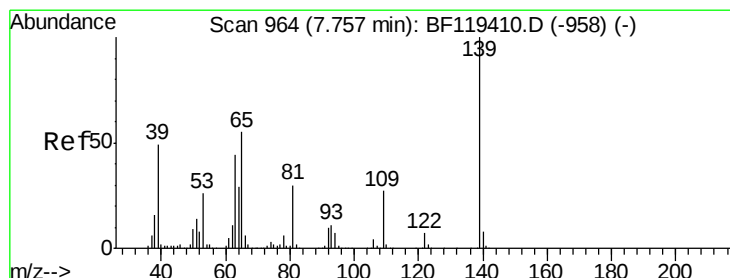
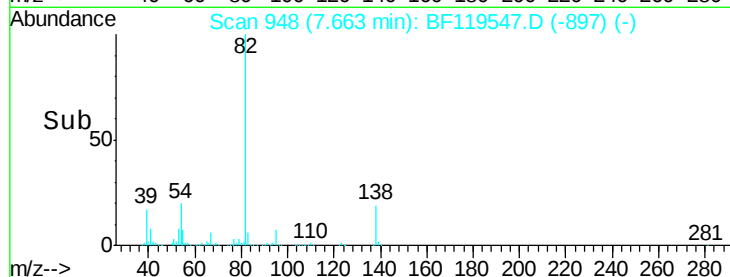
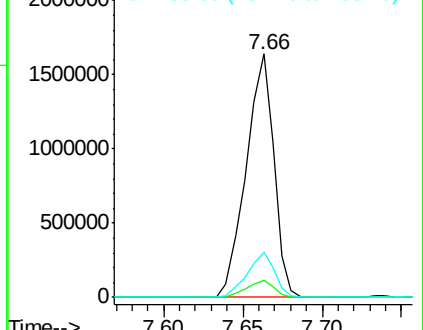
3/30/2020 8:50:51 AM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 61.971 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF119547.D

Acq: 26 Mar 2020 23:20

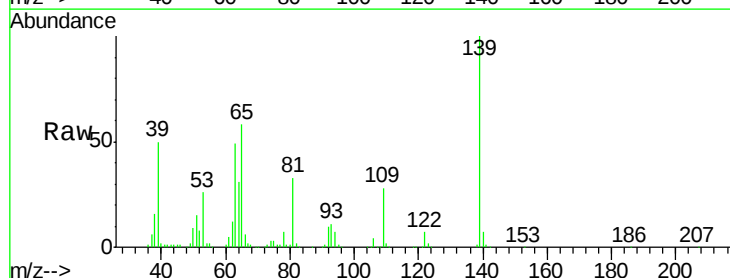
Tgt Ion: 139 Resp: 531477

Ion Ratio Lower Upper

139 100

109 27.5 21.7 32.5

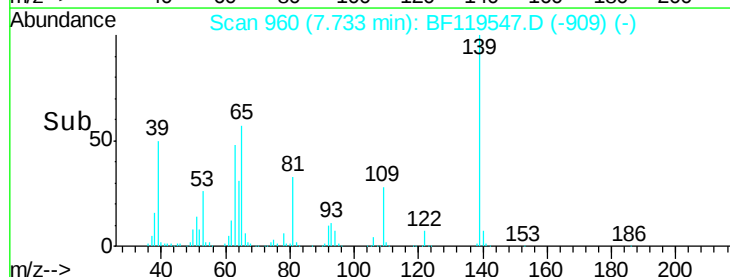
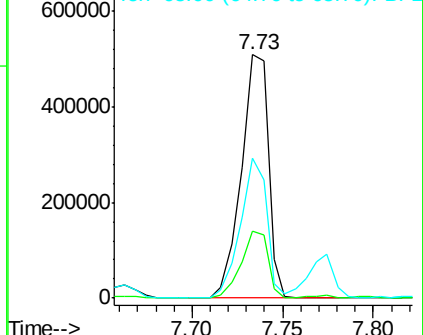
65 57.7 43.9 65.9

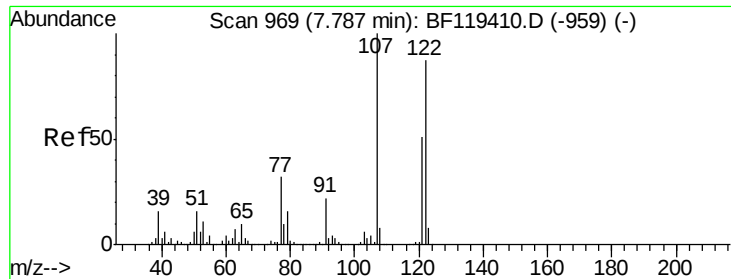


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 47.876 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF119547.D

Acq: 26 Mar 2020 23:20

Instrument :

BNA_F

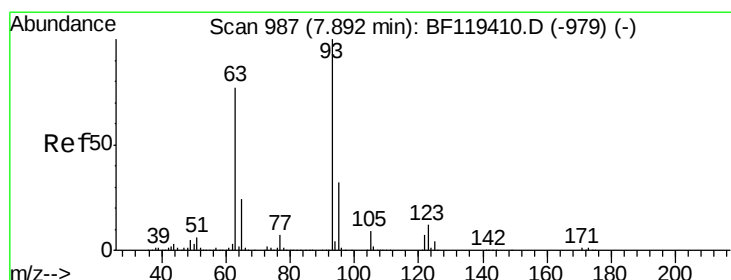
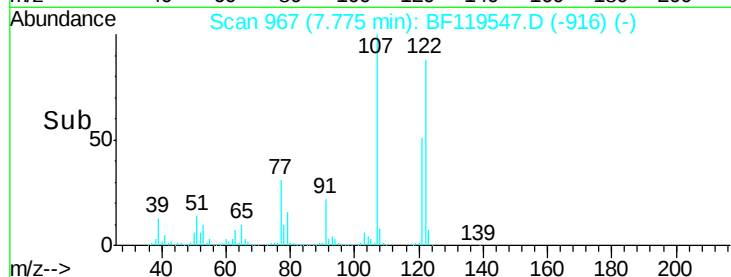
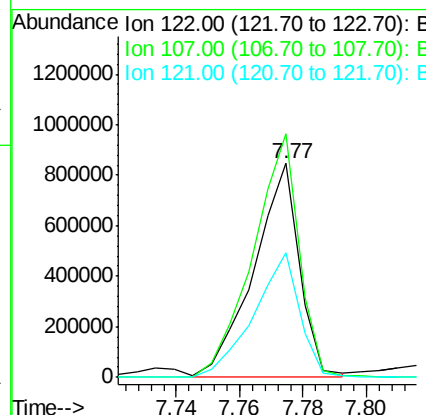
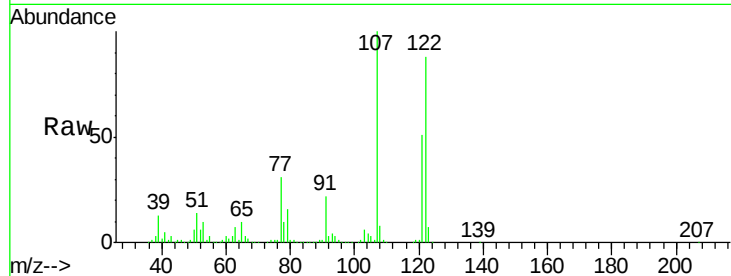
ClientSampleId :

CL-02-032520MSD

Tot Ion:	122	Resp:	849010
Ion	Ratio	Lower	Upper
122	100		
107	113.9	91.8	137.6
121	58.3	46.5	69.7

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 51.584 ng

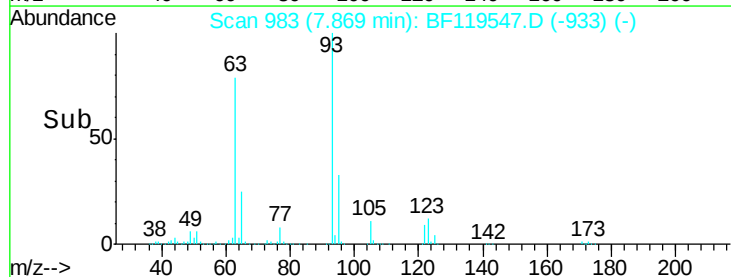
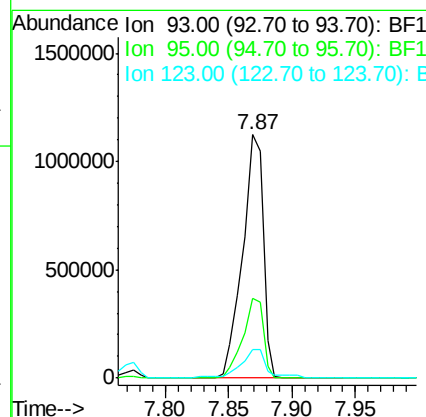
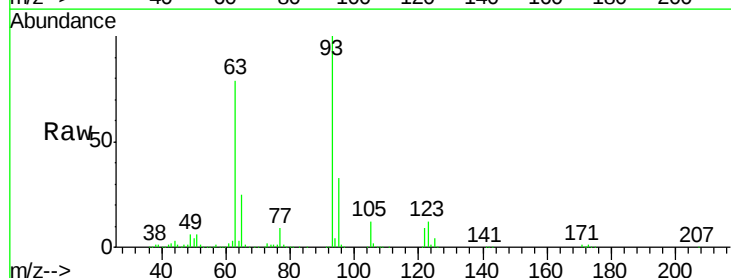
RT: 7.87 min Scan# 983

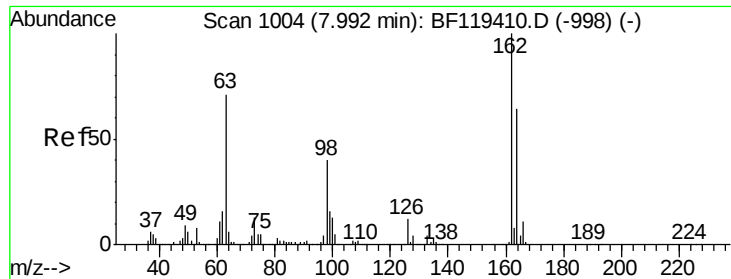
Delta R.T. -0.01 min

Lab File: BF119547.D

Acq: 26 Mar 2020 23:20

Tgt Ion:	93	Resp:	1261137
Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.0	39.0
123	11.7	9.7	14.5





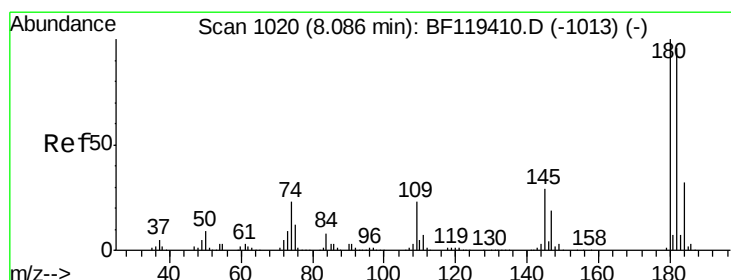
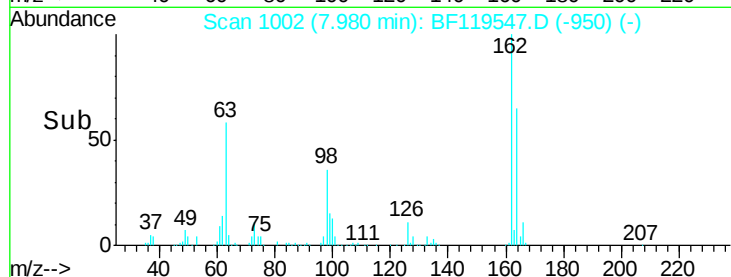
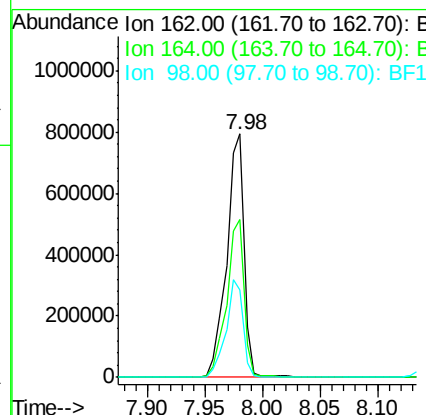
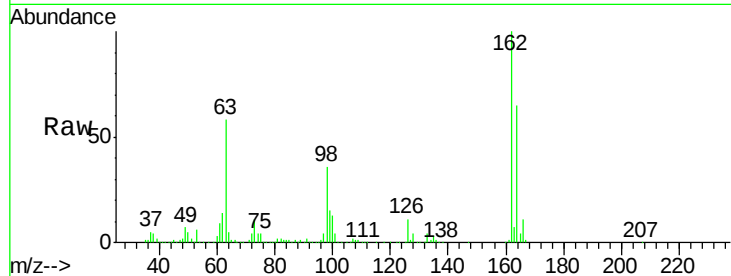
#29
2,4-Dichlorophenol
Concen: 51.235 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	834833		
164	65.1	43.6	83.6	
98	35.8	20.4	60.4	

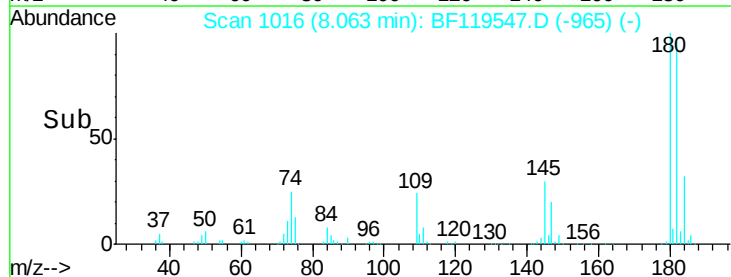
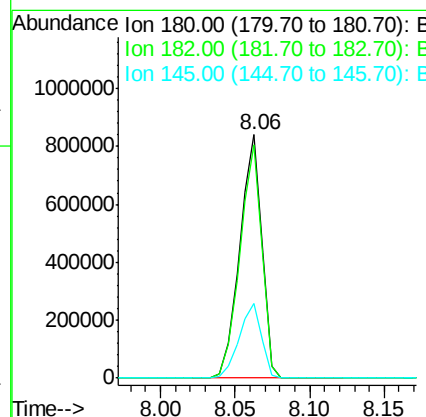
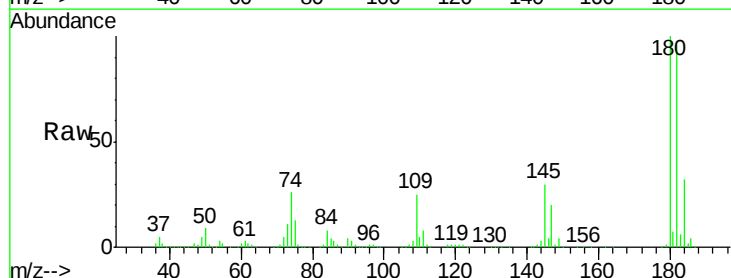
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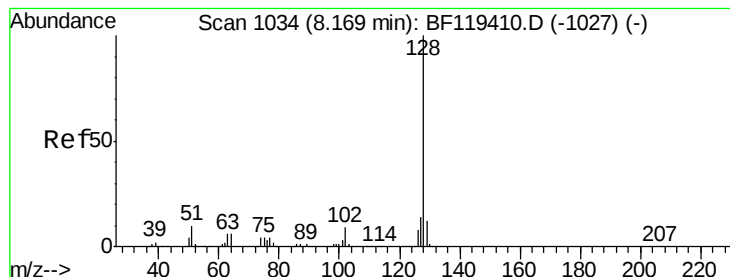
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 48.054 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	865928		
182	95.7	76.6	115.0	
145	30.5	23.2	34.8	





#31

Naphthalene

Concen: 48.579 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF119547.D

Acq: 26 Mar 2020 23:20

Instrument :

BNA_F

ClientSampleId :

CL-02-032520MSD

Tot Ion:128 Resp: 2769174

Ion Ratio Lower Upper

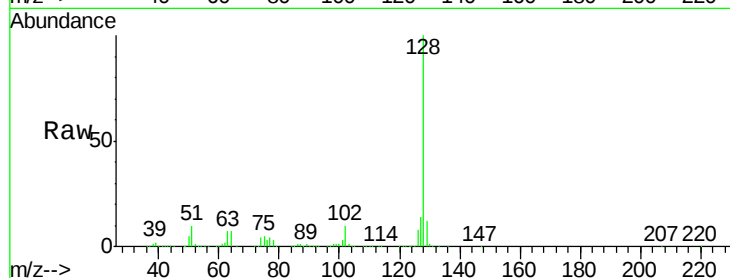
128 100

129 11.7 9.3 13.9

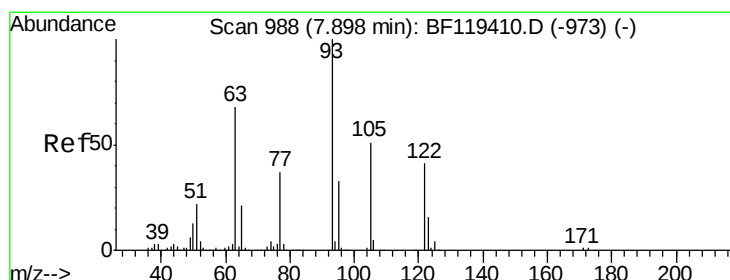
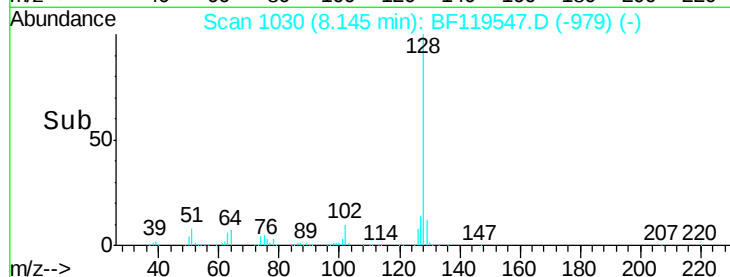
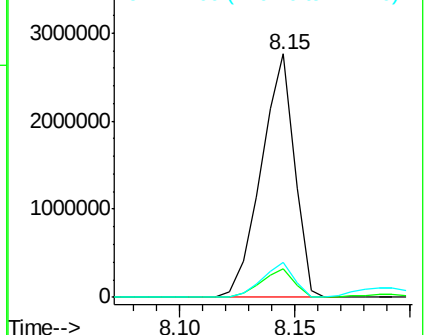
127 14.1 11.0 16.4

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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: 54.477 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF119547.D

Acq: 26 Mar 2020 23:20

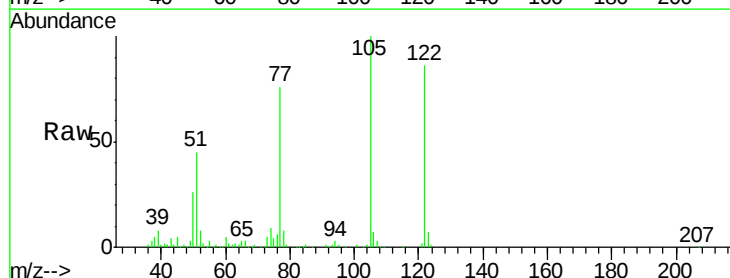
Tgt Ion:122 Resp: 621432

Ion Ratio Lower Upper

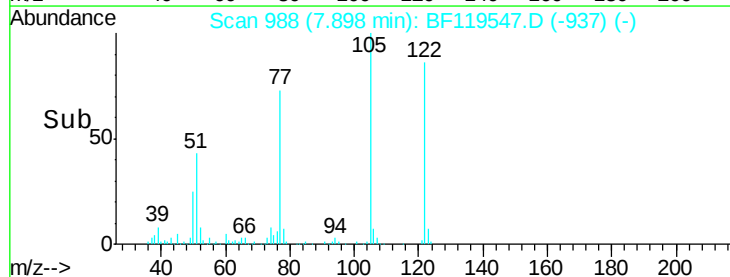
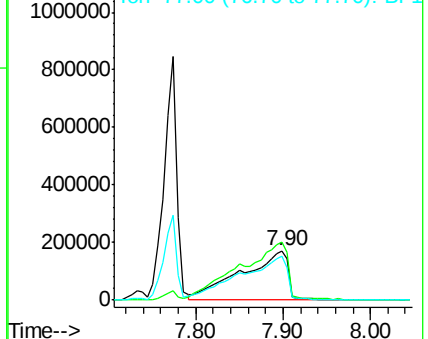
122 100

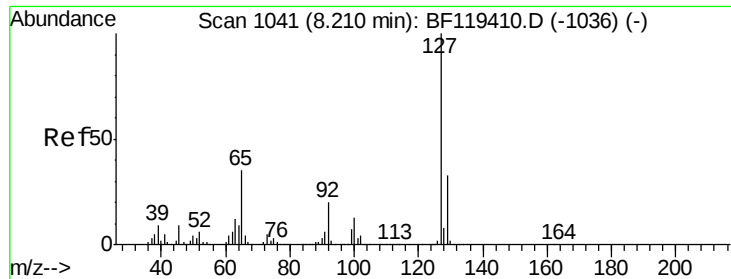
105 116.4 102.9 142.9

77 88.8 70.1 110.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





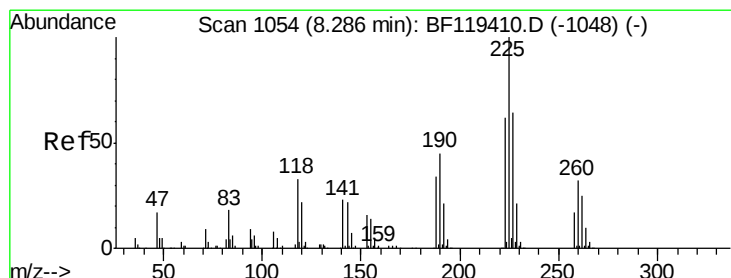
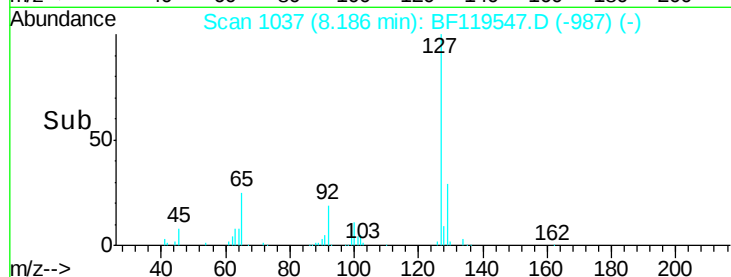
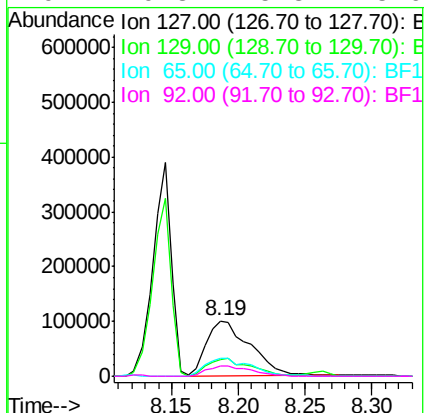
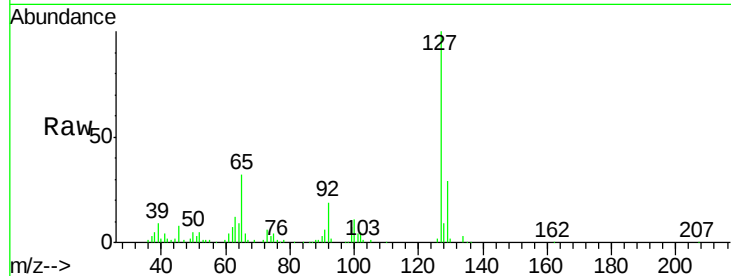
#33
4-Chloroaniline
Concen: 8.801 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		229882		
129	29.1	26.2	39.4		
65	32.2	27.7	41.5		
92	19.3	15.8	23.6		

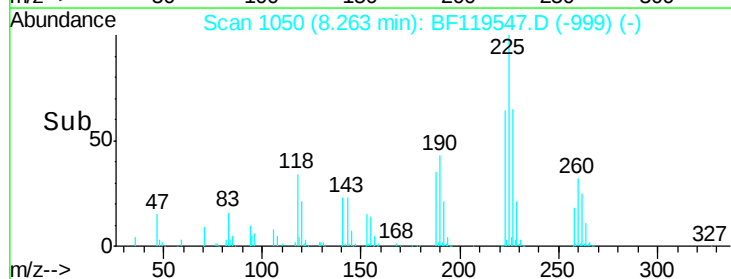
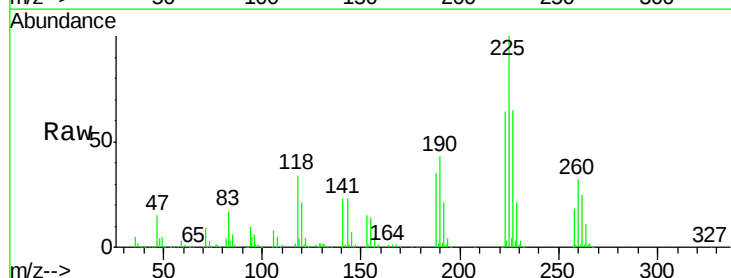
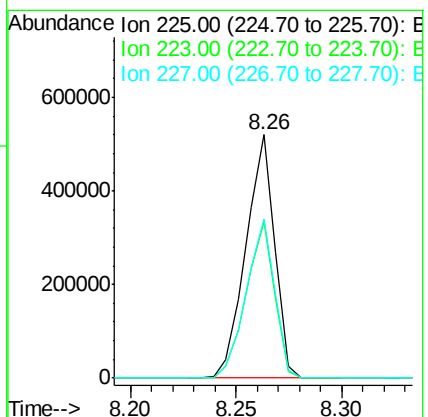
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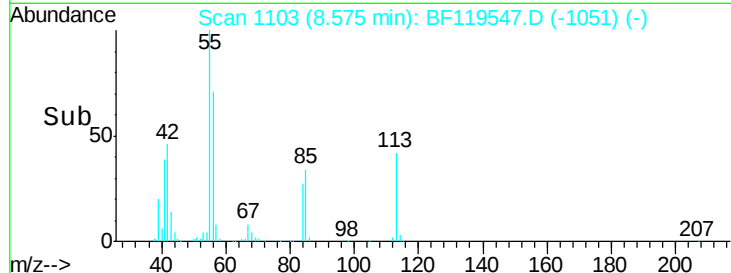
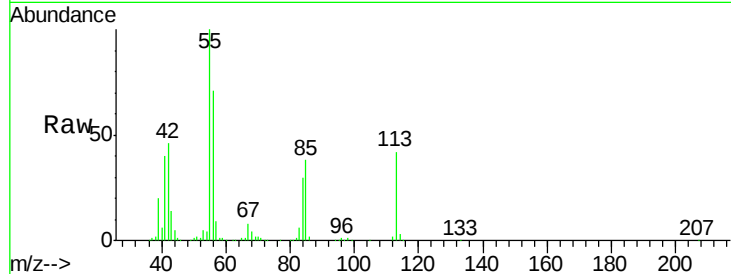
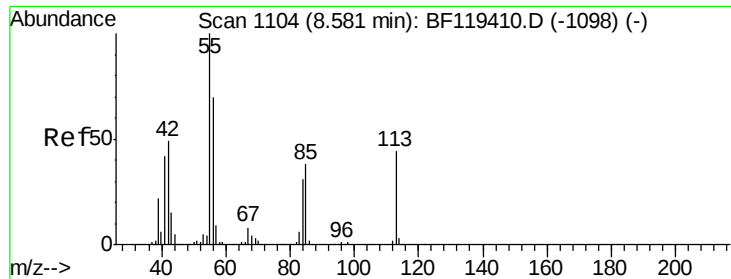
mohammad
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#34
Hexachlorobutadiene
Concen: 48.706 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		491059		
223	64.1	49.2	73.8		
227	65.5	51.1	76.7		





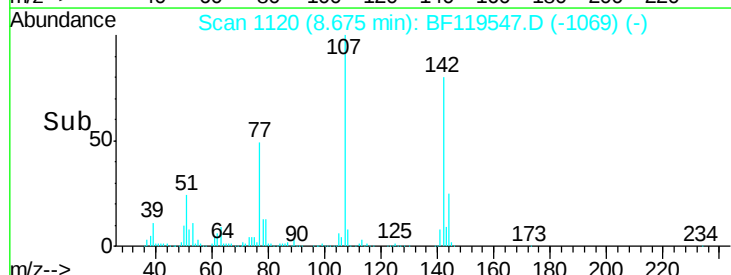
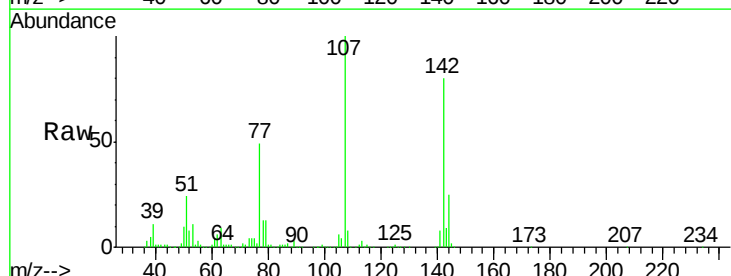
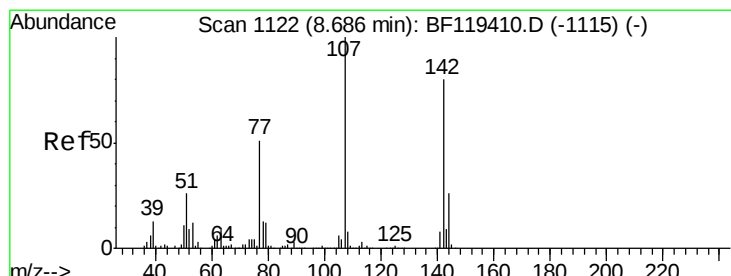
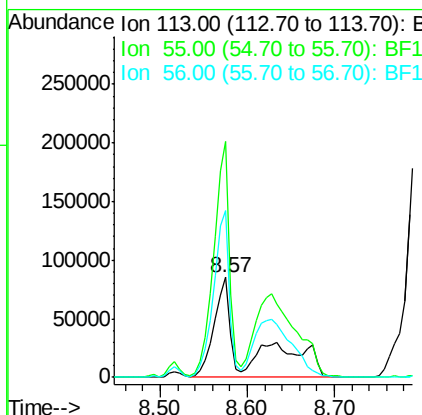
#35
Caprolactam
Concen: 41.175 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tot Ion	Ratio	Resp	Lower	Upper
113	100	219571		
55	236.5	208.4	248.4	
56	167.3	138.9	178.9	

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

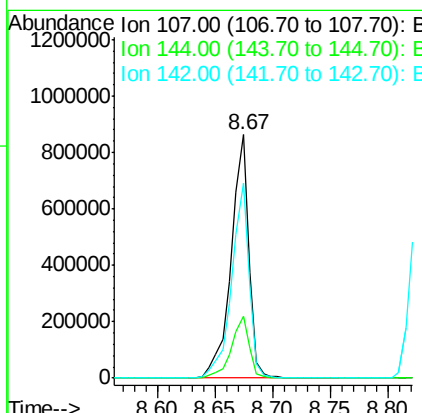
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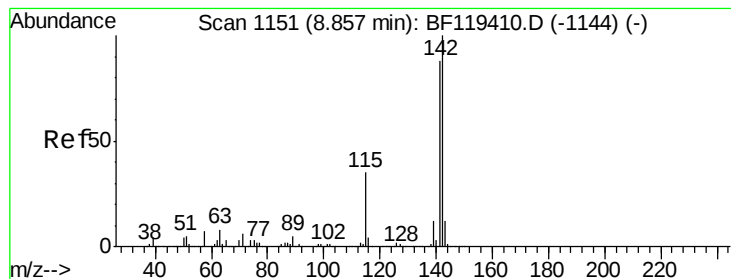
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#36
4-Chloro-3-methylphenol
Concen: 51.444 ng/ml
RT: 8.67 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	916166		
144	25.4	20.6	31.0	
142	80.2	63.8	95.6	





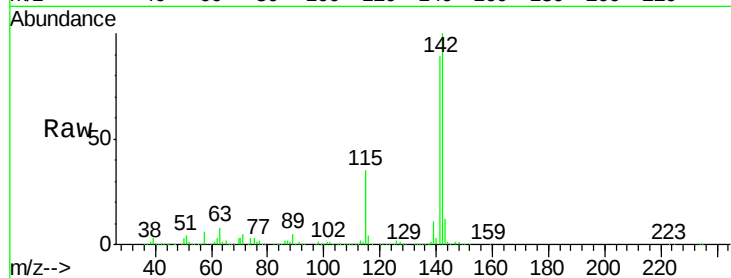
#37
2-Methylnaphthalene
Concen: 52.016 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

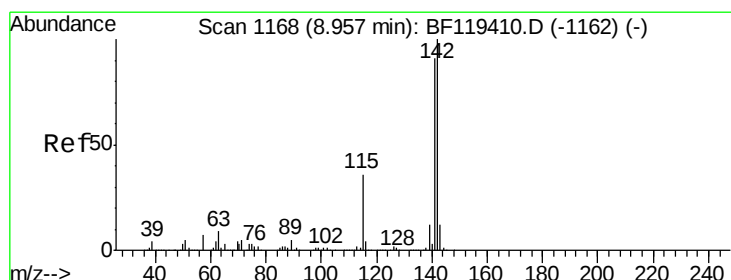
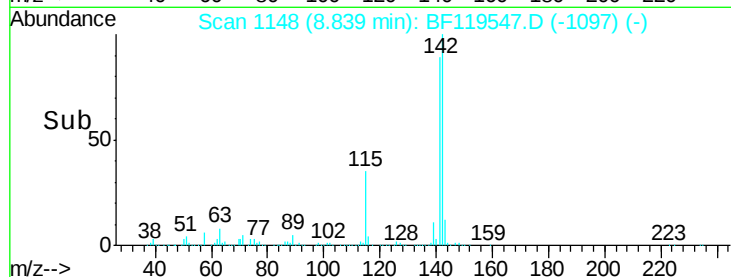
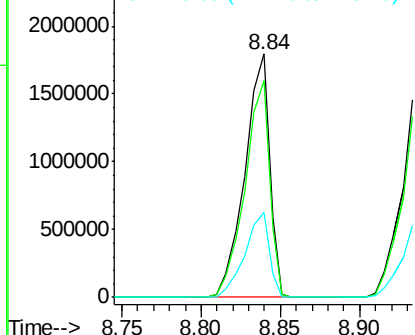
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.4	105.6
115	34.7	27.8	41.6

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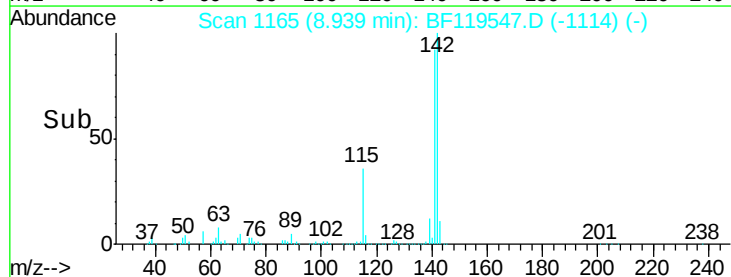
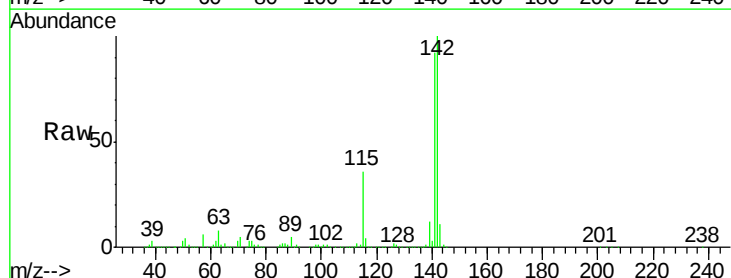
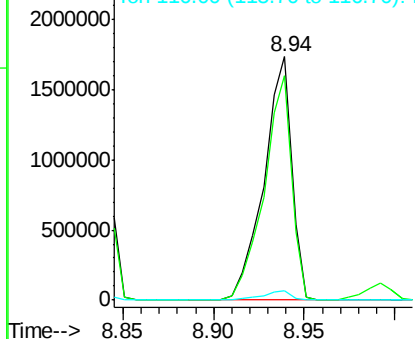
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

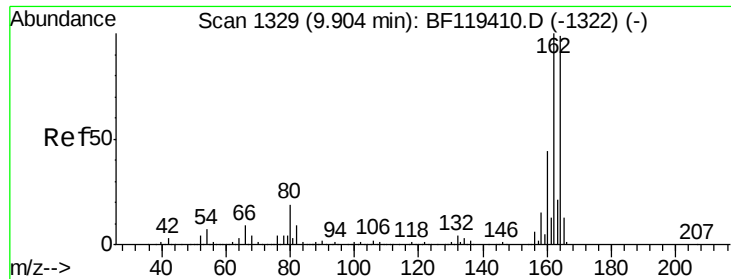


#38
1-Methylnaphthalene
Concen: 52.349 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.1	109.7
116	3.6	3.0	4.6

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





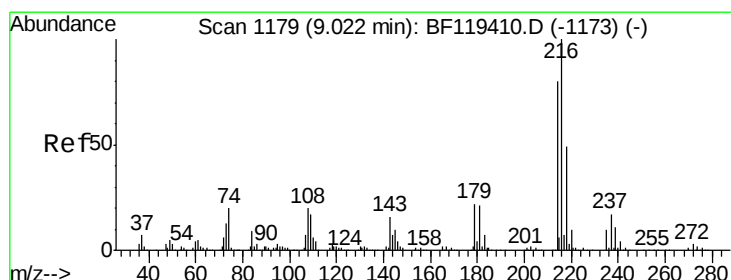
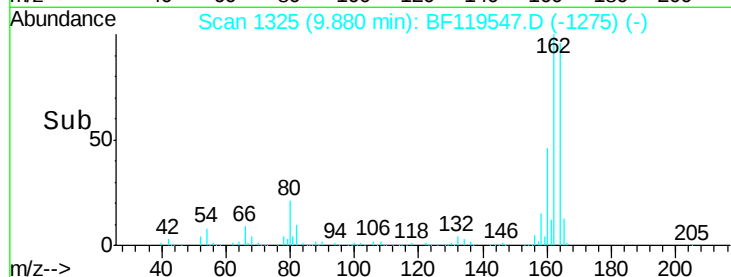
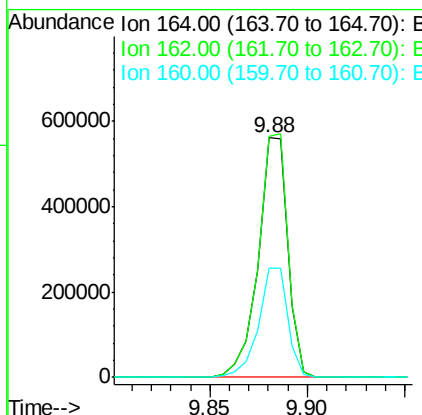
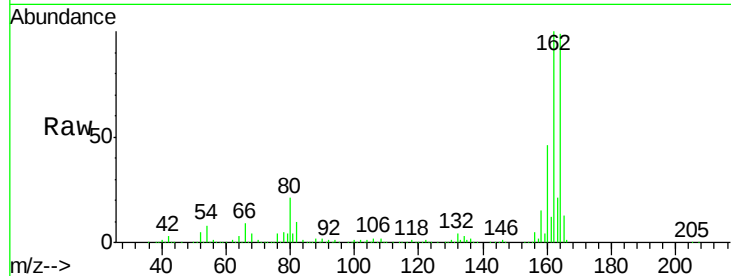
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF119547.D
 Acq: 26 Mar 2020 23:20

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032520MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	590803		
162	100.5	80.7	121.1	
160	45.8	35.5	53.3	

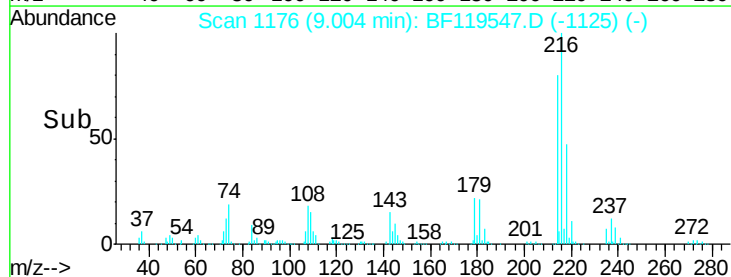
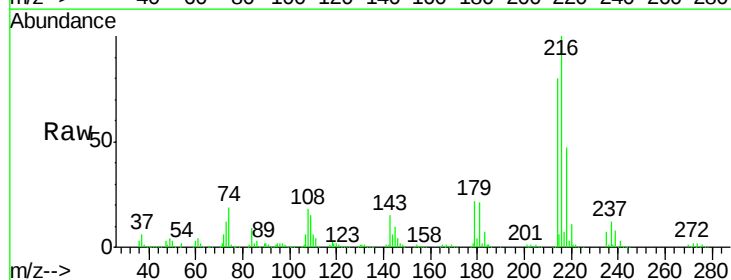
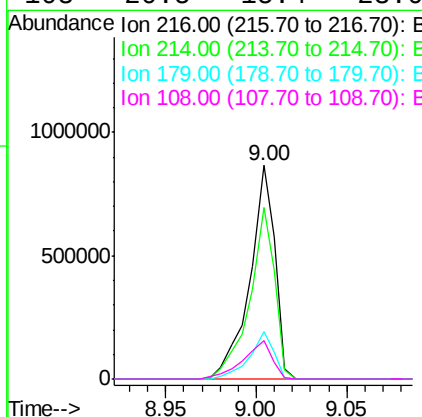
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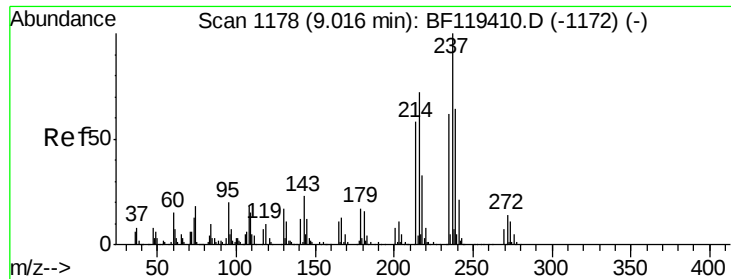
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.921 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF119547.D
 Acq: 26 Mar 2020 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	829836		
214	79.6	63.0	94.6	
179	21.3	17.0	25.4	
108	20.5	15.4	23.0	





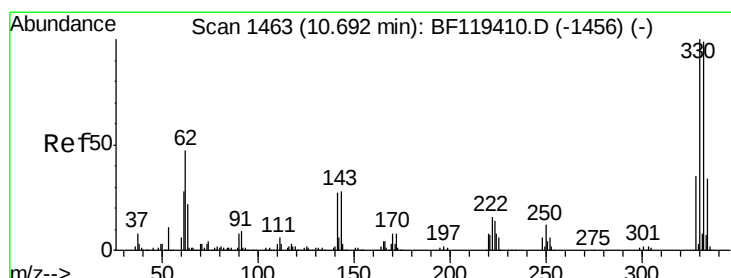
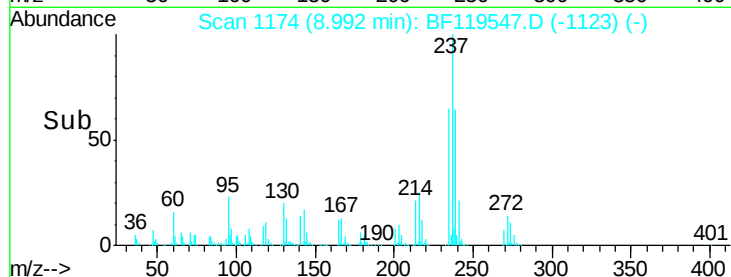
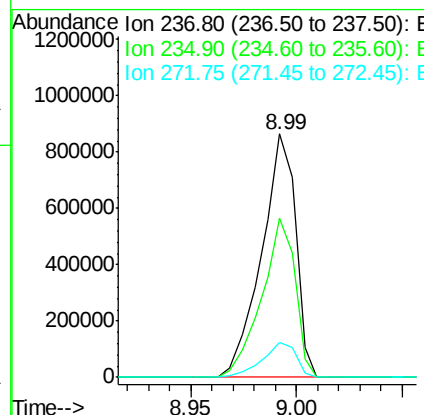
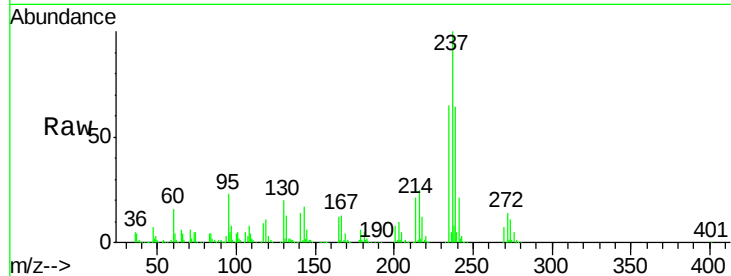
#41
Hexachlorocyclopentadiene
Concen: 98.515 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	65.1	42.5	82.5
272	14.4	0.0	34.3

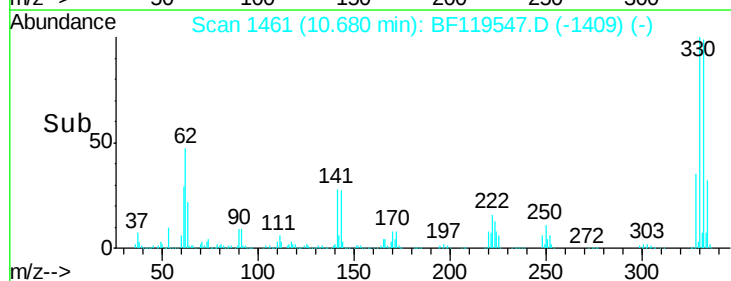
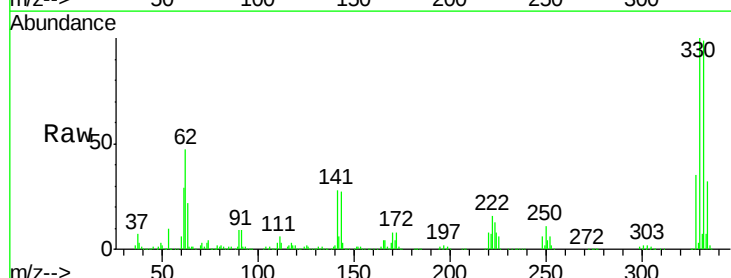
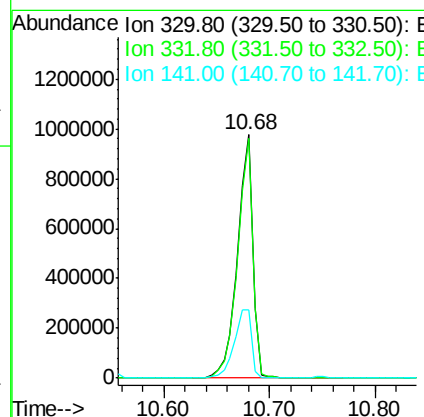
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#42
2,4,6-Tribromophenol
Concen: 161.092 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.5	77.6	116.4
141	31.8	26.6	40.0





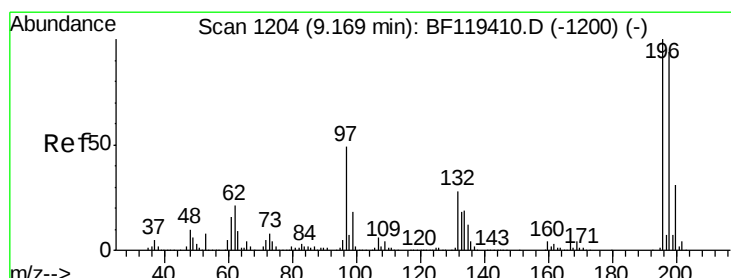
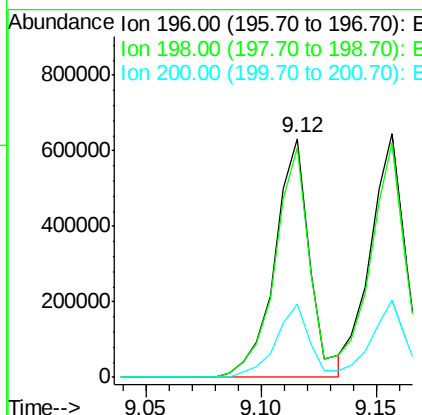
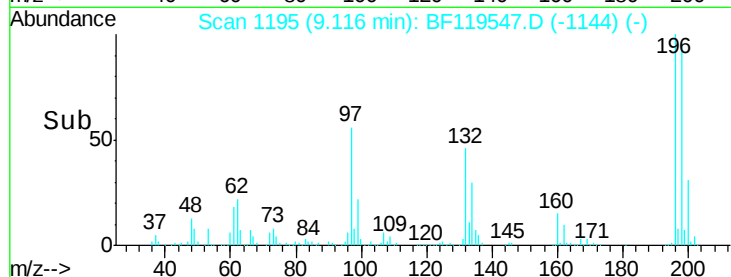
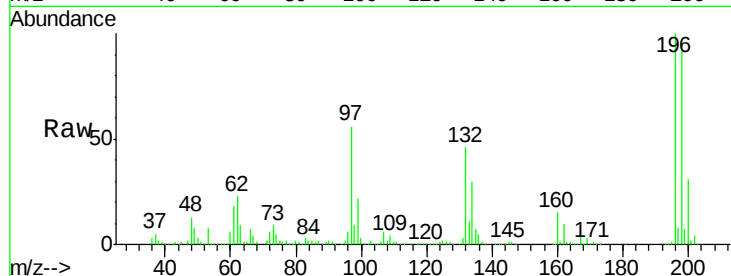
#43
 2,4,6-Trichlorophenol
 Concen: 53.312 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF119547.D
 Acq: 26 Mar 2020 23:20

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032520MSD

Tot Ion:	196	Resp:	660668
Ion Ratio	Lower	Upper	
196	100		
198	96.0	77.0	115.4
200	30.5	25.1	37.7

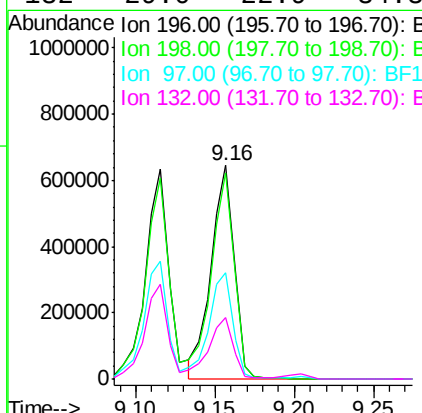
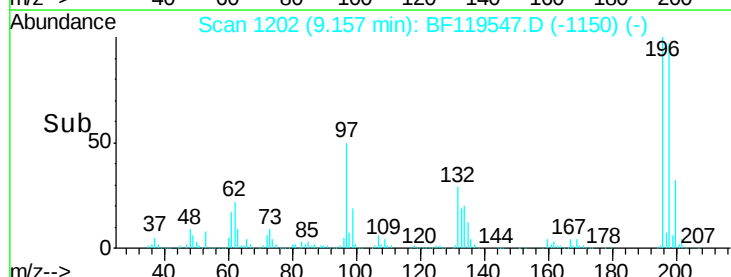
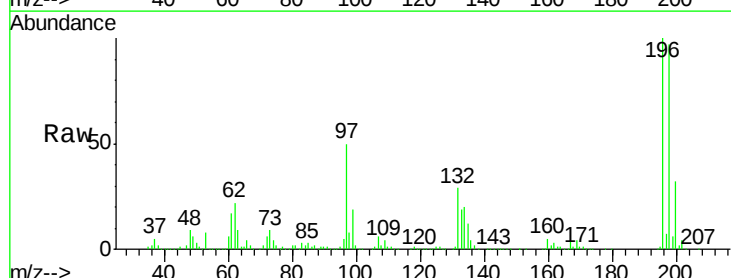
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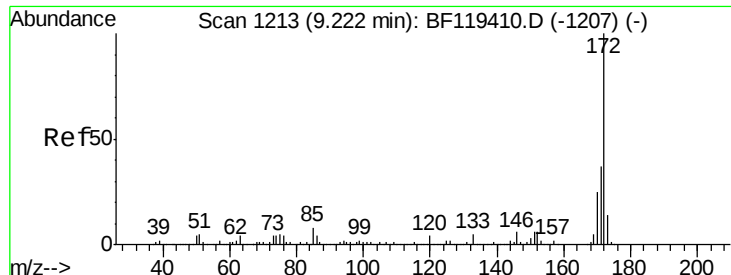
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 47.378 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF119547.D
 Acq: 26 Mar 2020 23:20

Tgt Ion:	196	Resp:	657715
Ion Ratio	Lower	Upper	
196	100		
198	96.5	75.3	112.9
97	49.7	39.0	58.4
132	29.0	22.9	34.3





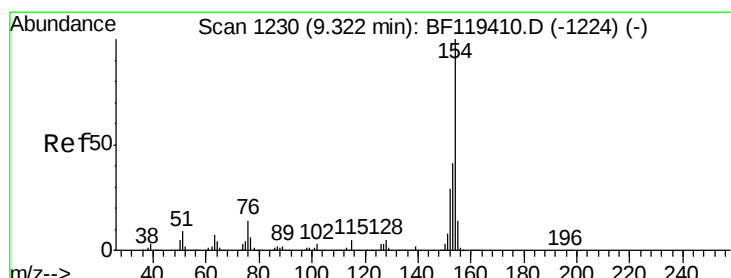
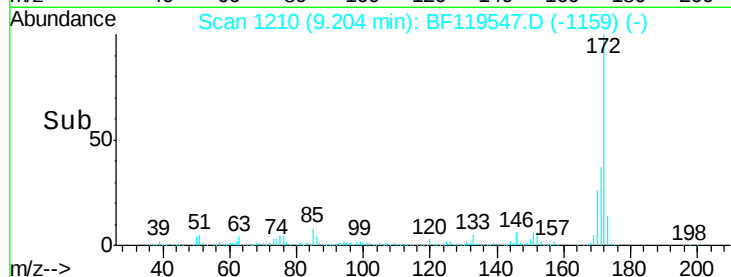
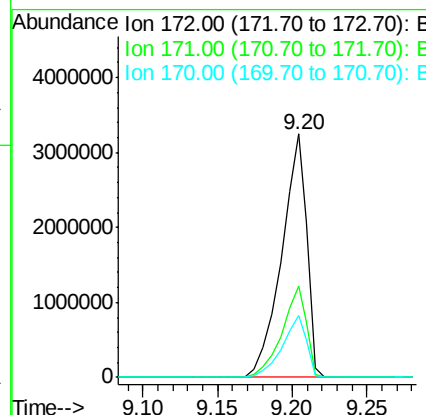
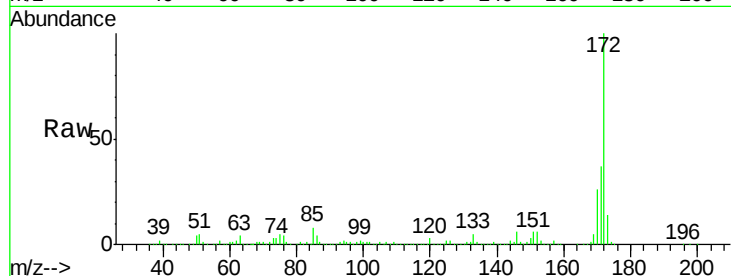
#45
2-Fluorobiphenyl
Concen: 95.745 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.9	44.9
170	25.5	20.1	30.1

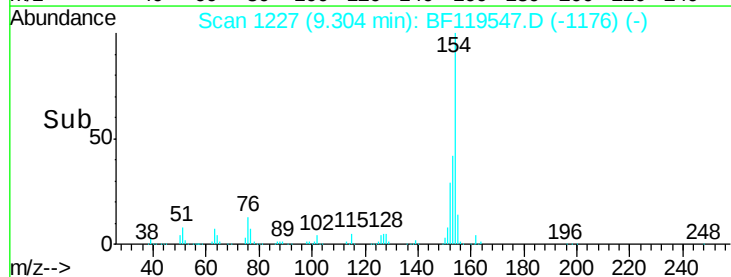
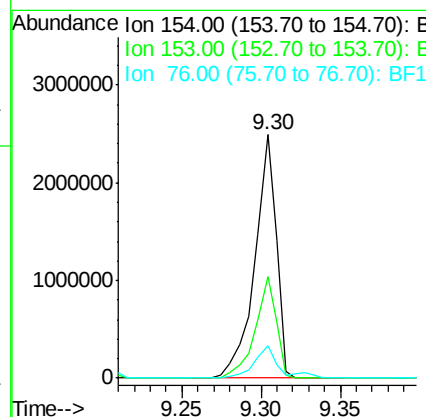
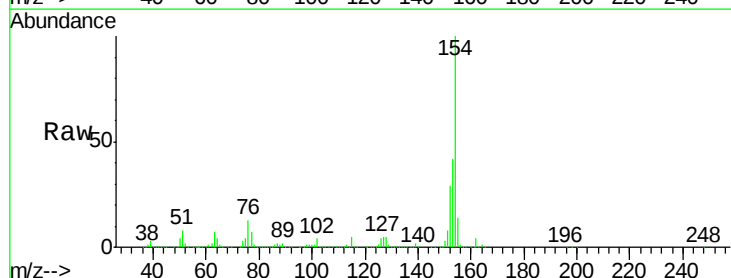
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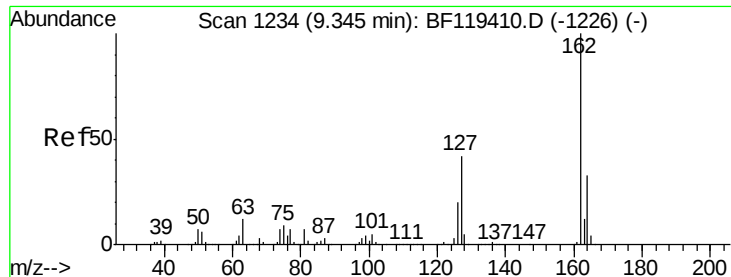
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#46
1,1'-Biphenyl
Concen: 48.387 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.4	61.4
76	13.4	0.0	33.6





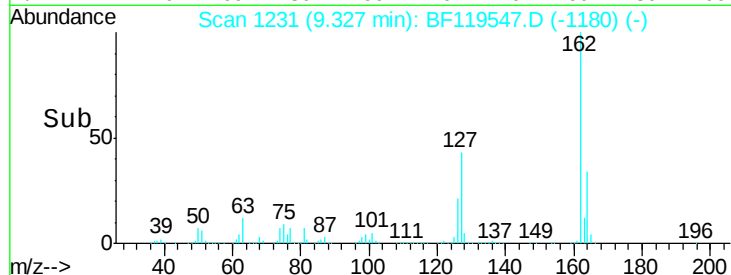
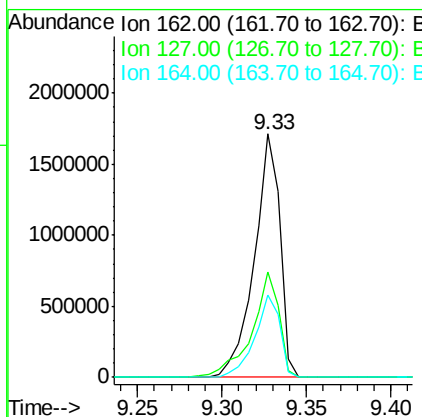
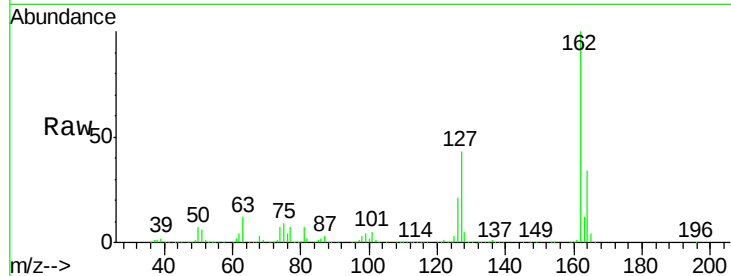
#47
2-Chloronaphthalene
Concen: 48.085 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

Tot Ion: 162 Resp: 1812400
Ion Ratio Lower Upper
162 100
127 43.4 33.7 50.5
164 34.0 26.2 39.4

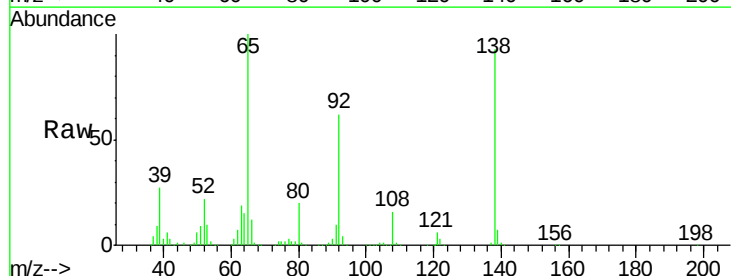
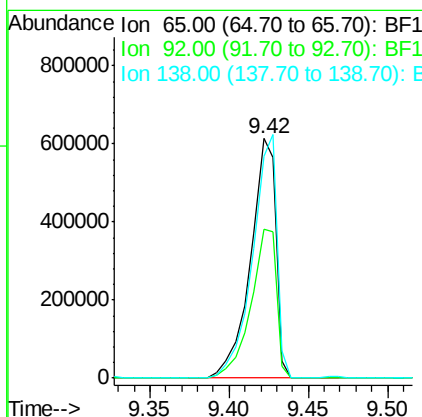
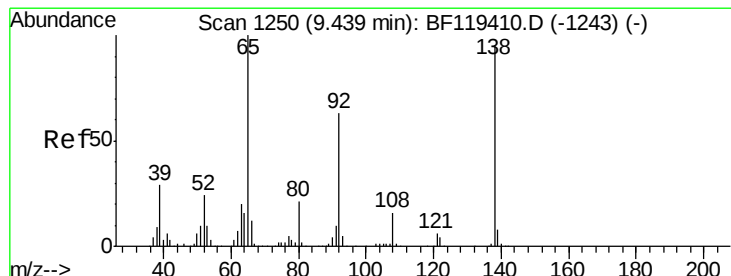
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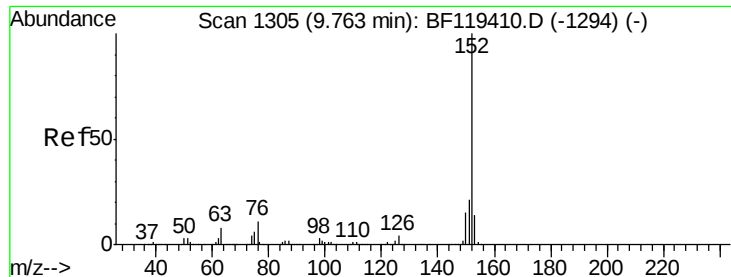
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#48
2-Nitroaniline
Concen: 52.593 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tgt Ion: 65 Resp: 684213
Ion Ratio Lower Upper
65 100
92 62.2 50.5 75.7
138 92.6 75.8 113.8





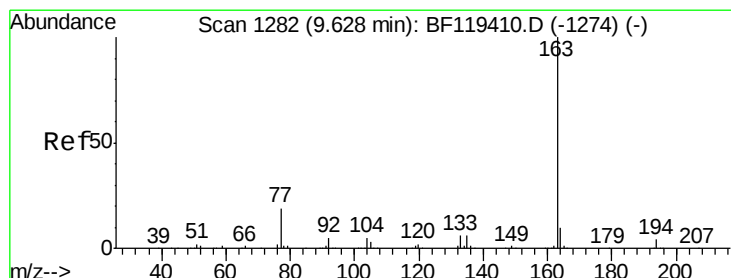
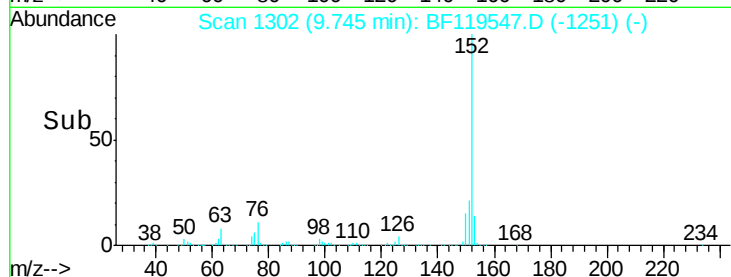
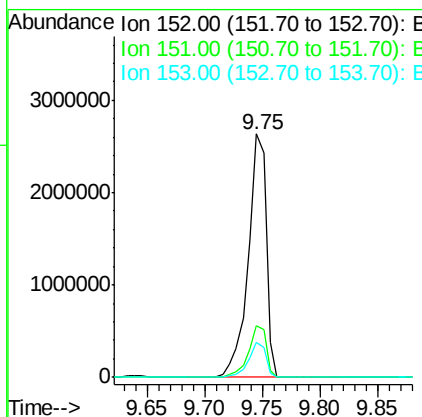
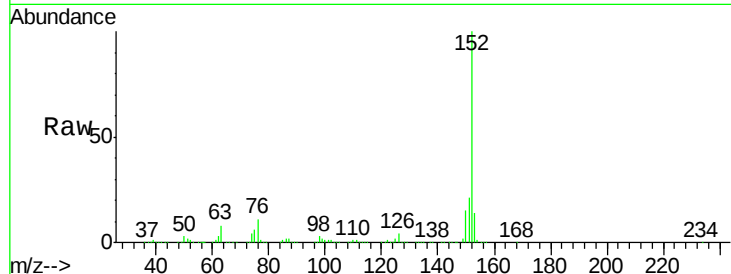
#49
Acenaphthylene
Concen: 48.195 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.8	25.2
153	14.2	11.2	16.8

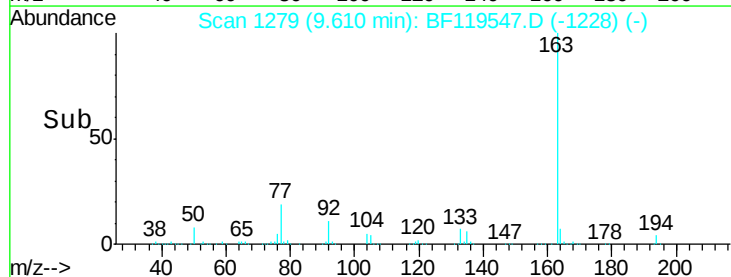
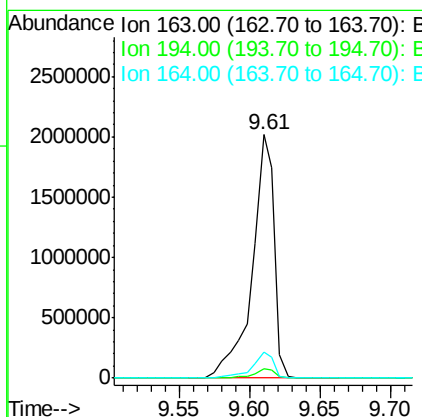
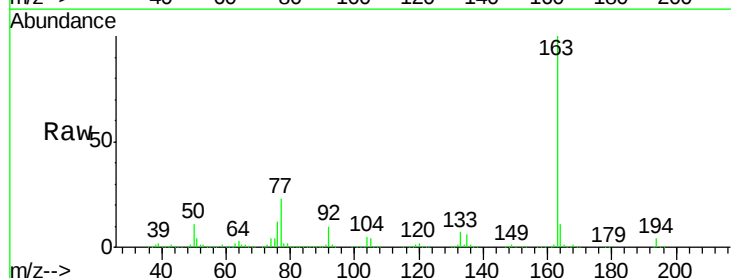
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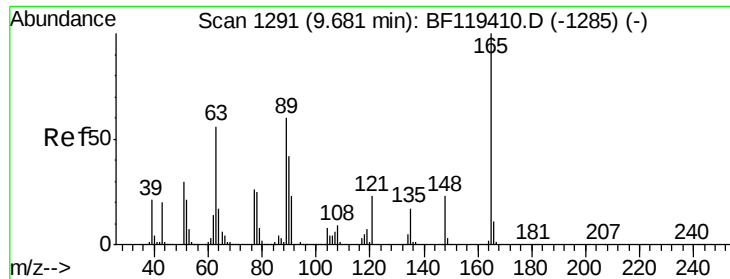
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#50
Dimethylphthalate
Concen: 52.770 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.9	8.1	12.1





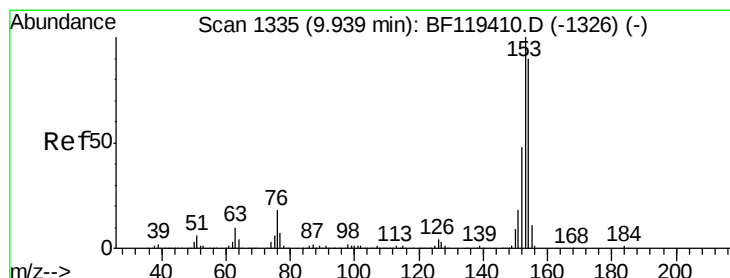
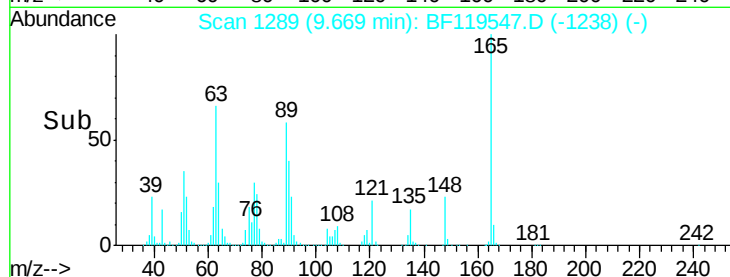
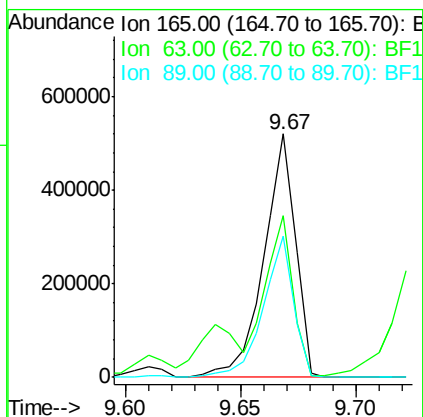
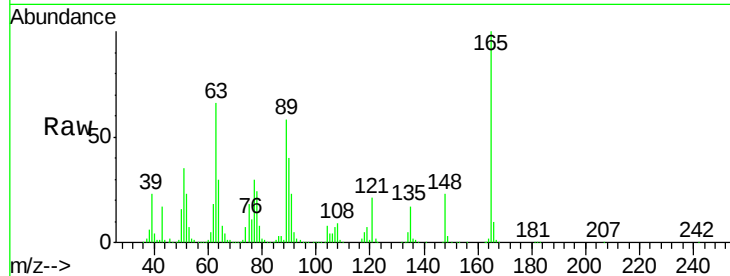
#51
2,6-Dinitrotoluene
Concen: 54.874 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	493585		
63	66.4	57.3	85.9	
89	58.2	47.8	71.8	

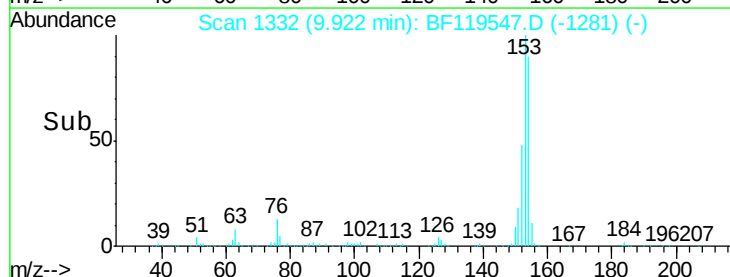
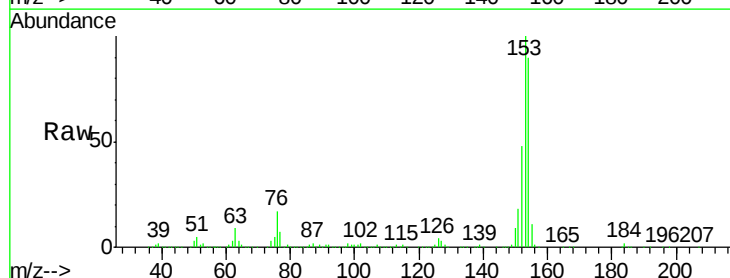
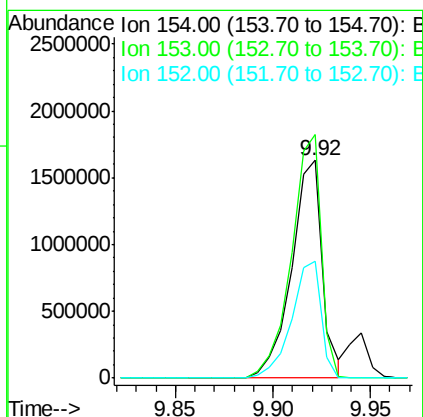
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#52
Acenaphthene
Concen: 48.284 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1781653		
153	111.7	89.0	133.6	
152	53.8	43.1	64.7	





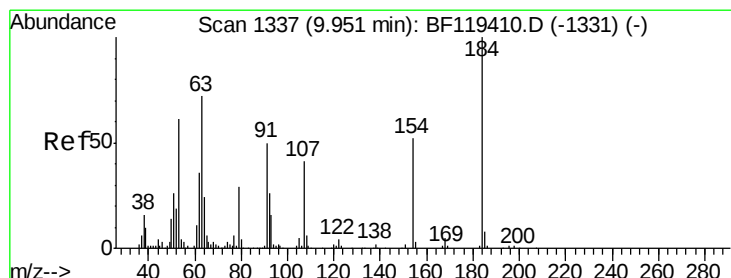
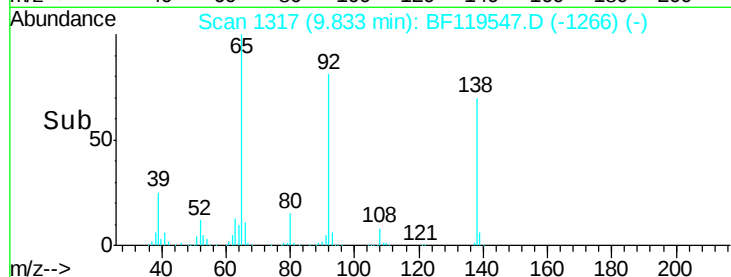
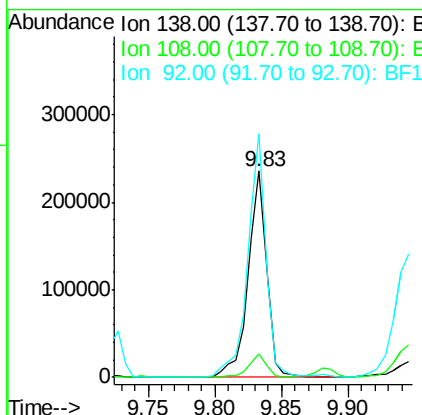
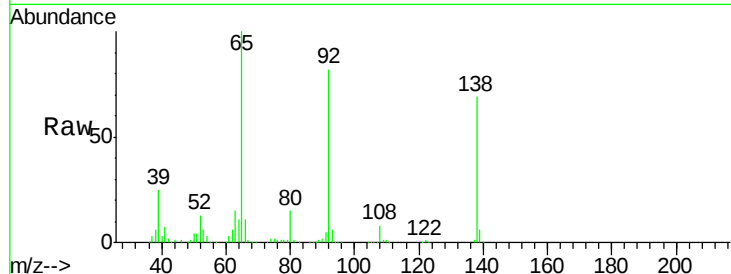
#53
3-Nitroaniline
Concen: 19.730 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.0	13.6
92	118.1	93.2	139.8

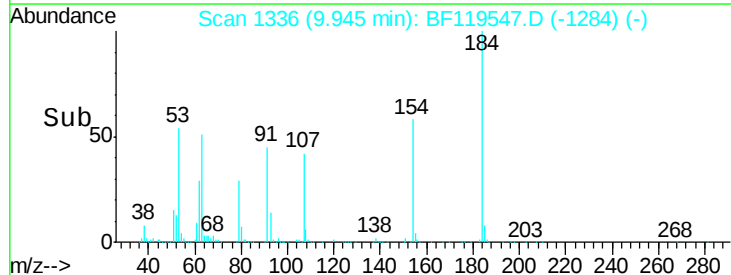
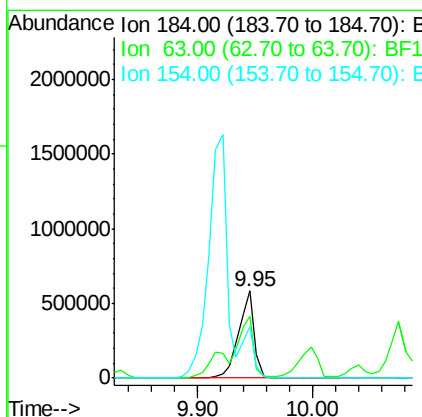
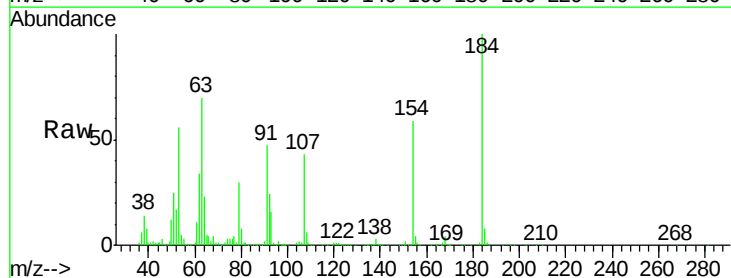
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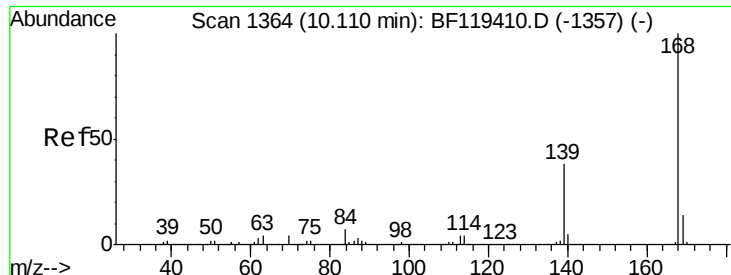
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#54
2,4-Dinitrophenol
Concen: 136.428 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.4	58.5	87.7
154	58.6	51.8	77.6





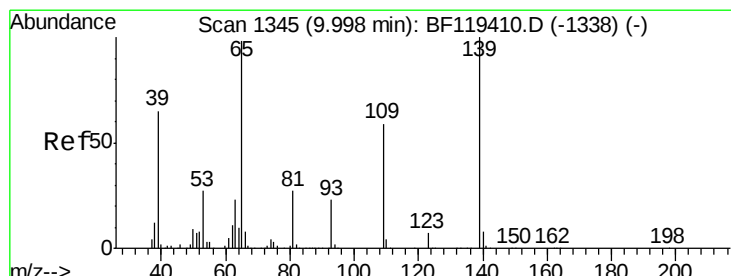
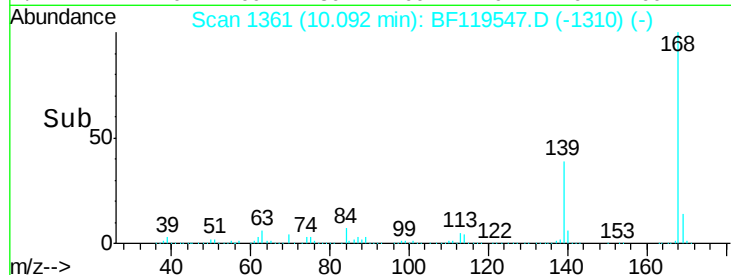
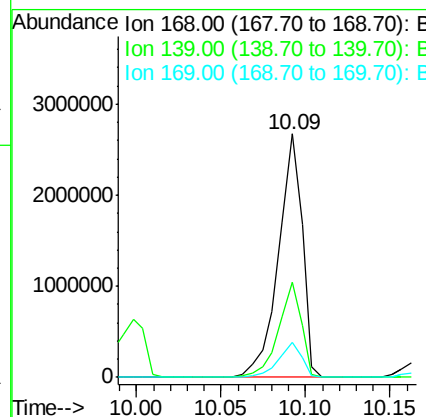
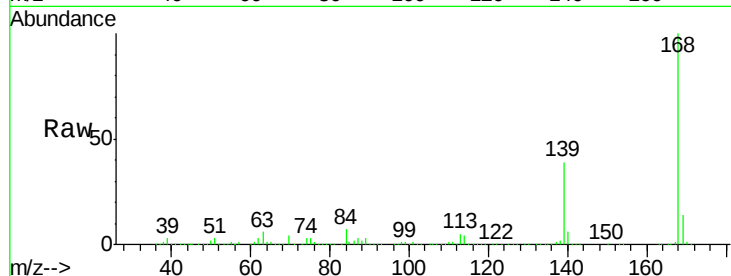
#55
Dibenzenofuran
Concen: 49.106 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.2	45.4
169	14.1	11.1	16.7

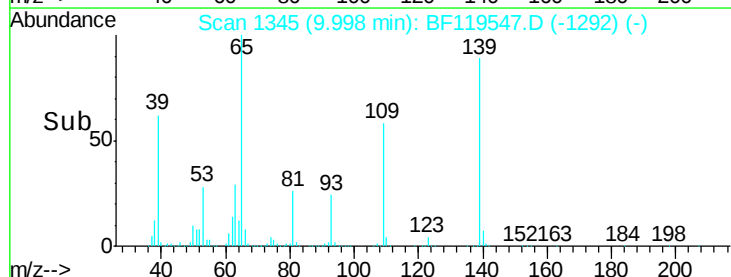
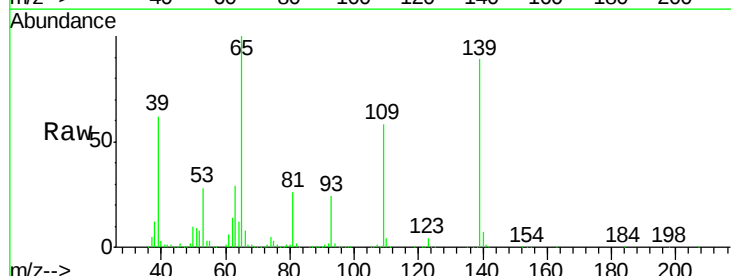
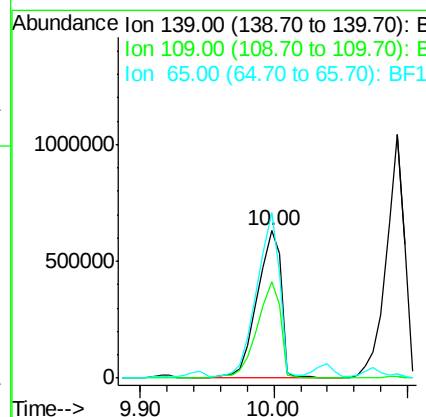
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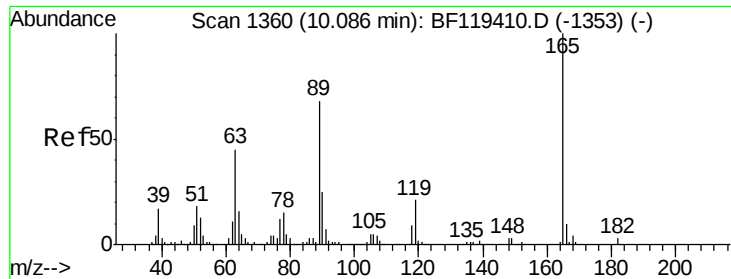
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#56
4-Nitrophenol
Concen: 86.814 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.3	39.6	79.6
65	112.0	78.3	118.3





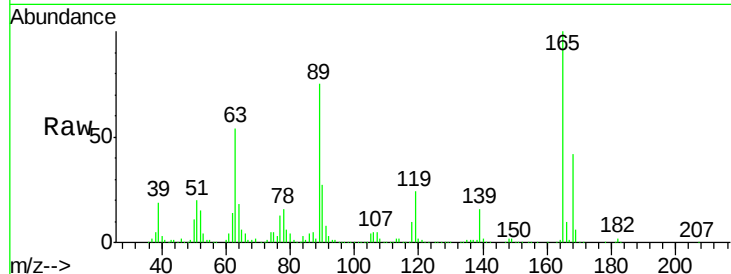
#57
2,4-Dinitrotoluene
Concen: 59.032 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		668908		
63	53.7	36.2	54.4		
89	75.5	54.3	81.5		
182	2.2	2.0	3.0		

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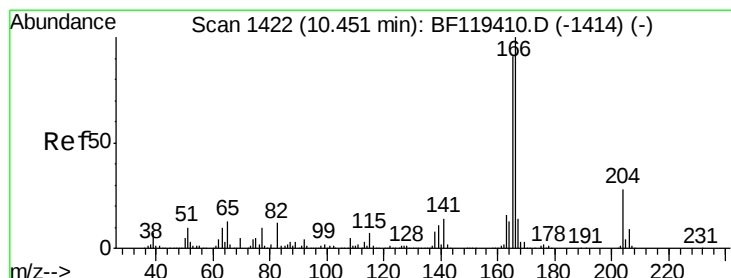
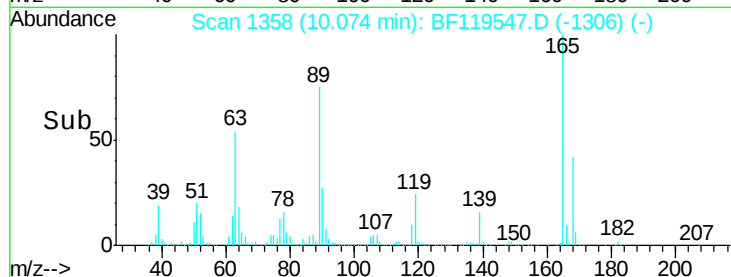
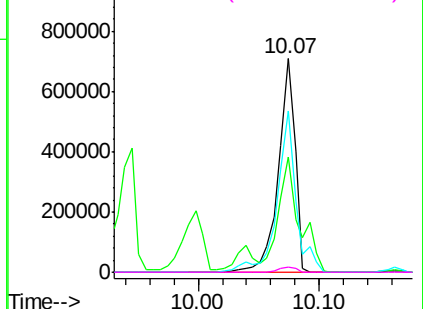


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



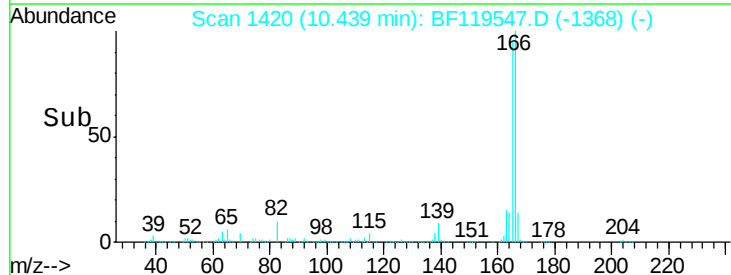
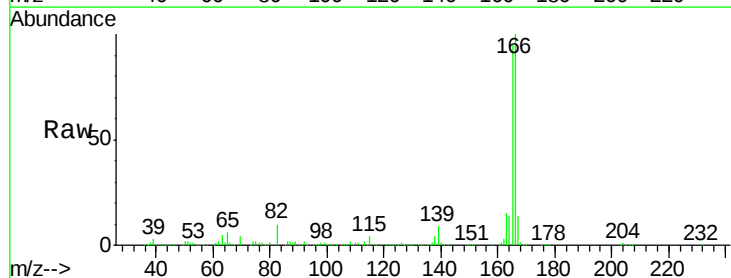
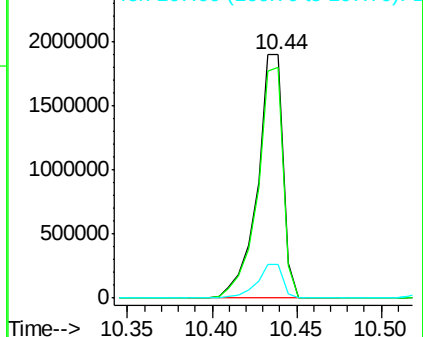
#58
Fluorene
Concen: 51.288 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

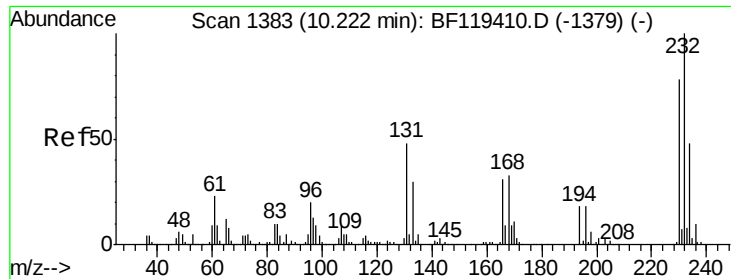
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2006499		
165	94.9	73.1	109.7		
167	13.8	11.0	16.6		

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





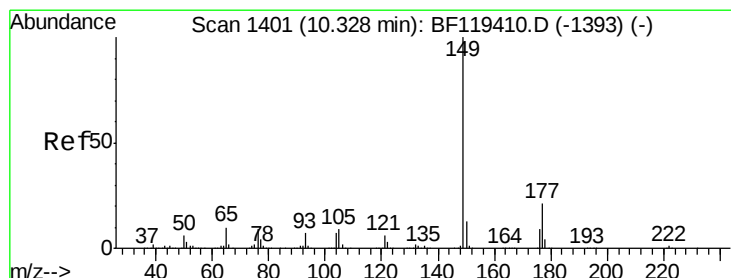
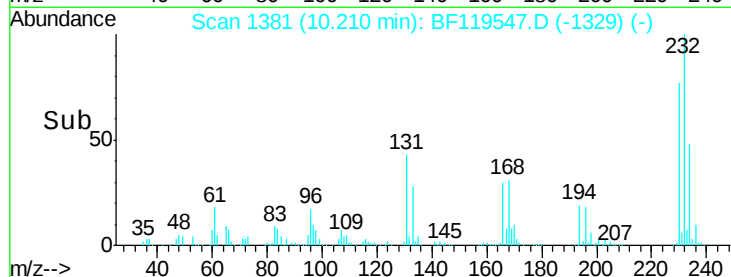
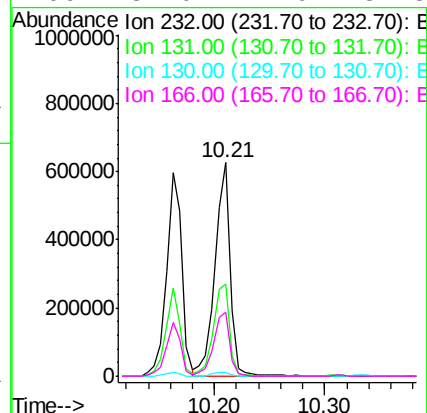
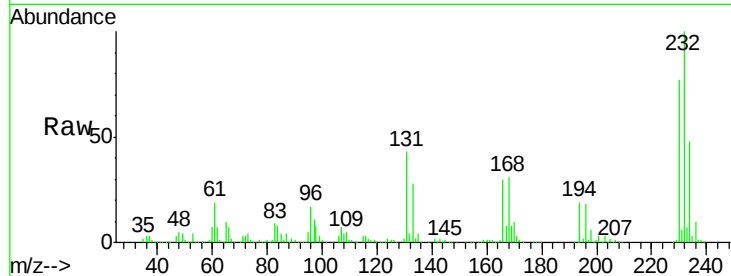
#59
2,3,4,6-Tetrachlorophenol
Concen: 56.279 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.3	36.3	54.5
130	2.2	1.8	2.6
166	31.0	24.9	37.3

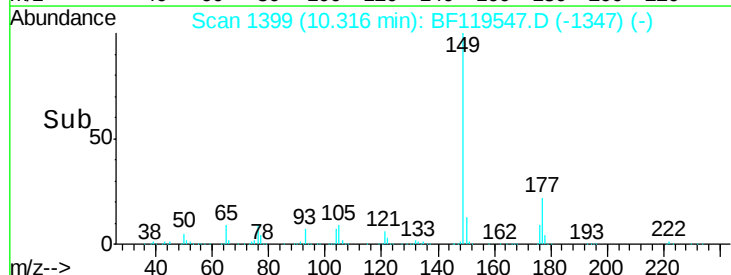
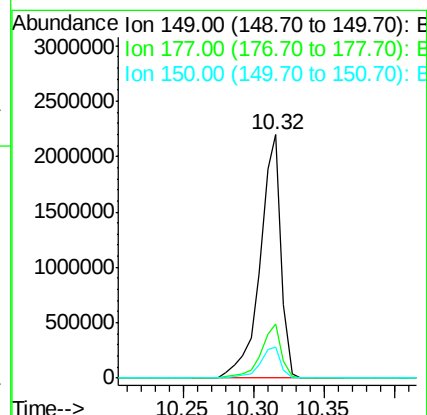
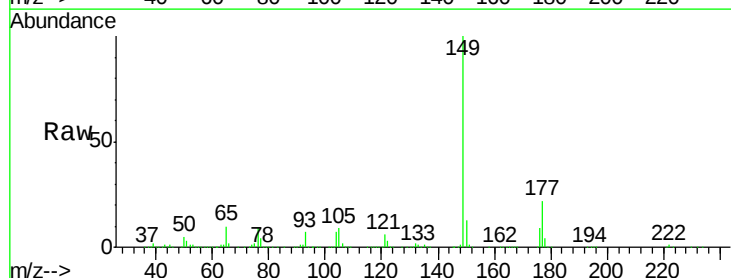
Manual Integrations
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#60
Diethylphthalate
Concen: 53.614 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.0	25.6
150	13.0	10.2	15.4





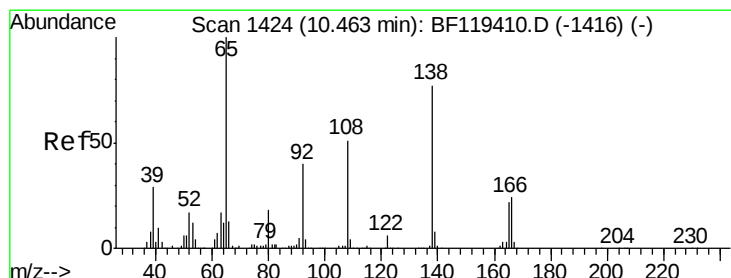
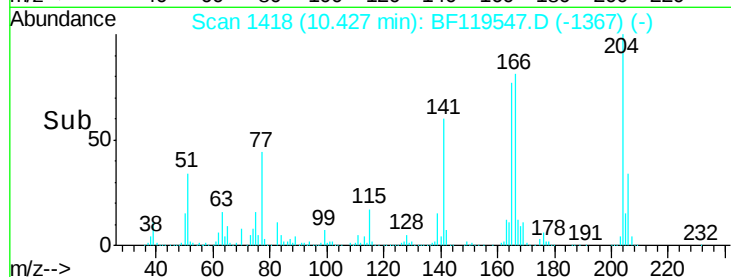
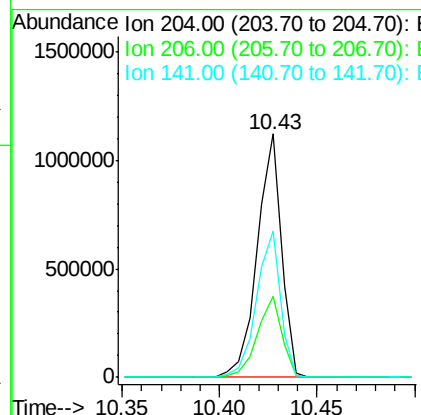
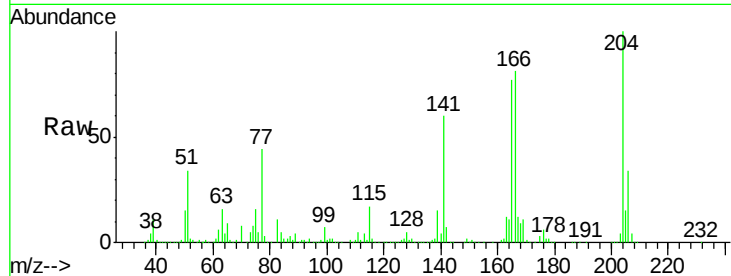
#61
 4-Chlorophenyl-phenylether
 Concen: 50.488 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF119547.D
 Acq: 26 Mar 2020 23:20

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032520MSD

Tot Ion:	204	Resp:	965906
Ion Ratio	Lower	Upper	
204	100		
206	33.6	26.7	40.1
141	60.0	48.8	73.2

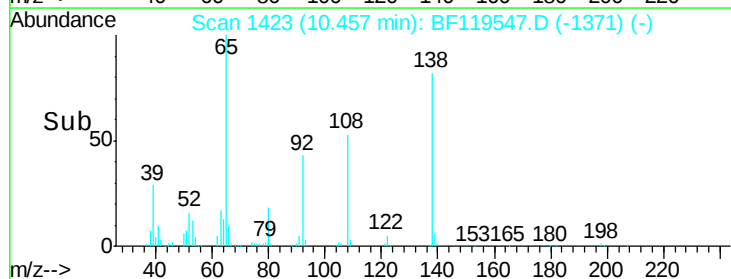
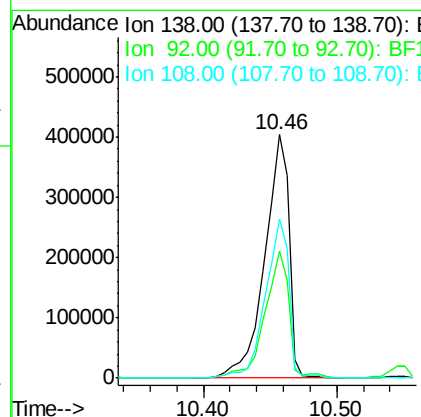
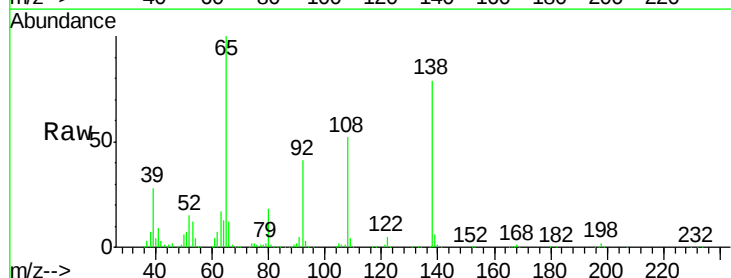
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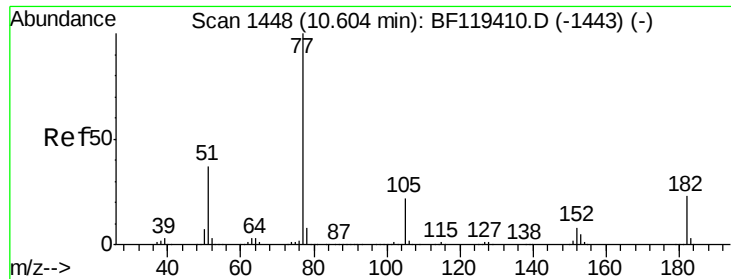
mohammad
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#62
 4-Nitroaniline
 Concen: 46.657 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF119547.D
 Acq: 26 Mar 2020 23:20

Tgt Ion:	138	Resp:	508072
Ion Ratio	Lower	Upper	
138	100		
92	52.2	32.0	72.0
108	65.5	46.0	86.0





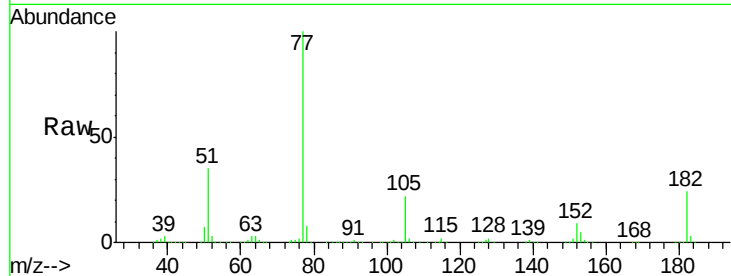
#63
Azobenzene
Concen: 50.508 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.6	2.5	42.5
105	22.4	2.5	42.5
51	35.0	17.1	57.1

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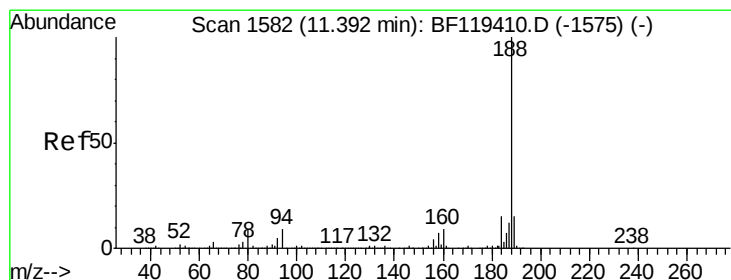
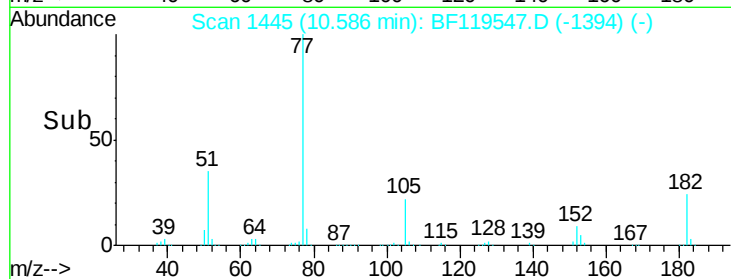
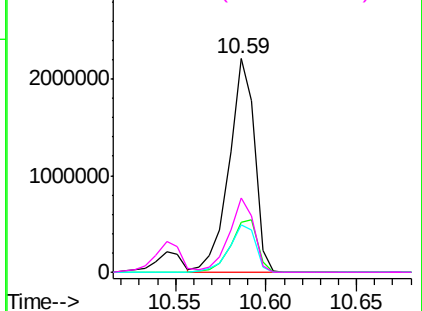
Abundance

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: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

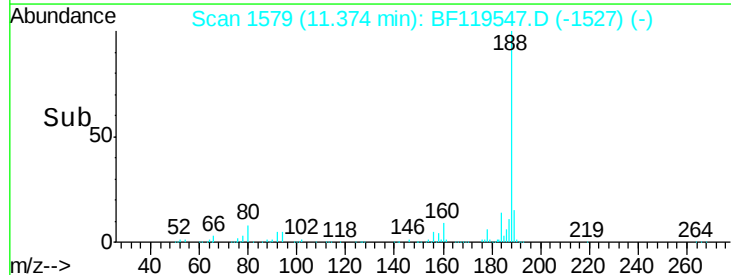
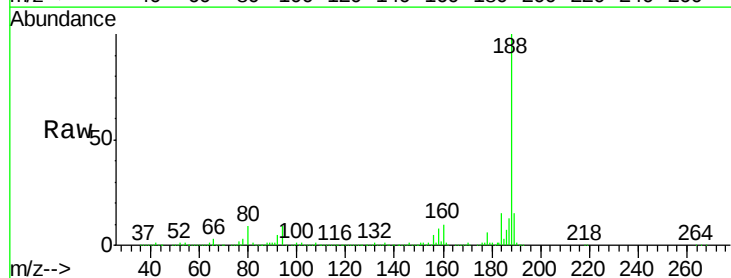
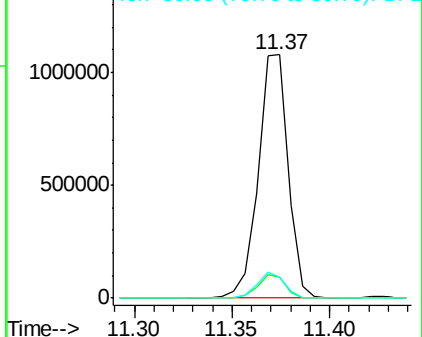
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.1	10.7
80	8.7	7.5	11.3

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





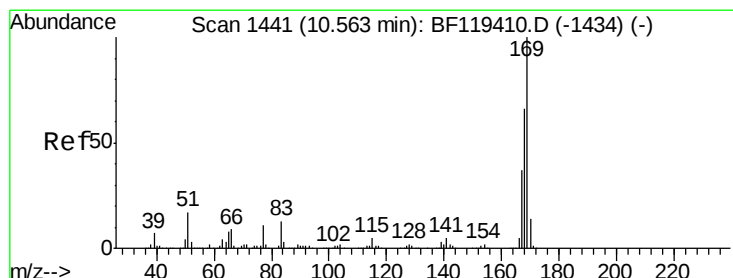
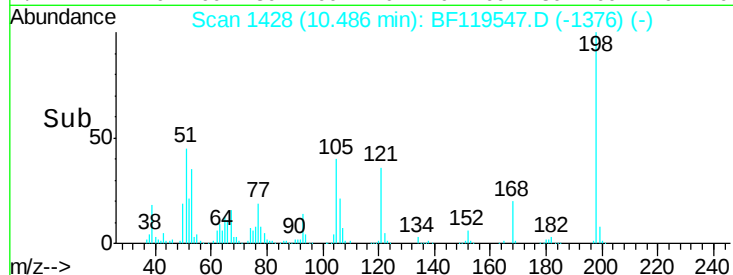
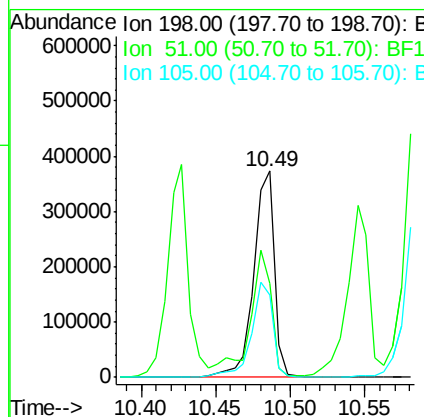
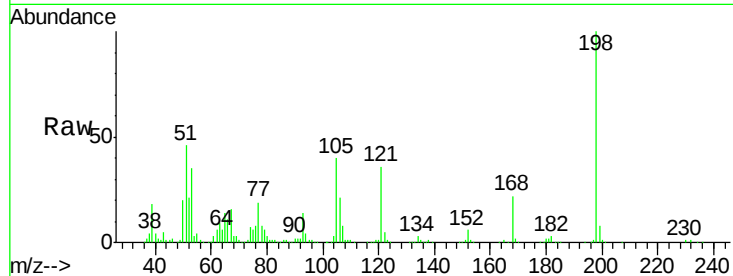
#65
4,6-Dinitro-2-methylphenol
Concen: 74.059 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	45.5	33.1	73.1
105	39.8	24.1	64.1

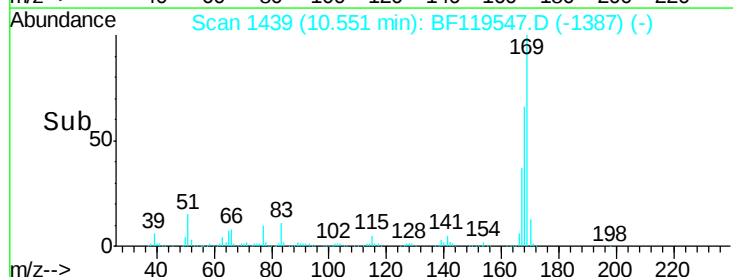
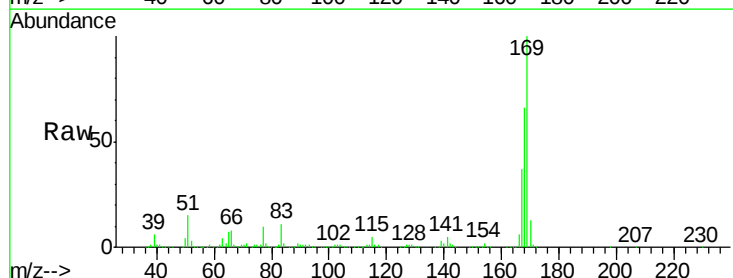
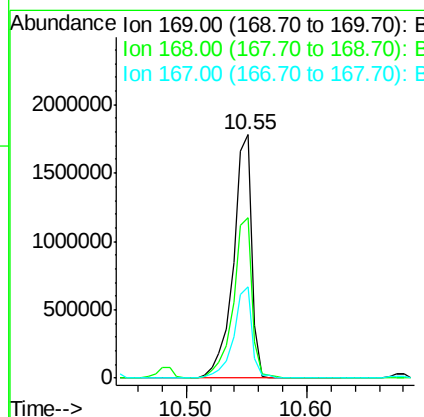
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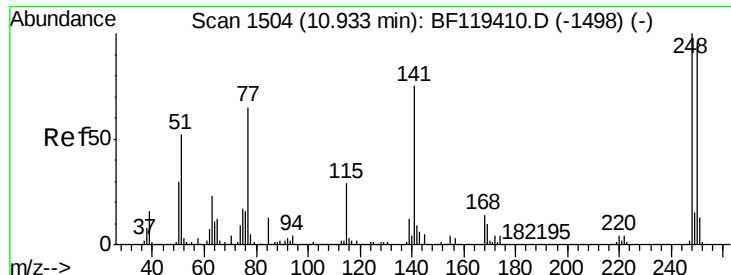
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#66
n-Nitrosodiphenylamine
Concen: 50.293 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.7	52.7	79.1
167	37.4	29.3	43.9





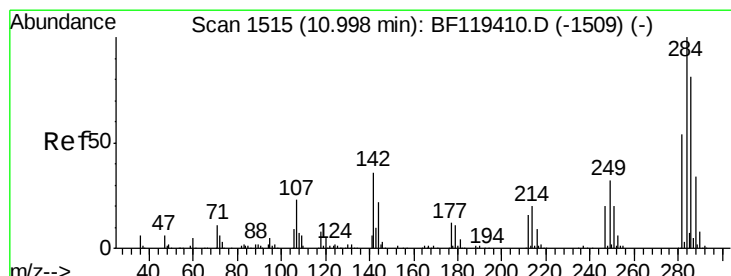
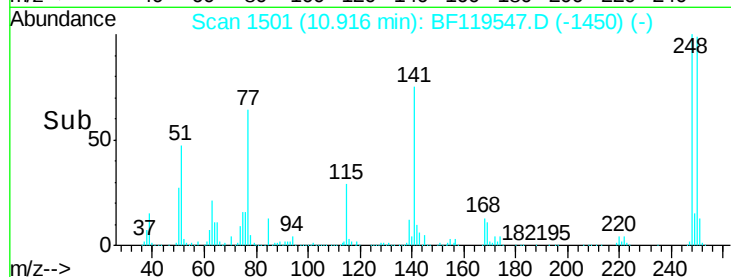
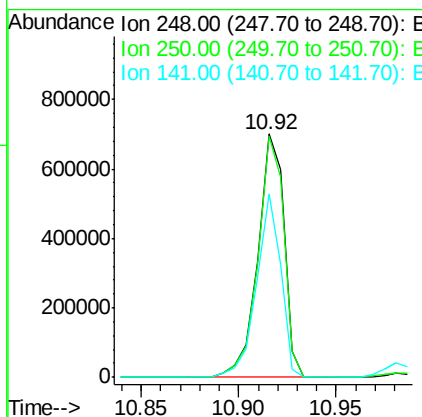
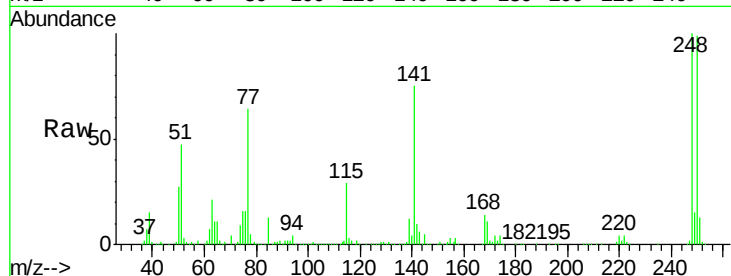
#67
 4-Bromophenyl-phenylether
 Concen: 50.183 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BF119547.D
 Acq: 26 Mar 2020 23:20

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032520MSD

Tot Ion:	248	Resp:	653630
Ion Ratio	Lower	Upper	
248	100		
250	99.1	77.0	115.6
141	75.1	59.7	89.5

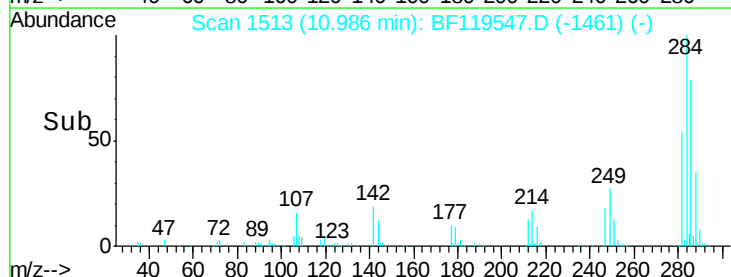
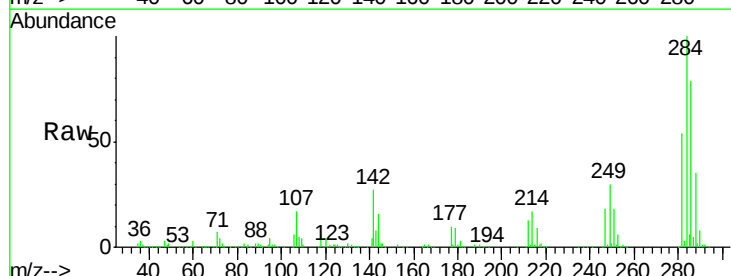
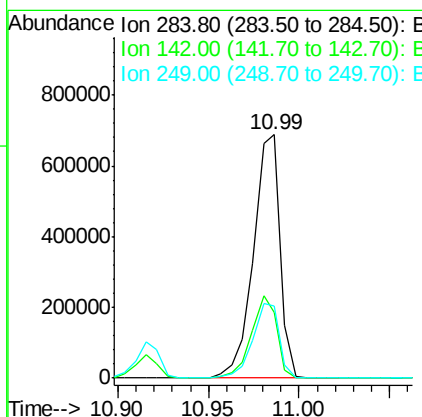
Manual Integrations
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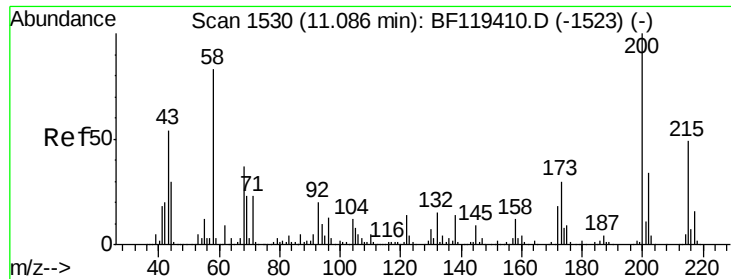
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#68
 Hexachlorobenzene
 Concen: 52.696 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.01 min
 Lab File: BF119547.D
 Acq: 26 Mar 2020 23:20

Tgt Ion:	284	Resp:	702477
Ion Ratio	Lower	Upper	
284	100		
142	27.1	28.7	43.1#
249	29.8	25.4	38.0





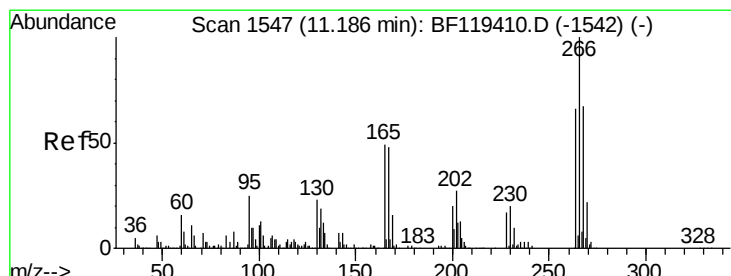
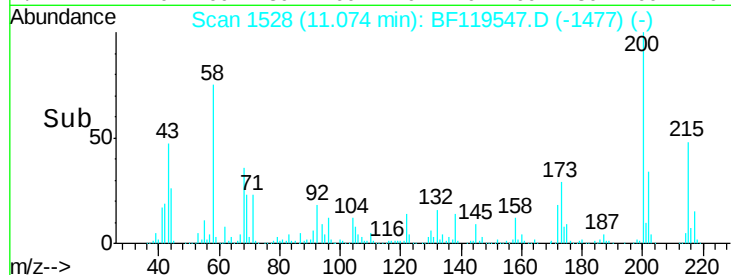
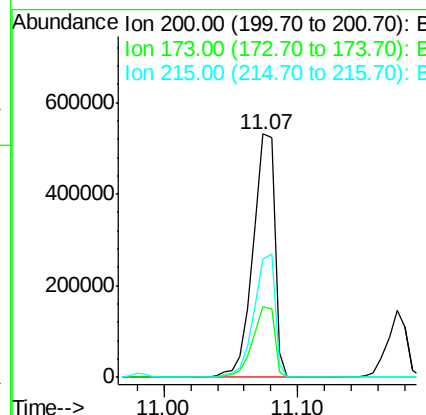
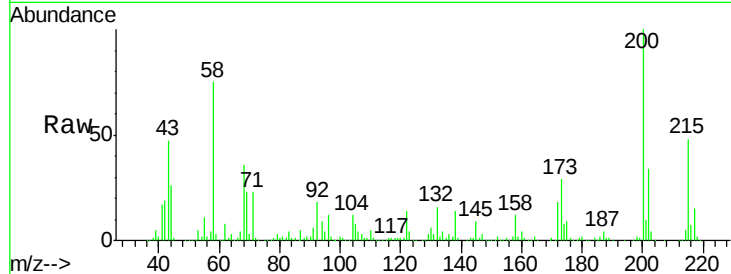
#69
 Atrazine
 Concen: 57.527 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BF119547.D
 Acq: 26 Mar 2020 23:20

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032520MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.9	9.9	49.9
215	48.4	29.4	69.4

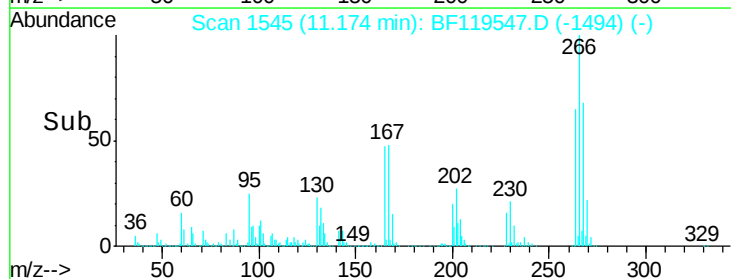
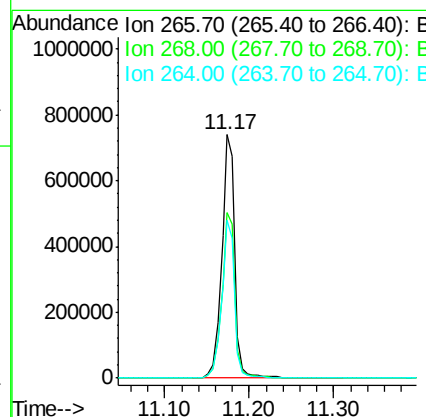
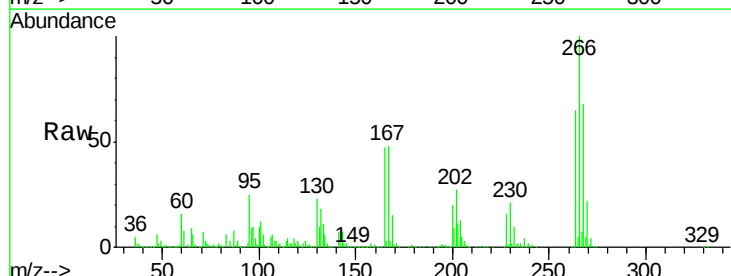
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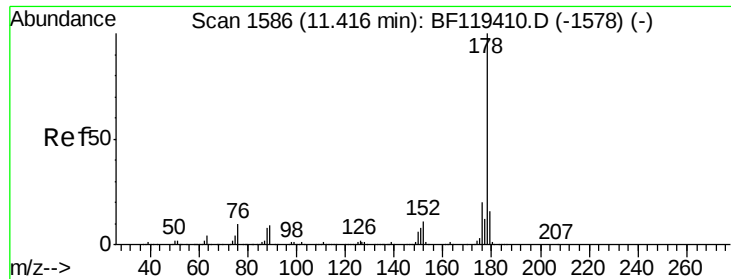
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#70
 Pentachlorophenol
 Concen: 103.787 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.00 min
 Lab File: BF119547.D
 Acq: 26 Mar 2020 23:20

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.8	53.7	80.5
264	64.6	52.5	78.7





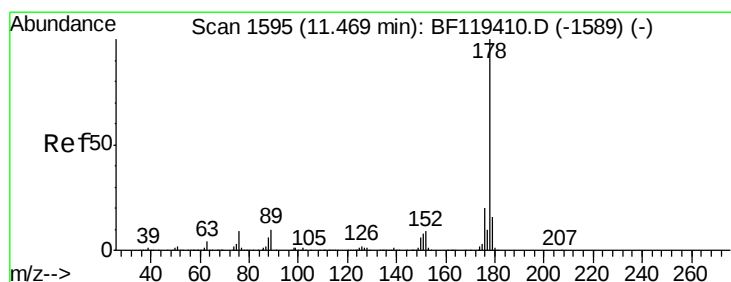
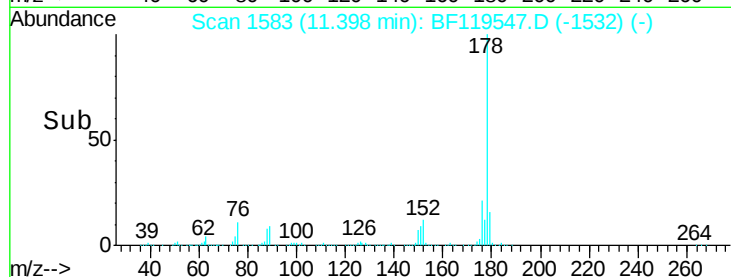
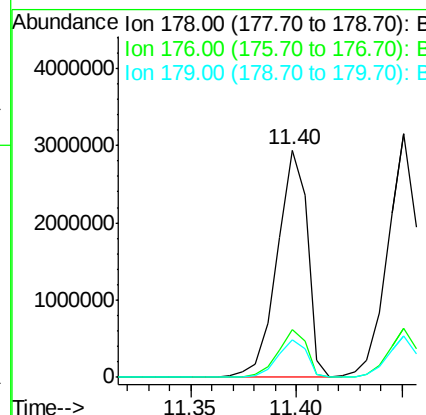
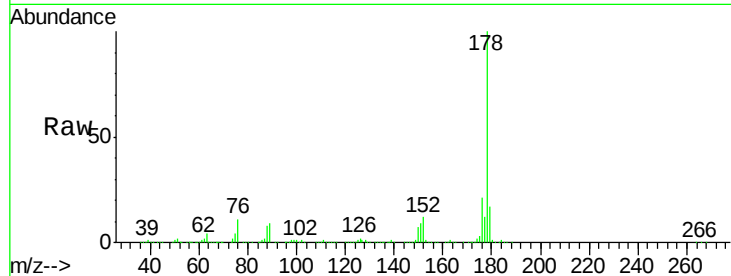
#71
Phenanthrene
Concen: 49.556 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

Tot Ion:178 Resp: 2938790
Ion Ratio Lower Upper
178 100
176 21.0 16.2 24.4
179 16.5 12.9 19.3

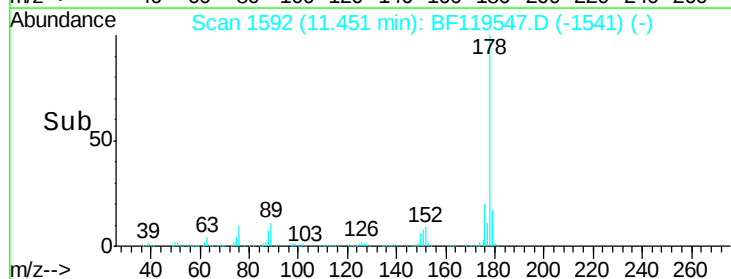
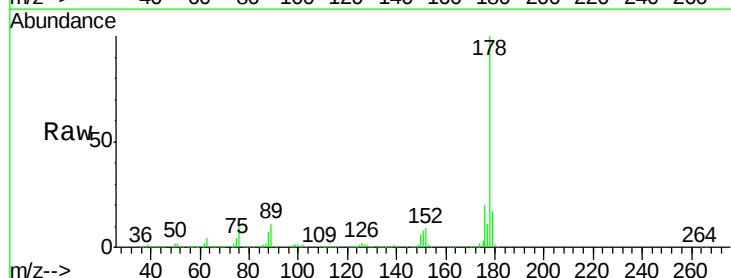
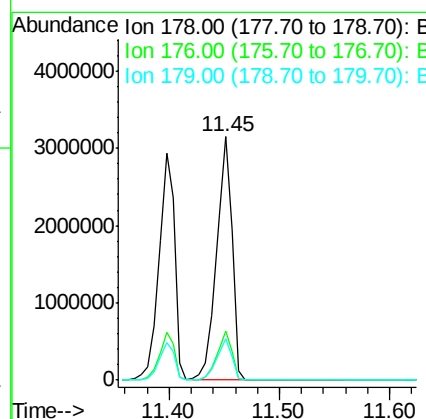
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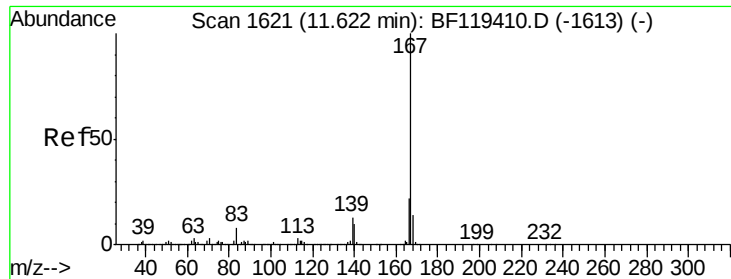
mohammad
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#72
Anthracene
Concen: 49.683 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tgt Ion:178 Resp: 2994472
Ion Ratio Lower Upper
178 100
176 20.2 15.6 23.4
179 16.8 13.1 19.7





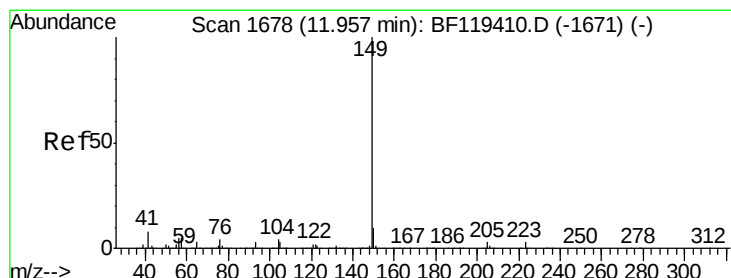
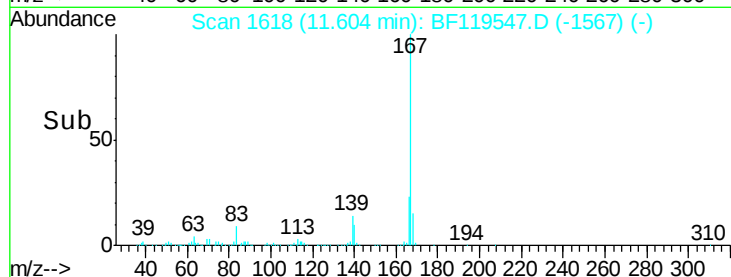
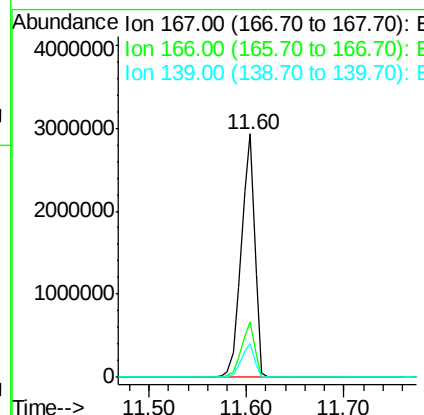
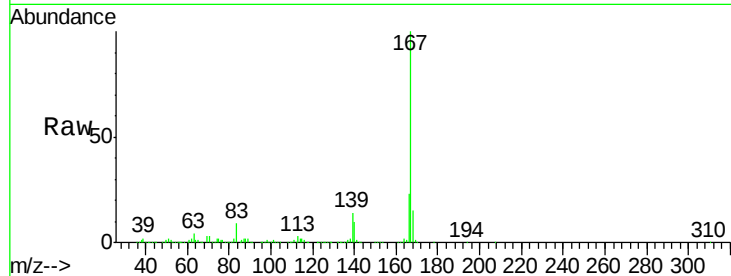
#73
 Carbazole
 Concen: 47.239 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BF119547.D
 Acq: 26 Mar 2020 23:20

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032520MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.8	26.6
139	13.6	10.2	15.4

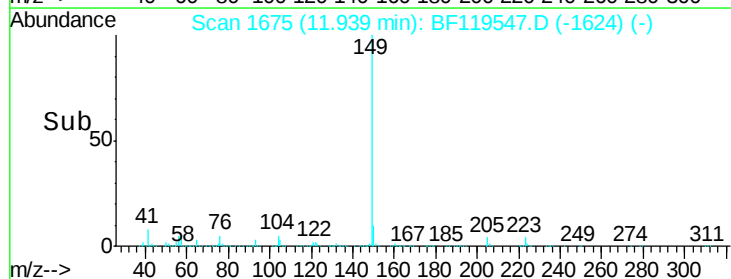
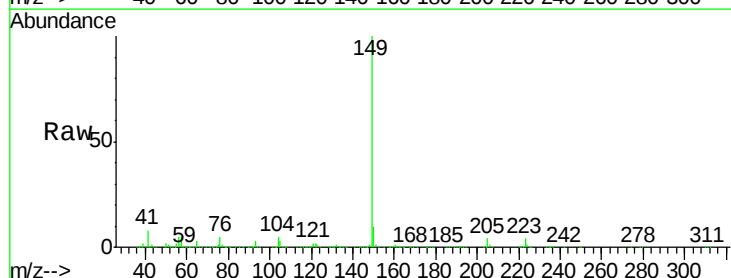
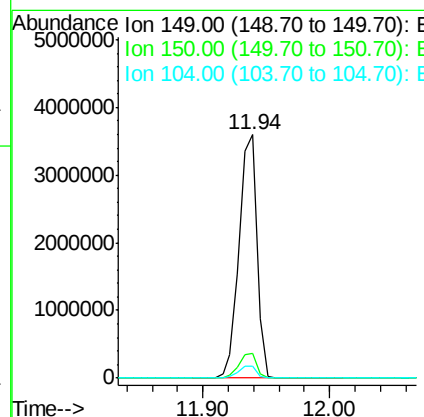
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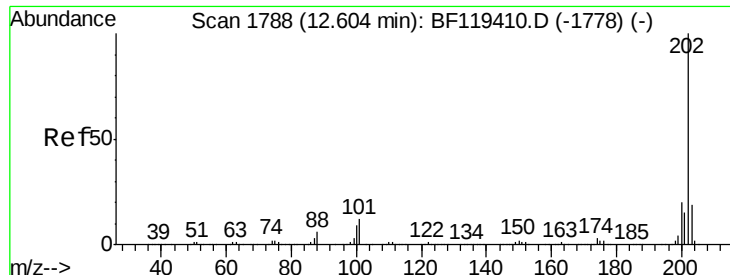
mohammad
 3/30/2020 8:50:51 AM



#74
 Di-n-butylphthalate
 Concen: 54.412 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: BF119547.D
 Acq: 26 Mar 2020 23:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.6	11.4
104	4.9	3.5	5.3





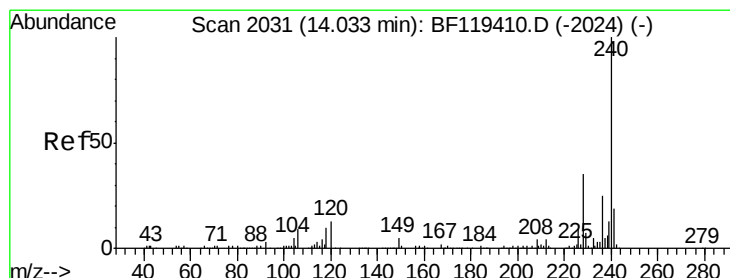
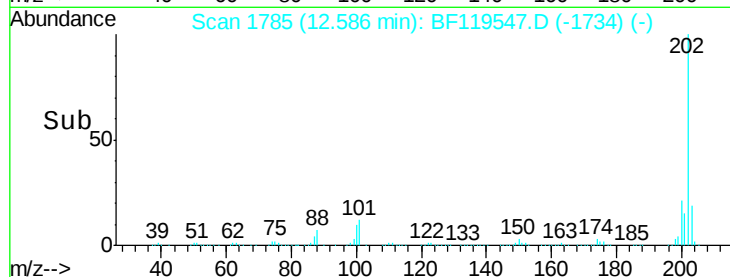
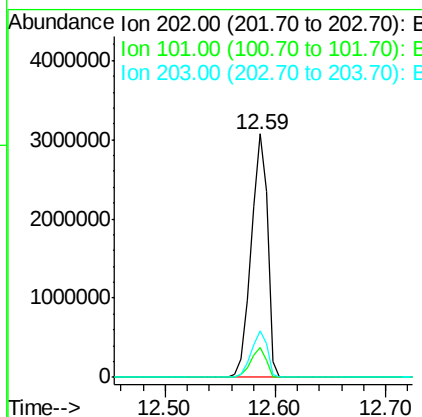
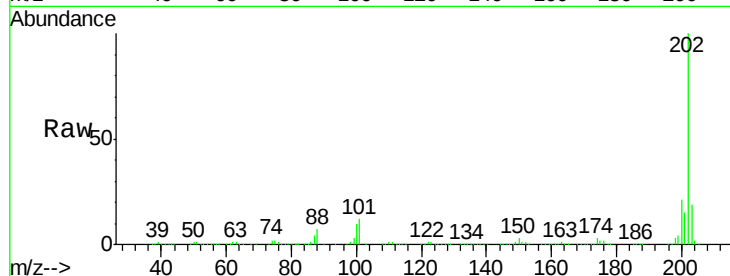
#75
Fluoranthene
Concen: 49.995 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.4
203	19.0	0.0	38.5

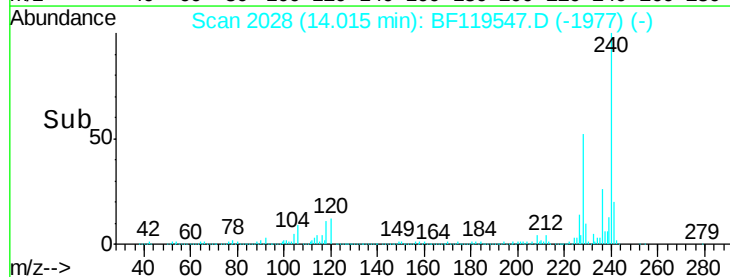
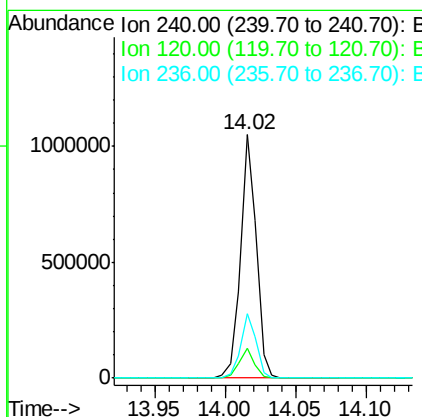
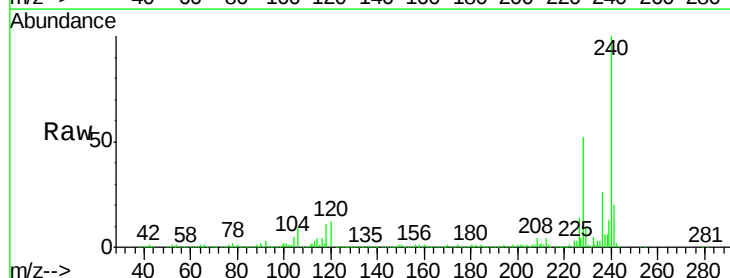
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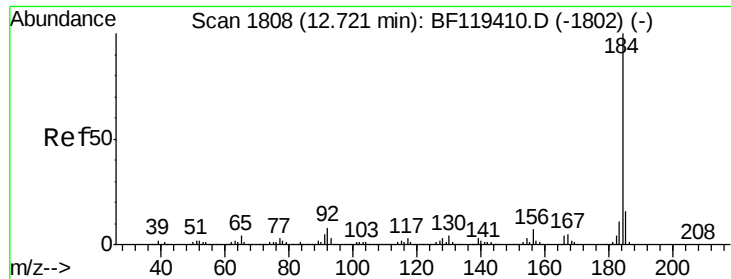
mohammad
3/30/2020 8:50:51 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	10.2	15.4
236	26.2	20.4	30.6





#77

Benzidine

Concen: 8.379 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF119547.D

Acq: 26 Mar 2020 23:20

Instrument :

BNA_F

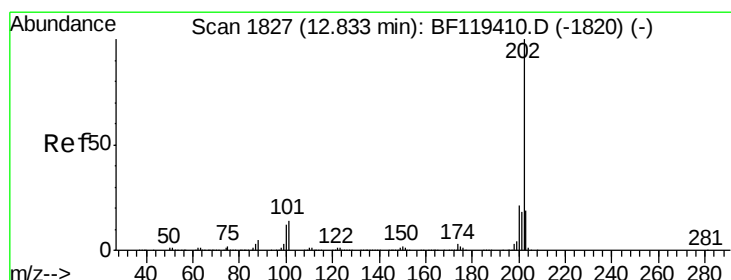
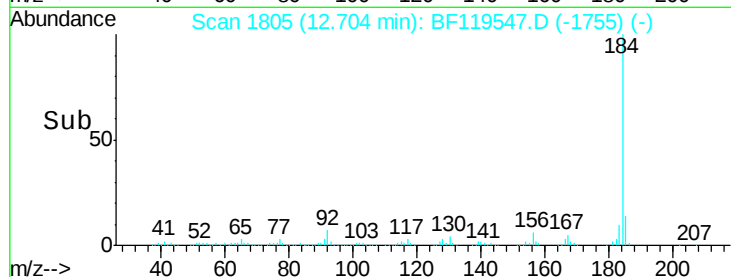
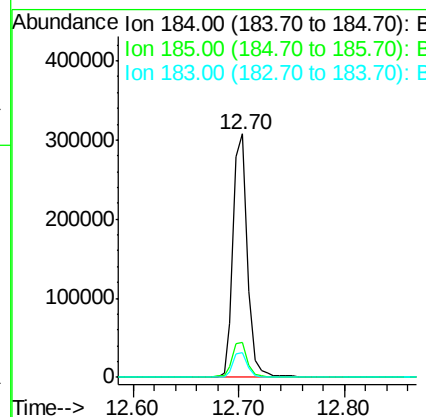
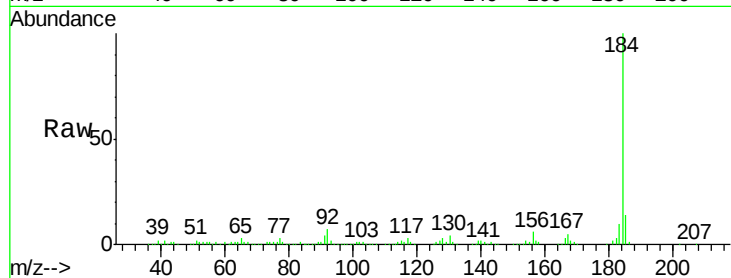
ClientSampleId :

CL-02-032520MSD

Tot Ion:	184	Resp:	288107
Ion Ratio		Lower	Upper
184	100		
185	14.3	12.9	19.3
183	10.0	9.0	13.4

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#78

Pyrene

Concen: 48.100 ng

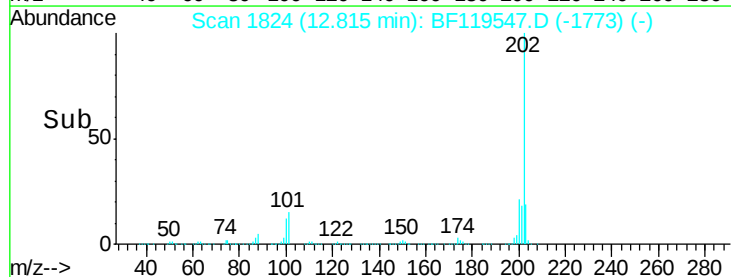
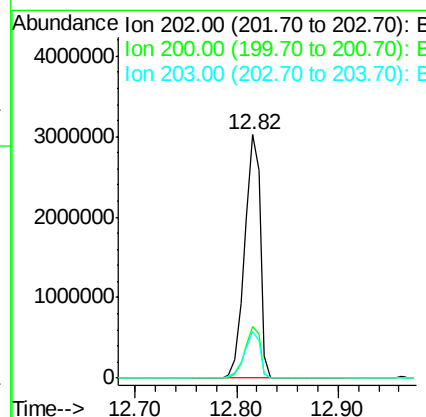
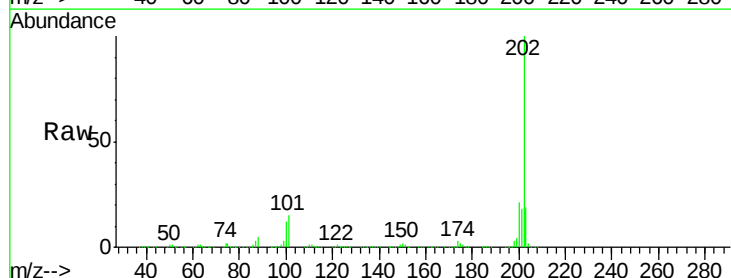
RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF119547.D

Acq: 26 Mar 2020 23:20

Tgt Ion:	202	Resp:	3207181
Ion Ratio		Lower	Upper
202	100		
200	21.4	16.8	25.2
203	19.0	14.8	22.2





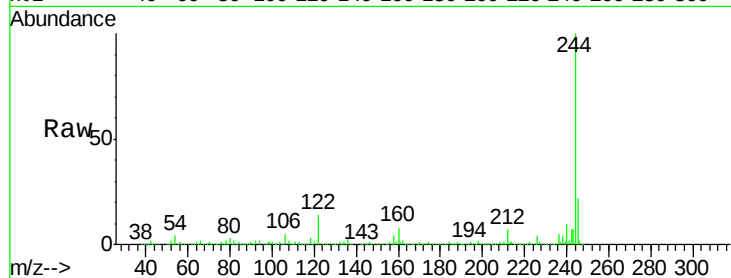
#79
 Terphenyl-d14
 Concen: 105.891 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BF119547.D
 Acq: 26 Mar 2020 23:20

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032520MSD

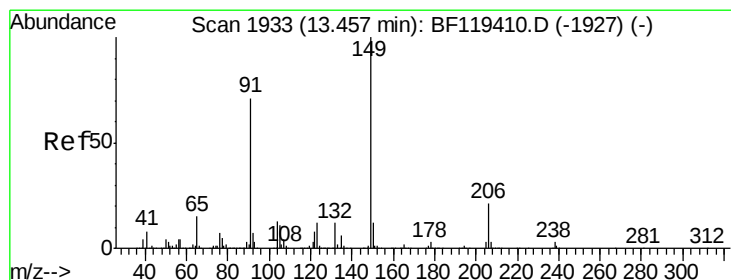
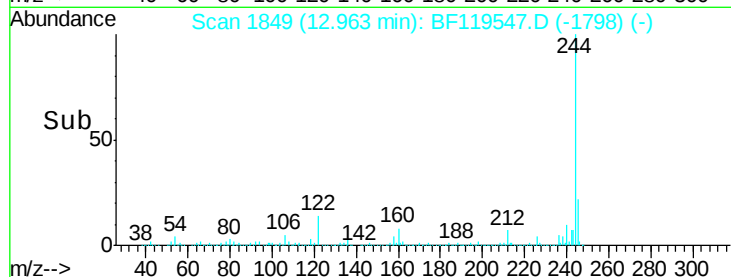
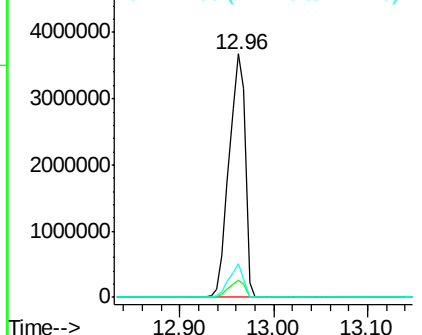
Tot Ion:244 Resp: 4391097
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 13.9 9.8 14.8

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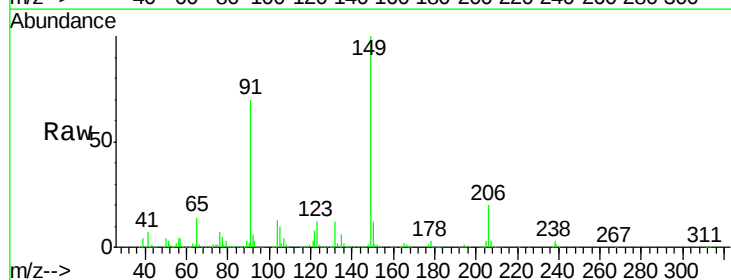


Abundance Ion 244.00 (243.70 to 244.70): E
 5000000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

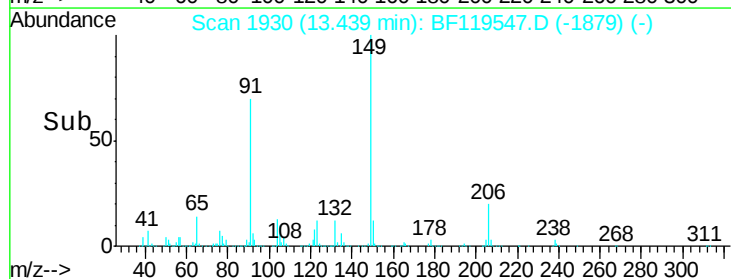
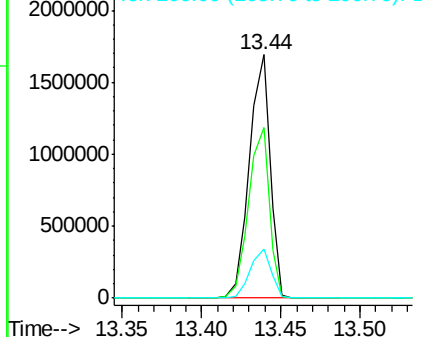


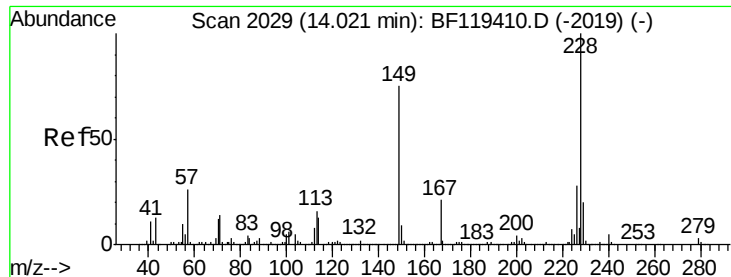
#80
 Butylbenzylphthalate
 Concen: 56.991 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: BF119547.D
 Acq: 26 Mar 2020 23:20

Tgt Ion:149 Resp: 1536915
 Ion Ratio Lower Upper
 149 100
 91 70.1 57.0 85.6
 206 20.3 16.4 24.6



Abundance Ion 149.00 (148.70 to 149.70): E
 2000000
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.417 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF119547.D

Acq: 26 Mar 2020 23:20

Instrument :

BNA_F

ClientSampleId :

CL-02-032520MSD

Tot Ion:228 Resp: 2505154

Ion Ratio Lower Upper

228 100

226 28.5 22.3 33.5

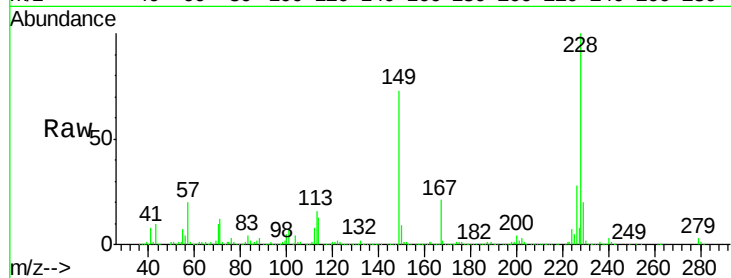
229 20.3 16.3 24.5

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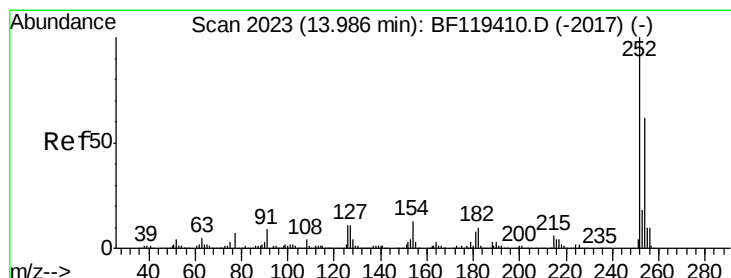
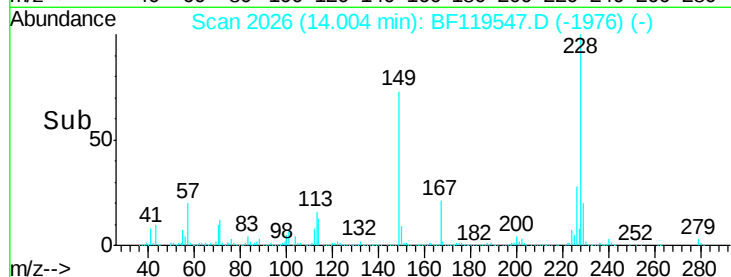
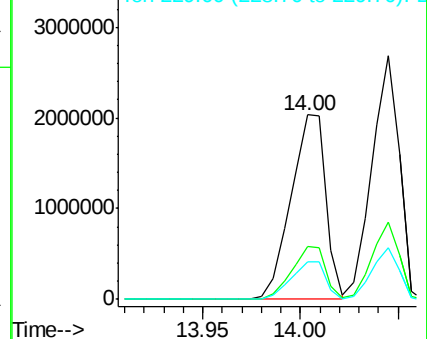
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.240 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF119547.D

Acq: 26 Mar 2020 23:20

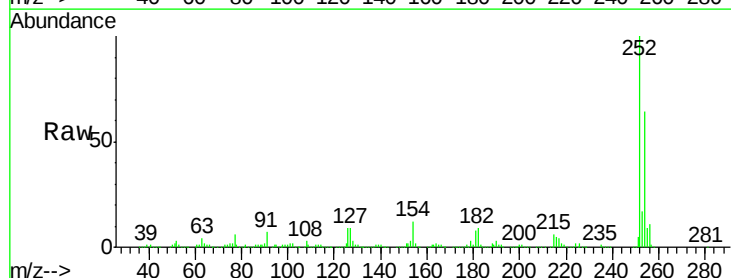
Tgt Ion:252 Resp: 463291

Ion Ratio Lower Upper

252 100

254 64.2 49.8 74.8

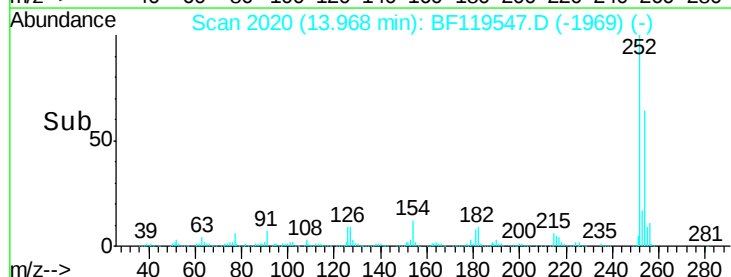
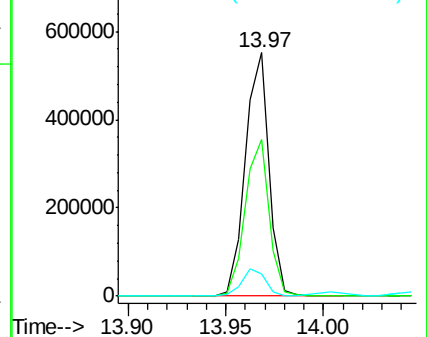
126 9.2 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





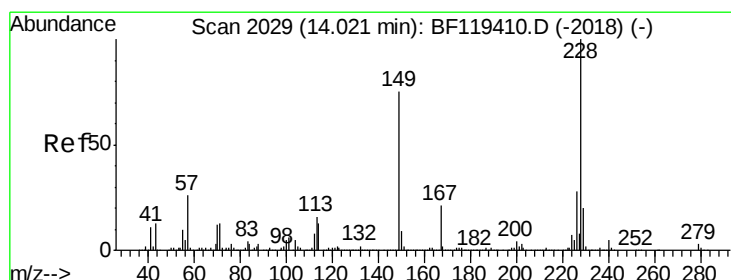
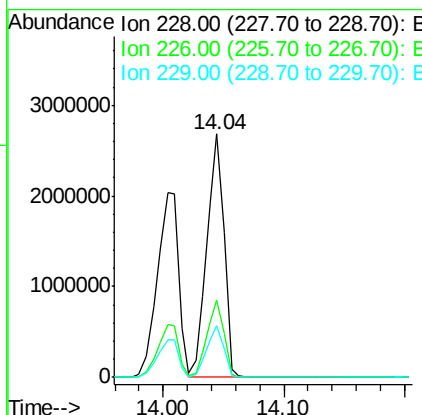
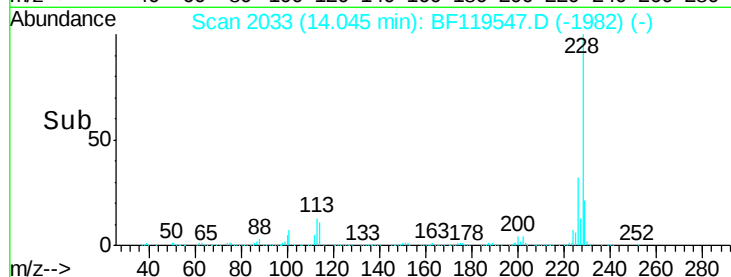
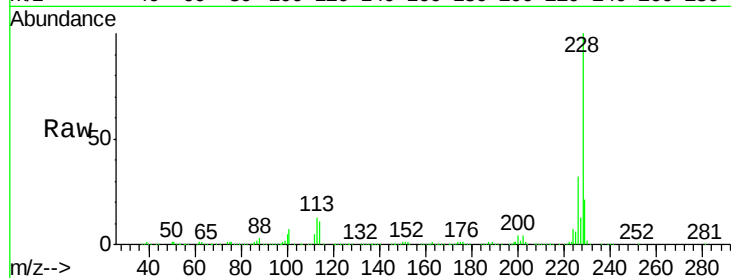
#83
Chrysene
Concen: 48.007 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

Tot Ion:228 Resp: 2617584
Ion Ratio Lower Upper
228 100
226 31.9 24.8 37.2
229 21.1 16.6 25.0

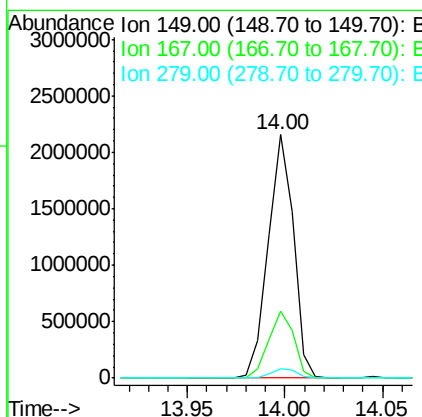
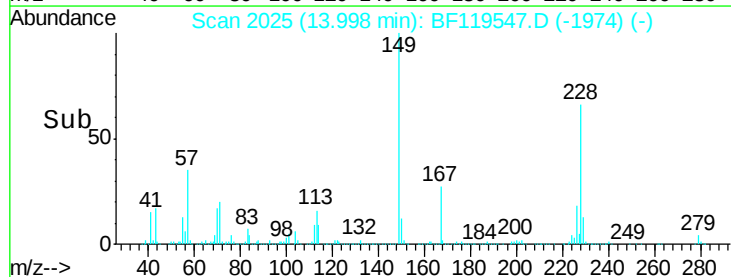
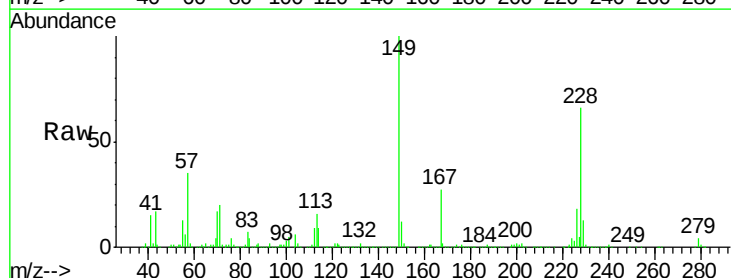
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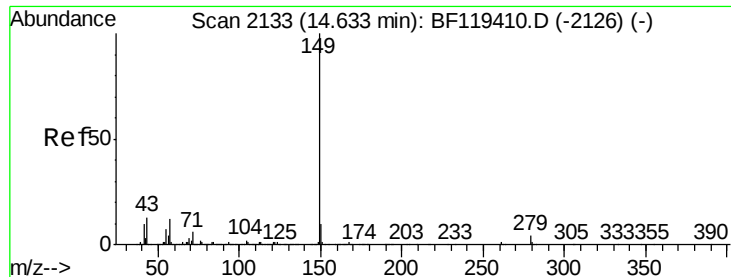
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#84
Bis(2-ethylhexyl)phthalate
Concen: 60.510 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tgt Ion:149 Resp: 1945257
Ion Ratio Lower Upper
149 100
167 27.3 22.0 33.0
279 3.7 3.2 4.8





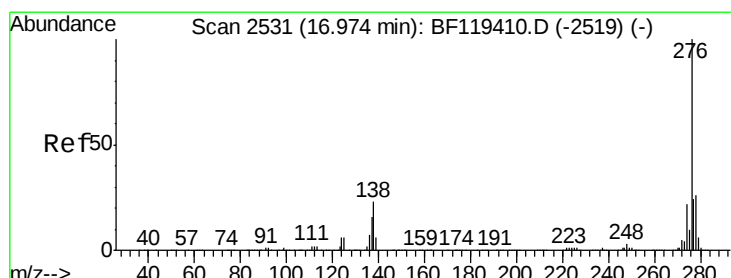
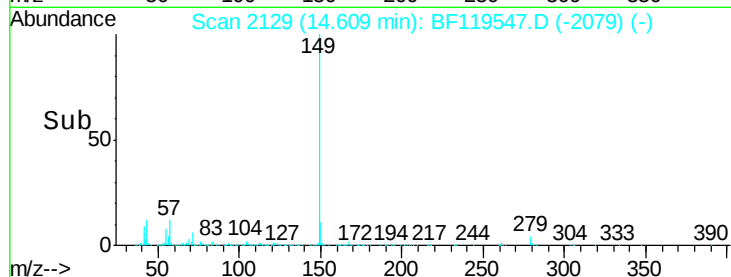
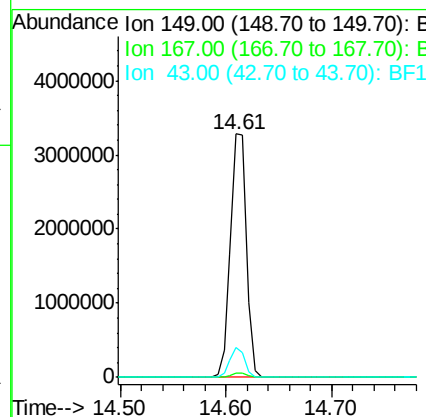
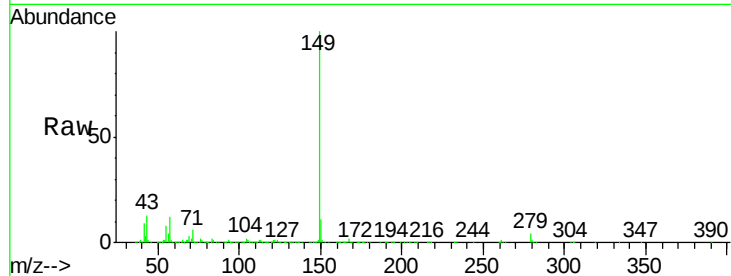
#85
Di-n-octyl phthalate
Concen: 60.834 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.6	10.1	15.1

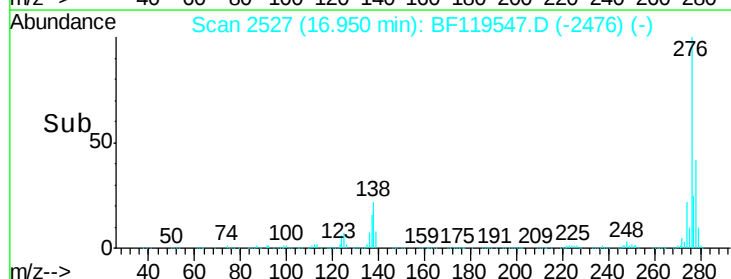
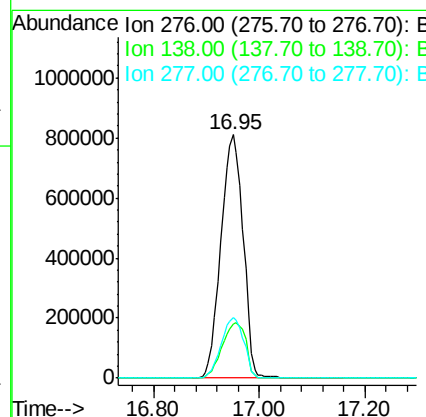
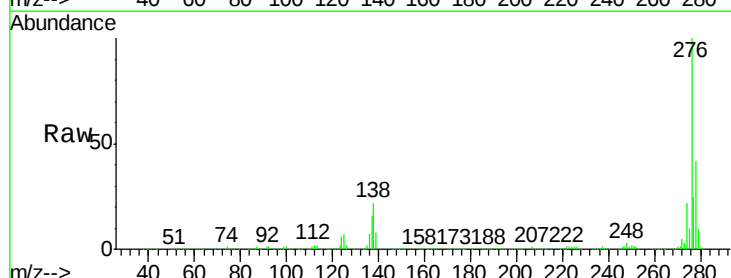
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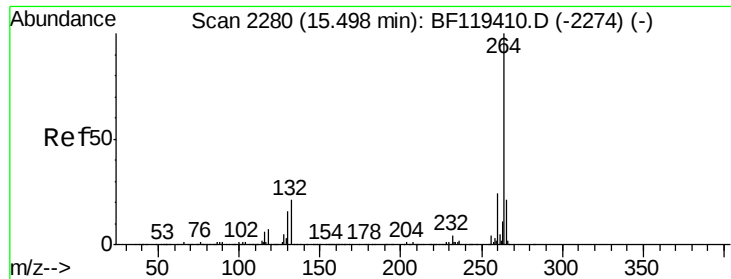
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#86
Indeno(1,2,3-cd)pyrene
Concen: 45.984 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	21.3	31.9
277	25.3	20.2	30.2





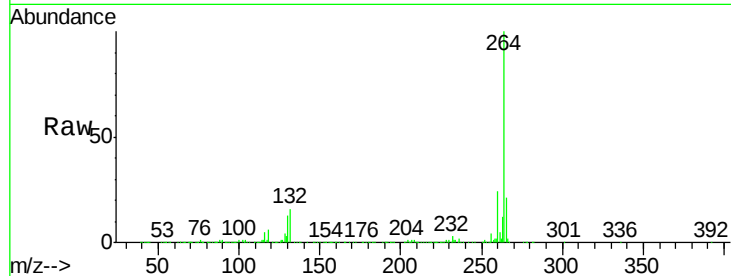
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	16.9	25.3

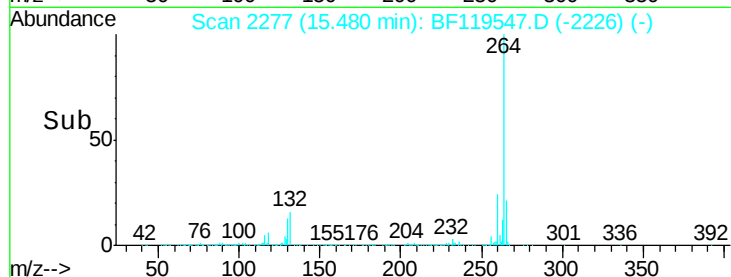
Manual Integrations
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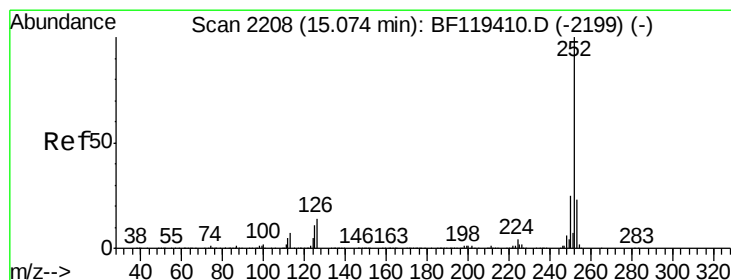


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

15.48

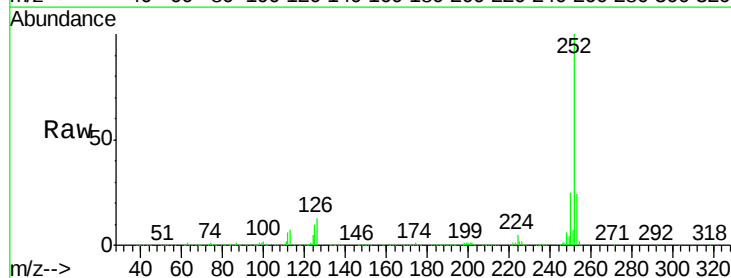


Time-->



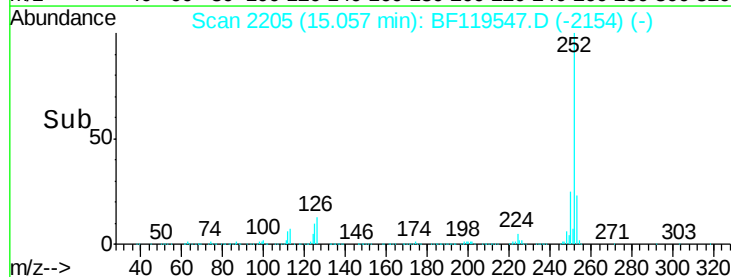
#88
Benzo(b)fluoranthene
Concen: 51.352 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.4
125	10.4	8.8	13.2

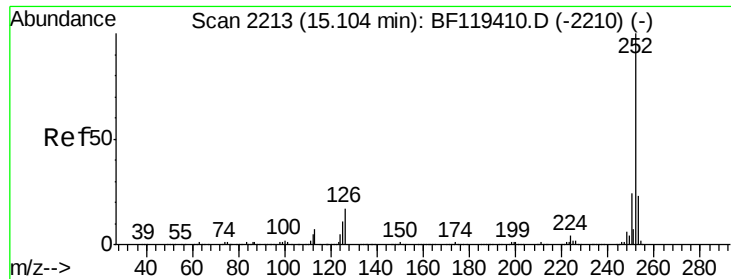


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

15.06



Time-->



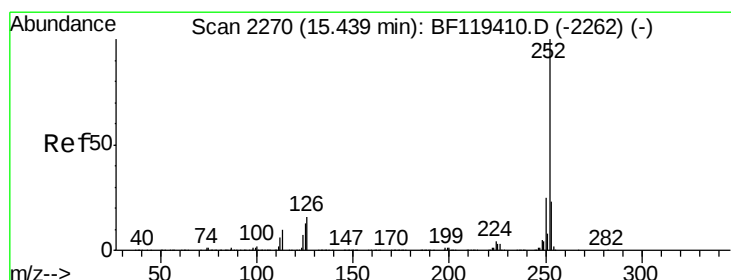
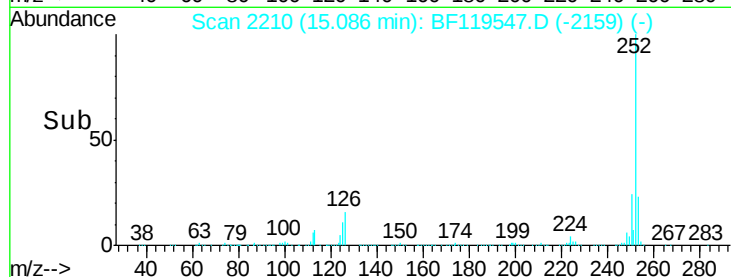
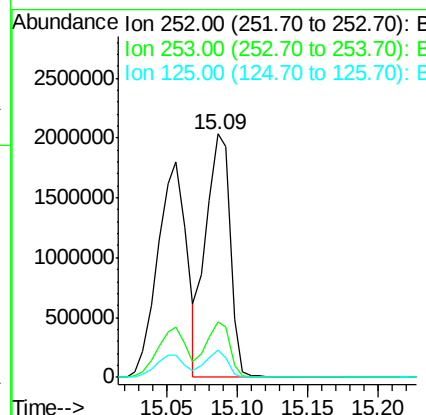
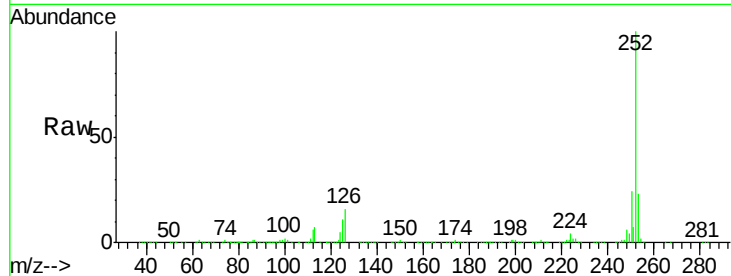
#89
Benzo(k)fluoranthene
Concen: 50.622 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.6	18.2	27.4	
125	11.1	9.0	13.4	

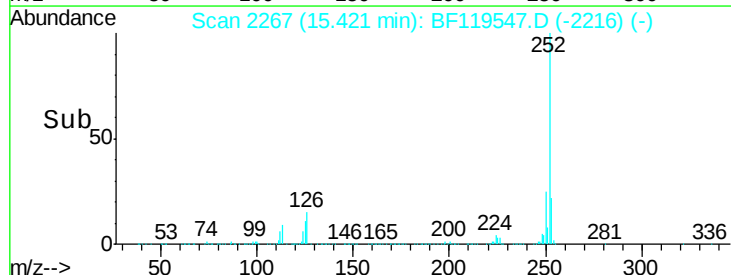
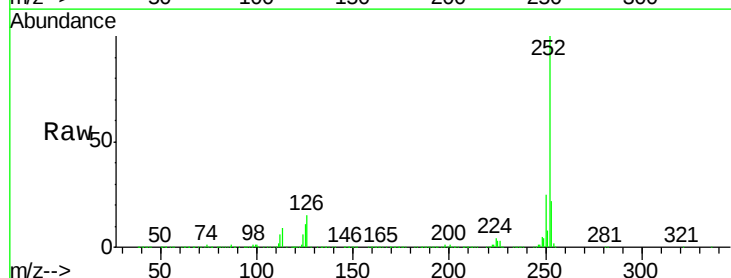
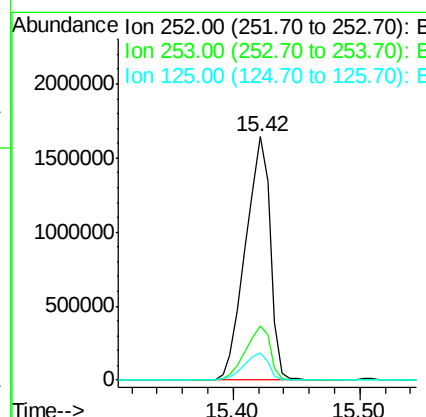
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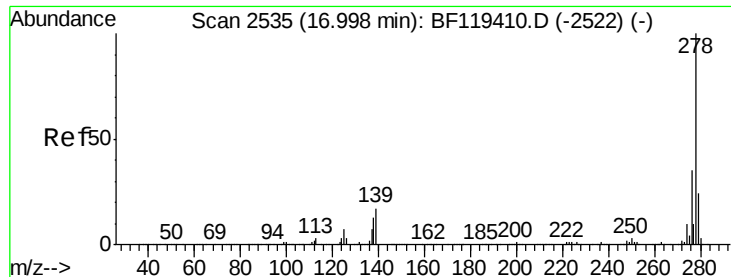
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#90
Benzo(a)pyrene
Concen: 48.811 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.4	18.2	27.4	
125	11.4	10.2	15.2	





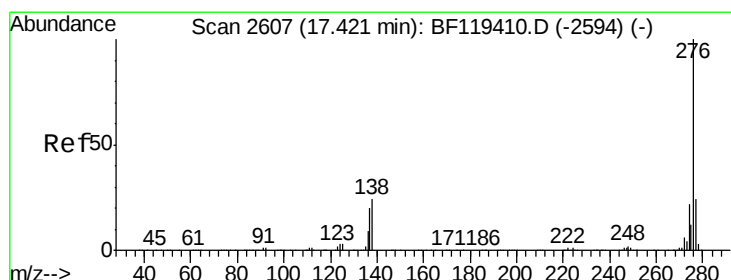
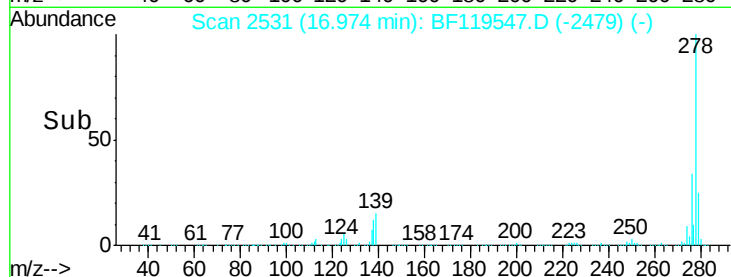
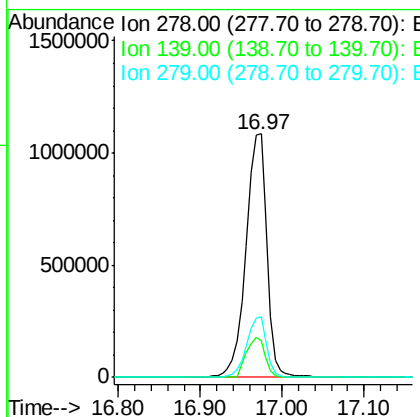
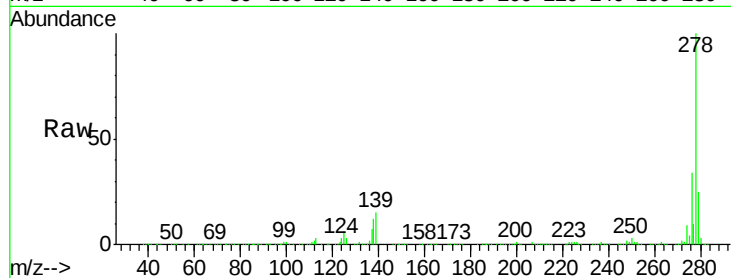
#91
Dibenzo(a,h)anthracene
Concen: 48.736 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	13.7	20.5
279	24.7	19.2	28.8

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#92
Benzo(g,h,i)perylene
Concen: 47.753 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BF119547.D
Acq: 26 Mar 2020 23:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	21.0	19.1	28.7

