

Data File : BF116325.D
Acq On : 16 Aug 2019 18:45
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 17 03:08:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	115284	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	468879	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	245797	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	416656	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	279342	20.00	ng	-0.03
87) Perylene-d12	15.44	264	260259	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	601261	87.31	ng	-0.03
7) Phenol-d6	6.46	99	721043	82.99	ng	-0.02
23) Nitrobenzene-d5	7.39	82	660958	81.37	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	194534	81.63	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1142119	87.03	ng	-0.04
79) Terphenyl-d14	12.92	244	1217795	91.86	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	140543	40.398	ng	100
3) Pyridine	3.30	79	357857	36.823	ng	99
4) n-Nitrosodimethylamine	3.26	42	139397	36.347	ng	99
6) Aniline	6.49	93	489948	39.375	ng	94
8) 2-Chlorophenol	6.61	128	331015	43.468	ng	99
9) Benzaldehyde	6.37	77	221236	36.904	ng	98
10) Phenol	6.47	94	424998	41.538	ng	89
11) bis(2-Chloroethyl)ether	6.55	93	324816	43.180	ng	98
12) 1,3-Dichlorobenzene	6.76	146	367945	41.809	ng	99
13) 1,4-Dichlorobenzene	6.83	146	374362	42.484	ng	99
14) 1,2-Dichlorobenzene	6.99	146	346357	42.687	ng	99
15) Benzyl Alcohol	6.97	79	263645	39.984	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	430916	41.998	ng	86
17) 2-Methylphenol	7.08	107	265184	41.126	ng	98
18) Hexachloroethane	7.33	117	138449	42.674	ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	225163	41.820	ng	98
20) 3+4-Methylphenols	7.23	107	336554	44.107	ng	# 88
22) Acetophenone	7.23	105	437010	42.498	ng	# 97
24) Nitrobenzene	7.40	77	366180	41.750	ng	99
25) Isophorone	7.64	82	646380	41.615	ng	98
26) 2-Nitrophenol	7.72	139	177604	42.958	ng	95
27) 2,4-Dimethylphenol	7.76	122	255855	41.133	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	412677	42.866	ng	100
29) 2,4-Dichlorophenol	7.97	162	281923	42.926	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	311436	41.600	ng	98
31) Naphthalene	8.12	128	953982	43.236	ng	99
32) Benzoic acid	7.91	122	137461	31.345	ng	98
33) 4-Chloroaniline	8.17	127	405918	41.174	ng	99
34) Hexachlorobutadiene	8.23	225	183309	42.509	ng	99
35) Caprolactam	8.55	113	56039	26.382	ng	98
36) 4-Chloro-3-methylphenol	8.66	107	287879	42.134	ng	95
37) 2-Methylnaphthalene	8.81	142	616638	42.435	ng	99
38) 1-Methylnaphthalene	8.91	142	581694	42.314	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	283958	43.213	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	92088	34.828	ng	100
43) 2,4,6-Trichlorophenol	9.10	196	173957	38.460	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	175459	37.528	ng	98
46) 1,1'-Biphenyl	9.27	154	756985	43.622	ng	97
47) 2-Chloronaphthalene	9.30	162	608861	42.156	ng	100
48) 2-Nitroaniline	9.40	65	196781	41.220	ng	98
49) Acenaphthylene	9.72	152	906368	43.015	ng	99
50) Dimethylphthalate	9.57	163	692588	41.383	ng	100
51) 2,6-Dinitrotoluene	9.64	165	151943	41.777	ng #	86
52) Acenaphthene	9.89	154	551234	42.643	ng	99
53) 3-Nitroaniline	9.82	138	176512	39.277	ng	98
54) 2,4-Dinitrophenol	9.95	184	51245	32.810	ng	95
55) Dibenzofuran	10.06	168	779961	41.490	ng	99
56) 4-Nitrophenol	9.99	139	108888	37.823	ng	99
57) 2,4-Dinitrotoluene	10.05	165	190932	39.429	ng #	89
58) Fluorene	10.40	166	641145	44.329	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	148371	37.720	ng	96
60) Diethylphthalate	10.27	149	664366	42.519	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	327053	44.649	ng	99
62) 4-Nitroaniline	10.43	138	161635	34.803	ng	99
63) Azobenzene	10.55	77	694343	43.203	ng	96
65) 4,6-Dinitro-2-methylphenol	10.47	198	81669	36.988	ng	87
66) n-Nitrosodiphenylamine	10.51	169	549303	43.801	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	197379	44.252	ng	96
68) Hexachlorobenzene	10.96	284	222443	43.129	ng	94
69) Atrazine	11.03	200	167582	40.619	ng	99
70) Pentachlorophenol	11.16	266	89373	35.692	ng	98
71) Phenanthrene	11.36	178	921983	43.285	ng	100
72) Anthracene	11.42	178	941034	43.653	ng	99
73) Carbazole	11.57	167	853339	43.632	ng	99
74) Di-n-butylphthalate	11.89	149	1033656	45.307	ng	99
75) Fluoranthene	12.55	202	942192	42.252	ng	98
77) Benzidine	12.67	184	336833	35.691	ng	97
78) Pyrene	12.78	202	947226	44.983	ng	99
80) Butylbenzylphthalate	13.39	149	404021	45.358	ng	98
81) Benzo(a)anthracene	13.97	228	759483	42.537	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	251117	40.483	ng	99
83) Chrysene	14.00	228	745556	43.011	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	545893	47.162	ng	99
85) Di-n-octyl phthalate	14.54	149	843448	45.876	ng	100
86) Indeno(1,2,3-cd)pyrene	16.90	276	631324	43.364	ng	100
88) Benzo(b)fluoranthene	15.02	252	611417	40.630	ng	100
89) Benzo(k)fluoranthene	15.04	252	635626	43.366	ng	98
90) Benzo(a)pyrene	15.38	252	567249	42.168	ng	99
91) Dibenzo(a,h)anthracene	16.90	278	523113	44.924	ng	98
92) Benzo(g,h,i)perylene	17.34	276	506897	44.325	ng	98

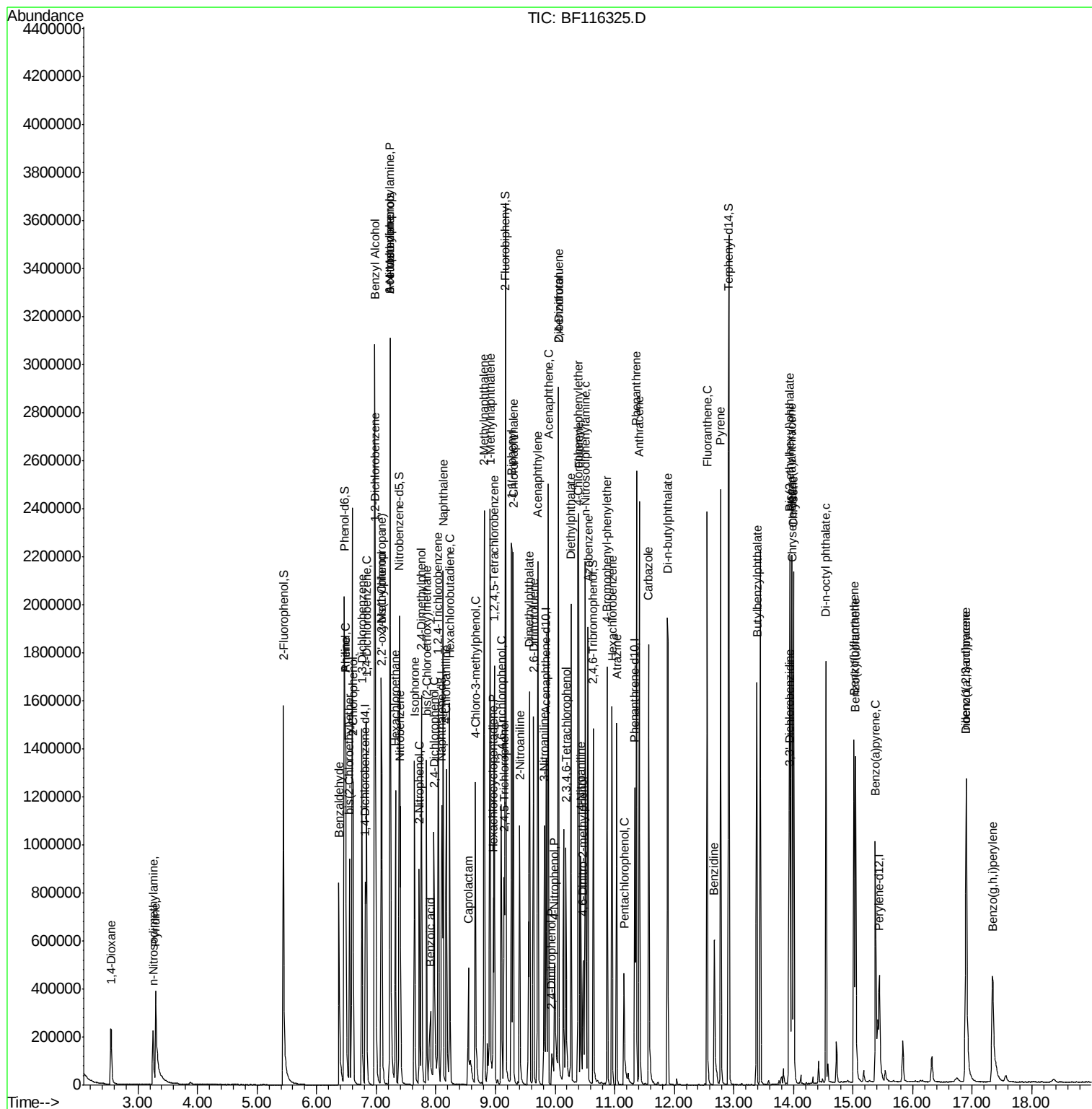
(#) = qualifier out of range (m) = manual integration (+) = signals summed

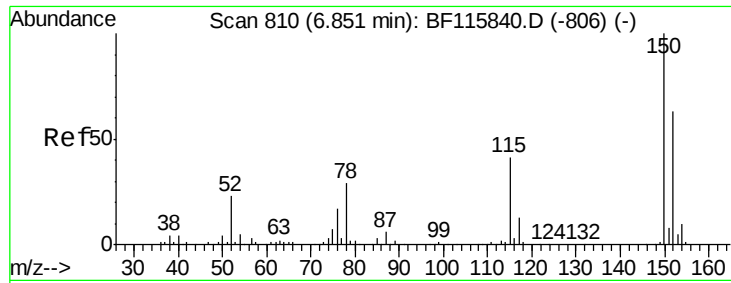
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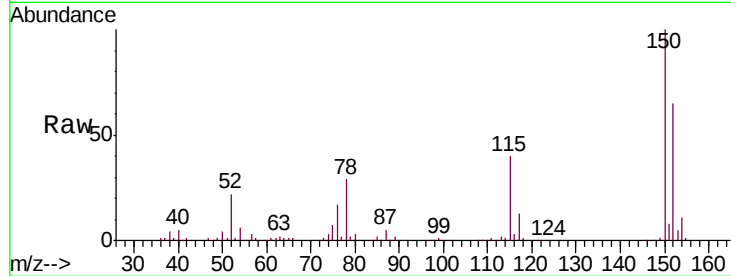


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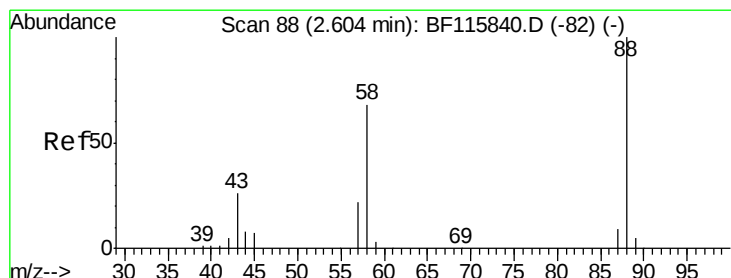
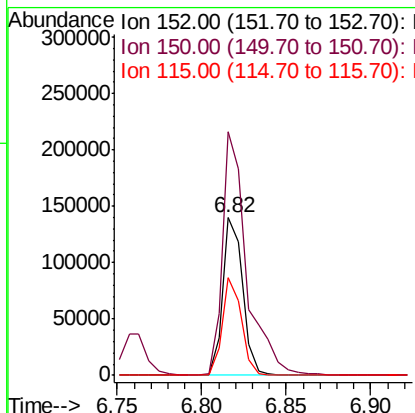
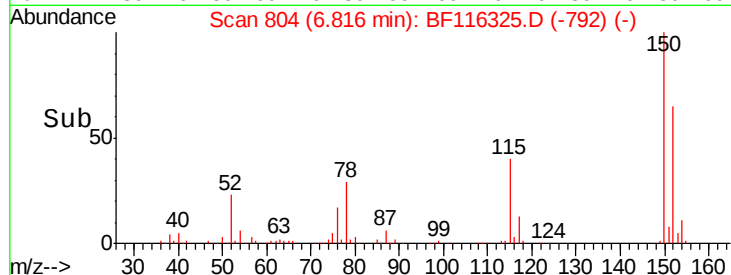
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 152 Resp: 115284
Ion Ratio Lower Upper
152 100
150 154.8 126.2 189.2
115 61.9 49.9 74.9



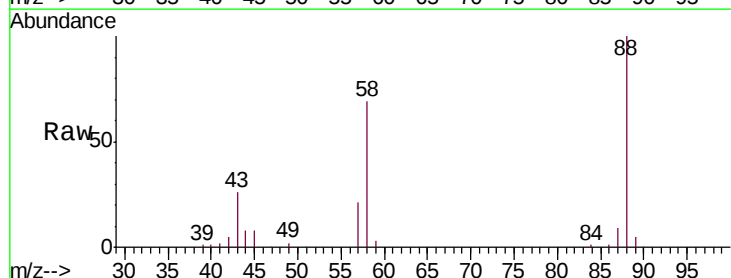
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



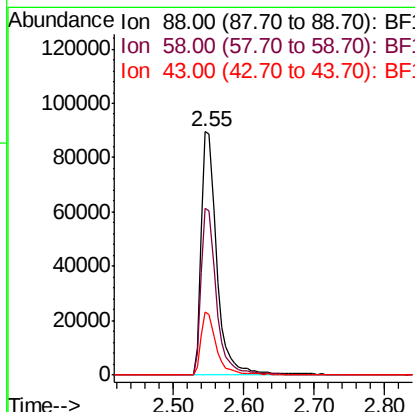
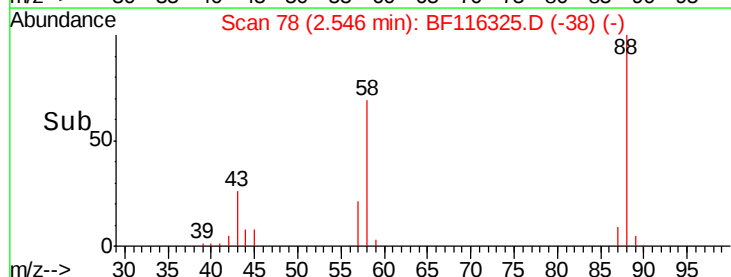
#2

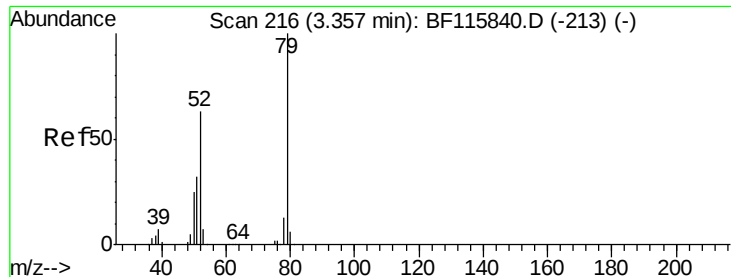
1,4-Dioxane
Concen: 40.398 ng
RT: 2.55 min Scan# 78
Delta R.T. -0.06 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion: 88 Resp: 140543
Ion Ratio Lower Upper
88 100
58 67.0 53.7 80.5
43 25.6 21.0 31.4



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





#3

Pyridine

Concen: 36.823 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.06 min

Lab File: BF116325.D

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Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

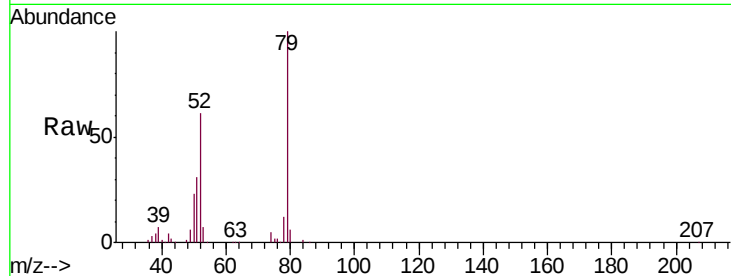
Tgt Ion: 79 Resp: 357857

Ion Ratio Lower Upper

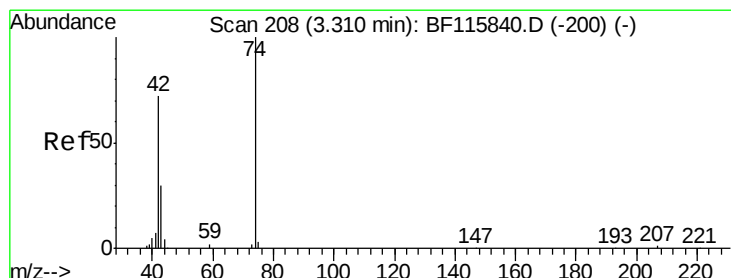
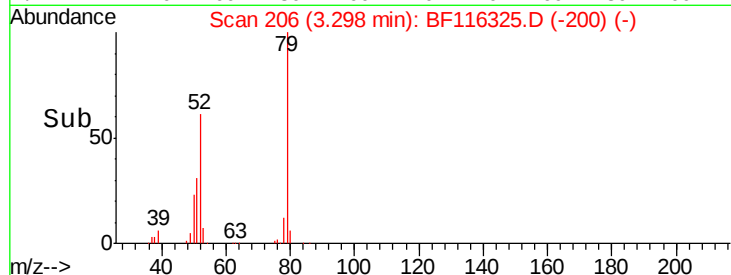
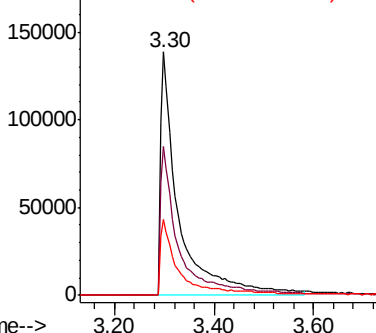
79 100

52 61.0 49.8 74.8

51 31.1 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.347 ng

RT: 3.26 min Scan# 199

Delta R.T. -0.08 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

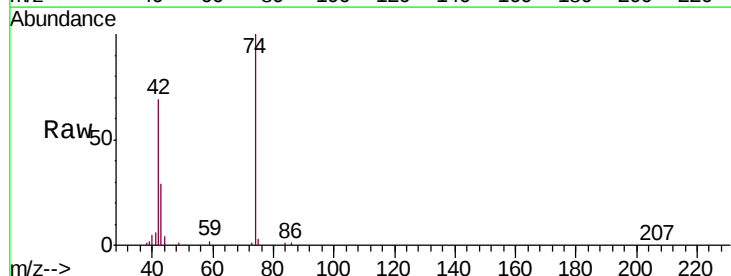
Tgt Ion: 42 Resp: 139397

Ion Ratio Lower Upper

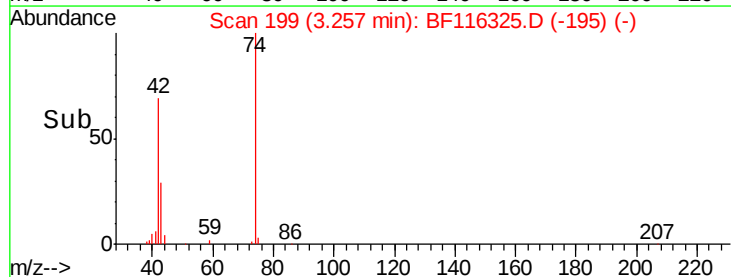
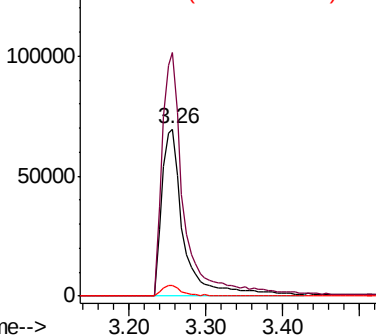
42 100

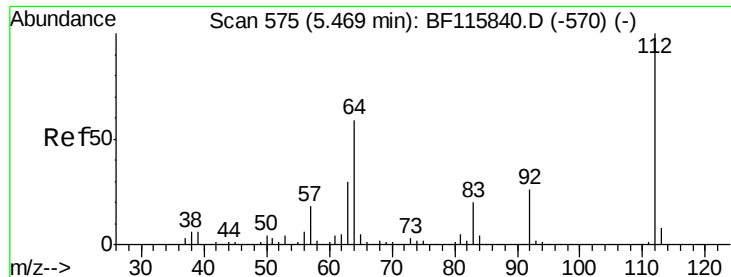
74 145.6 116.0 174.0

44 6.4 4.6 7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 87.310 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.03 min

Lab File: BF116325.D

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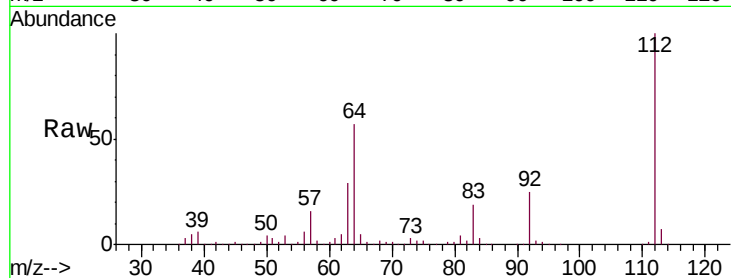
Tgt Ion: 112 Resp: 601261

Ion Ratio Lower Upper

112 100

64 57.0 45.4 68.2

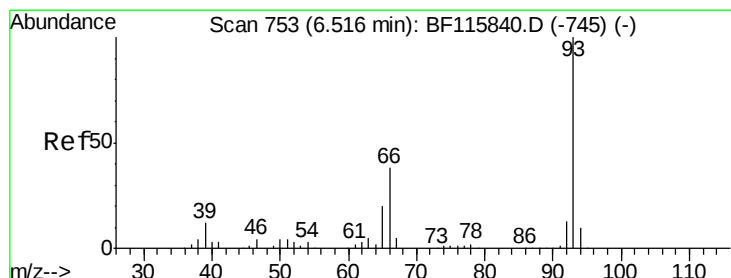
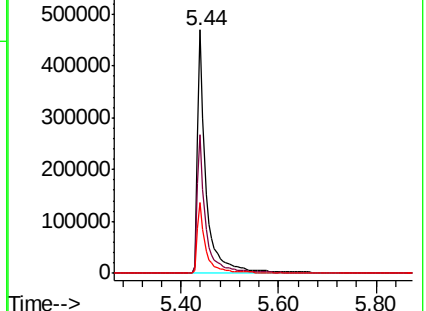
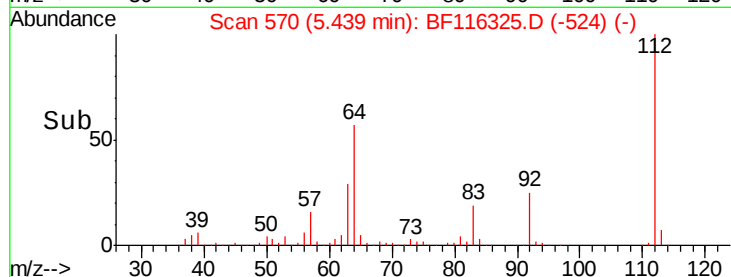
63 29.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.375 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.03 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

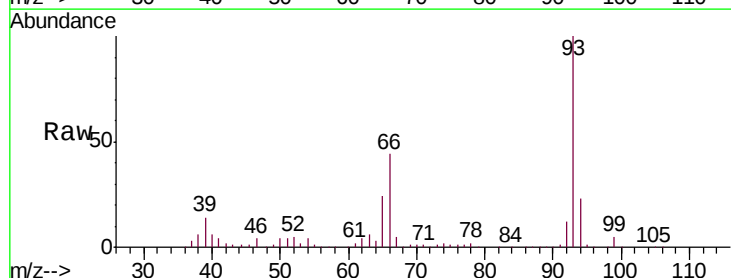
Tgt Ion: 93 Resp: 489948

Ion Ratio Lower Upper

93 100

66 43.8 32.2 48.4

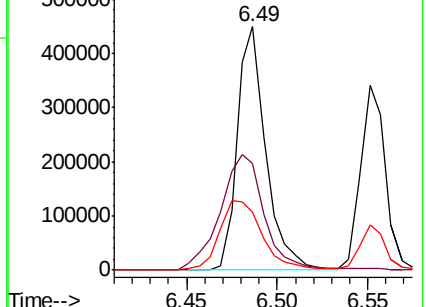
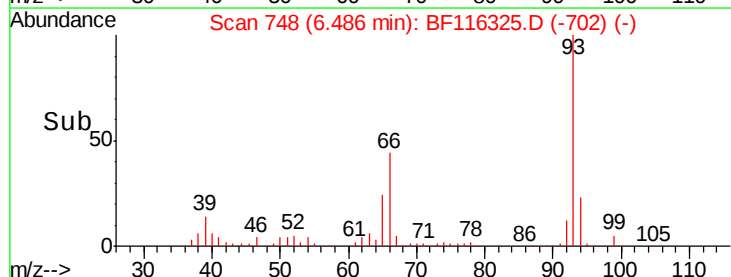
65 23.8 17.0 25.6

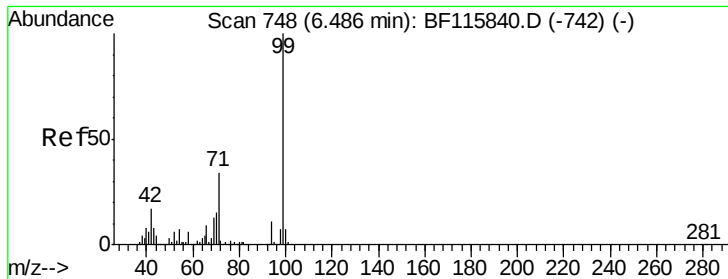


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.988 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

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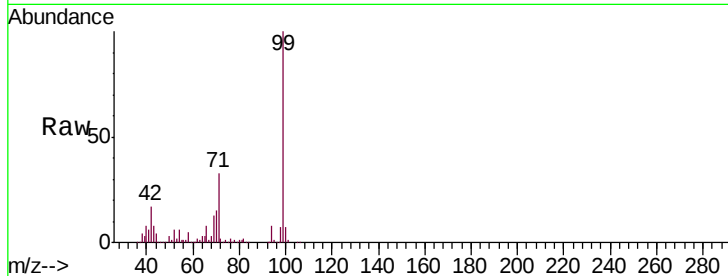
Tgt Ion: 99 Resp: 721043

Ion Ratio Lower Upper

99 100

42 16.5 13.8 20.8

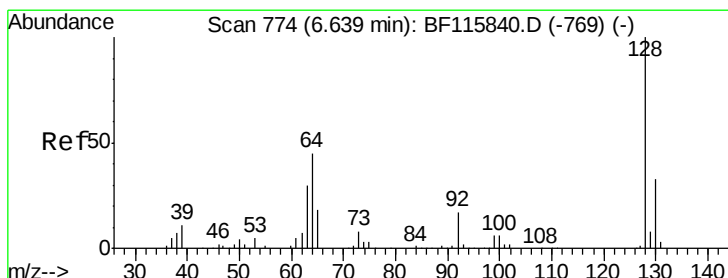
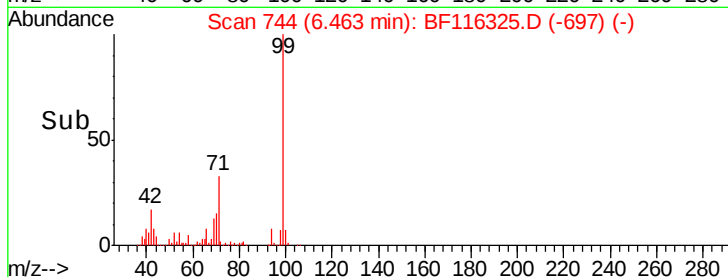
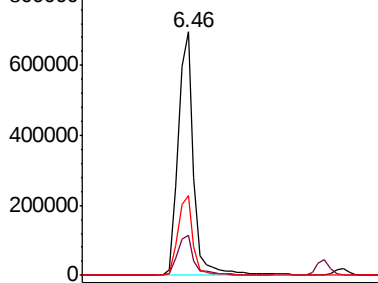
71 32.7 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.468 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.03 min

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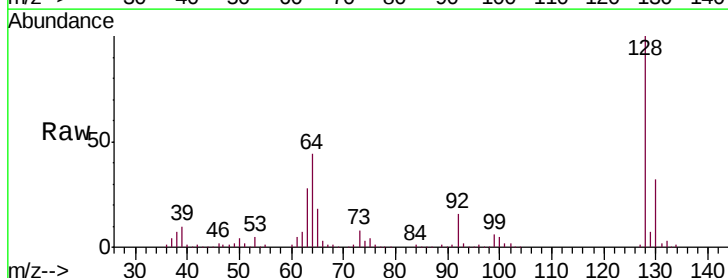
Tgt Ion: 128 Resp: 331015

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

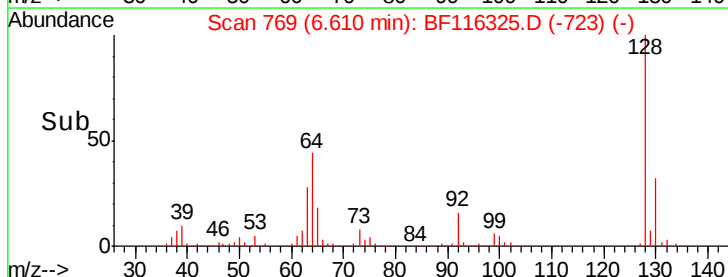
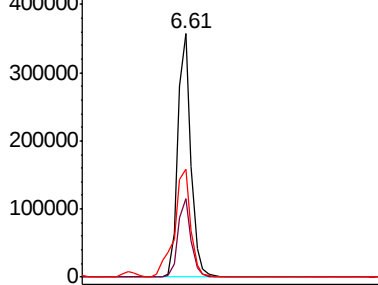
64 44.3 24.3 64.3

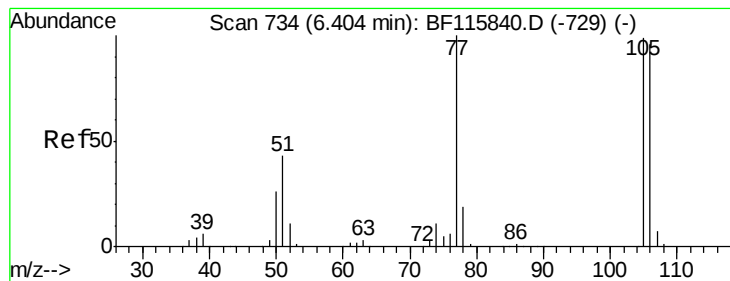


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.904 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

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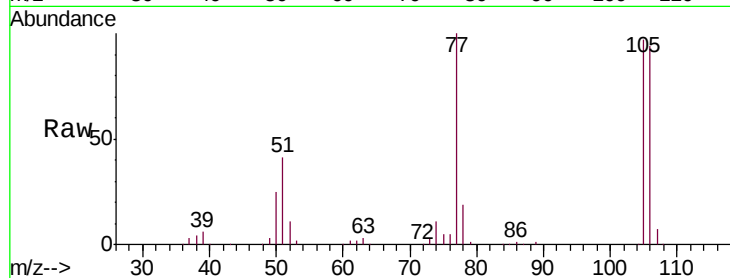
Tgt Ion: 77 Resp: 221236

Ion Ratio Lower Upper

77 100

105 96.7 79.2 119.2

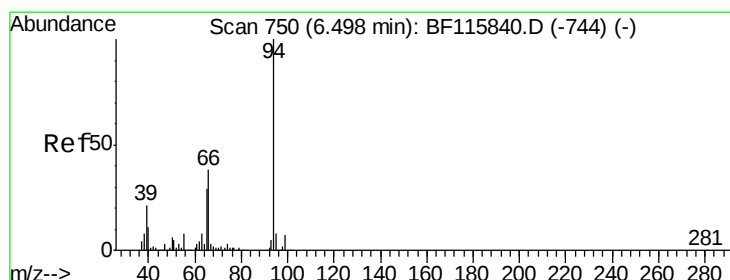
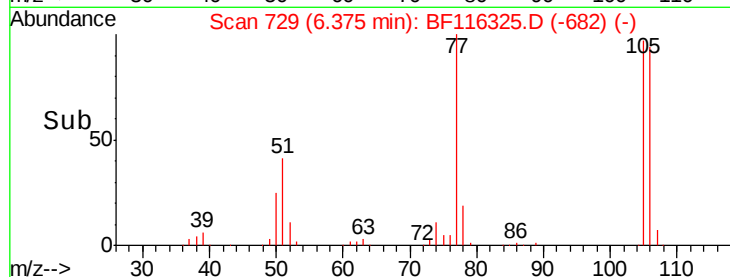
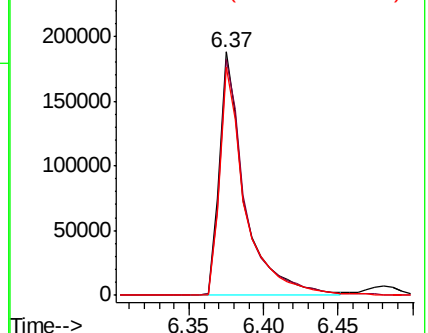
106 93.6 74.3 114.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.538 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.03 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

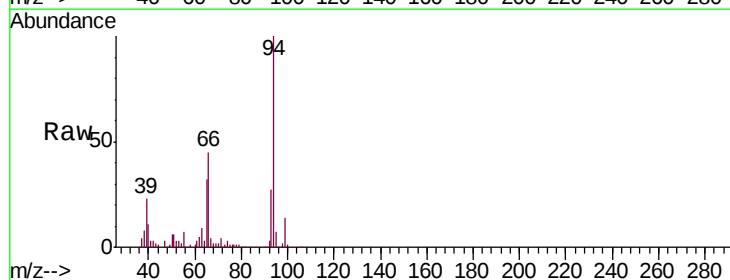
Tgt Ion: 94 Resp: 424998

Ion Ratio Lower Upper

94 100

65 31.8 16.8 56.8

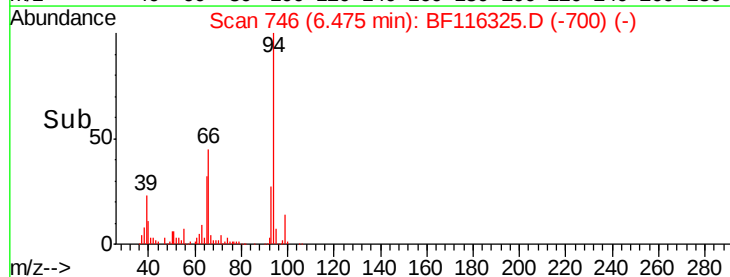
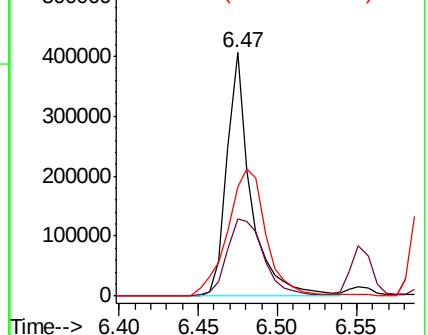
66 45.0 34.2 74.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

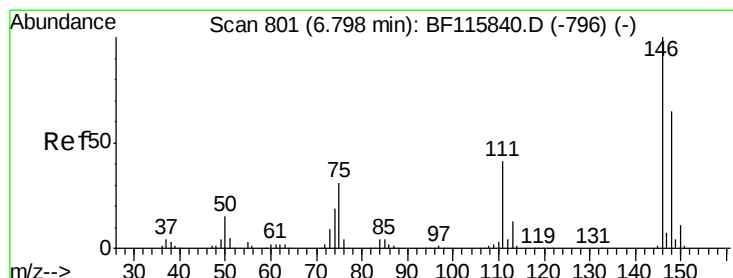
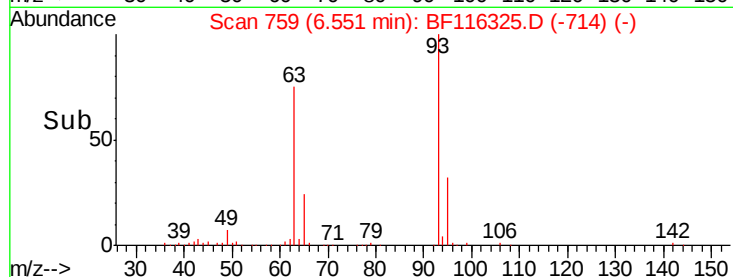
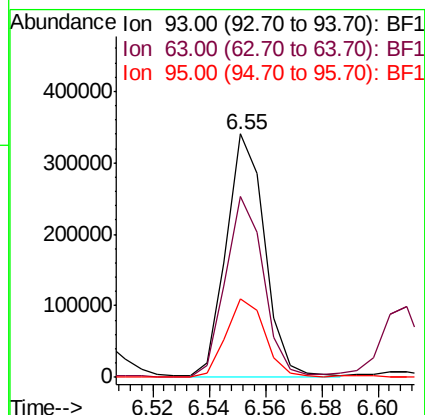
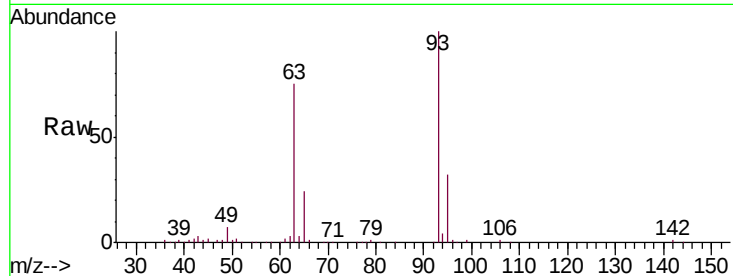




#11
 bis(2-Chloroethyl)ether
 Concen: 43.180 ng
 RT: 6.55 min Scan# 759
 Delta R.T. -0.04 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

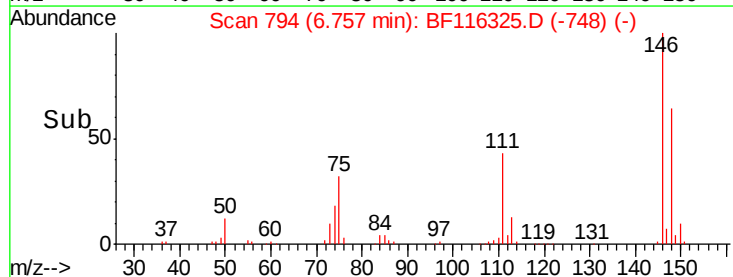
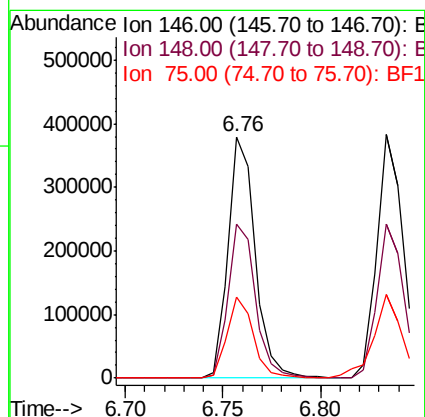
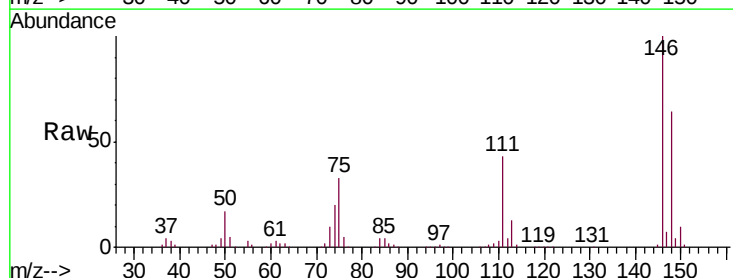
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

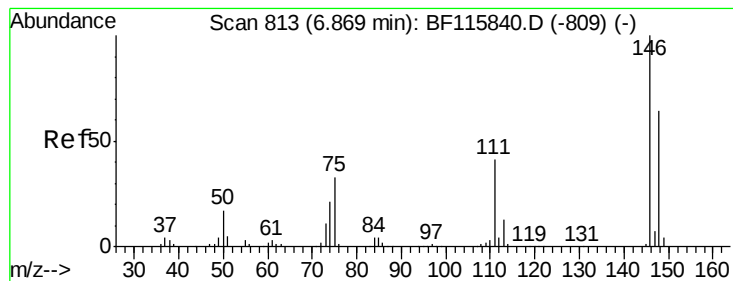
Tgt Ion: 93 Resp: 324816
 Ion Ratio Lower Upper
 93 100
 63 74.5 51.9 91.9
 95 32.5 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 41.809 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.03 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Tgt Ion: 146 Resp: 367945
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.3 76.9
 75 33.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 42.484 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.03 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

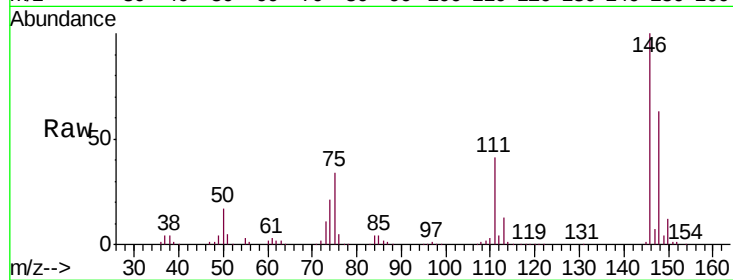
Tgt Ion:146 Resp: 374362

Ion Ratio Lower Upper

146 100

148 63.5 51.3 76.9

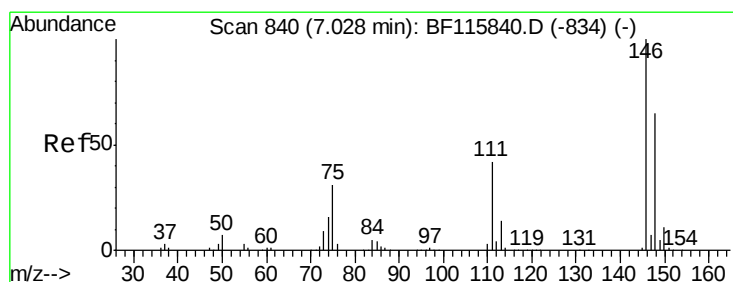
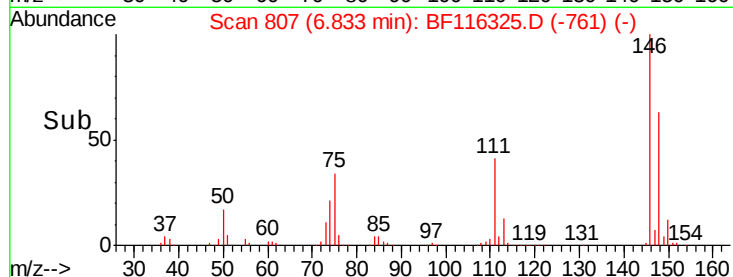
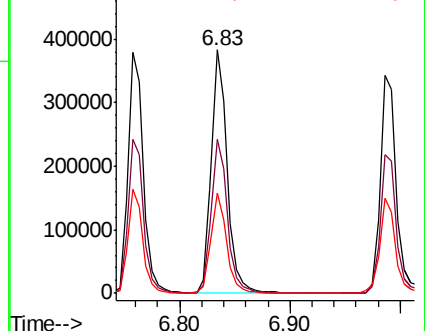
111 41.1 34.0 51.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.687 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.04 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

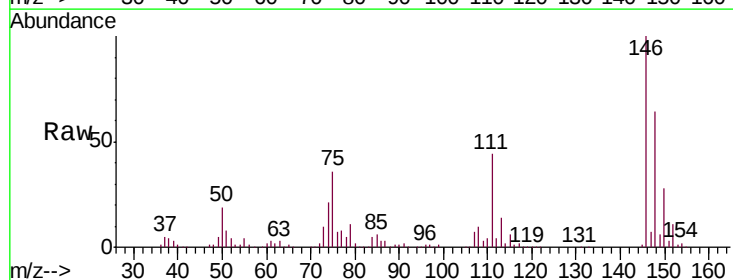
Tgt Ion:146 Resp: 346357

Ion Ratio Lower Upper

146 100

148 63.9 51.2 76.8

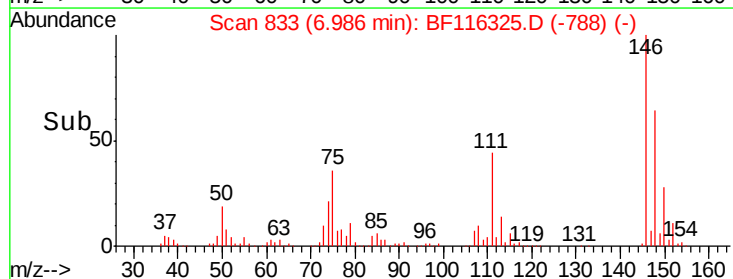
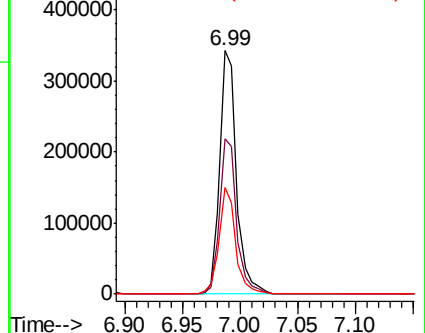
111 43.7 33.5 50.3

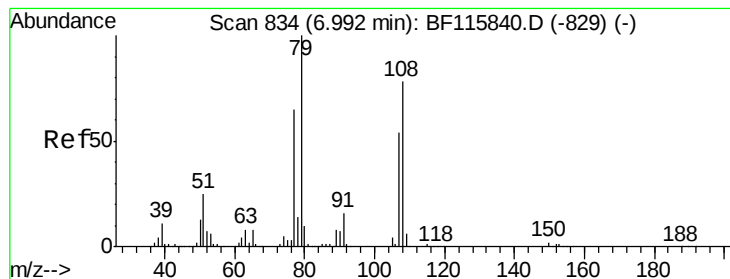


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.984 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

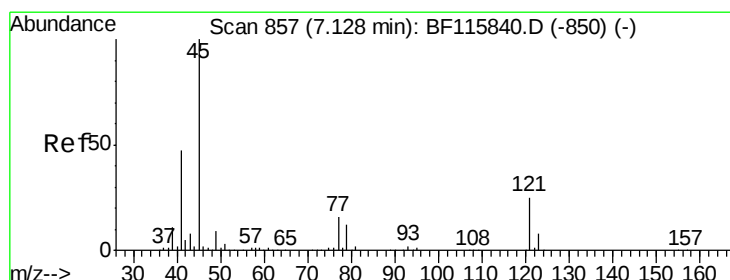
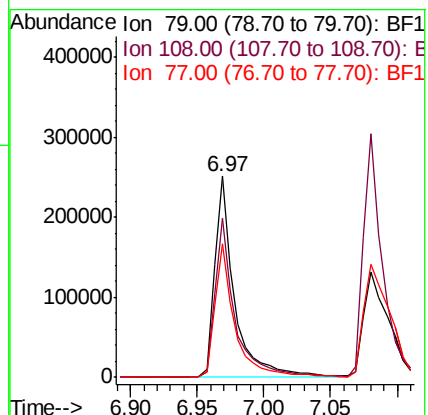
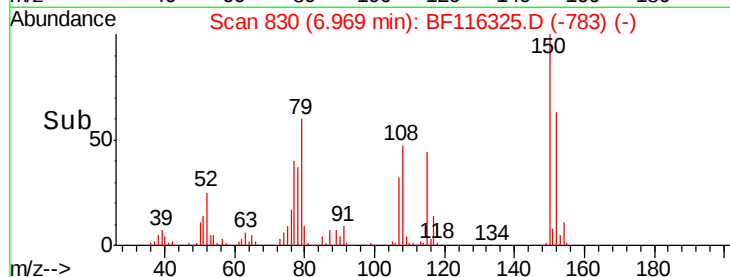
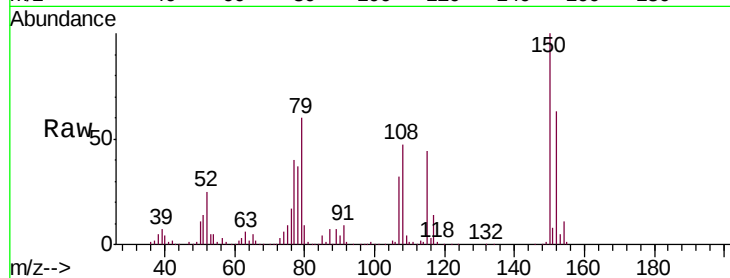
Tgt Ion: 79 Resp: 263645

Ion Ratio Lower Upper

79 100

108 79.0 62.7 94.1

77 66.3 52.2 78.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.998 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.03 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

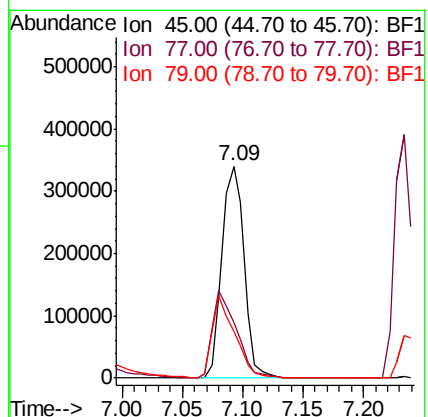
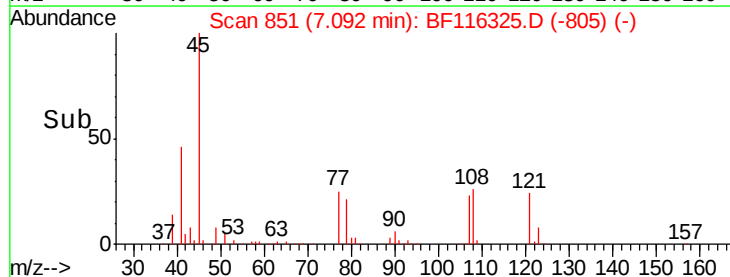
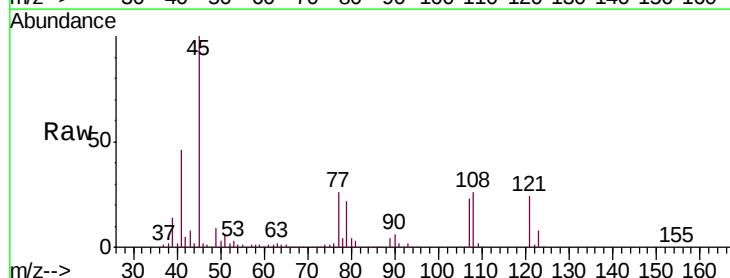
Tgt Ion: 45 Resp: 430916

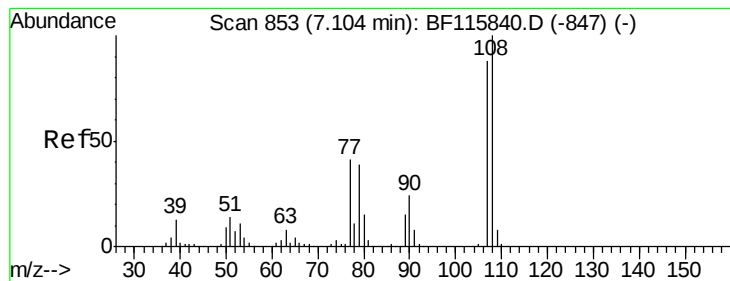
Ion Ratio Lower Upper

45 100

77 26.0 0.0 40.0

79 22.2 0.0 35.9





#17

2-Methylphenol

Concen: 41.126 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 265184

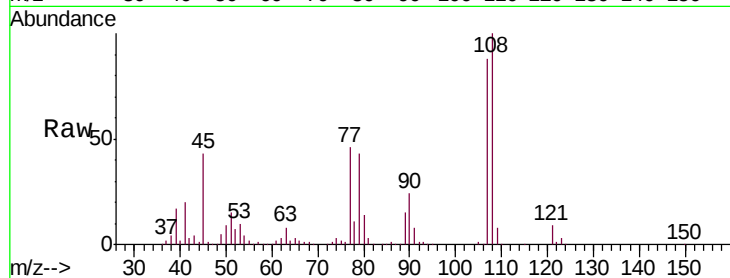
Ion Ratio Lower Upper

107 100

108 113.4 91.2 136.8

77 52.6 40.3 60.5

79 49.0 37.6 56.4

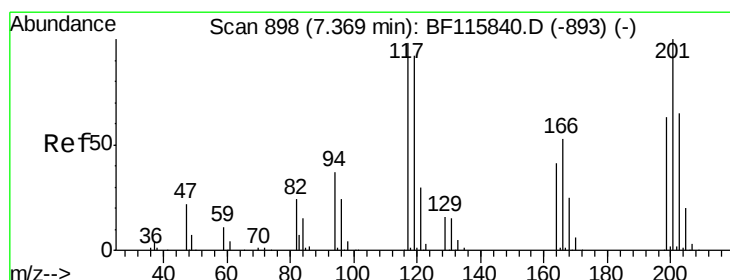
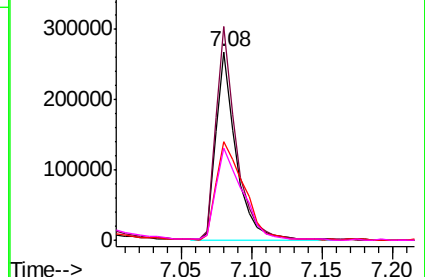
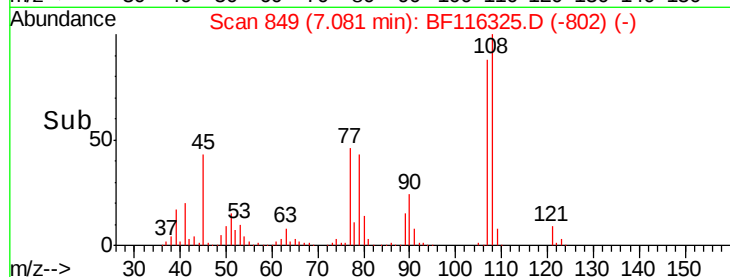


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 42.674 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.03 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

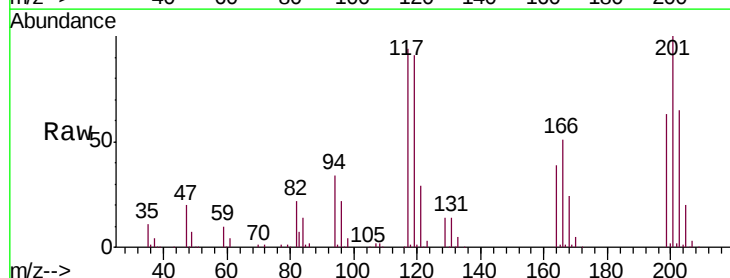
Tgt Ion:117 Resp: 138449

Ion Ratio Lower Upper

117 100

119 96.7 76.1 114.1

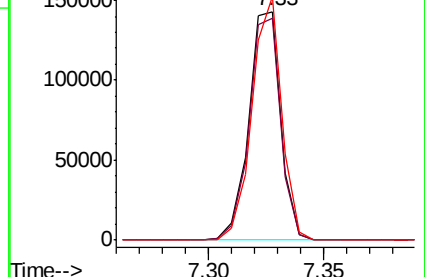
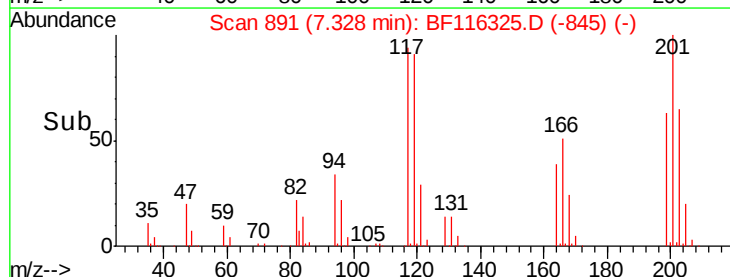
201 106.4 77.0 115.4



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

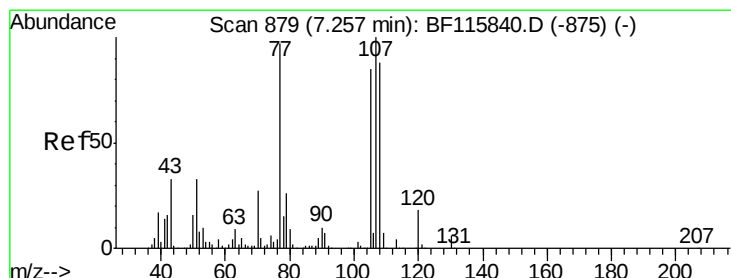
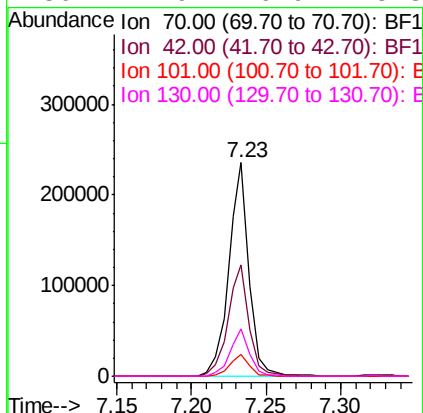
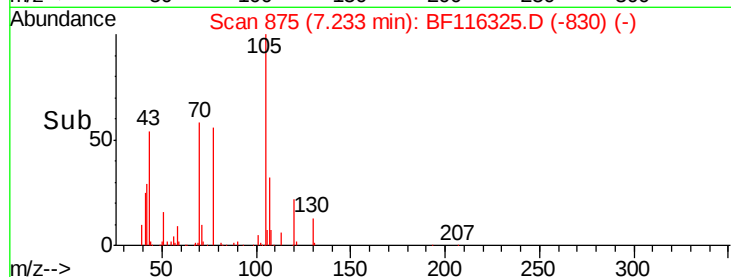
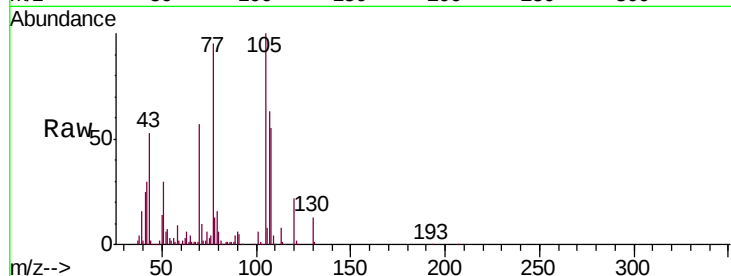




#19
n-Nitroso-di-n-propylamine
Concen: 41.820 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.04 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

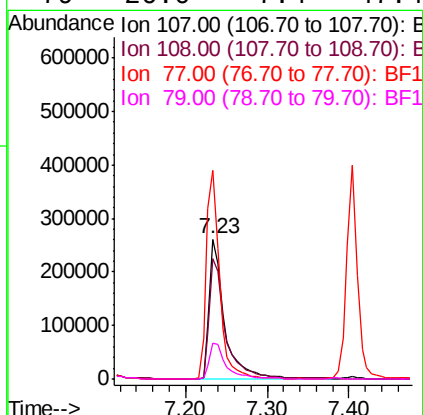
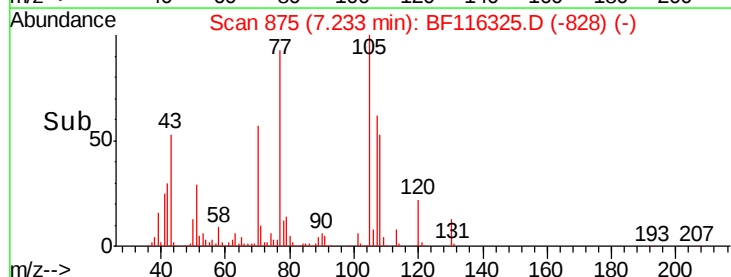
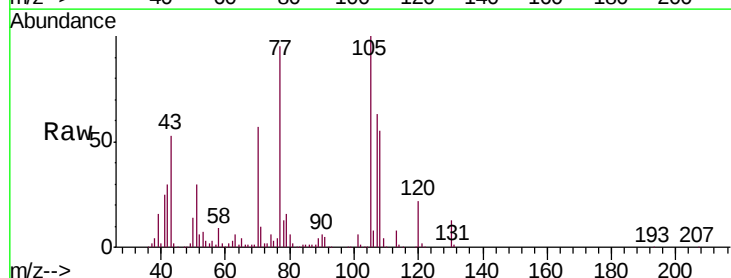
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	70	Resp:	225163
Ion	Ratio	Lower	Upper
70	100		
42	52.3	40.9	61.3
101	10.0	7.9	11.9
130	21.9	16.9	25.3



#20
3+4-Methylphenols
Concen: 44.107 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion:	107	Resp:	336554
Ion	Ratio	Lower	Upper
107	100		
108	86.1	67.6	107.6
77	149.6	104.4	144.4
79	26.0	7.4	47.4

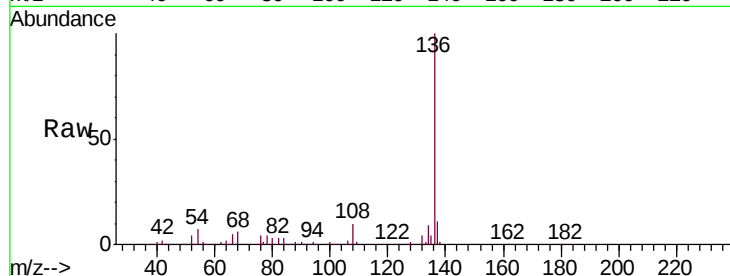




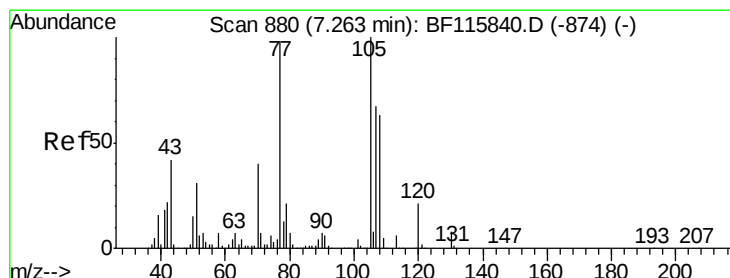
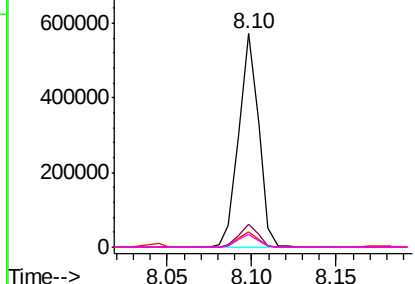
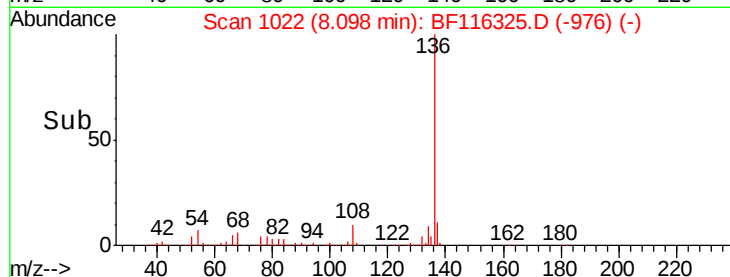
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	468879
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	7.3	5.8	8.6
68	6.2	5.2	7.8

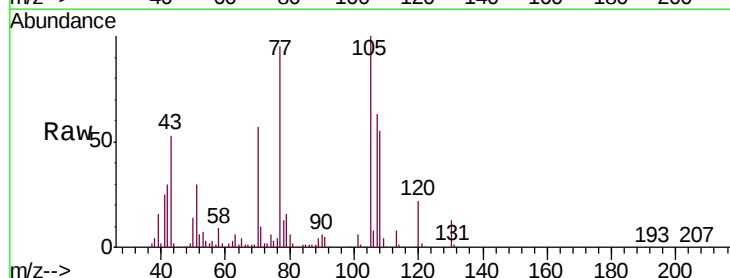


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

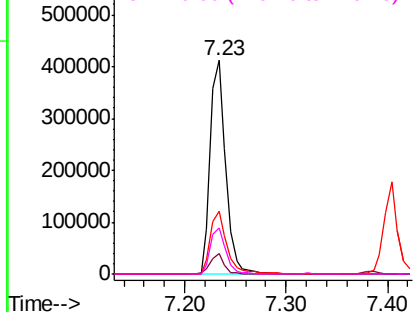
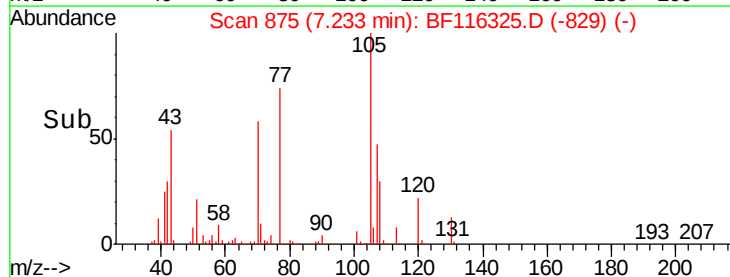


#22
Acetophenone
Concen: 42.498 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion:	105	Resp:	437010
Ion	Ratio	Lower	Upper
105	100		
71	9.7	5.9	8.9#
51	29.5	25.3	37.9
120	21.6	17.9	26.9



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

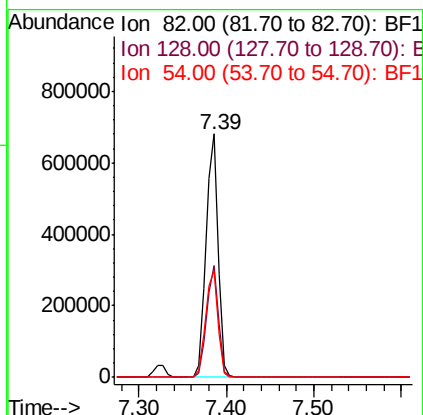
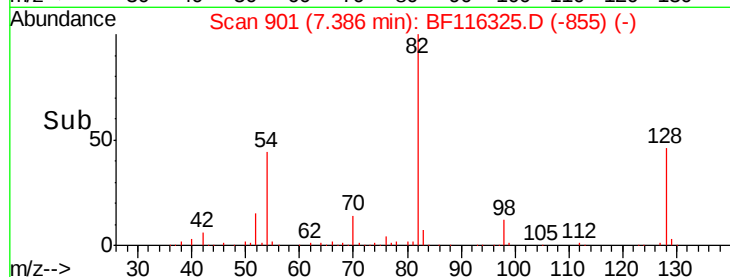
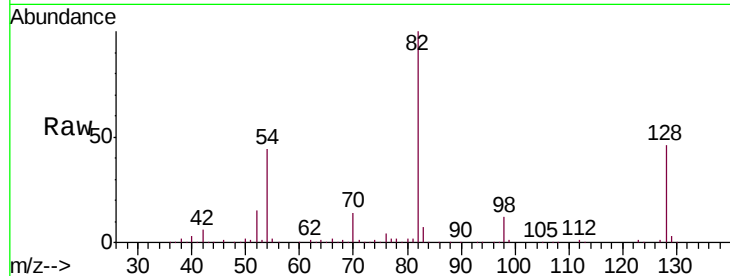




#23
Nitrobenzene-d5
Concen: 81.370 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

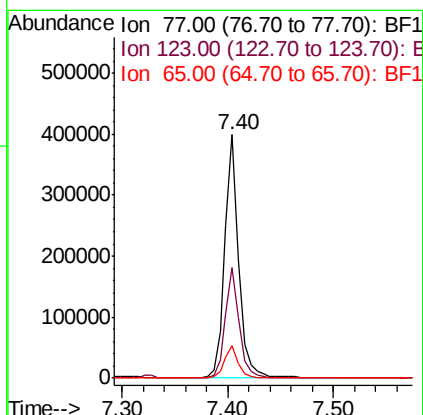
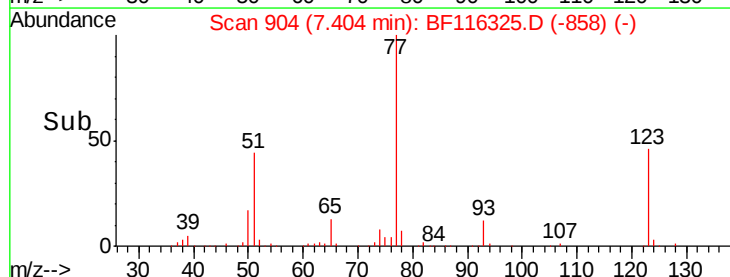
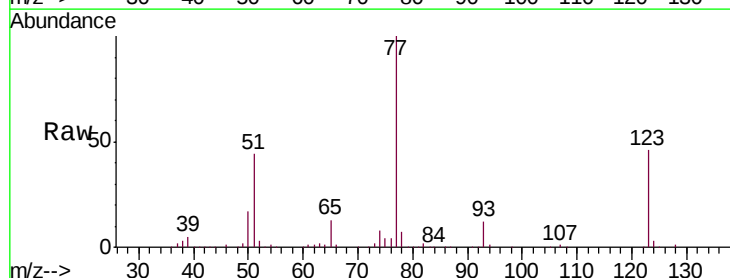
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 660958
Ion Ratio Lower Upper
82 100
128 46.1 36.5 54.7
54 43.9 36.0 54.0



#24
Nitrobenzene
Concen: 41.750 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion: 77 Resp: 366180
Ion Ratio Lower Upper
77 100
123 45.5 36.7 55.1
65 13.2 10.6 16.0

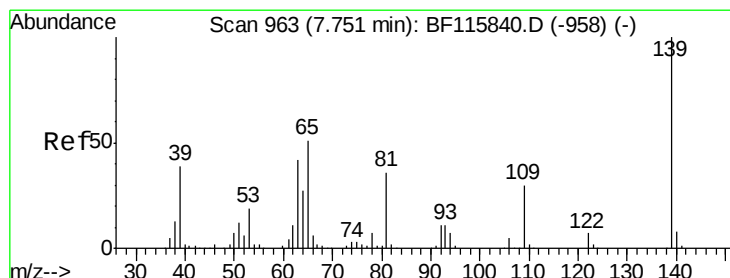
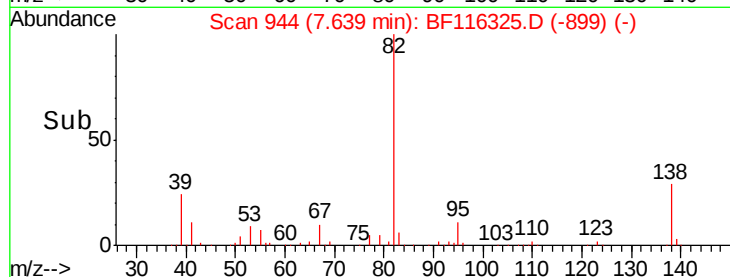
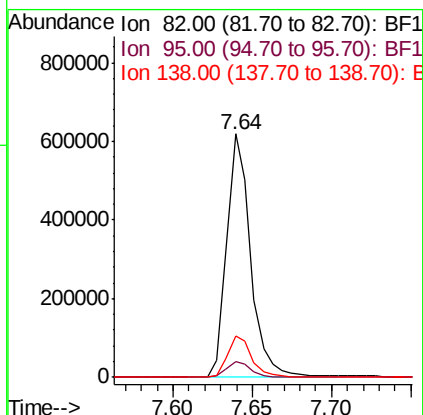
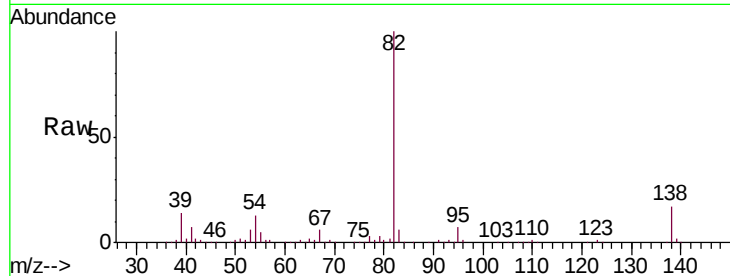




#25
Isophorone
Concen: 41.615 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.04 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

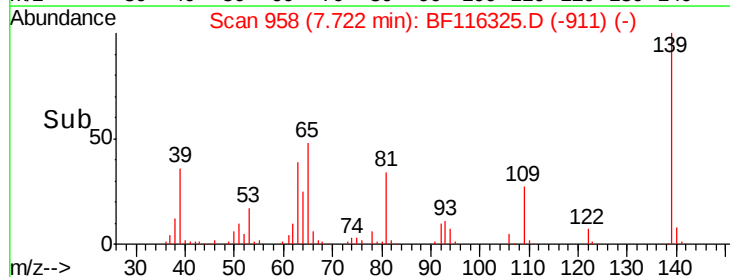
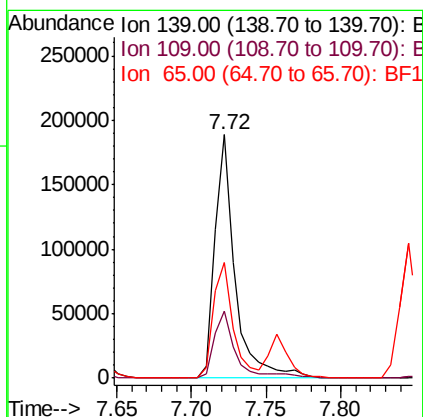
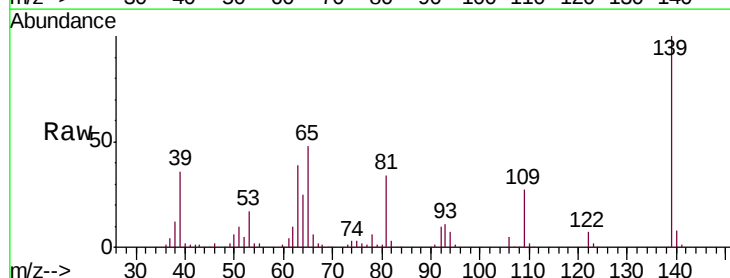
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

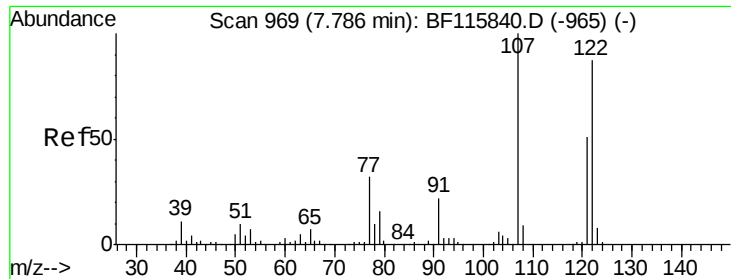
Tgt Ion: 82 Resp: 646380
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 17.1 14.5 21.7



#26
2-Nitrophenol
Concen: 42.958 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion: 139 Resp: 177604
Ion Ratio Lower Upper
139 100
109 27.4 23.4 35.2
65 47.7 41.1 61.7

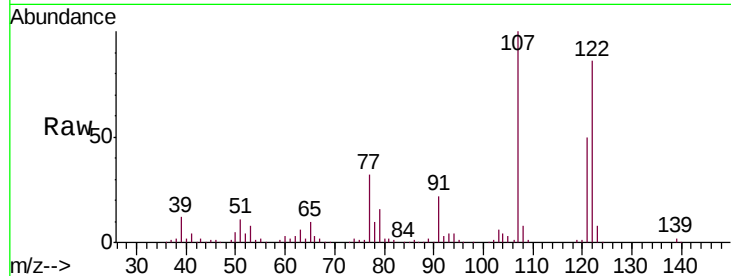




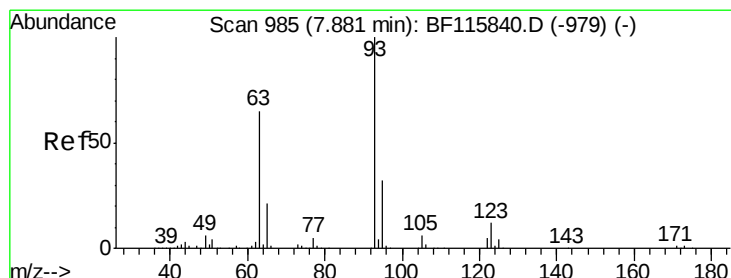
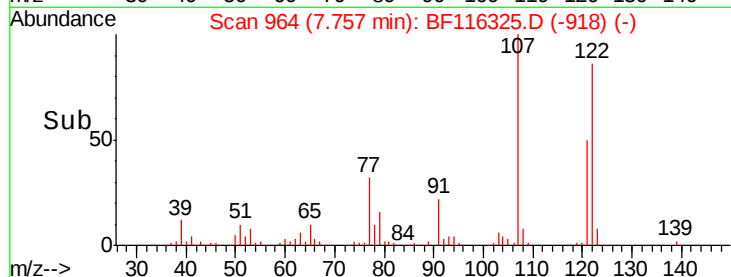
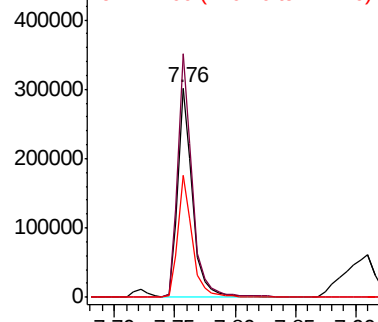
#27
2,4-Dimethylphenol
Concen: 41.133 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 255855
Ion Ratio Lower Upper
122 100
107 116.2 93.0 139.6
121 58.2 47.6 71.4

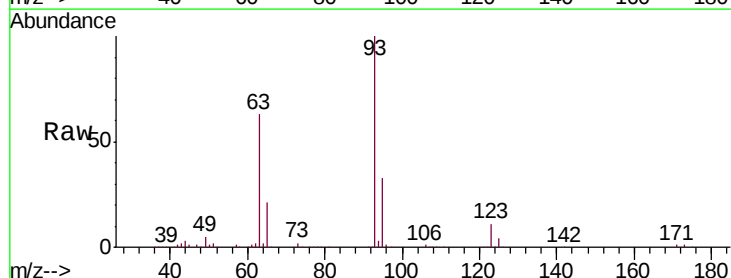


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

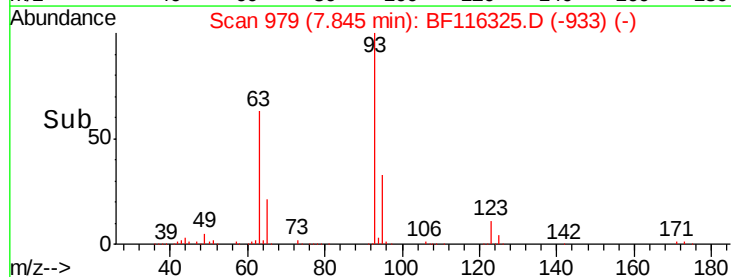
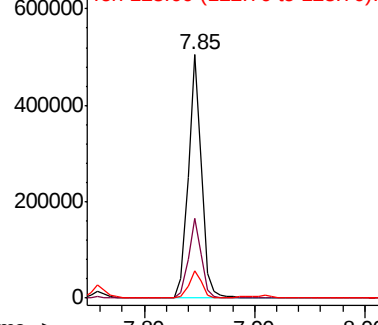


#28
bis(2-Chloroethoxy)methane
Concen: 42.866 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion: 93 Resp: 412677
Ion Ratio Lower Upper
93 100
95 32.9 26.2 39.4
123 11.3 9.2 13.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

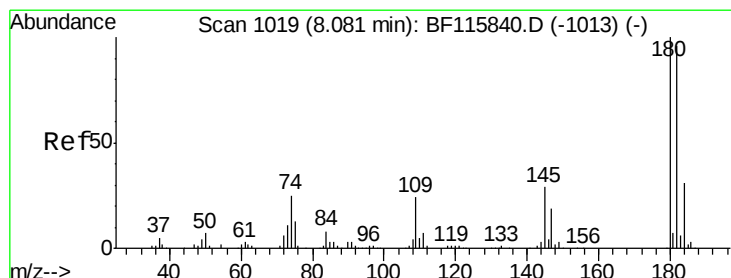
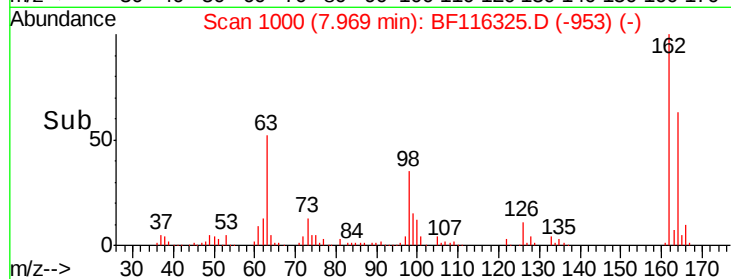
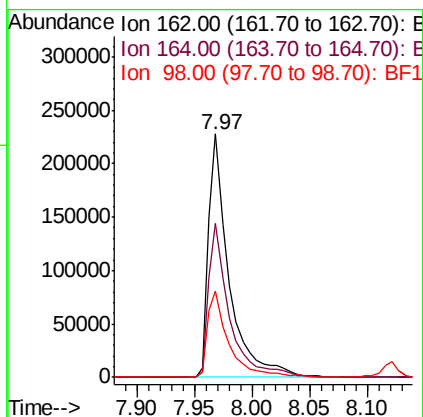
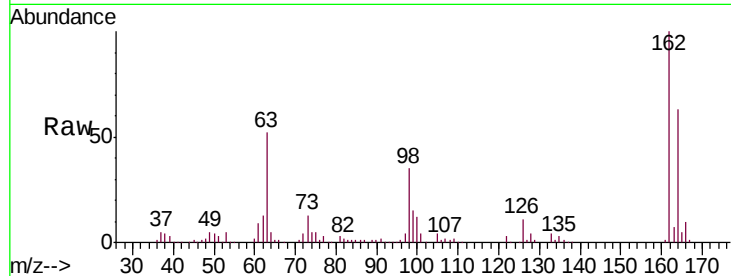




#29
2,4-Dichlorophenol
Concen: 42.926 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

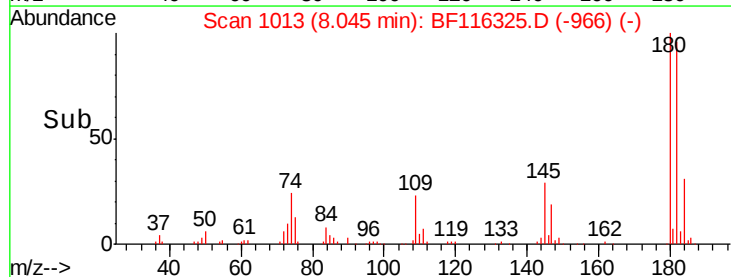
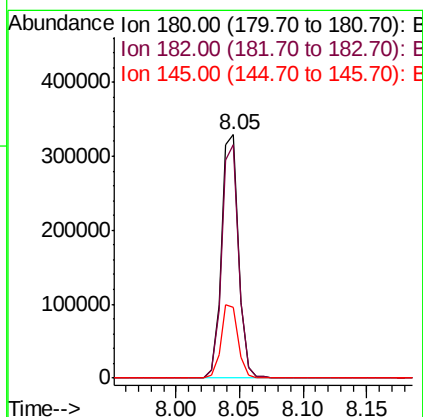
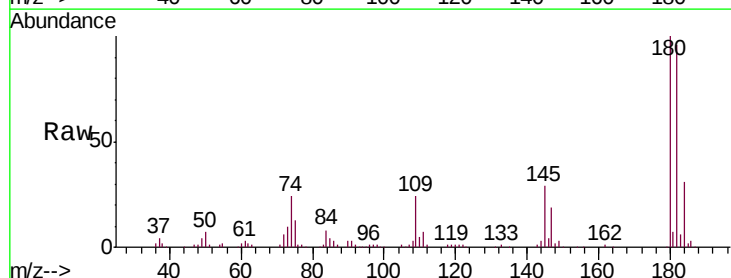
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

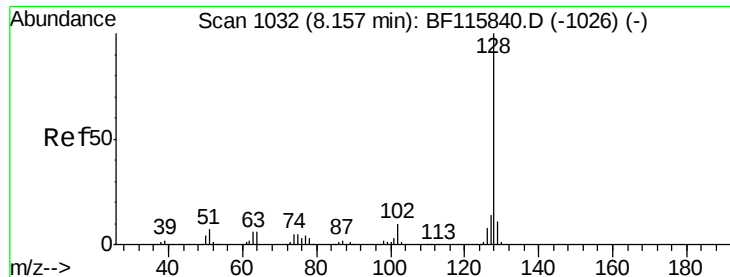
Tgt Ion:162 Resp: 281923
Ion Ratio Lower Upper
162 100
164 63.0 45.1 85.1
98 35.2 15.8 55.8



#30
1,2,4-Trichlorobenzene
Concen: 41.600 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion:180 Resp: 311436
Ion Ratio Lower Upper
180 100
182 96.0 75.7 113.5
145 29.0 24.3 36.5

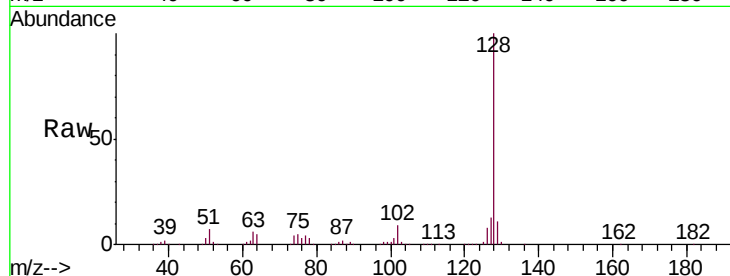




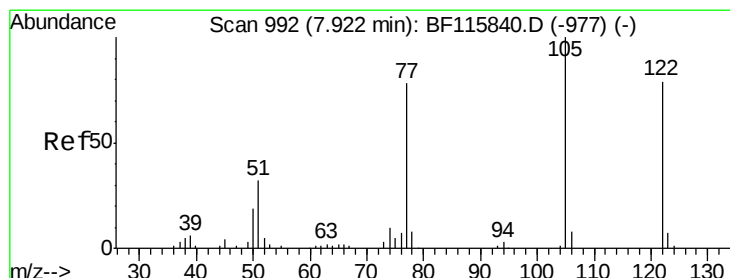
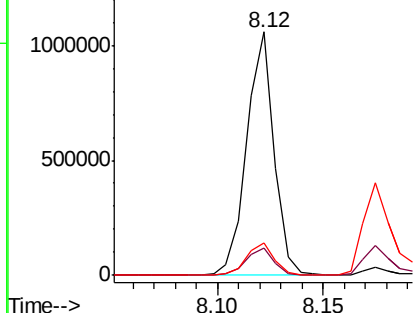
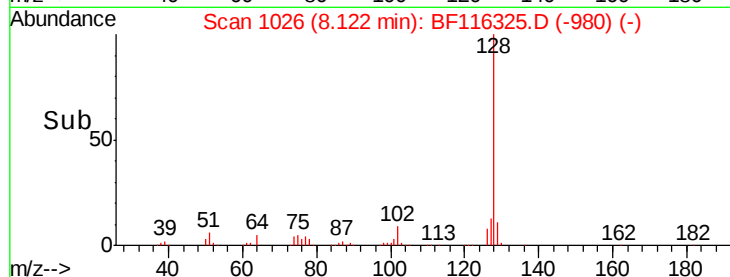
#31
Naphthalene
Concen: 43.236 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 953982
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.5 11.4 17.0

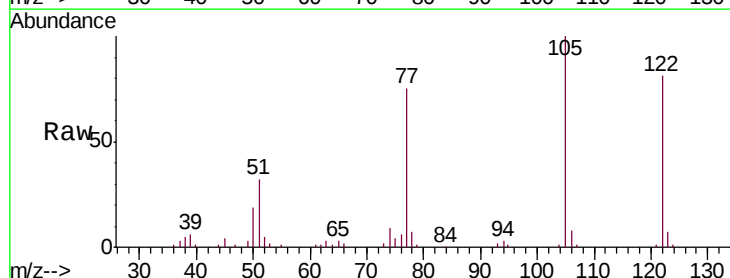


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

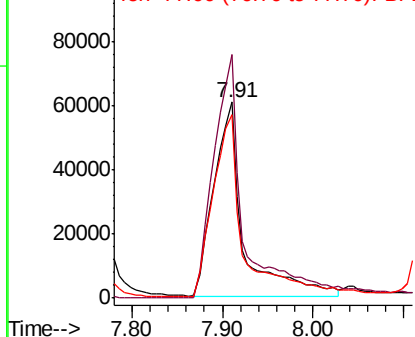
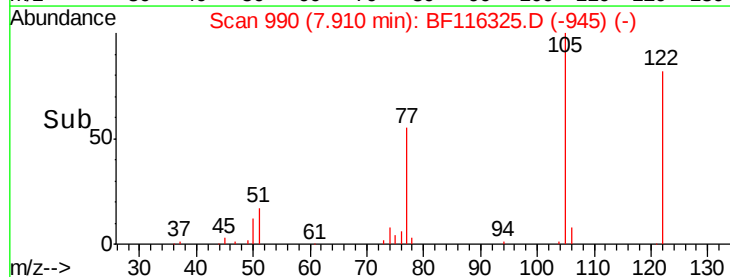


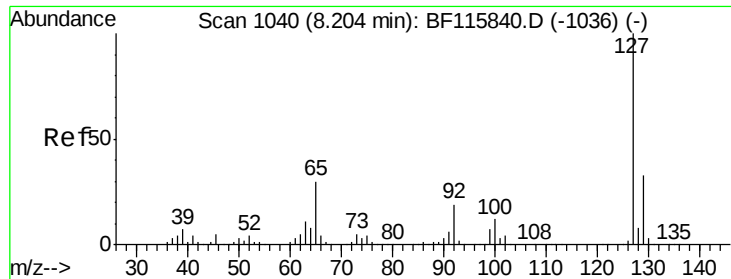
#32
Benzoic acid
Concen: 31.345 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.04 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion:122 Resp: 137461
Ion Ratio Lower Upper
122 100
105 124.2 106.1 146.1
77 93.5 76.7 116.7



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

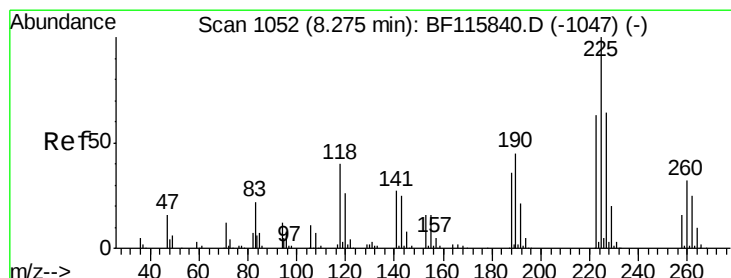
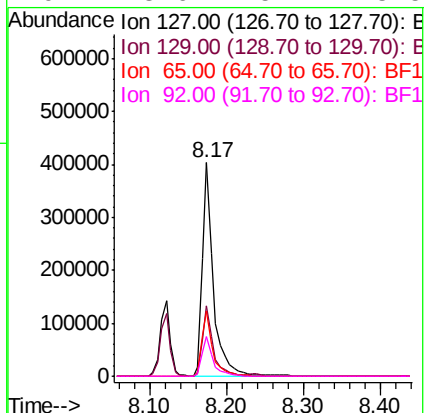
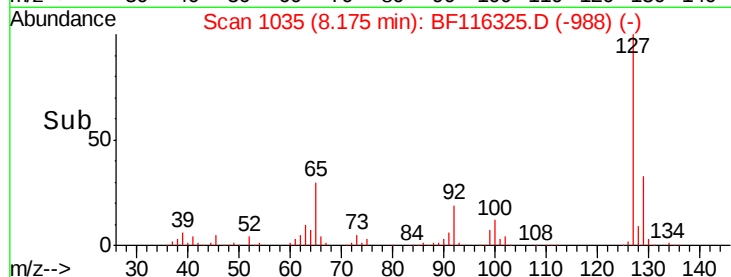
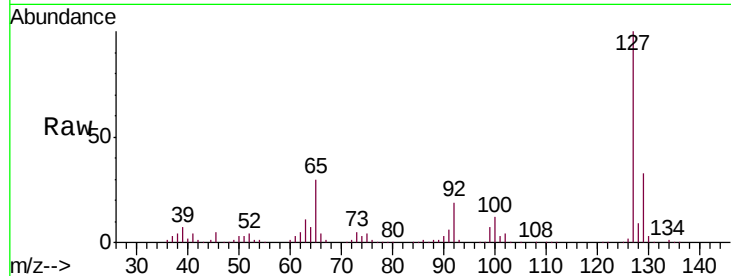




#33
4-Chloroaniline
Concen: 41.174 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

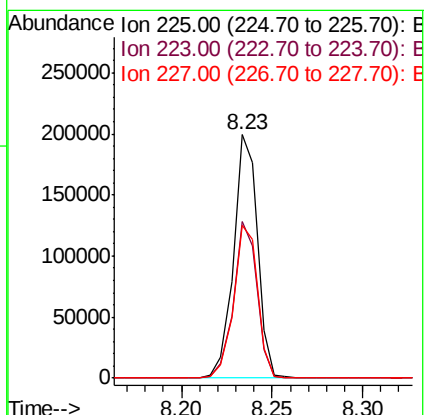
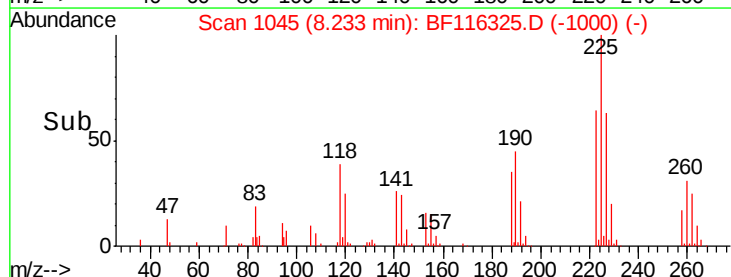
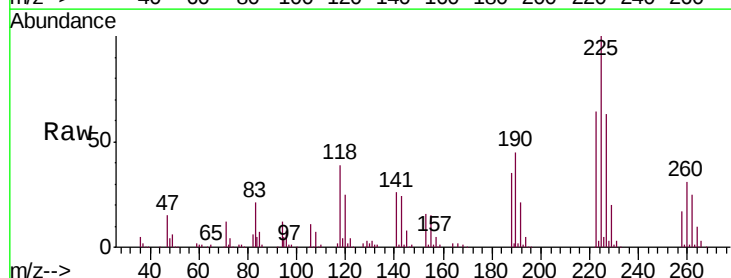
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

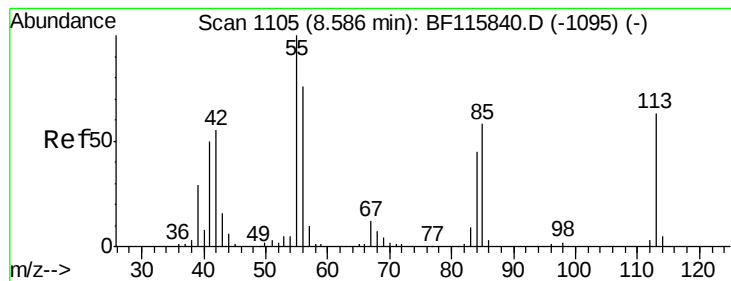
Tgt Ion:	127	Resp:	405918
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	30.4	24.9	37.3
92	18.6	15.7	23.5



#34
Hexachlorobutadiene
Concen: 42.509 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.04 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion:	225	Resp:	183309
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.0	75.0
227	63.0	51.0	76.4





#35

Caprolactam

Concen: 26.382 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.05 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

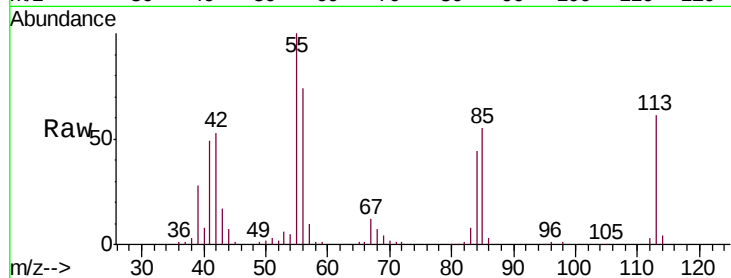
Tgt Ion:113 Resp: 56039

Ion Ratio Lower Upper

113 100

55 163.0 144.3 184.3

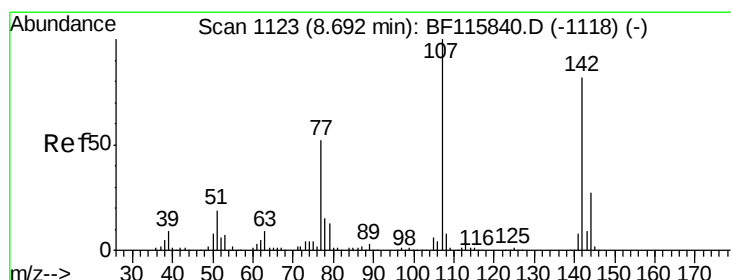
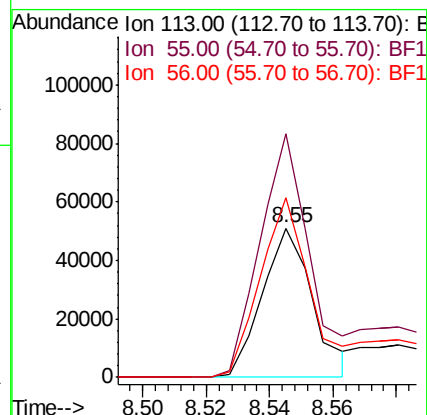
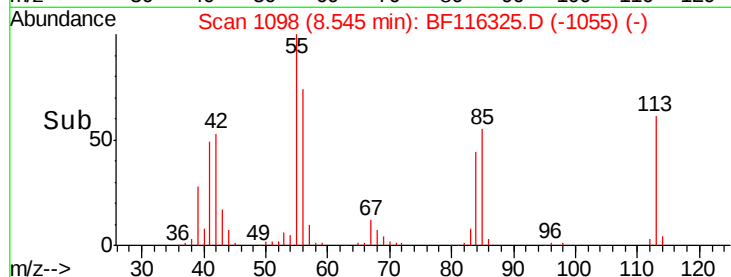
56 120.0 97.1 137.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.134 ng

RT: 8.66 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

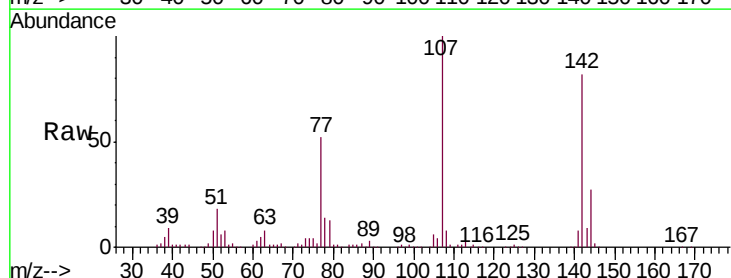
Tgt Ion:107 Resp: 287879

Ion Ratio Lower Upper

107 100

144 26.7 20.2 30.2

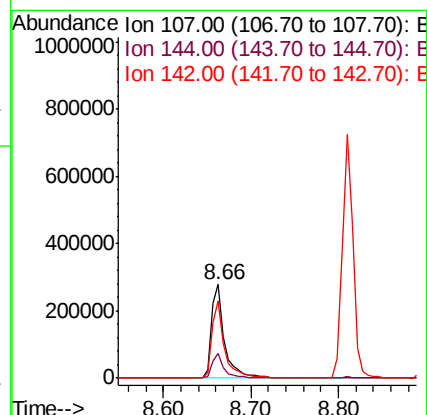
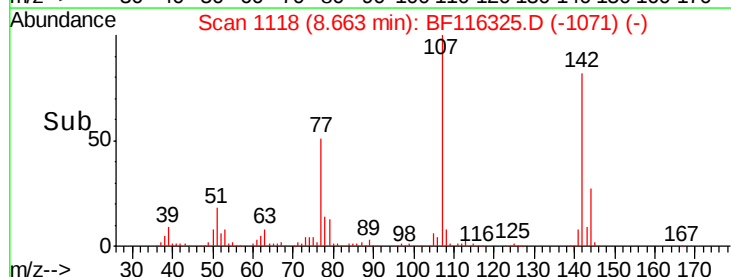
142 82.1 61.7 92.5

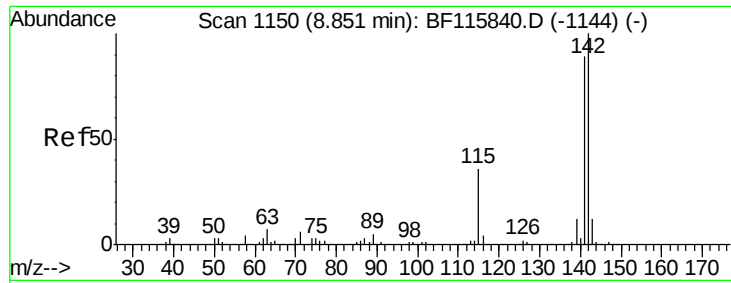


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

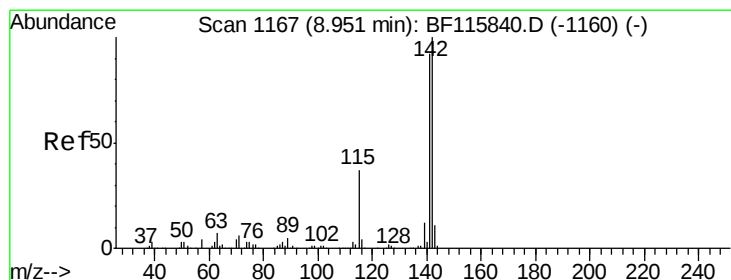
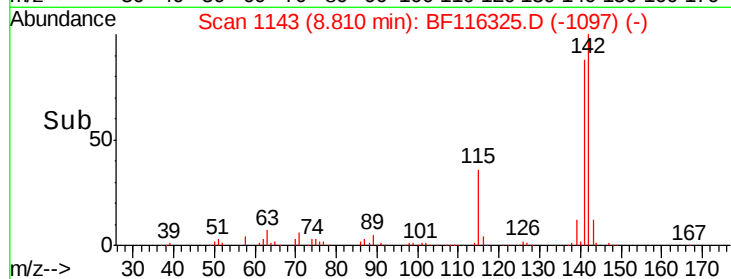
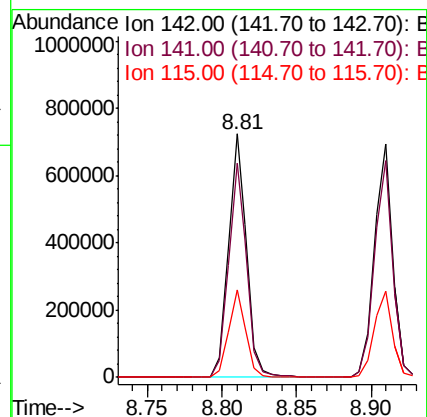
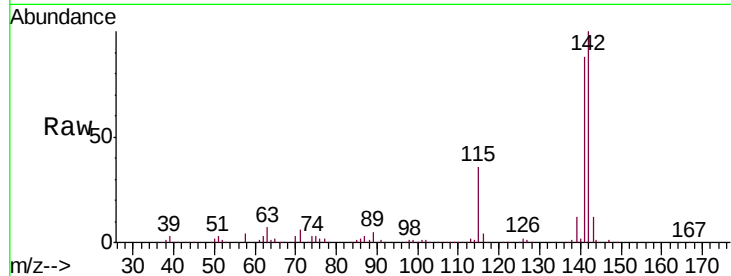




#37
2-Methylnaphthalene
Concen: 42.435 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

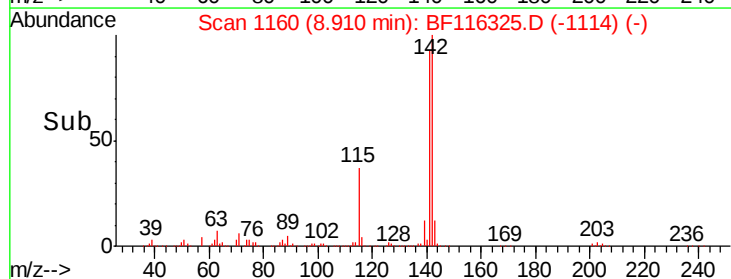
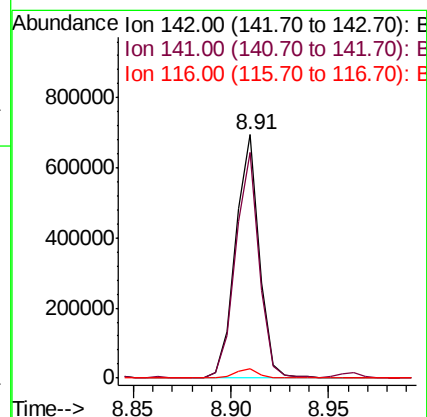
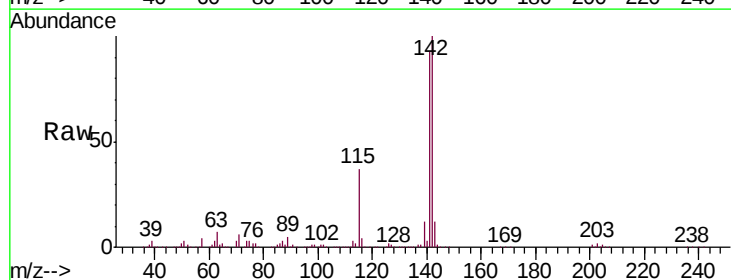
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

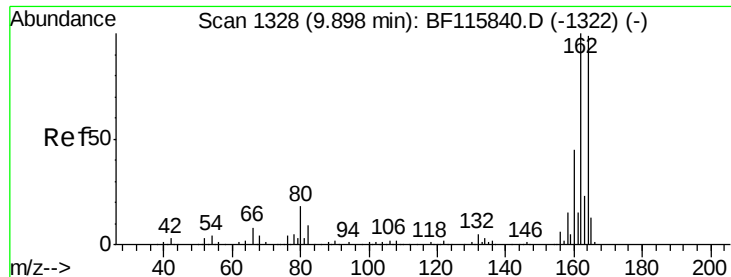
Tgt Ion:142 Resp: 616638
Ion Ratio Lower Upper
142 100
141 88.0 70.9 106.3
115 35.7 29.0 43.6



#38
1-Methylnaphthalene
Concen: 42.314 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion:142 Resp: 581694
Ion Ratio Lower Upper
142 100
141 92.7 74.4 111.6
116 3.8 3.1 4.7

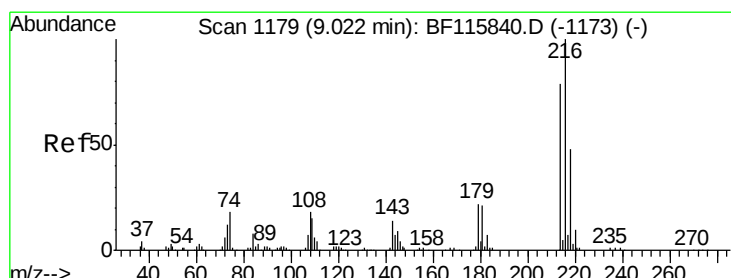
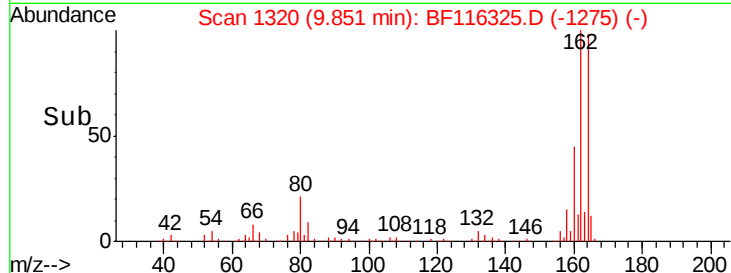
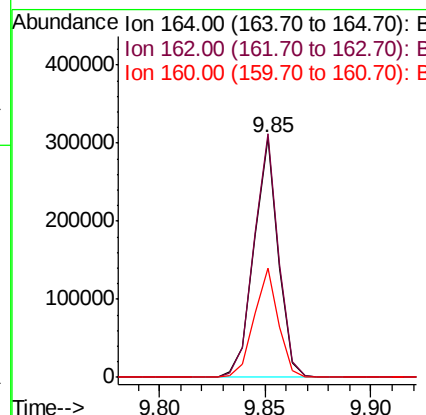
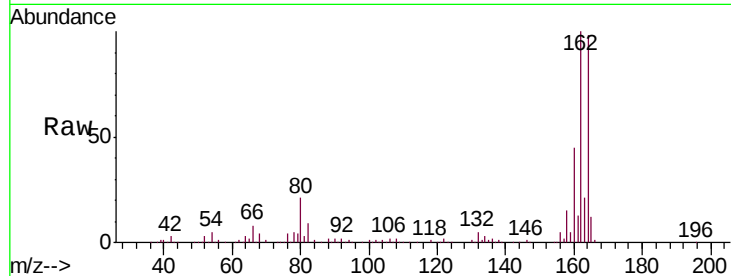




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

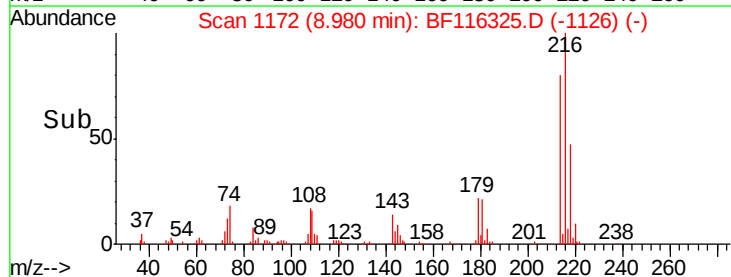
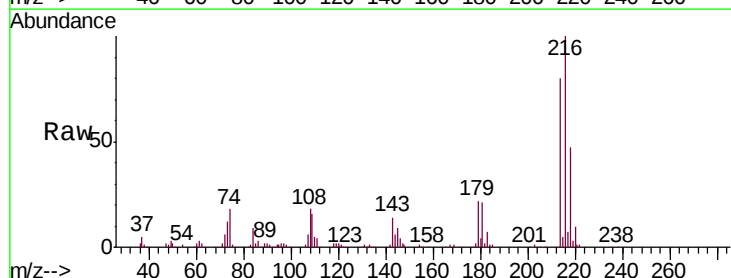
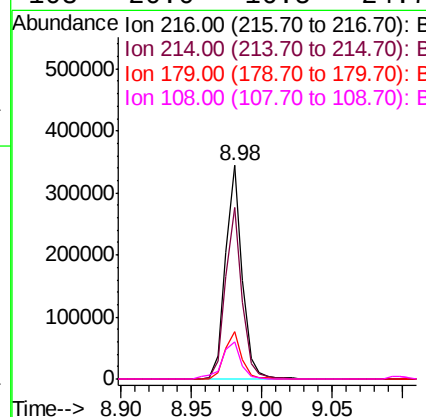
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	124.0
160	45.5	37.6	56.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.213 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.6	95.4
179	22.2	17.8	26.8
108	20.0	16.5	24.7





#41

Hexachlorocyclopentadiene

Concen: 34.828 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.03 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

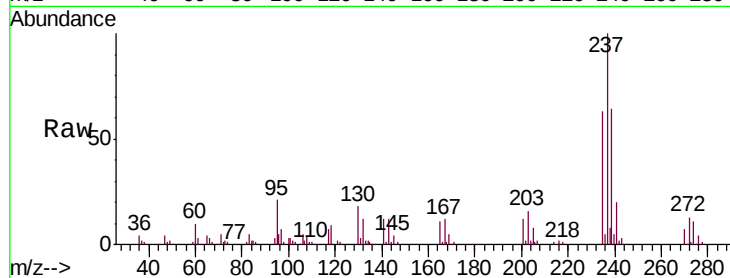
Tgt Ion: 237 Resp: 92088

Ion Ratio Lower Upper

237 100

235 63.1 43.4 83.4

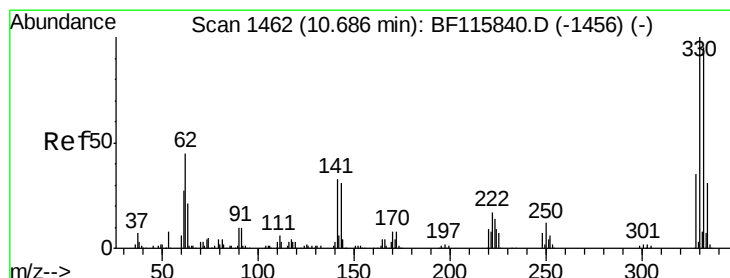
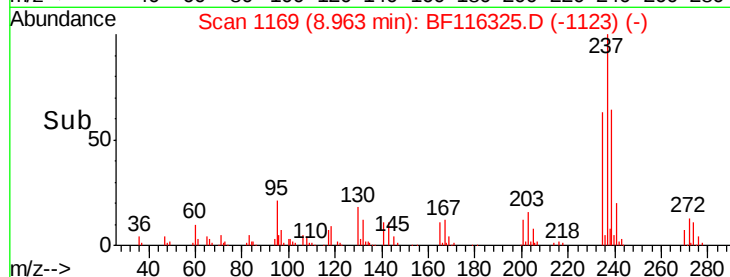
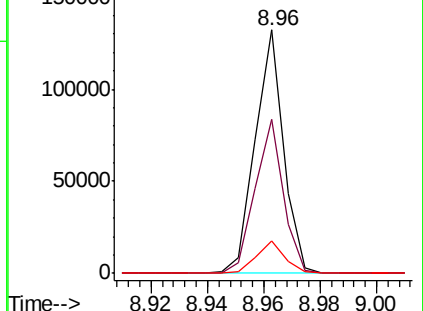
272 13.3 0.0 33.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 81.632 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.03 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

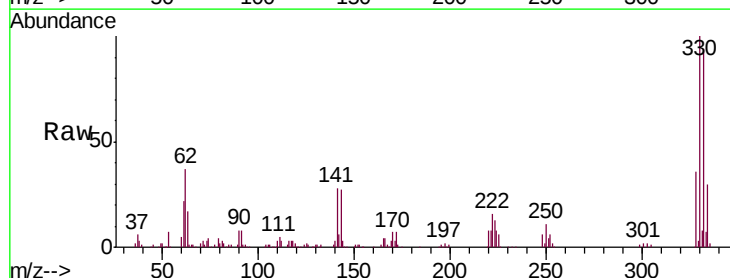
Tgt Ion: 330 Resp: 194534

Ion Ratio Lower Upper

330 100

332 95.1 76.8 115.2

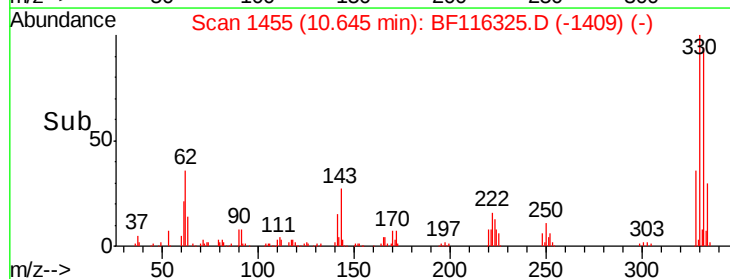
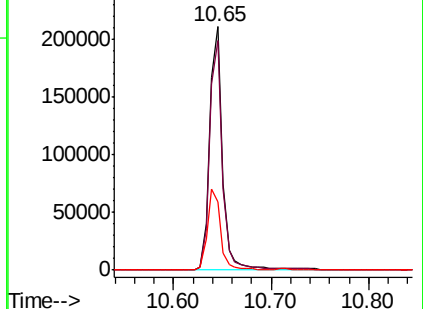
141 34.0 26.3 39.5

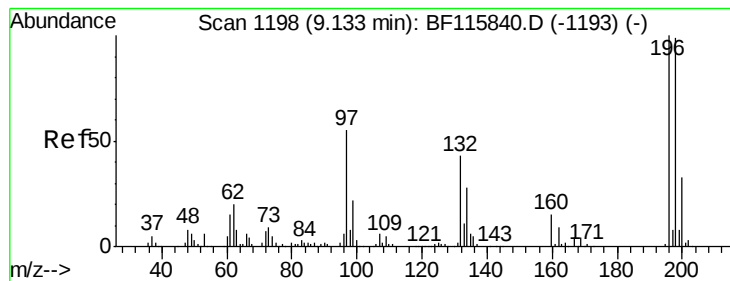


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 38.460 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.02 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

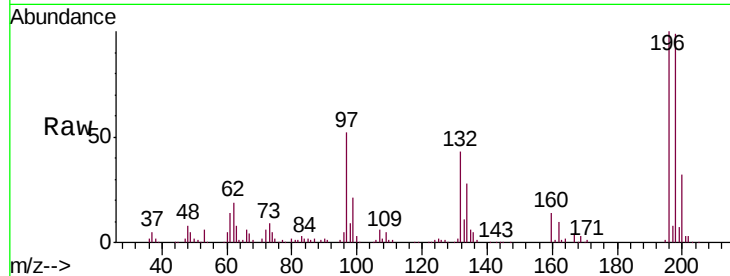
Tgt Ion:196 Resp: 173957

Ion Ratio Lower Upper

196 100

198 99.3 79.2 118.8

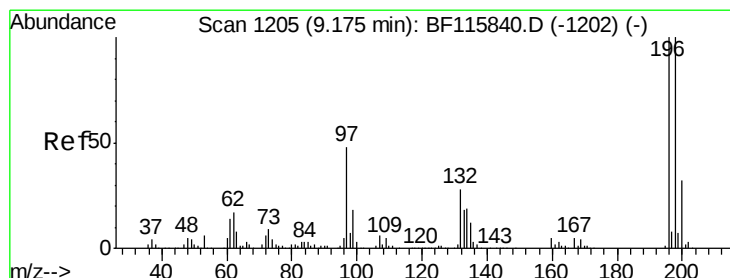
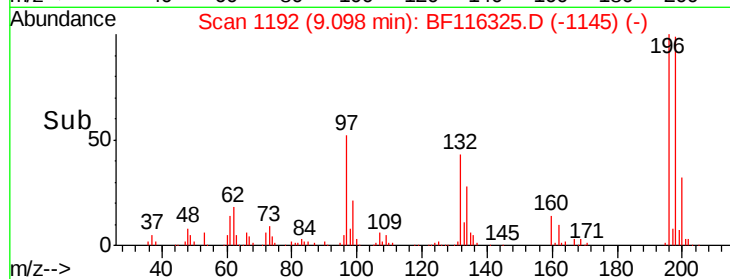
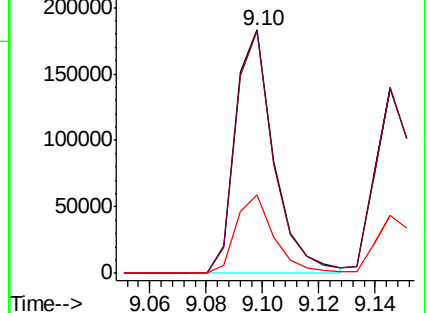
200 32.3 25.2 37.8



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 37.528 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.02 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Tgt Ion:196 Resp: 175459

Ion Ratio Lower Upper

196 100

198 100.4 78.8 118.2

97 51.8 42.2 63.4

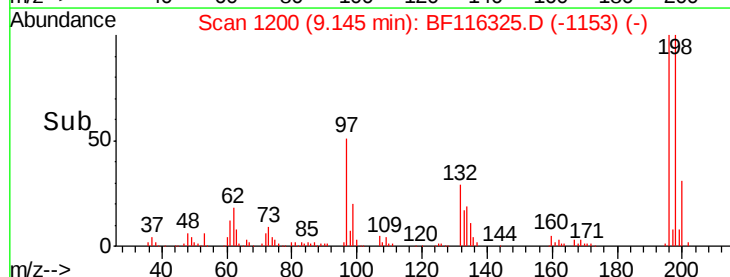
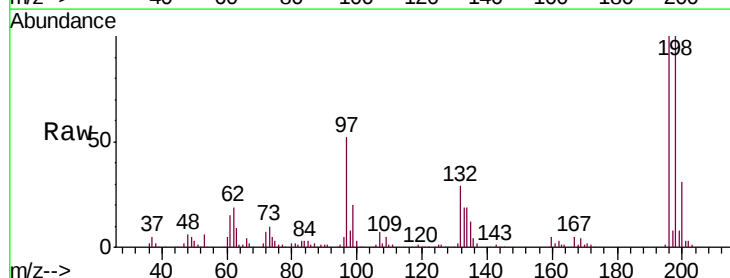
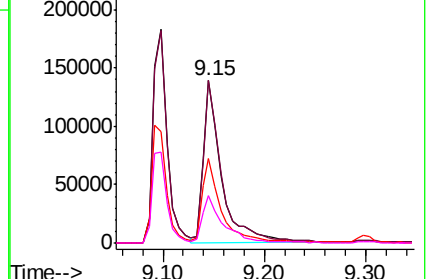
132 29.3 24.0 36.0

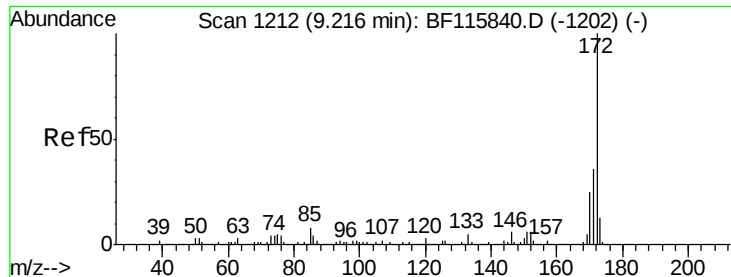
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

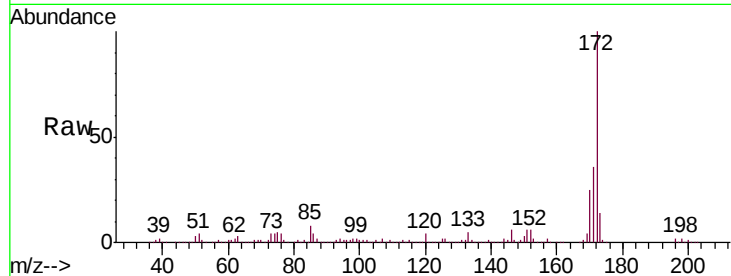




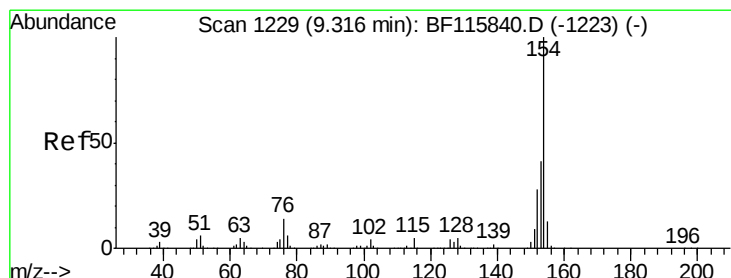
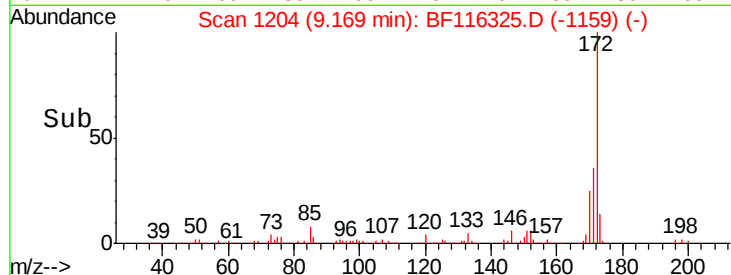
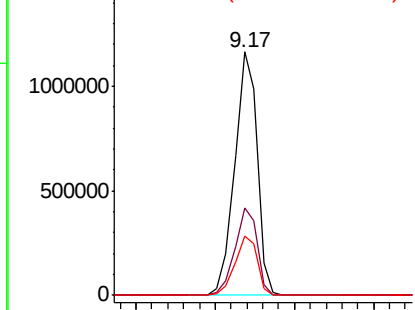
#45
 2-Fluorobiphenyl
 Concen: 87.034 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:172 Resp: 1142119
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.6 20.1 30.1

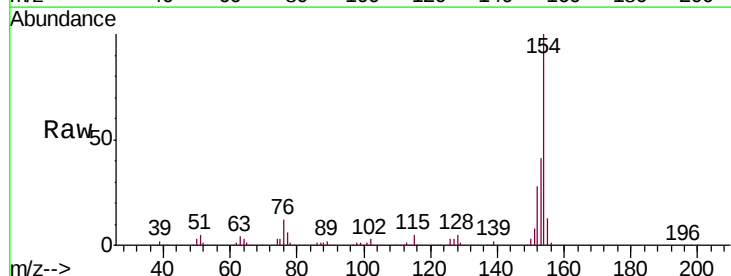


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

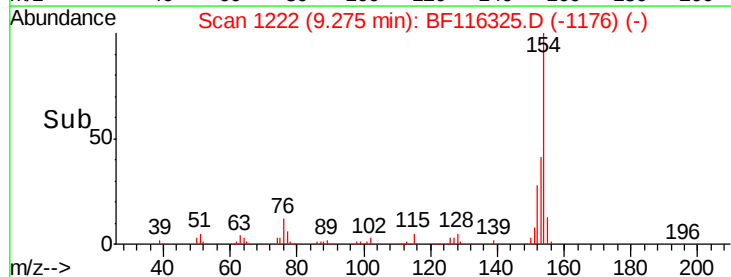
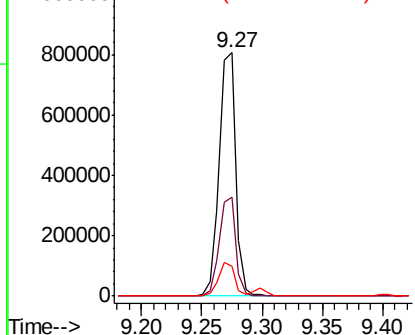


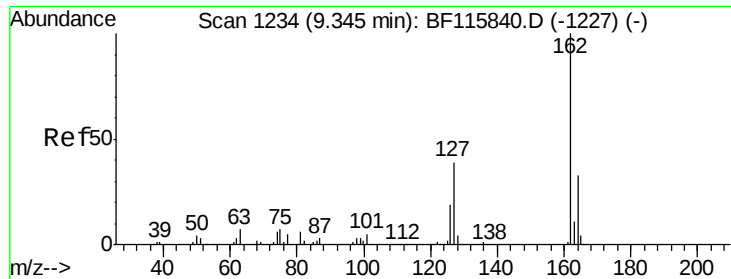
#46
 1,1'-Biphenyl
 Concen: 43.622 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.03 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Tgt Ion:154 Resp: 756985
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.4 61.4
 76 12.3 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

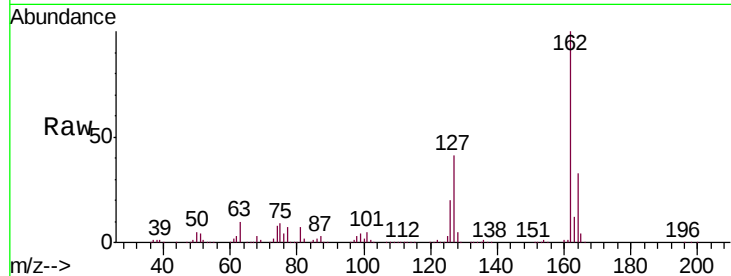




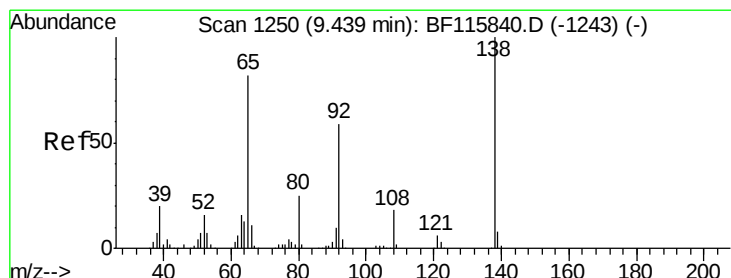
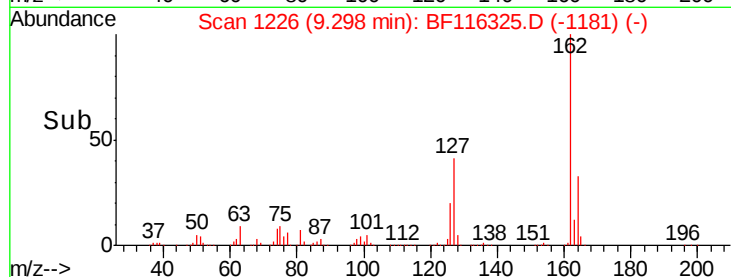
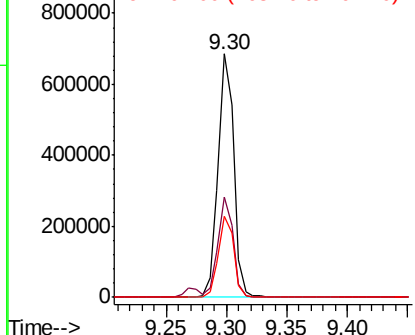
#47
 2-Chloronaphthalene
 Concen: 42.156 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.04 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.8	49.2
164	33.2	26.6	39.8

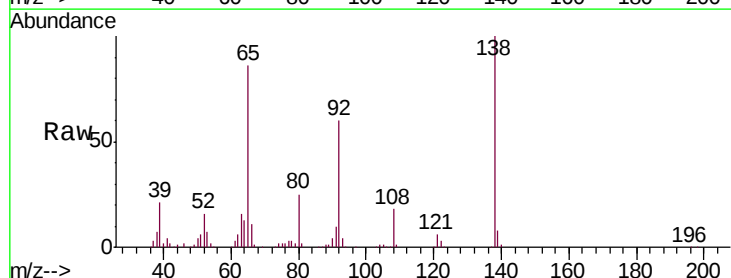


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

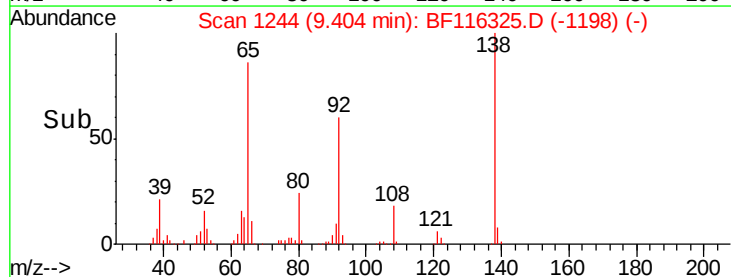
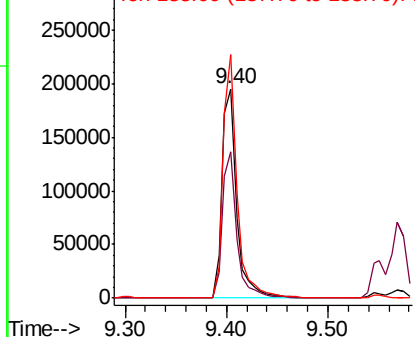


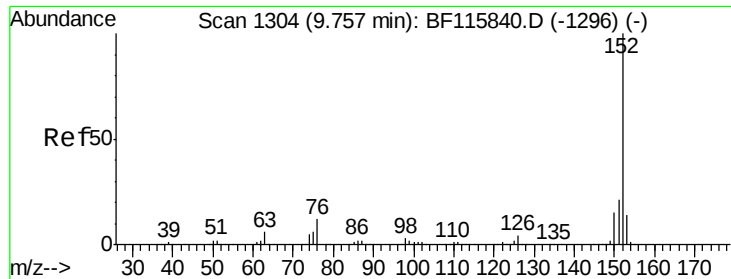
#48
 2-Nitroaniline
 Concen: 41.220 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.03 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	57.8	86.8
138	116.2	94.0	141.0



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





#49

Acenaphthylene

Concen: 43.015 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.03 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

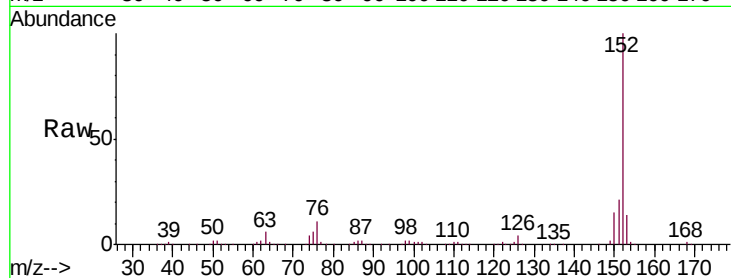
Tgt Ion:152 Resp: 906368

Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

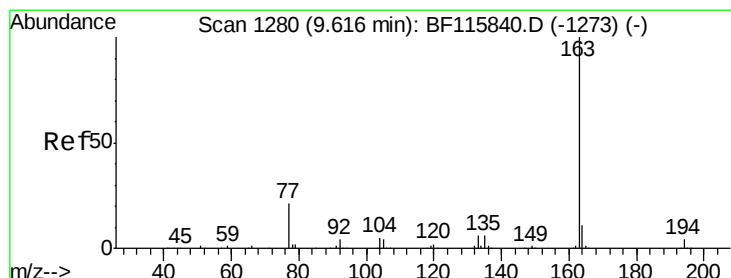
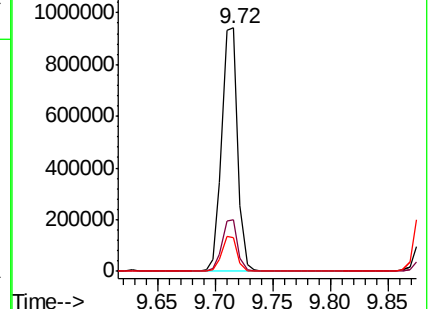
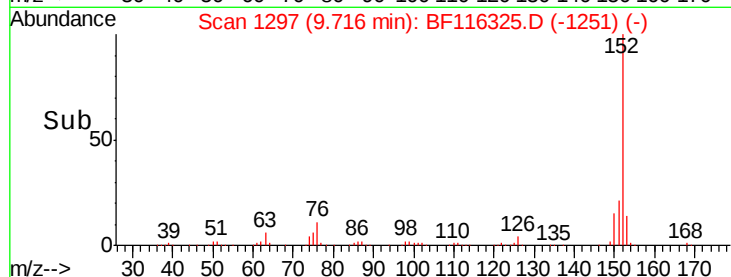
153 14.0 11.8 17.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.383 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.04 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

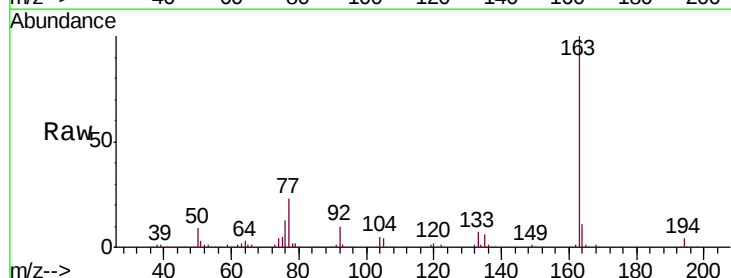
Tgt Ion:163 Resp: 692588

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

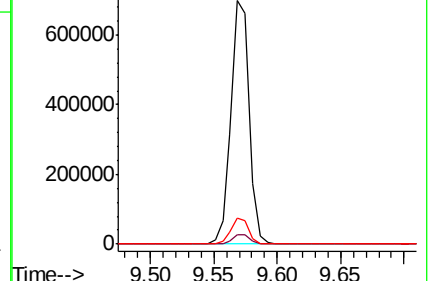
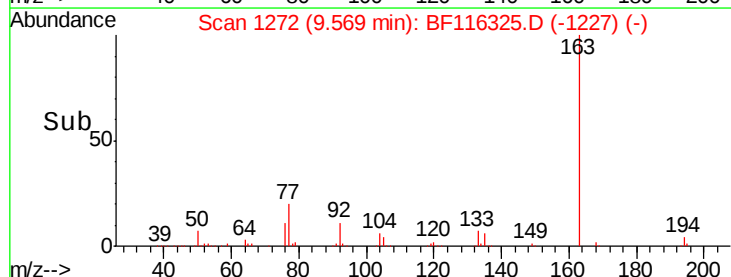
164 10.5 8.4 12.6

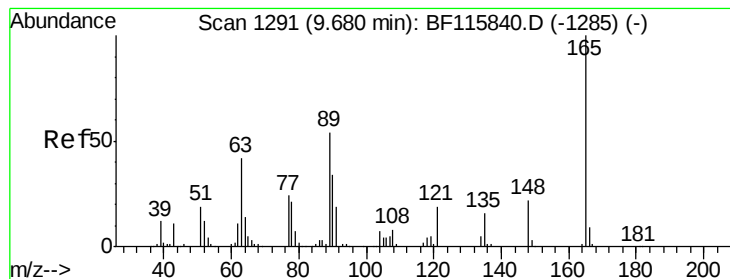


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.777 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.04 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

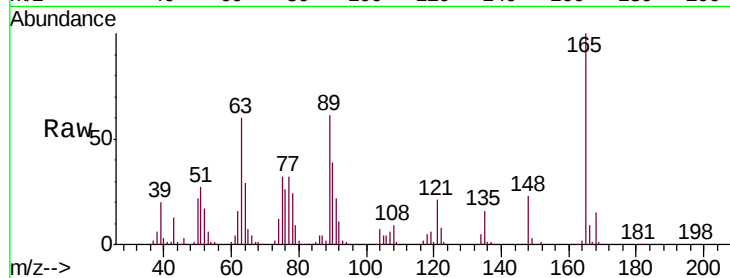
Tgt Ion:165 Resp: 151943

Ion Ratio Lower Upper

165 100

63 60.2 38.2 57.2#

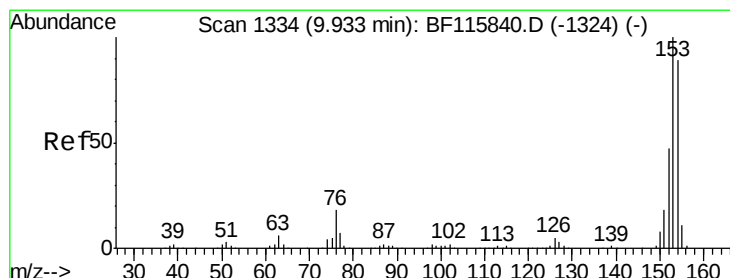
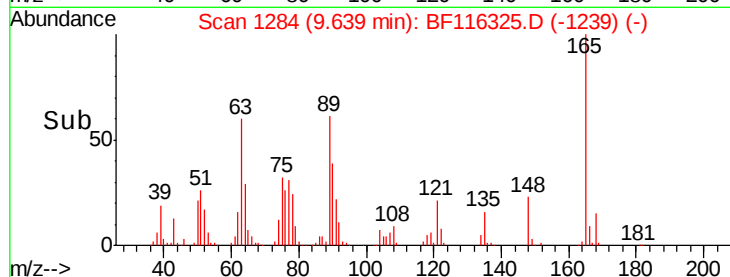
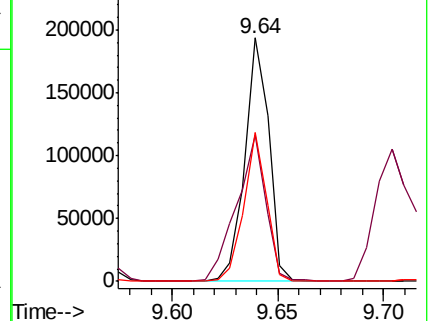
89 61.0 42.9 64.3



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



#52

Acenaphthene

Concen: 42.643 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.04 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

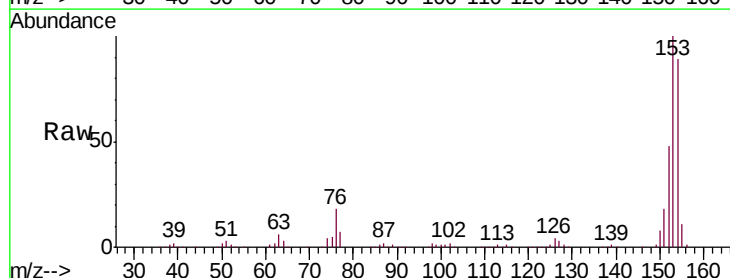
Tgt Ion:154 Resp: 551234

Ion Ratio Lower Upper

154 100

153 112.7 89.4 134.0

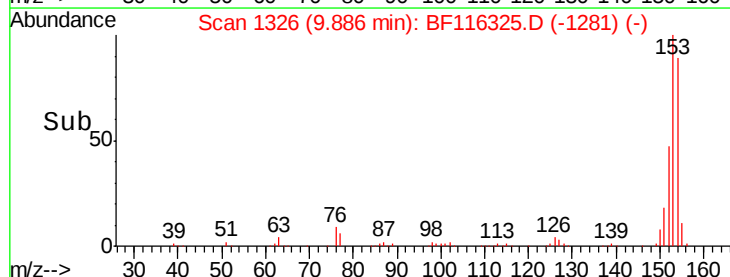
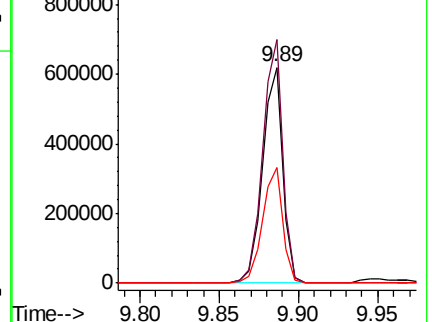
152 53.6 42.3 63.5

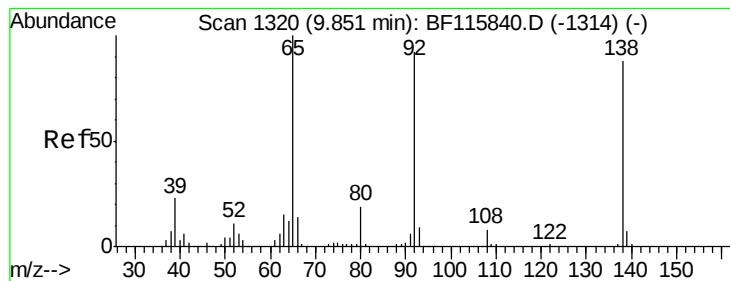


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 39.277 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.03 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

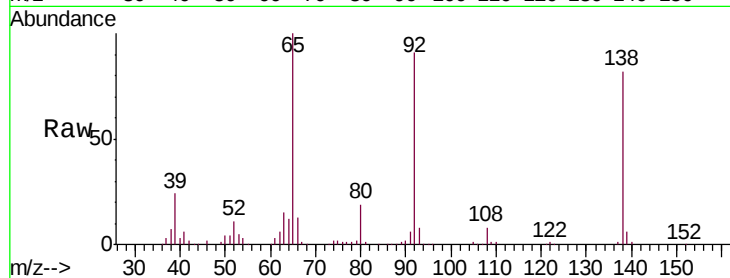
Tgt Ion:138 Resp: 176512

Ion Ratio Lower Upper

138 100

108 10.0 8.0 12.0

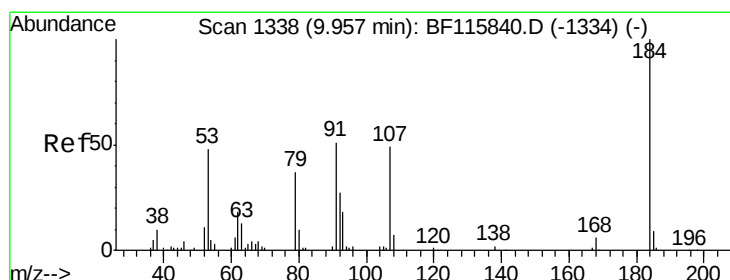
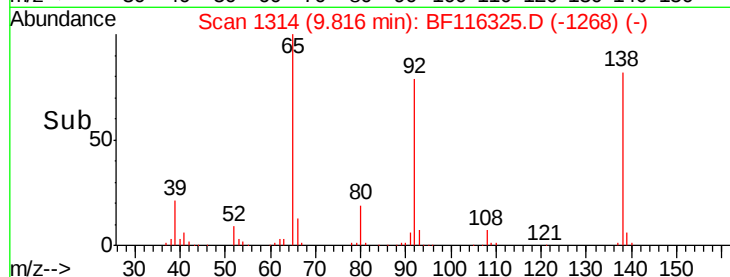
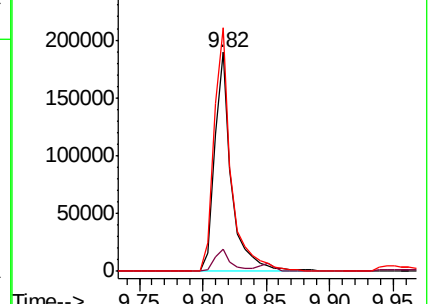
92 111.2 91.0 136.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 32.810 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

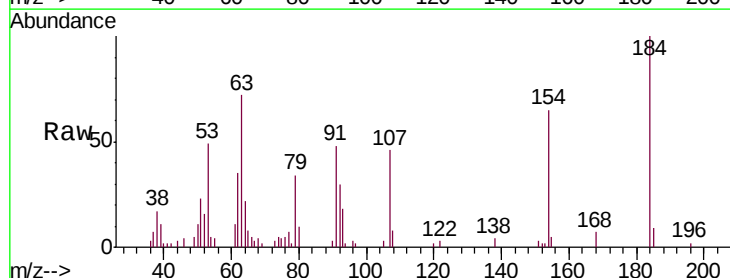
Tgt Ion:184 Resp: 51245

Ion Ratio Lower Upper

184 100

63 71.6 53.0 79.4

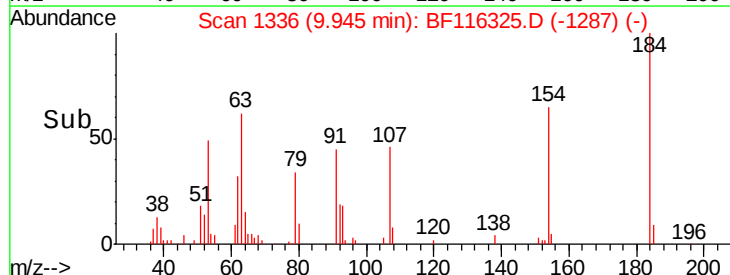
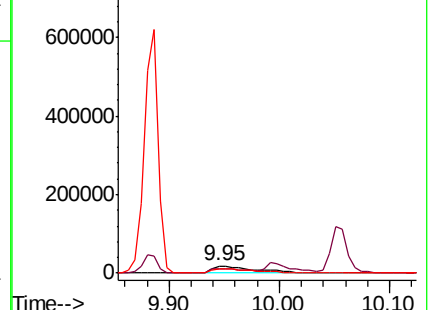
154 64.6 50.1 75.1

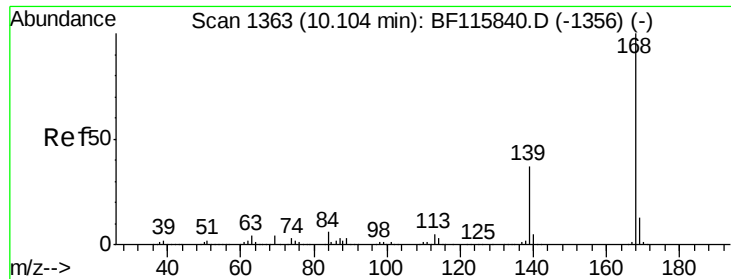


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 41.490 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.04 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

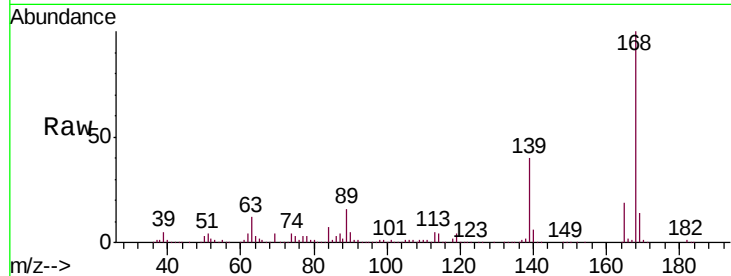
Tgt Ion:168 Resp: 779961

Ion Ratio Lower Upper

168 100

139 39.9 31.4 47.2

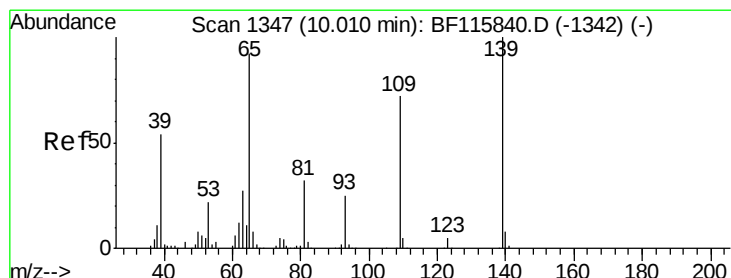
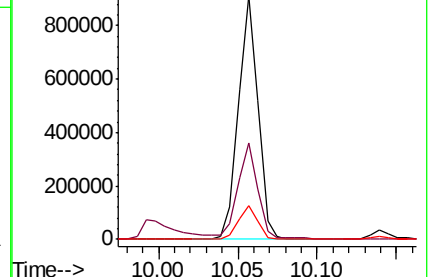
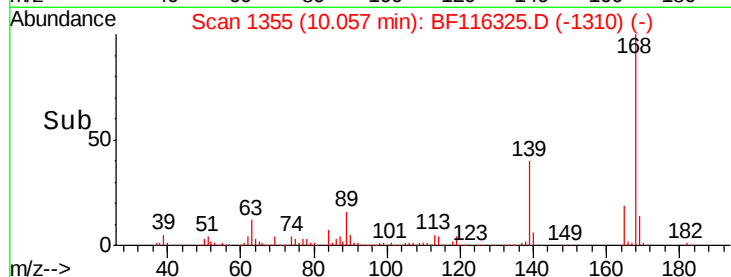
169 13.8 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 37.823 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.02 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

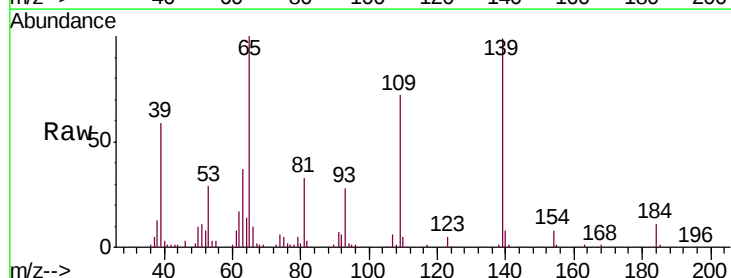
Tgt Ion:139 Resp: 108888

Ion Ratio Lower Upper

139 100

109 72.7 54.4 94.4

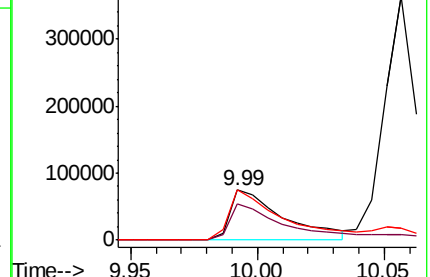
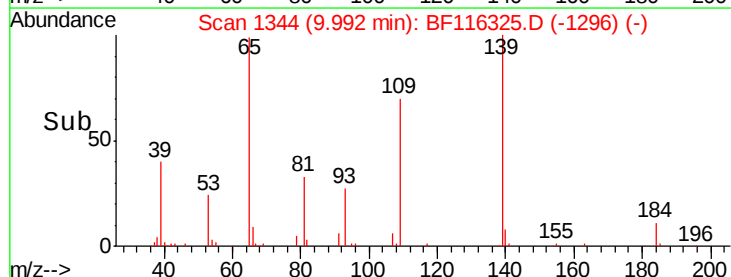
65 100.8 80.6 120.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

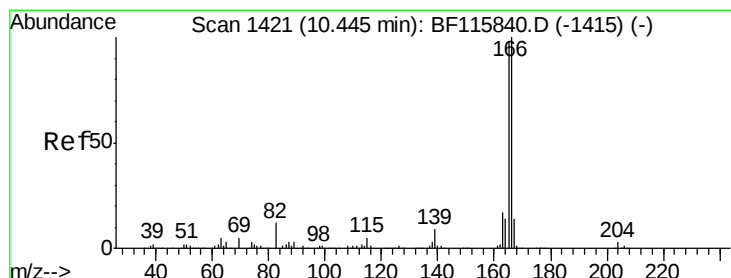
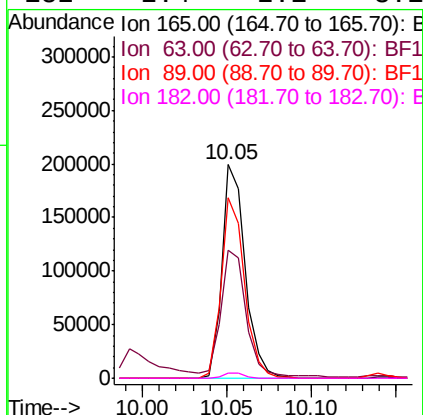
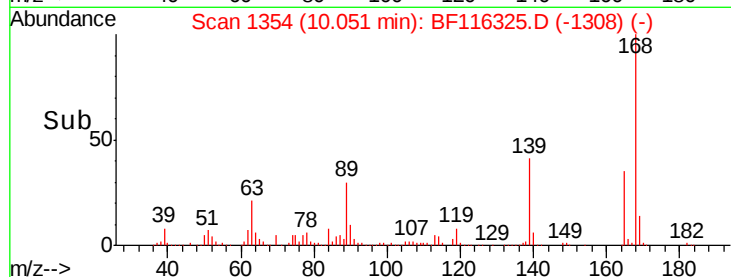
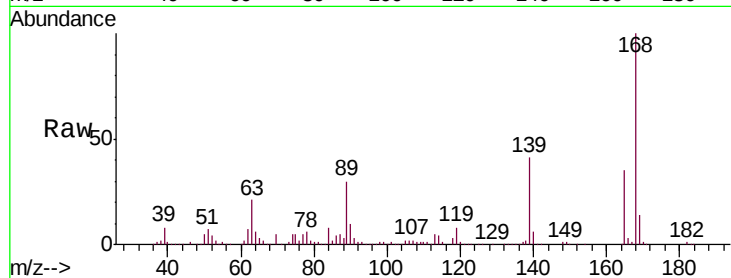




#57
2,4-Dinitrotoluene
Concen: 39.429 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

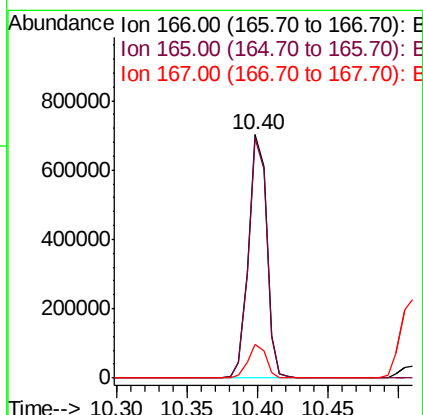
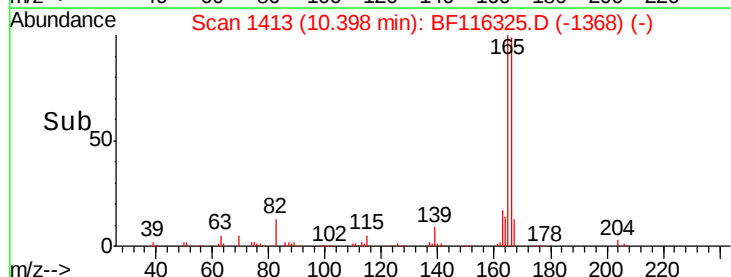
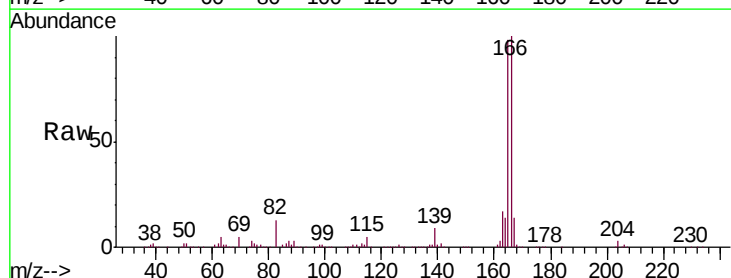
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.2	39.6	59.4#
89	84.6	62.2	93.2
182	2.4	2.1	3.1



#58
Fluorene
Concen: 44.329 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.04 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.4	117.6
167	13.6	11.0	16.4

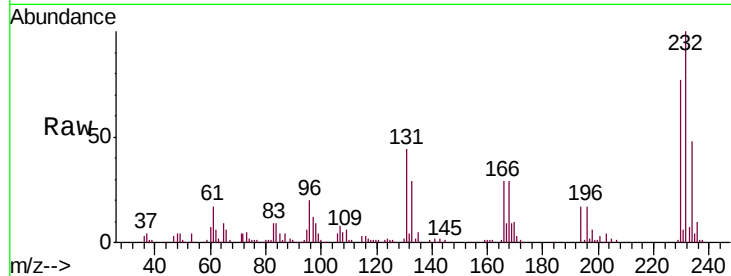




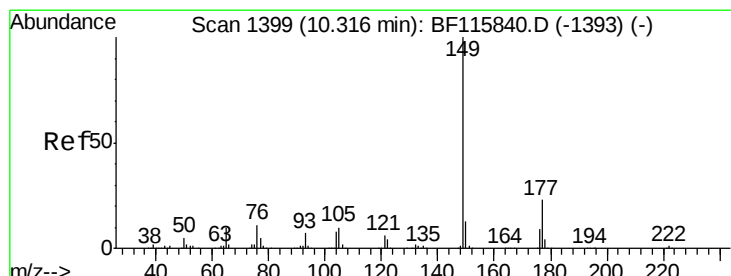
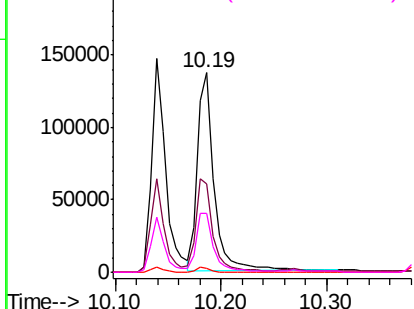
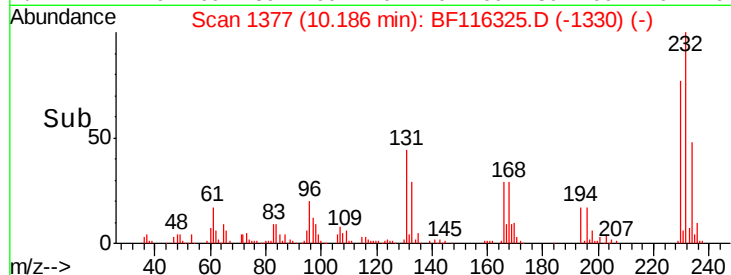
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.720 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 232 Resp: 148371
 Ion Ratio Lower Upper
 232 100
 131 48.1 36.2 54.2
 130 2.2 1.9 2.9
 166 30.3 23.0 34.4

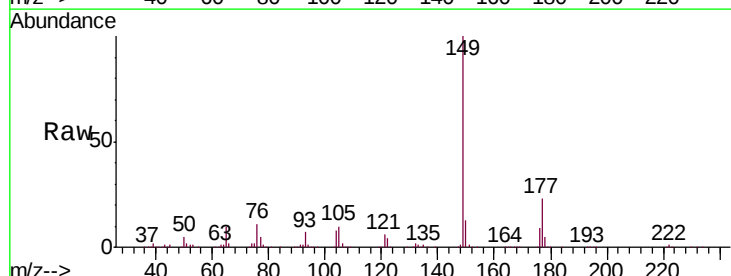


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

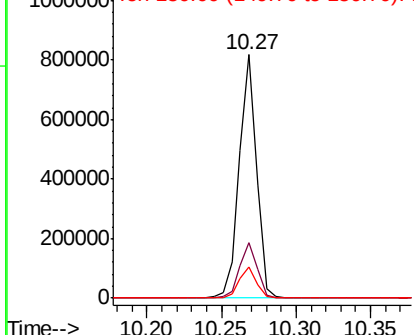
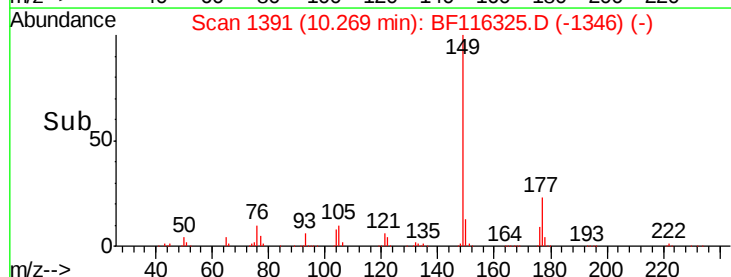


#60
 Diethylphthalate
 Concen: 42.519 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.04 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Tgt Ion: 149 Resp: 664366
 Ion Ratio Lower Upper
 149 100
 177 22.9 18.8 28.2
 150 12.8 10.2 15.4



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

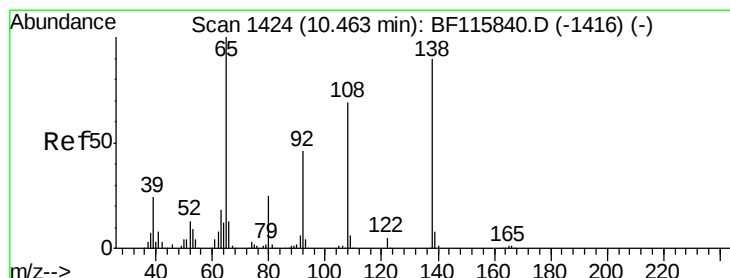
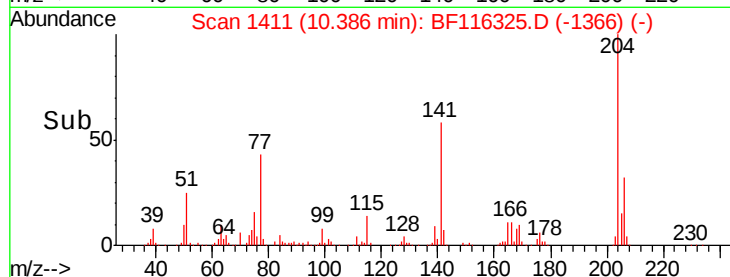
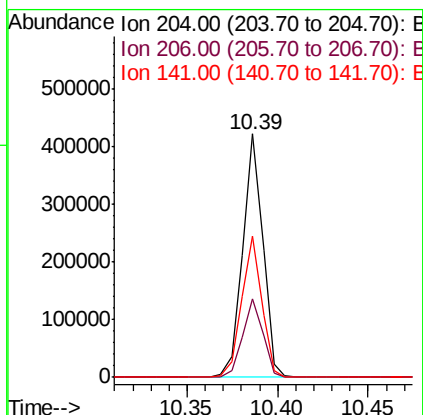
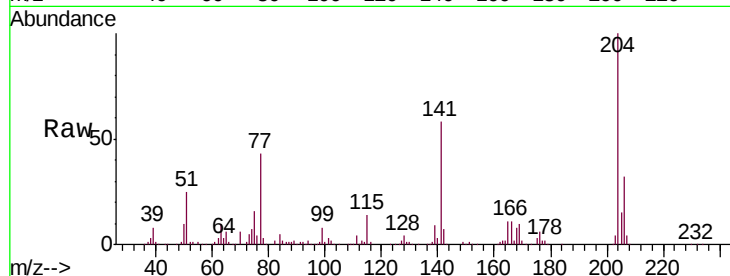




#61
4-Chlorophenyl-phenylether
Concen: 44.649 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.04 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

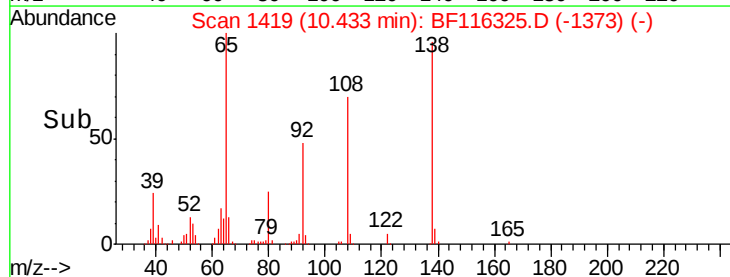
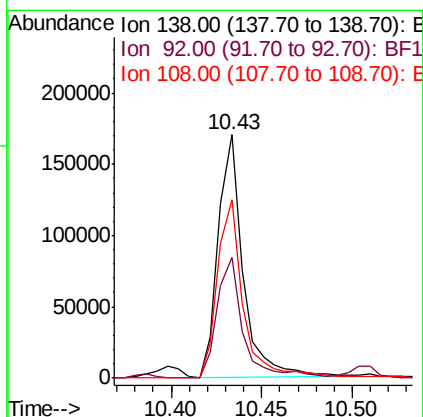
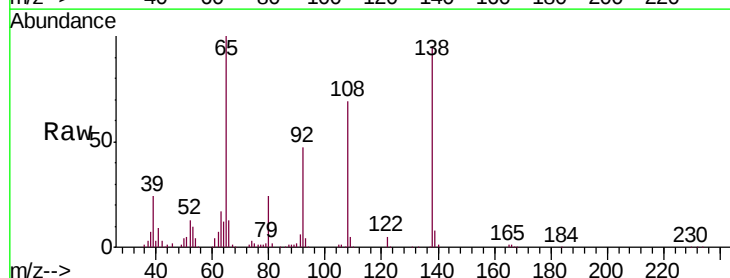
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

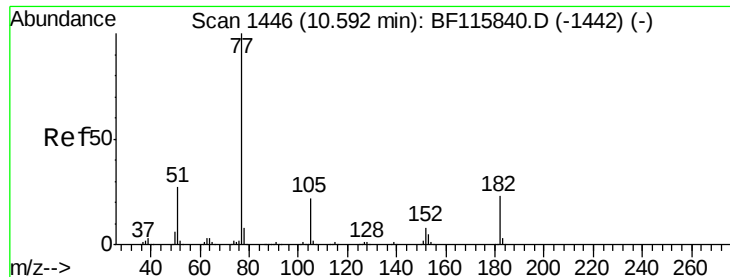
Tgt Ion: 204 Resp: 327053
Ion Ratio Lower Upper
204 100
206 32.1 26.4 39.6
141 57.8 46.4 69.6



#62
4-Nitroaniline
Concen: 34.803 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion: 138 Resp: 161635
Ion Ratio Lower Upper
138 100
92 49.6 29.0 69.0
108 73.3 54.7 94.7





#63

Azobenzene

Concen: 43.203 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.03 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 694343

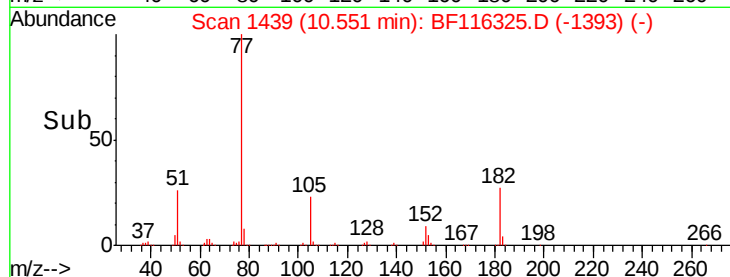
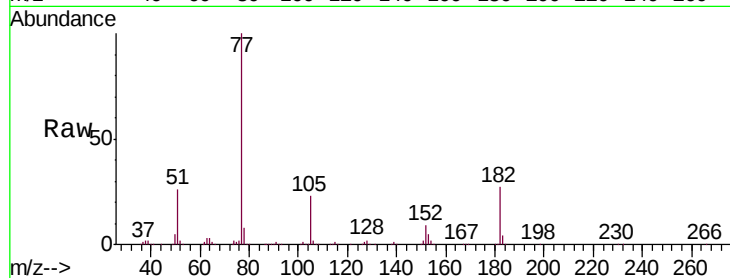
Ion Ratio Lower Upper

77 100

182 27.1 4.0 44.0

105 22.9 2.0 42.0

51 26.0 7.5 47.5

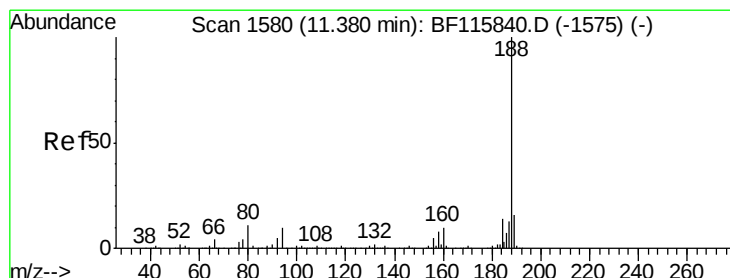
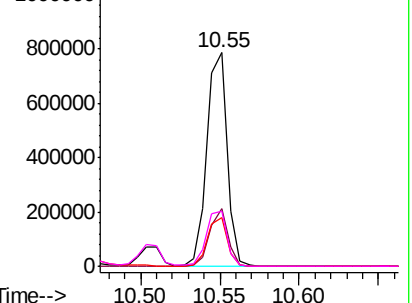


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.03 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

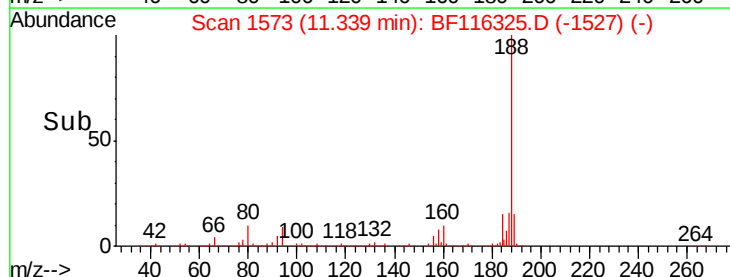
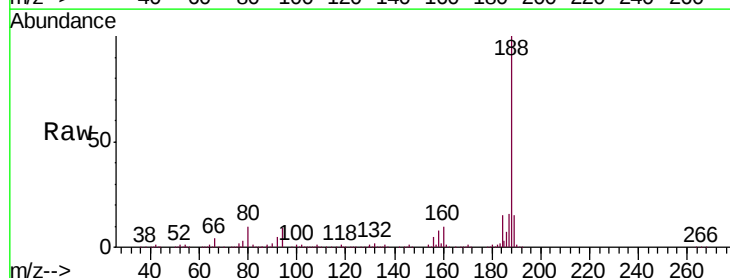
Tgt Ion: 188 Resp: 416656

Ion Ratio Lower Upper

188 100

94 9.0 8.1 12.1

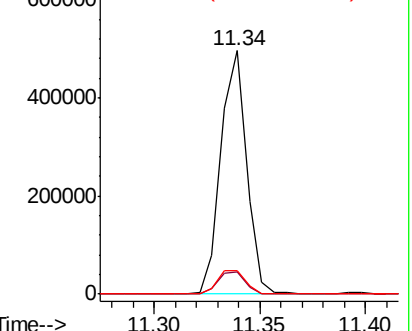
80 9.8 8.7 13.1



Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 36.988 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.03 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

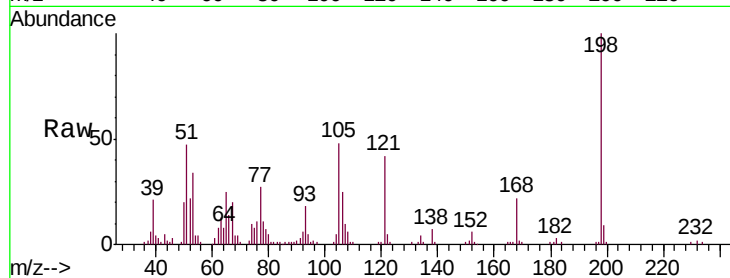
Tgt Ion:198 Resp: 81669

Ion Ratio Lower Upper

198 100

51 46.7 17.0 57.0

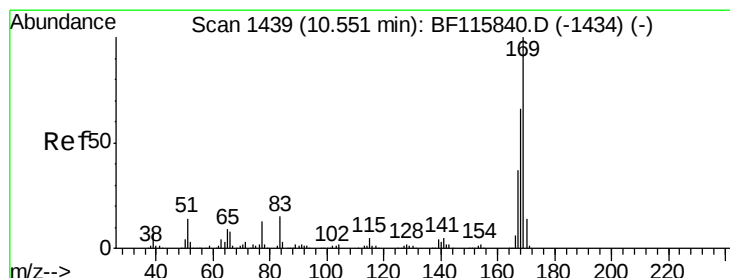
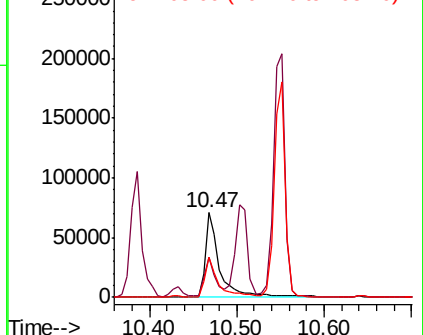
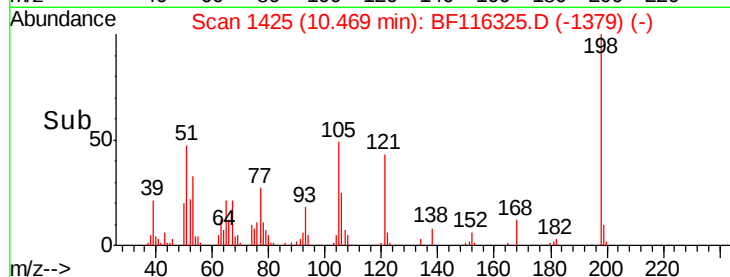
105 47.8 21.6 61.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.801 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.04 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

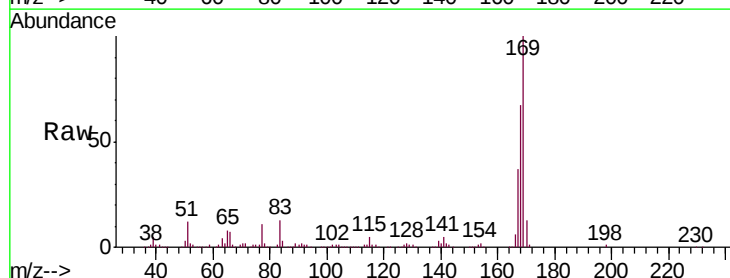
Tgt Ion:169 Resp: 549303

Ion Ratio Lower Upper

169 100

168 66.9 53.8 80.6

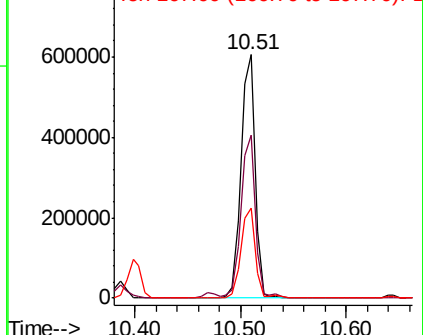
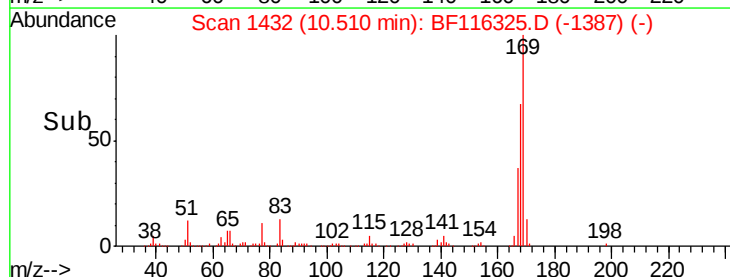
167 37.1 29.6 44.4

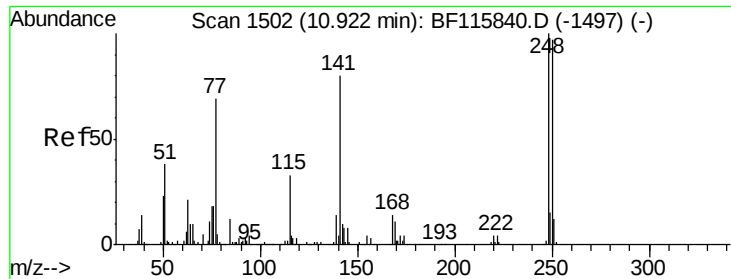


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

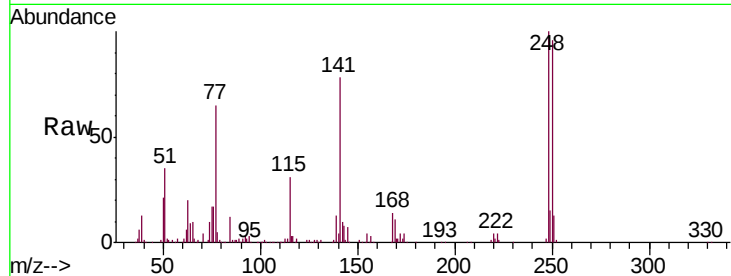




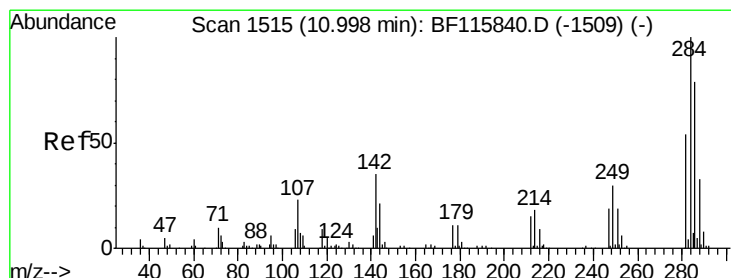
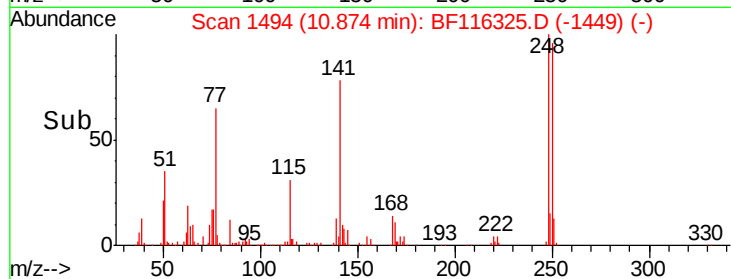
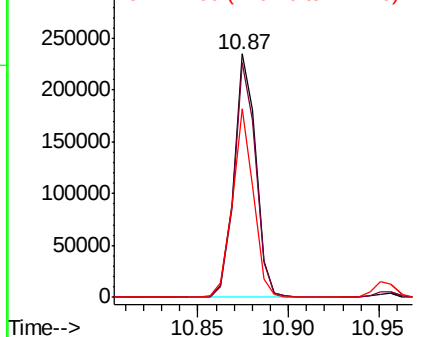
#67
 4-Bromophenyl-phenylether
 Concen: 44.252 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.04 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:248 Resp: 197379
 Ion Ratio Lower Upper
 248 100
 250 96.3 77.4 116.2
 141 77.5 56.8 85.2

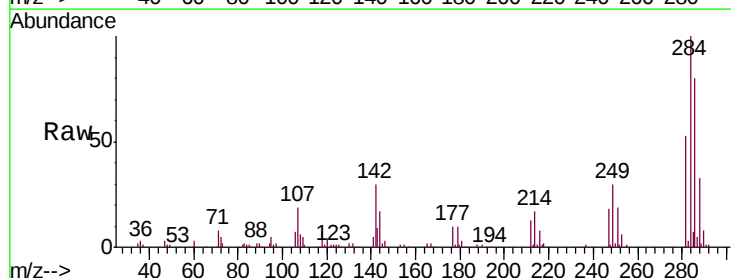


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

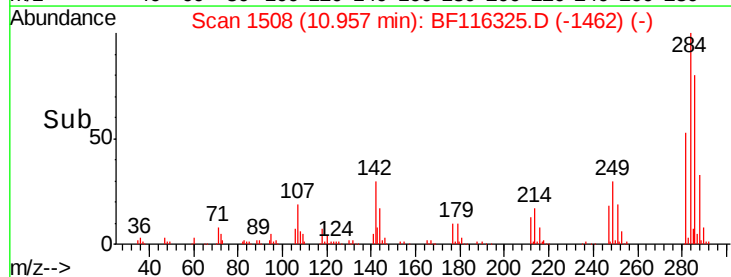
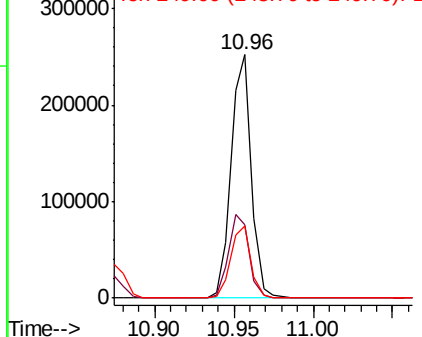


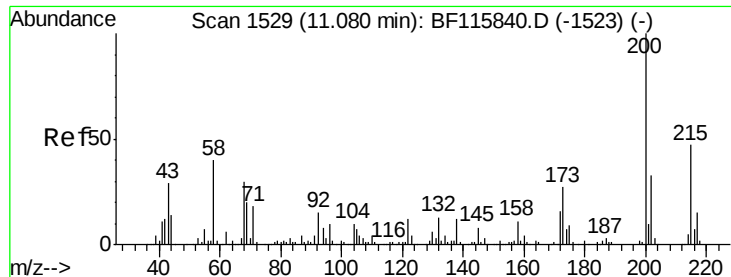
#68
 Hexachlorobenzene
 Concen: 43.129 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.03 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Tgt Ion:284 Resp: 222443
 Ion Ratio Lower Upper
 284 100
 142 30.3 28.4 42.6
 249 29.5 24.5 36.7



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

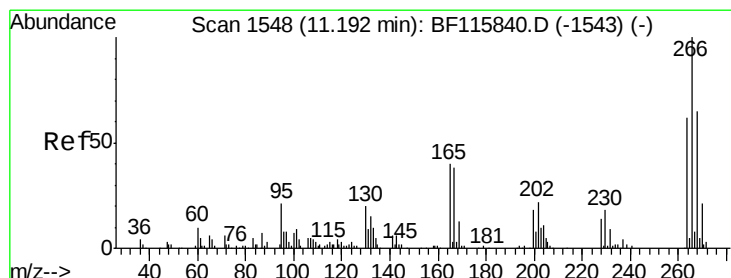
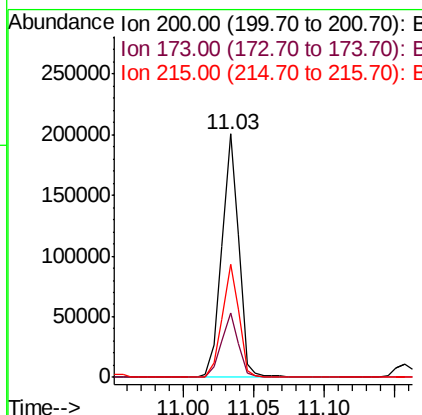
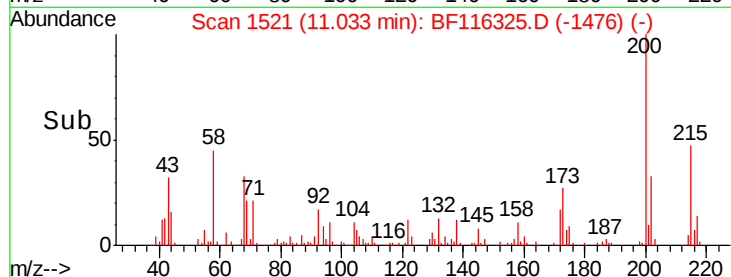
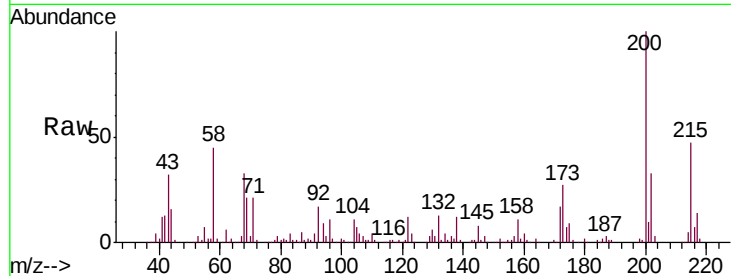




#69
Atrazine
Concen: 40.619 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.04 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

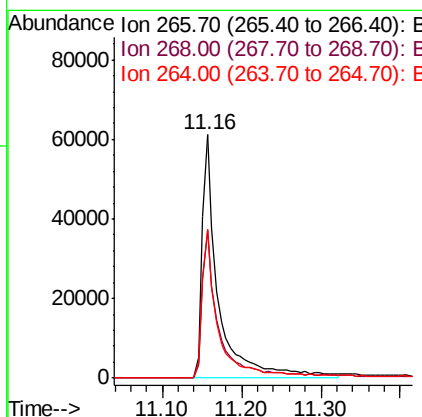
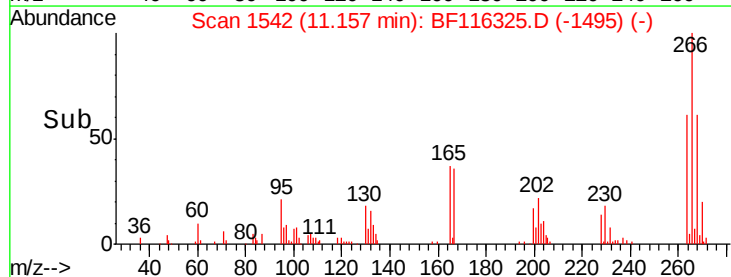
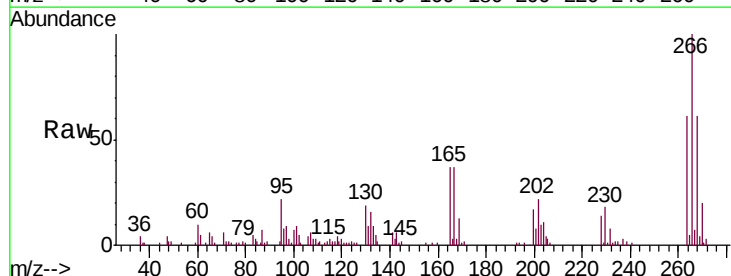
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

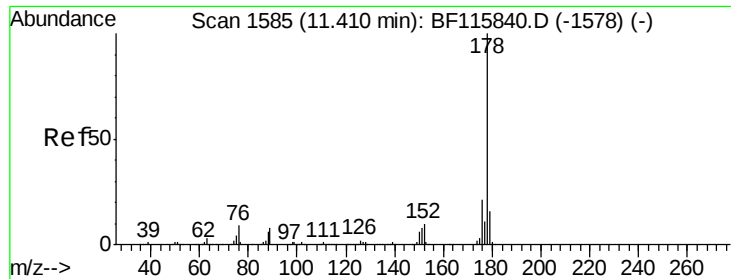
Tgt Ion:200 Resp: 167582
Ion Ratio Lower Upper
200 100
173 26.7 6.8 46.8
215 46.5 27.5 67.5



#70
Pentachlorophenol
Concen: 35.692 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.02 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion:266 Resp: 89373
Ion Ratio Lower Upper
266 100
268 60.6 48.8 73.2
264 61.2 50.6 76.0

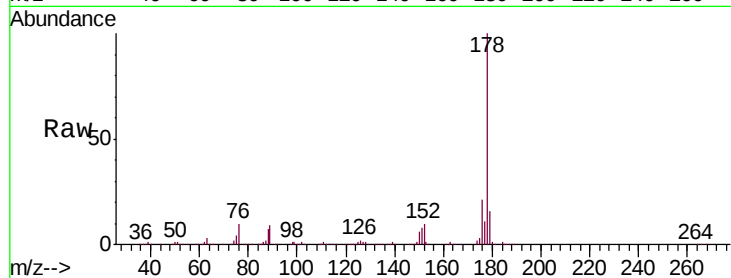




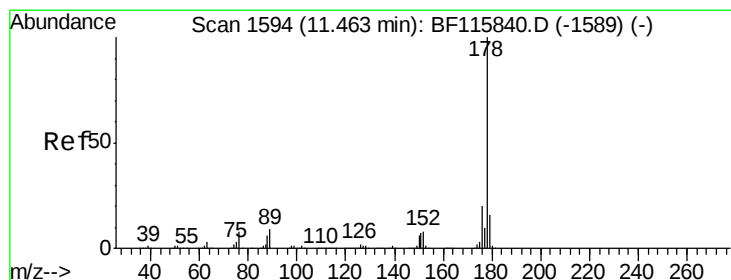
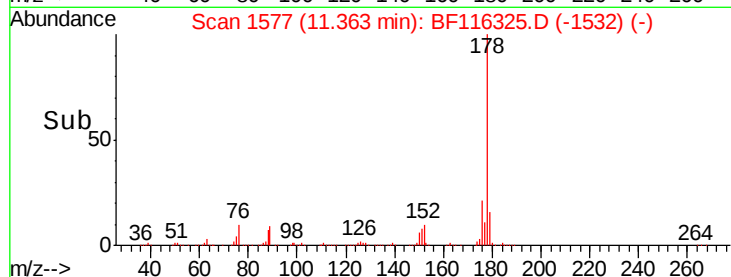
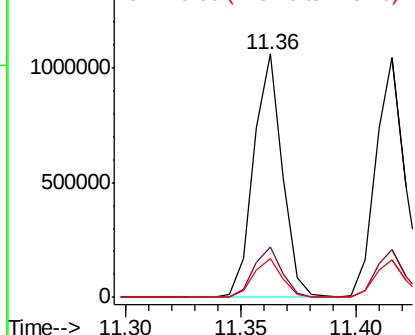
#71
Phenanthrene
Concen: 43.285 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.04 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 921983
Ion Ratio Lower Upper
178 100
176 20.8 16.6 24.8
179 15.8 12.5 18.7

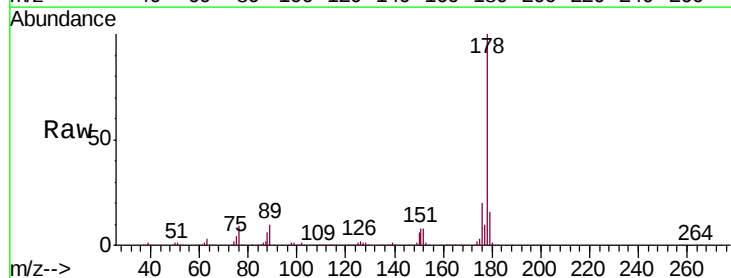


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

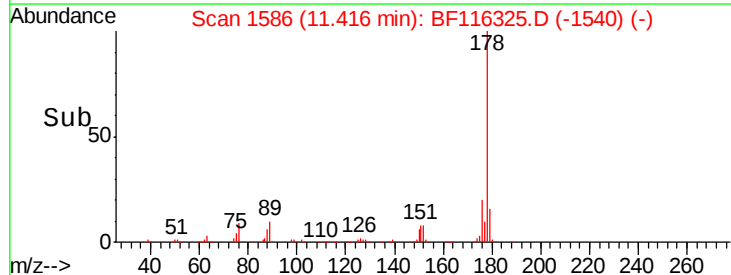
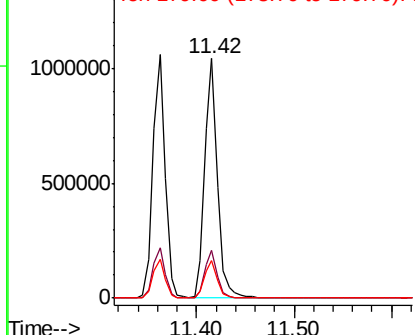


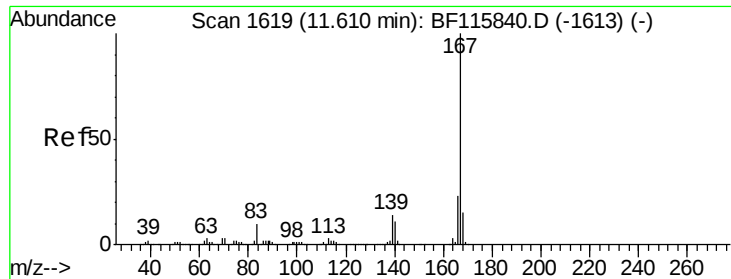
#72
Anthracene
Concen: 43.653 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion:178 Resp: 941034
Ion Ratio Lower Upper
178 100
176 20.0 15.7 23.5
179 15.8 13.0 19.6



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

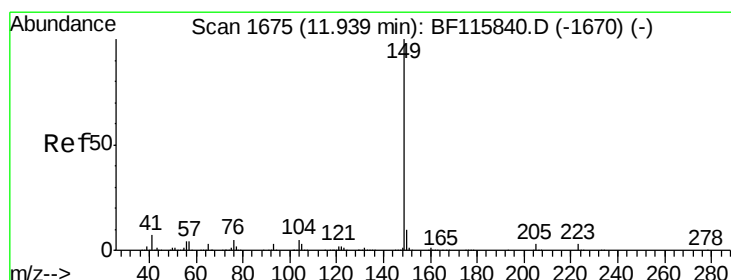
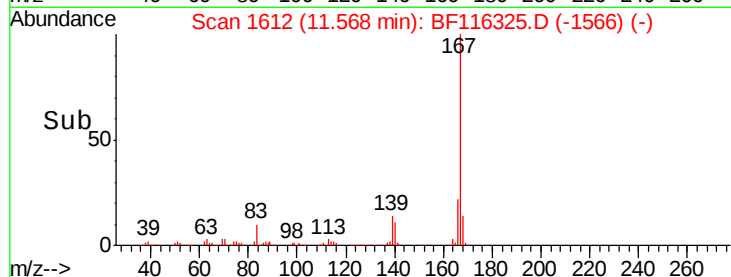
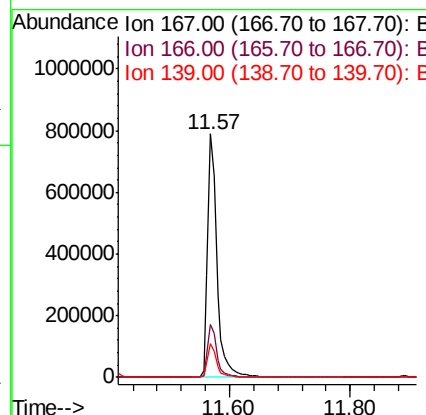
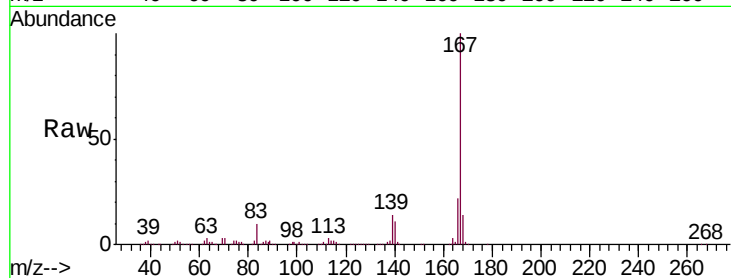




#73
 Carbazole
 Concen: 43.632 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.03 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

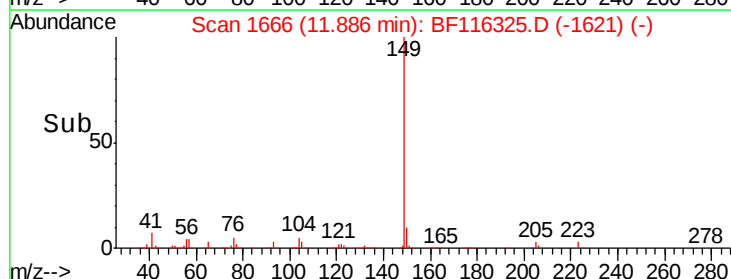
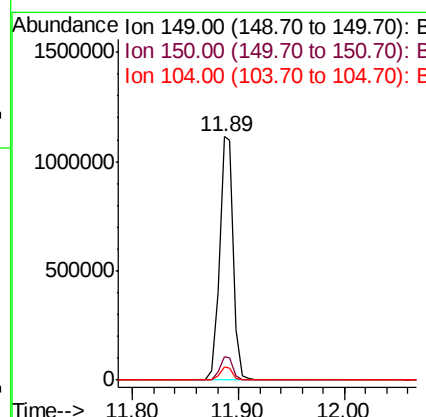
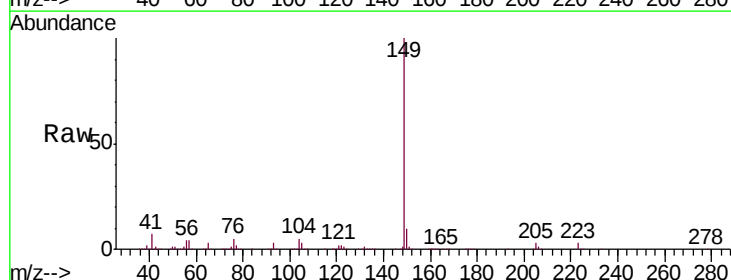
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

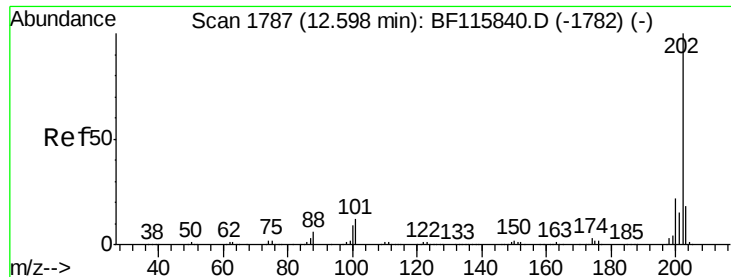
Tgt Ion:167 Resp: 853339
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.6
 139 13.9 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 45.307 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.04 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Tgt Ion:149 Resp: 1033656
 Ion Ratio Lower Upper
 149 100
 150 9.5 8.0 12.0
 104 5.3 4.5 6.7





#75

Fluoranthene

Concen: 42.252 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.04 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

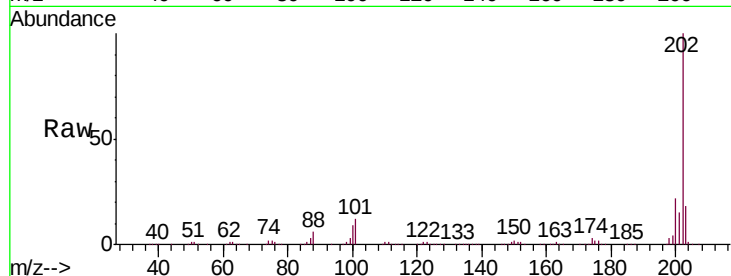
Tgt Ion: 202 Resp: 942192

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.2

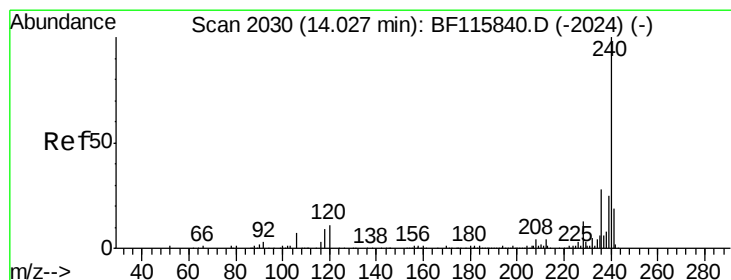
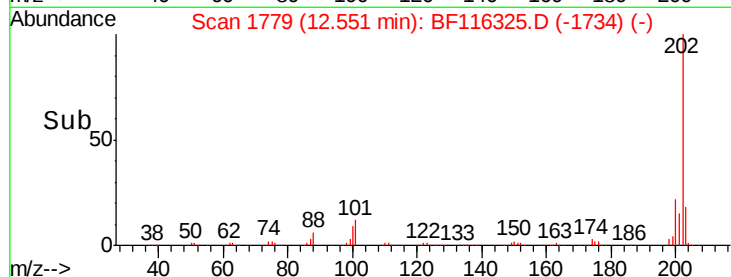
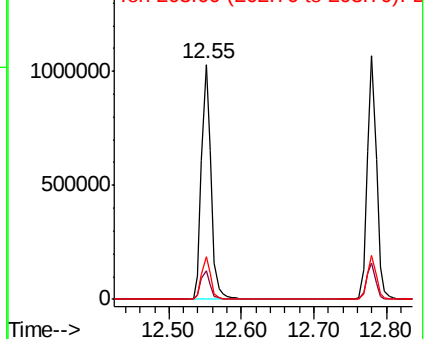
203 18.1 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.03 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

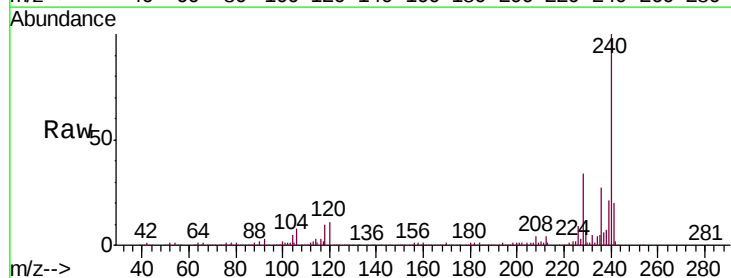
Tgt Ion: 240 Resp: 279342

Ion Ratio Lower Upper

240 100

120 11.2 10.7 16.1

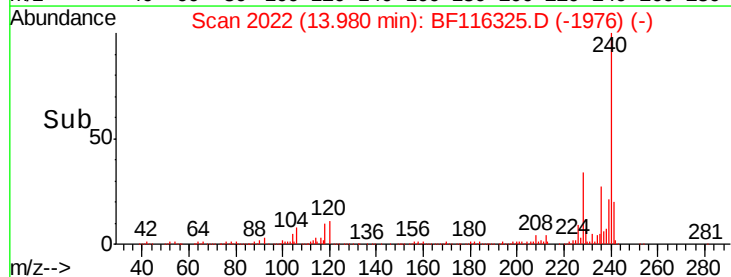
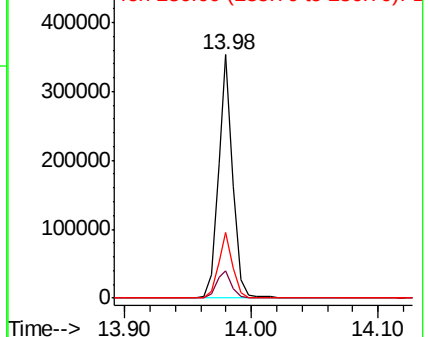
236 27.0 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.691 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.02 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

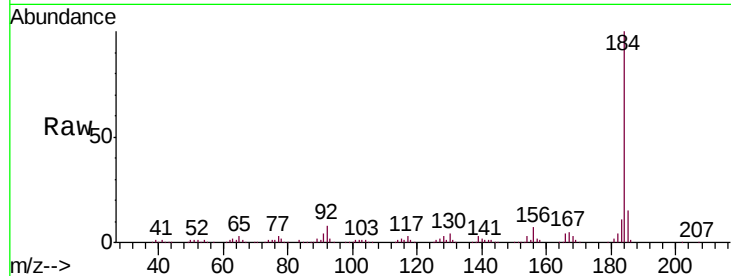
Tgt Ion:184 Resp: 336833

Ion Ratio Lower Upper

184 100

185 14.5 12.8 19.2

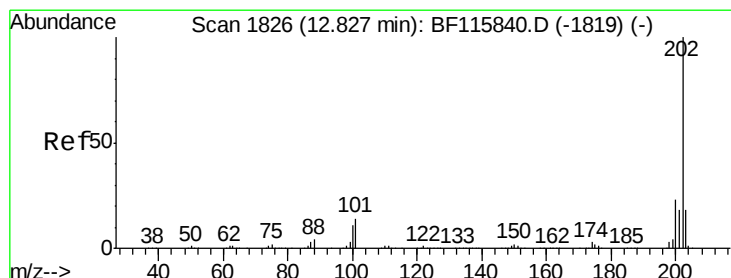
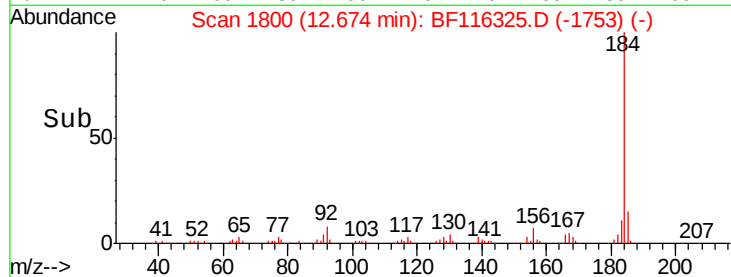
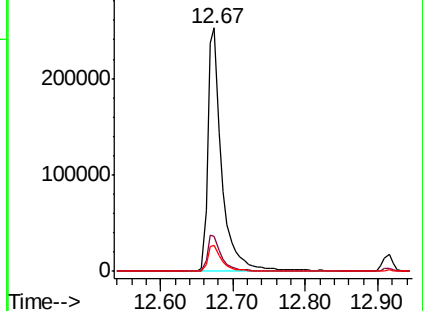
183 10.8 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.983 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.04 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

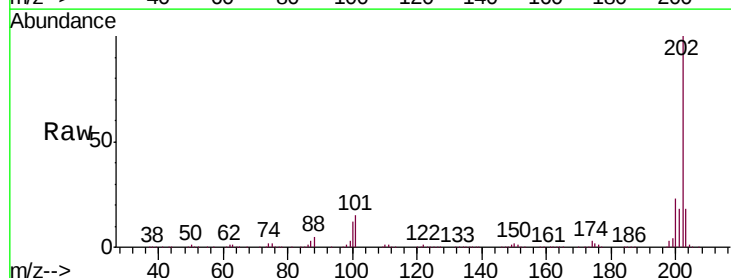
Tgt Ion:202 Resp: 947226

Ion Ratio Lower Upper

202 100

200 22.8 18.0 27.0

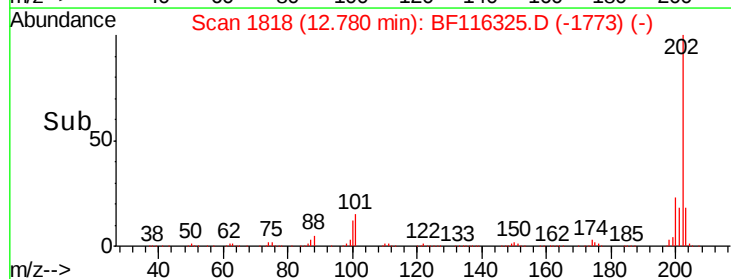
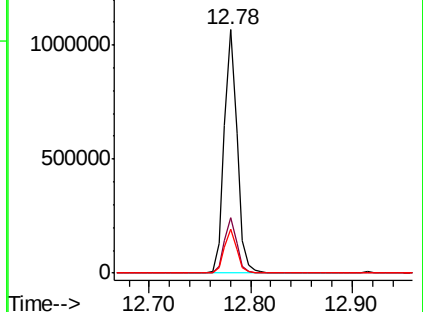
203 18.1 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.862 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.04 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

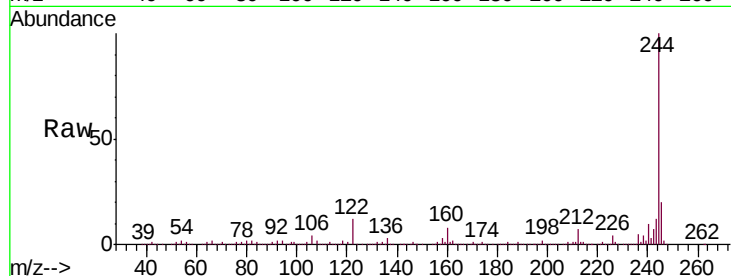
Tgt Ion:244 Resp: 1217795

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

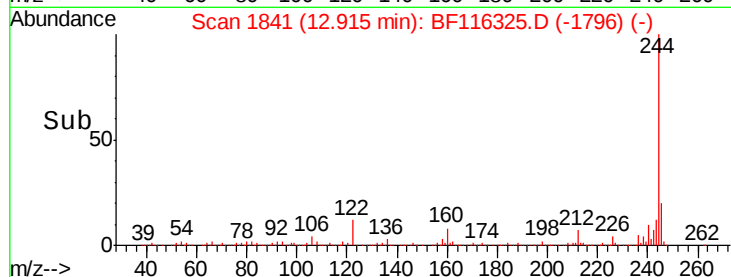
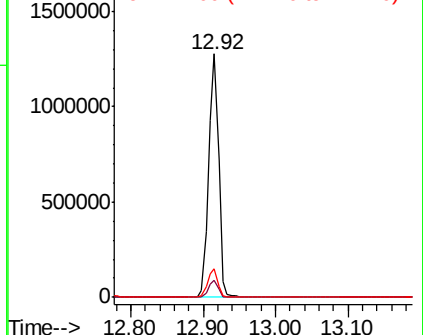
122 11.9 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.358 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.04 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

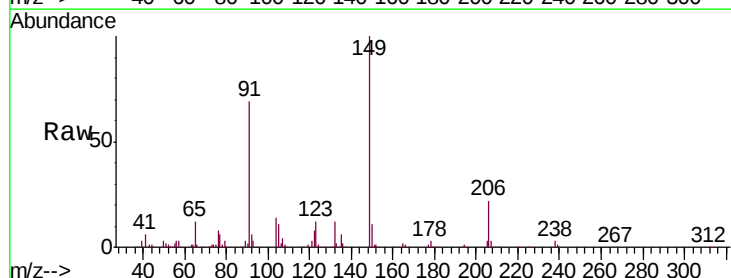
Tgt Ion:149 Resp: 404021

Ion Ratio Lower Upper

149 100

91 68.7 56.3 84.5

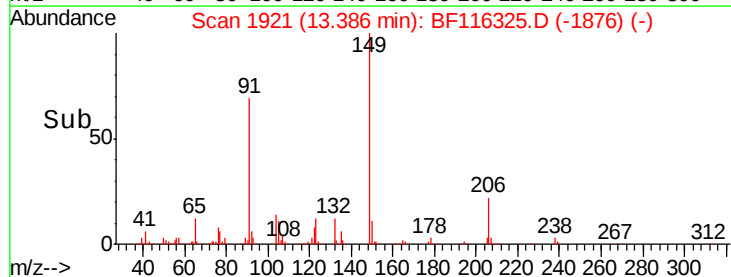
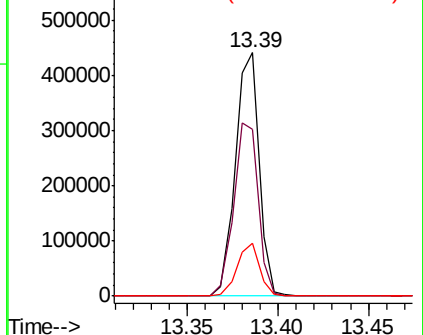
206 21.6 18.0 27.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.537 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.03 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

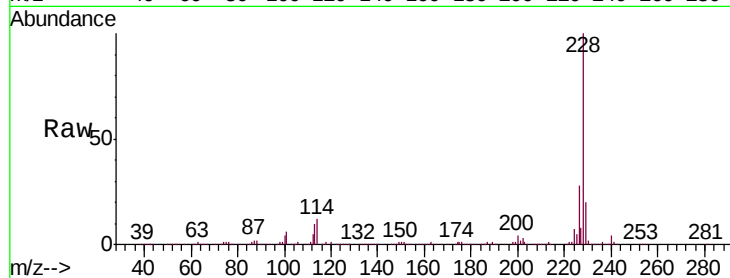
Tgt Ion:228 Resp: 759483

Ion Ratio Lower Upper

228 100

226 27.8 22.7 34.1

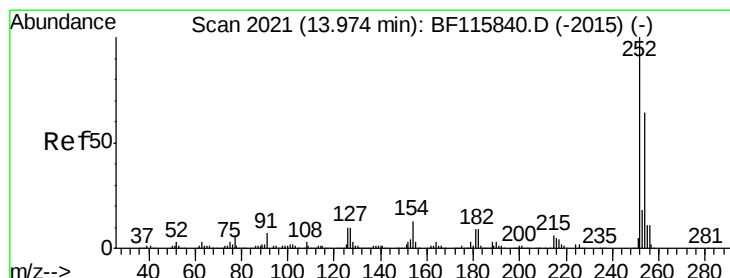
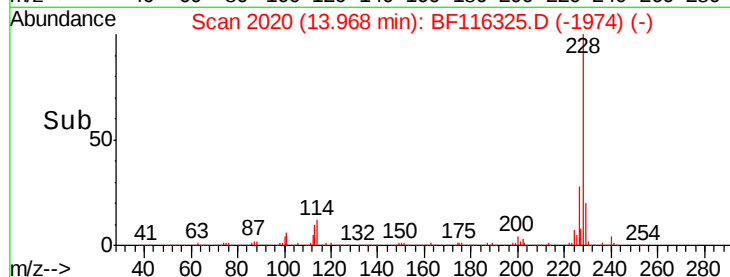
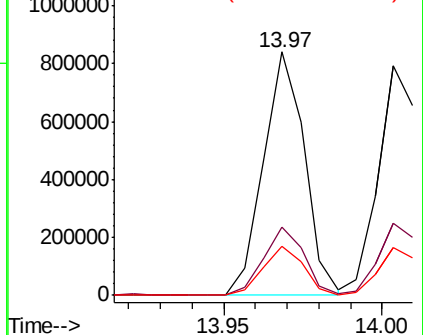
229 20.0 16.2 24.4



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: 40.483 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.04 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

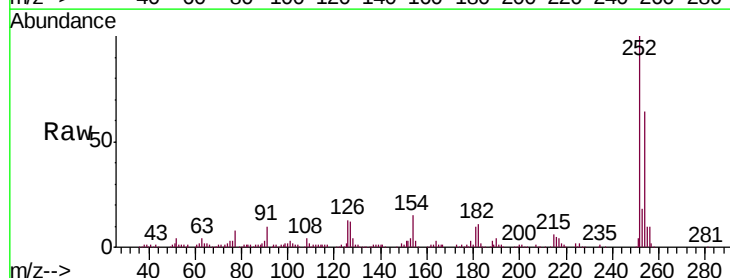
Tgt Ion:252 Resp: 251117

Ion Ratio Lower Upper

252 100

254 64.0 50.9 76.3

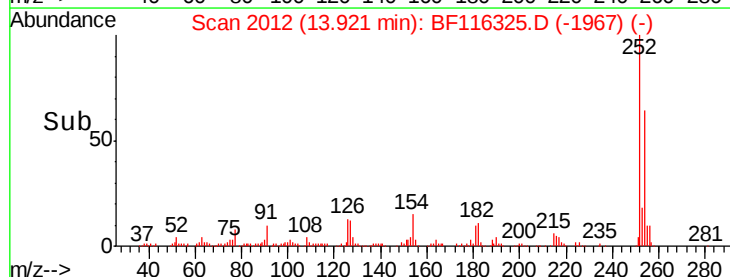
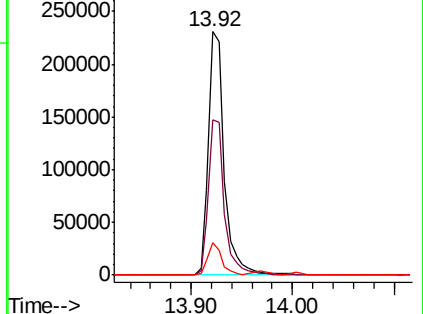
126 13.4 9.8 14.8

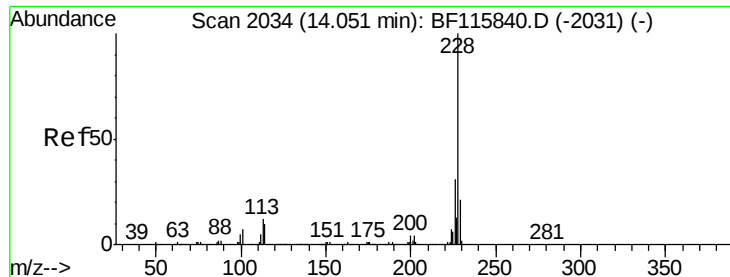


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.011 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.04 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

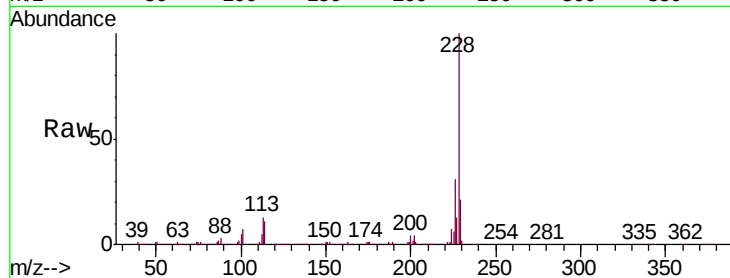
Tgt Ion:228 Resp: 745556

Ion Ratio Lower Upper

228 100

226 31.4 25.5 38.3

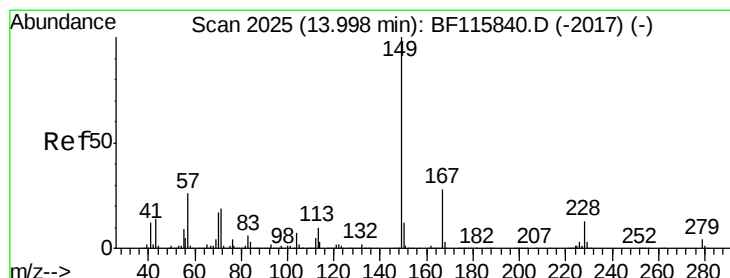
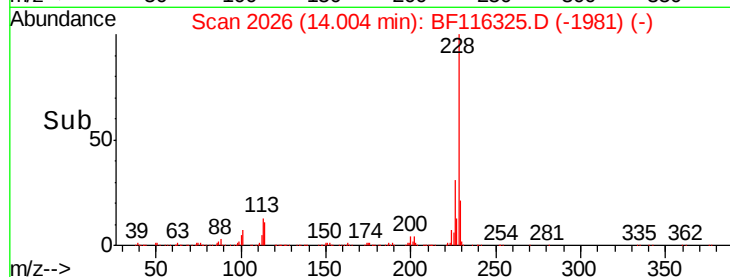
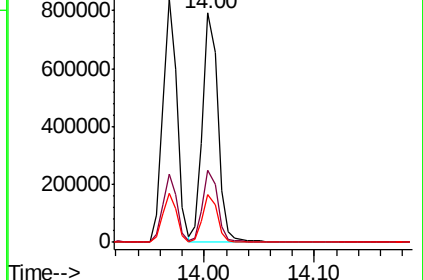
229 20.6 16.6 24.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.162 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.04 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

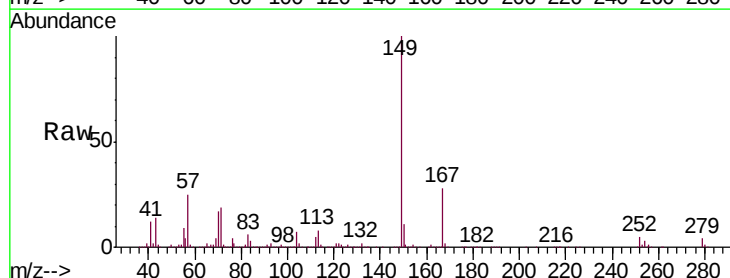
Tgt Ion:149 Resp: 545893

Ion Ratio Lower Upper

149 100

167 27.6 21.6 32.4

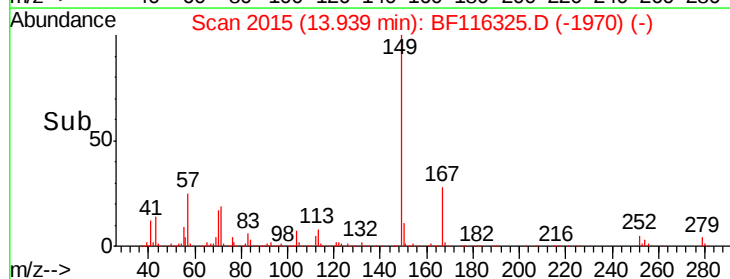
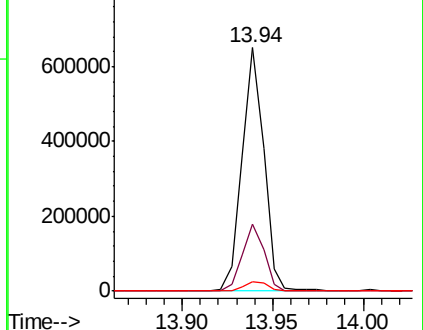
279 4.0 3.0 4.4

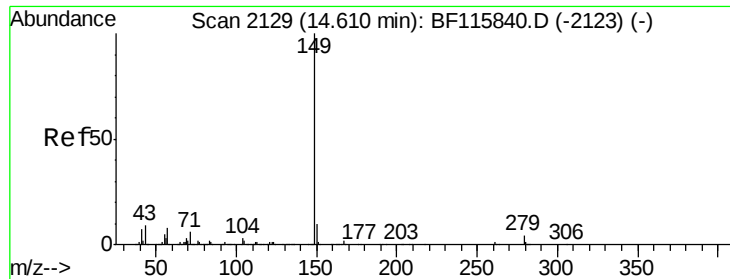


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.876 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.04 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

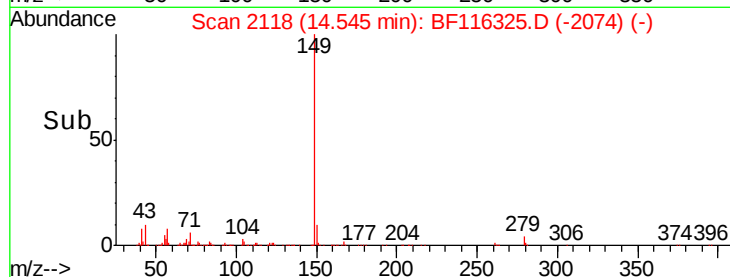
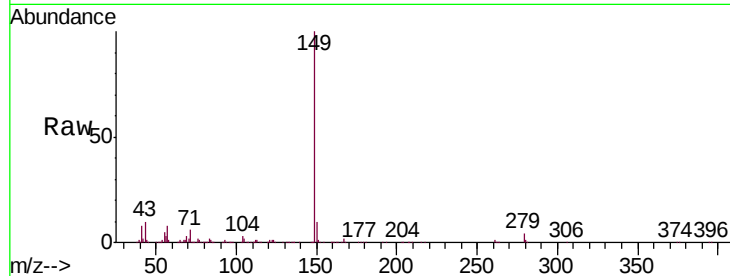
Tgt Ion:149 Resp: 843448

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

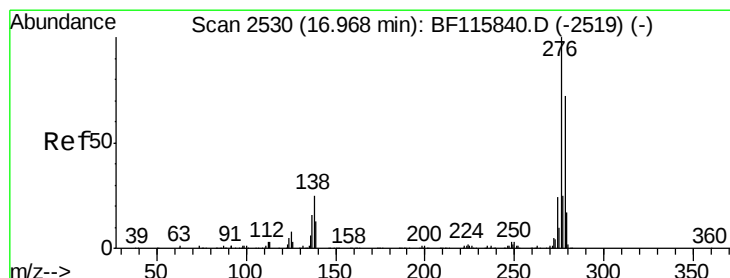
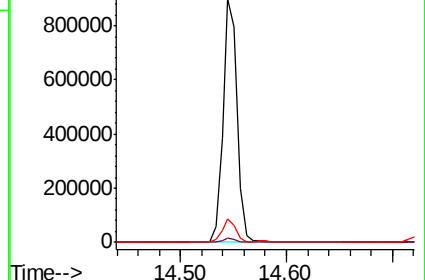
43 9.2 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.364 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.05 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

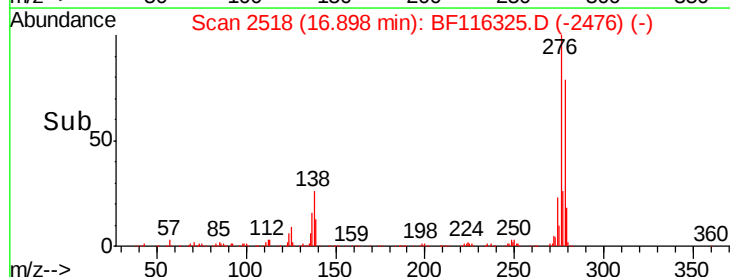
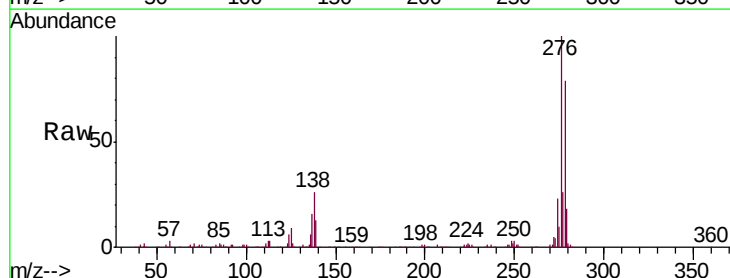
Tgt Ion:276 Resp: 631324

Ion Ratio Lower Upper

276 100

138 25.9 20.4 30.6

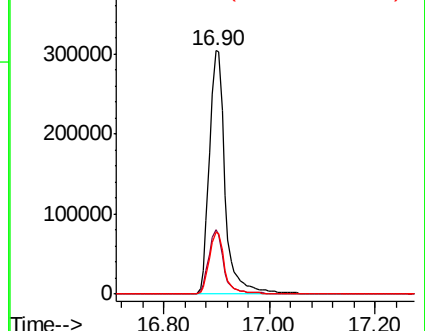
277 25.1 20.0 30.0

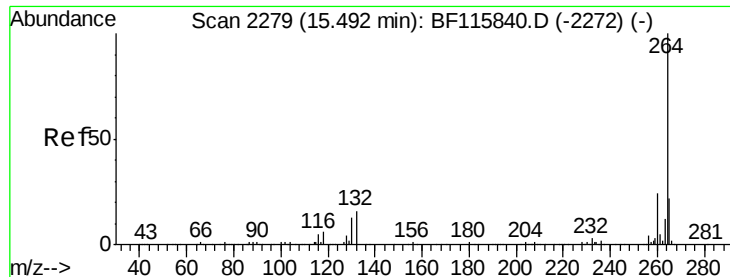


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



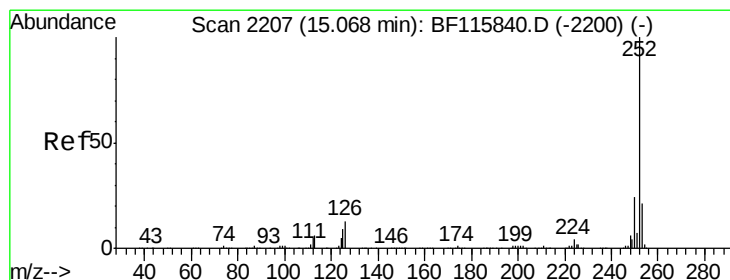
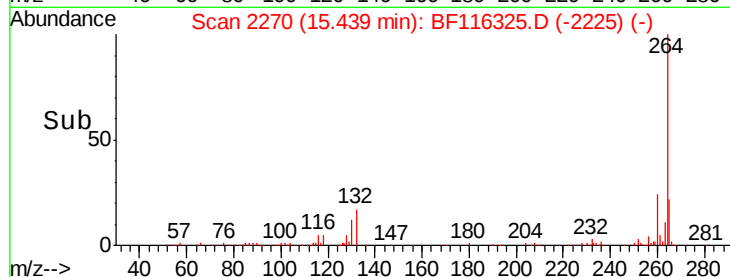
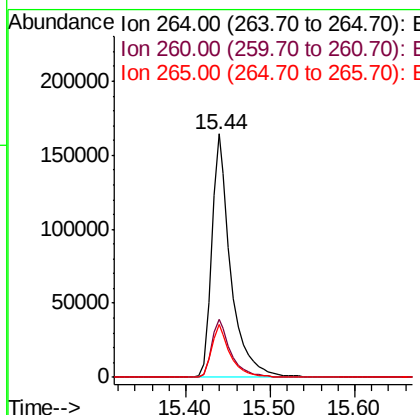
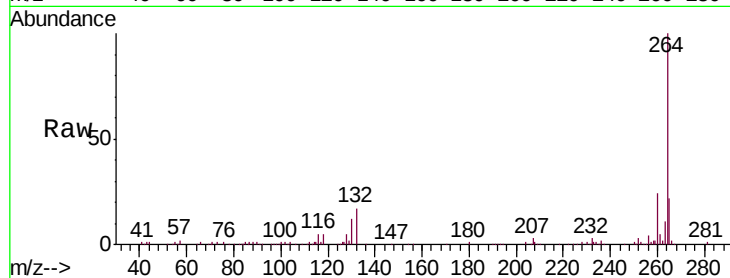


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 264 Resp: 260259

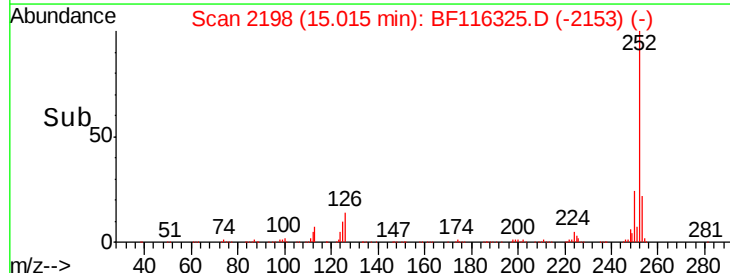
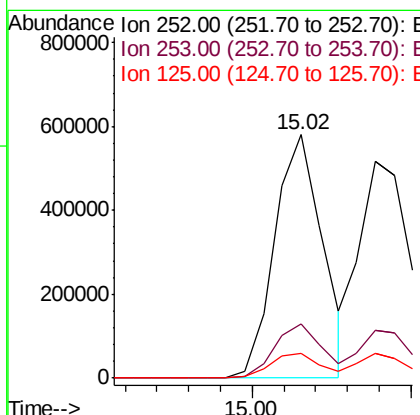
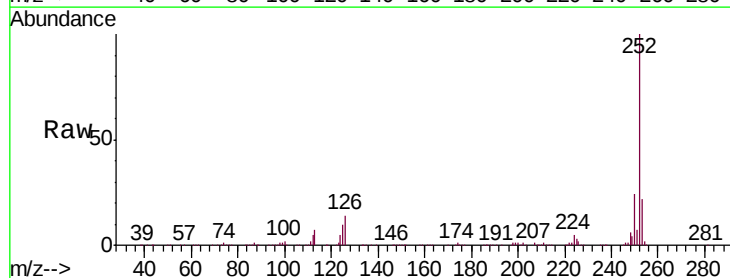
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.7	29.5
265	21.6	17.4	26.0



#88
Benzo(b)fluoranthene
Concen: 40.630 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion: 252 Resp: 611417

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	10.4	8.4	12.6

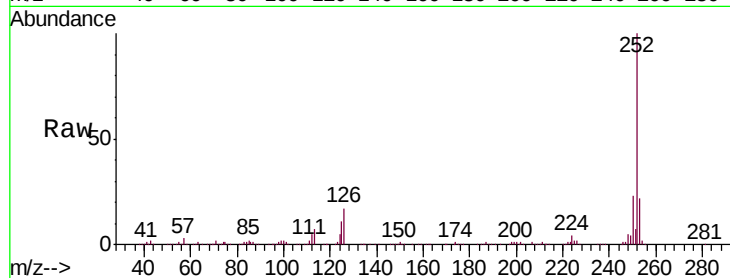




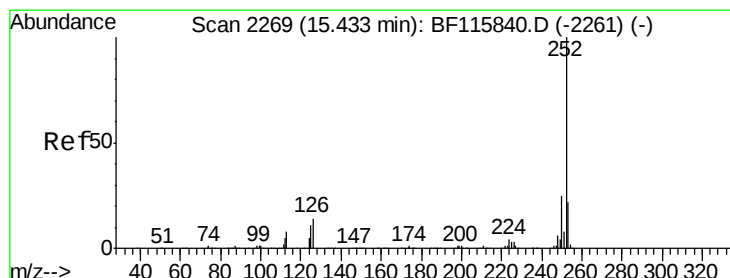
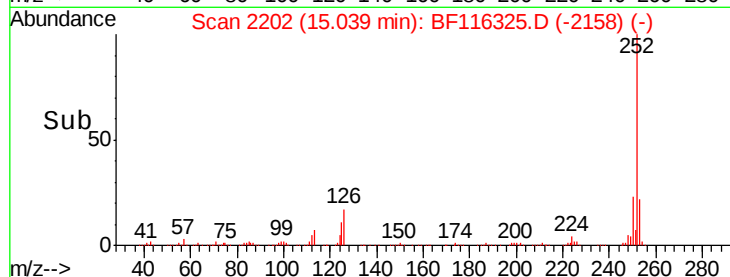
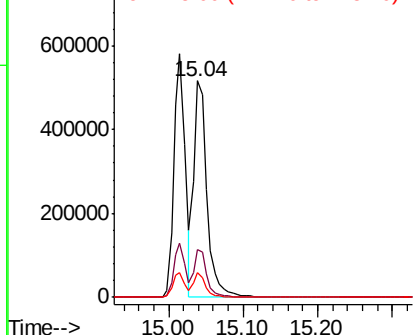
#89
Benzo(k)fluoranthene
Concen: 43.366 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 635626
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 11.4 7.7 11.5

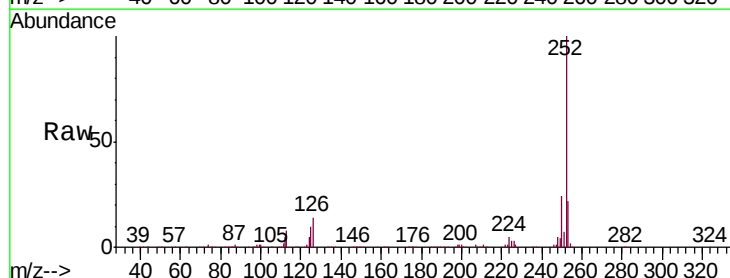


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

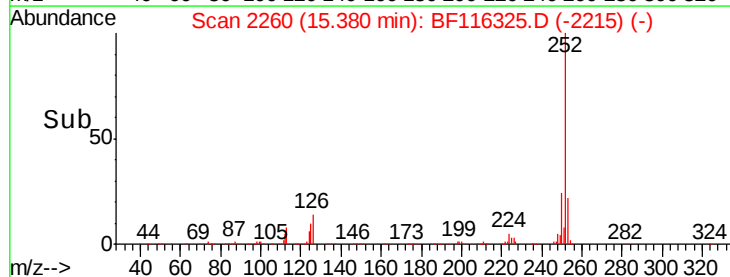
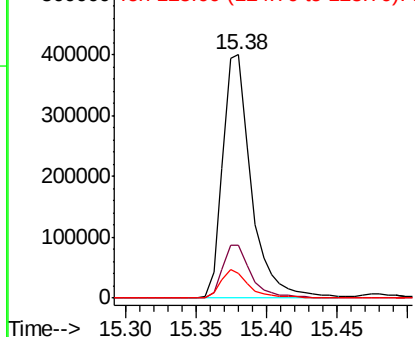


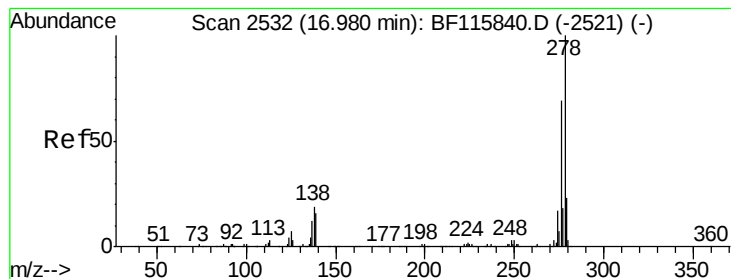
#90
Benzo(a)pyrene
Concen: 42.168 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.04 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion:252 Resp: 567249
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 10.2 8.9 13.3



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





#91

Dibenzo(a,h)anthracene

Concen: 44.924 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.06 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

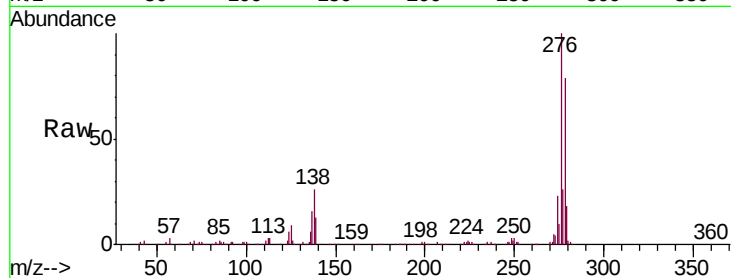
Tgt Ion: 278 Resp: 523113

Ion Ratio Lower Upper

278 100

139 16.5 12.8 19.2

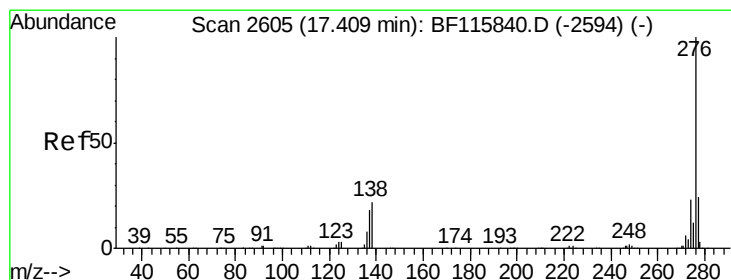
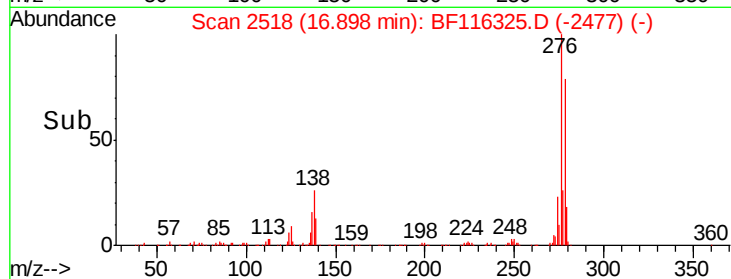
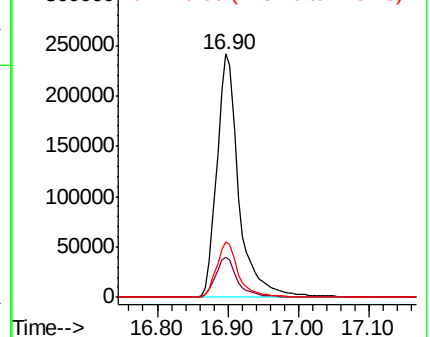
279 22.5 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.325 ng

RT: 17.34 min Scan# 2593

Delta R.T. -0.05 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

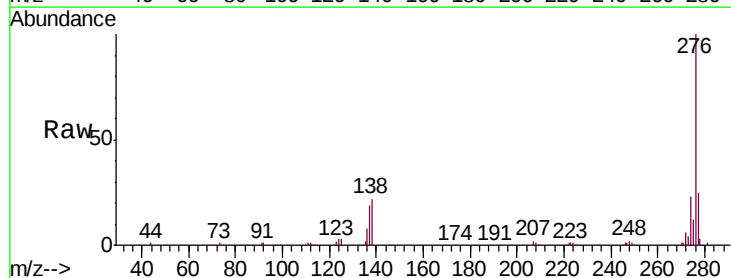
Tgt Ion: 276 Resp: 506897

Ion Ratio Lower Upper

276 100

277 24.9 18.4 27.6

138 21.8 17.0 25.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

