

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082619\
 Data File : BF116565.D
 Acq On : 26 Aug 2019 10:55
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 27 02:34:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	133642	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	540135	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	295094	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	523878	20.00	ng	0.00
76) Chrysene-d12	14.04	240	372856	20.00	ng	0.00
87) Perylene-d12	15.51	264	358211	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	628116	68.67	ng	0.00
7) Phenol-d6	6.51	99	817417	72.89	ng	0.00
23) Nitrobenzene-d5	7.45	82	785581	79.57	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	225753	89.09	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1408515	76.87	ng	0.00
79) Terphenyl-d14	12.99	244	1569523	78.63	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.68	88	134908	34.067	ng	98
3) Pyridine	3.43	79	397095	32.927	ng	100
4) n-Nitrosodimethylamine	3.38	42	153948	34.969	ng	99
6) Aniline	6.55	93	544850	35.885	ng	99
8) 2-Chlorophenol	6.67	128	346470	36.098	ng	97
9) Benzaldehyde	6.43	77	260856	34.812	ng	95
10) Phenol	6.53	94	459405	37.723	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	340739	36.747	ng	99
12) 1,3-Dichlorobenzene	6.83	146	390035	37.544	ng	96
13) 1,4-Dichlorobenzene	6.90	146	392992	39.305	ng	98
14) 1,2-Dichlorobenzene	7.06	146	368415	39.059	ng	98
15) Benzyl Alcohol	7.02	79	328928	36.242	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	439894	34.311	ng	98
17) 2-Methylphenol	7.13	107	298057	37.480	ng	99
18) Hexachloroethane	7.40	117	148471	38.074	ng	# 91
19) n-Nitroso-di-n-propylamine	7.30	70	263662	34.454	ng	96
20) 3+4-Methylphenols	7.29	107	370825	38.065	ng	93
22) Acetophenone	7.29	105	508044	37.615	ng	98
24) Nitrobenzene	7.46	77	394734	38.608	ng	97
25) Isophorone	7.70	82	709518	36.468	ng	98
26) 2-Nitrophenol	7.78	139	186283	49.880	ng	93
27) 2,4-Dimethylphenol	7.82	122	275789	35.392	ng	95
28) bis(2-Chloroethoxy)methane	7.91	93	443612	36.921	ng	99
29) 2,4-Dichlorophenol	8.02	162	297083	40.089	ng	100
30) 1,2,4-Trichlorobenzene	8.11	180	341901	40.982	ng	98
31) Naphthalene	8.19	128	1030989	39.457	ng	100
32) Benzoic acid	7.93	122	194253	38.994	ng	95
33) 4-Chloroaniline	8.23	127	457949	39.923	ng	97
34) Hexachlorobutadiene	8.31	225	194781	42.811	ng	98
35) Caprolactam	8.60	113	97784	37.882	ng	93
36) 4-Chloro-3-methylphenol	8.71	107	323129	38.645	ng	96
37) 2-Methylnaphthalene	8.87	142	693137	38.635	ng	99
38) 1-Methylnaphthalene	8.97	142	663119	39.568	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	316439	39.857	ng	99

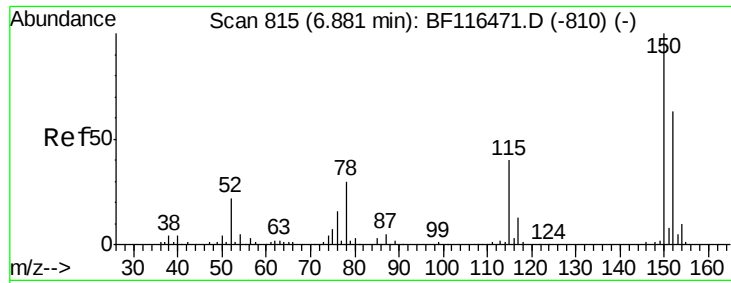
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082619\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	181315	42.447	nq	98
43) 2,4,6-Trichlorophenol	9.15	196	223930	40.300	nq	97
44) 2,4,5-Trichlorophenol	9.19	196	227801	40.292	nq	94
46) 1,1'-Biphenyl	9.34	154	898444	38.081	nq	99
47) 2-Chloronaphthalene	9.36	162	697987	38.161	nq	98
48) 2-Nitroaniline	9.45	65	228959	40.883	nq	95
49) Acenaphthylene	9.78	152	1032487	38.583	nq	99
50) Dimethylphthalate	9.64	163	816077	39.637	nq	100
51) 2,6-Dinitrotoluene	9.70	165	179044	42.486	nq	90
52) Acenaphthene	9.95	154	688466	40.094	nq	99
53) 3-Nitroaniline	9.86	138	211894	42.182	nq	99
54) 2,4-Dinitrophenol	9.97	184	89589	56.999	nq	# 1
55) Dibenzofuran	10.13	168	931776	38.927	nq	98
56) 4-Nitrophenol	10.02	139	162684	41.666	nq	96
57) 2,4-Dinitrotoluene	10.10	165	240158	44.785	nq	93
58) Fluorene	10.47	166	710070	38.182	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	195180	42.044	nq	98
60) Diethylphthalate	10.34	149	810140	40.034	nq	98
61) 4-Chlorophenyl-phenylether	10.46	204	354720	39.098	nq	97
62) 4-Nitroaniline	10.48	138	212183	43.188	nq	93
63) Azobenzene	10.62	77	785496	37.752	nq	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	114752	52.628	nq	76
66) n-Nitrosodiphenylamine	10.57	169	645400	38.047	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	221014	40.241	nq	93
68) Hexachlorobenzene	11.02	284	240942	39.663	nq	# 90
69) Atrazine	11.10	200	211608	41.635	nq	98
70) Pentachlorophenol	11.20	266	149924	42.301	nq	99
71) Phenanthrene	11.43	178	1097575	38.459	nq	100
72) Anthracene	11.48	178	1108610	38.658	nq	100
73) Carbazole	11.63	167	986573	38.326	nq	99
74) Di-n-butylphthalate	11.96	149	1281552	40.177	nq	99
75) Fluoranthene	12.62	202	1134046	38.436	nq	99
77) Benzidine	12.73	184	566551	37.767	nq	99
78) Pyrene	12.84	202	1146702	38.457	nq	99
80) Butylbenzylphthalate	13.46	149	542057	42.094	nq	98
81) Benzo(a)anthracene	14.03	228	940808	38.959	nq	99
82) 3,3'-Dichlorobenzidine	13.99	252	340651	39.584	nq	97
83) Chrysene	14.07	228	940718	38.434	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	727462	42.365	nq	99
85) Di-n-octyl phthalate	14.63	149	1214443	41.659	nq	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	730423	34.837	nq	98
88) Benzo(b)fluoranthene	15.08	252	844807	38.177	nq	98
89) Benzo(k)fluoranthene	15.11	252	835963	41.699	nq	99
90) Benzo(a)pyrene	15.44	252	753119	38.508	nq	99
91) Dibenzo(a,h)anthracene	17.00	278	609574	37.931	nq	98
92) Benzo(g,h,i)perylene	17.42	276	569000	37.139	nq	96

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

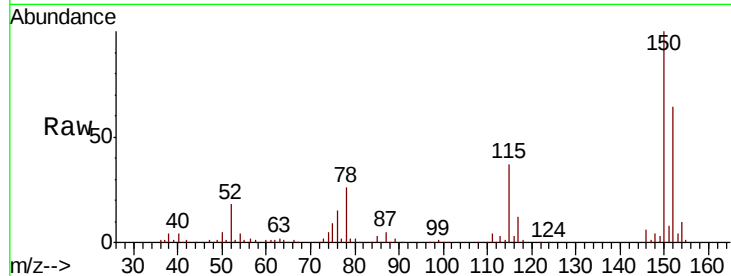


#1

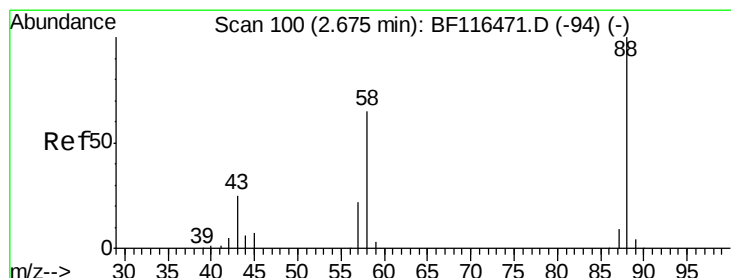
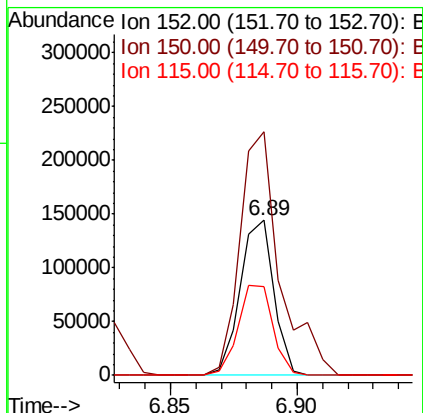
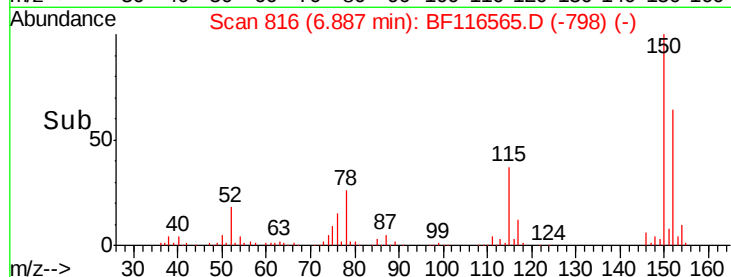
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.01 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:152 Resp: 133642
 Ion Ratio Lower Upper
 152 100
 150 157.1 126.7 190.1
 115 57.4 50.9 76.3



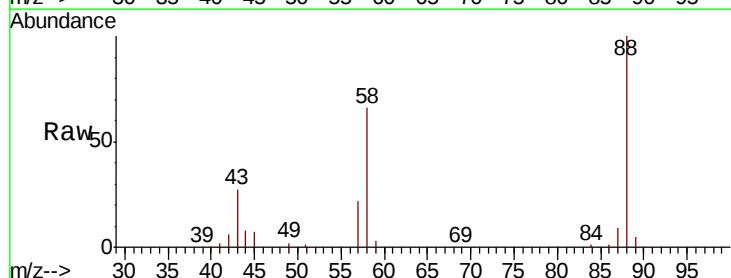
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



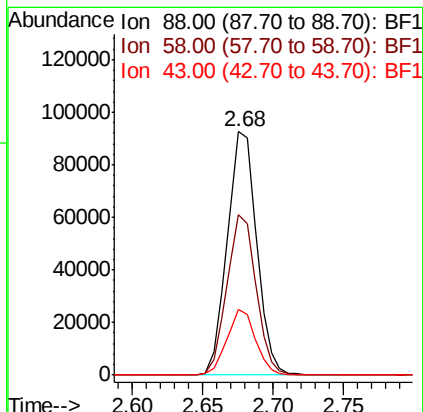
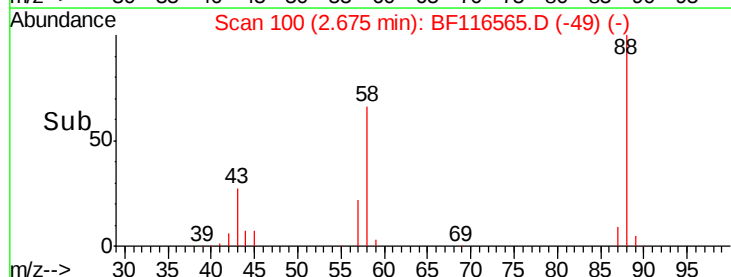
#2

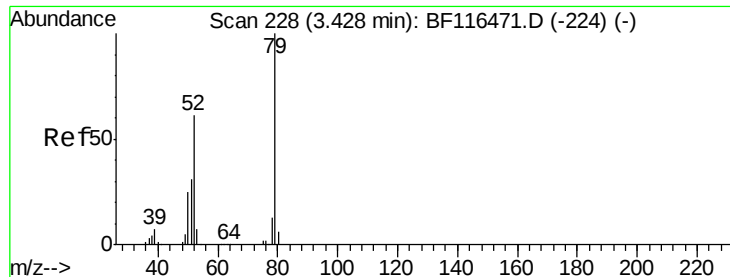
1,4-Dioxane
 Concen: 34.067 ng
 RT: 2.68 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

Tgt Ion: 88 Resp: 134908
 Ion Ratio Lower Upper
 88 100
 58 65.0 53.4 80.0
 43 26.2 21.2 31.8



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

Pvridine

Concen: 32.927 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

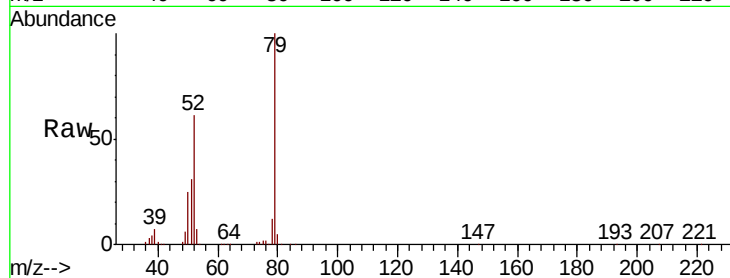
Tot Ion: 79 Resp: 397095

Ion Ratio Lower Upper

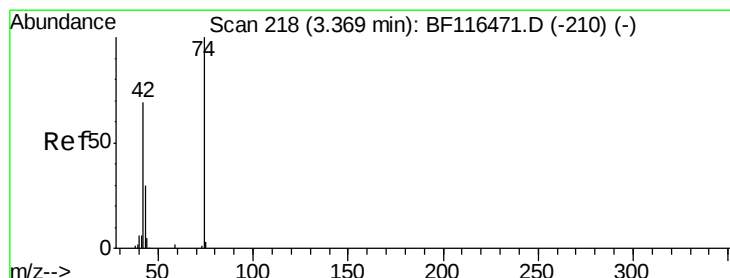
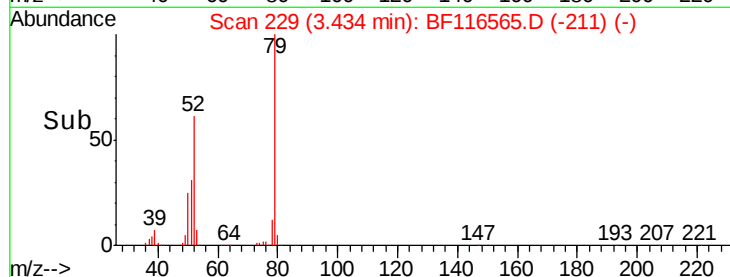
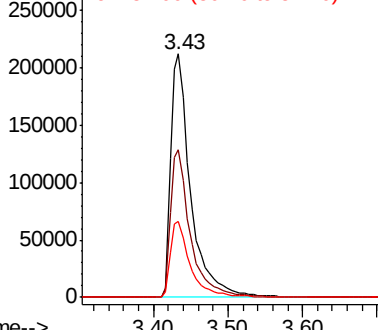
79 100

52 60.9 48.8 73.2

51 30.9 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: 34.969 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

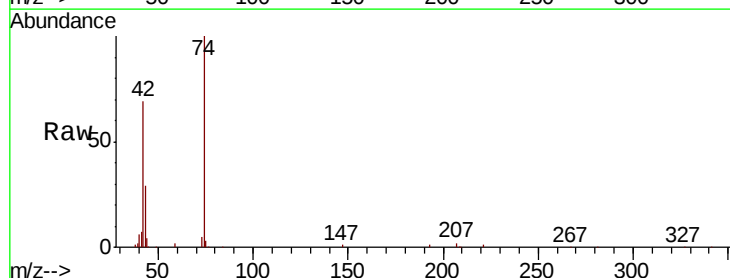
Tgt Ion: 42 Resp: 153948

Ion Ratio Lower Upper

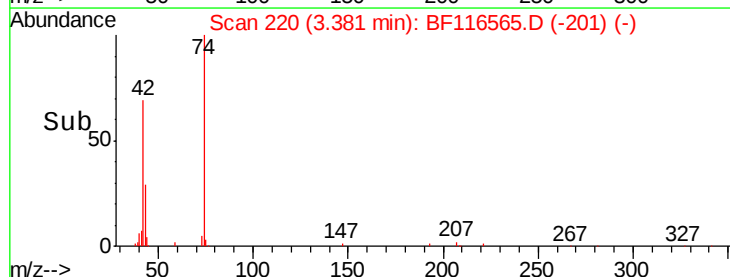
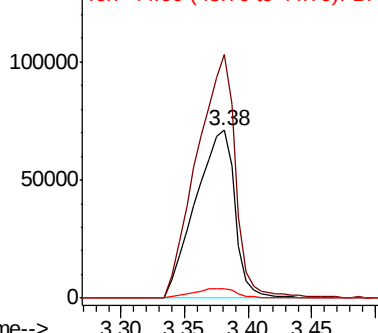
42 100

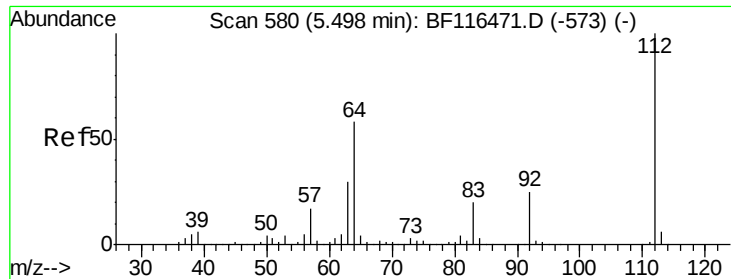
74 145.1 115.3 172.9

44 5.8 5.8 8.8



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: 68.674 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

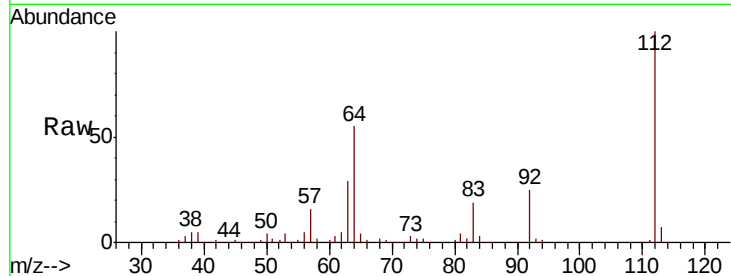
Tot Ion: 112 Resp: 628116

Ion Ratio Lower Upper

112 100

64 54.9 46.3 69.5

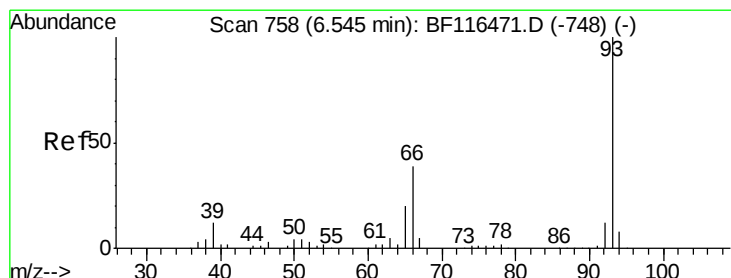
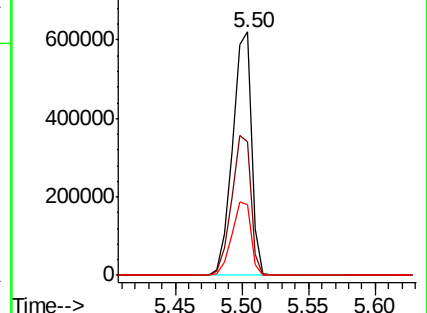
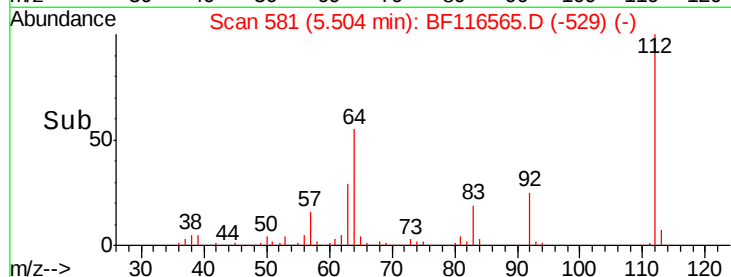
63 28.8 24.2 36.4



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: 35.885 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

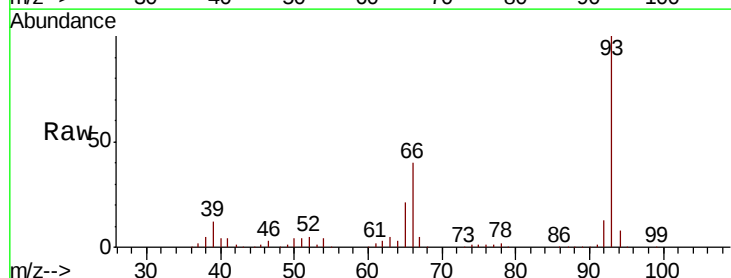
Tgt Ion: 93 Resp: 544850

Ion Ratio Lower Upper

93 100

66 40.5 32.2 48.2

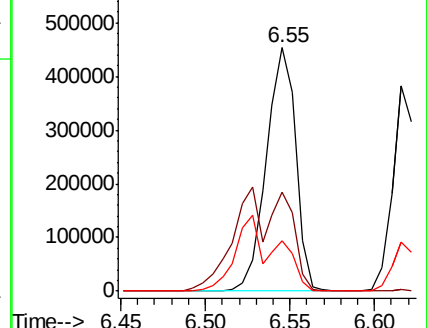
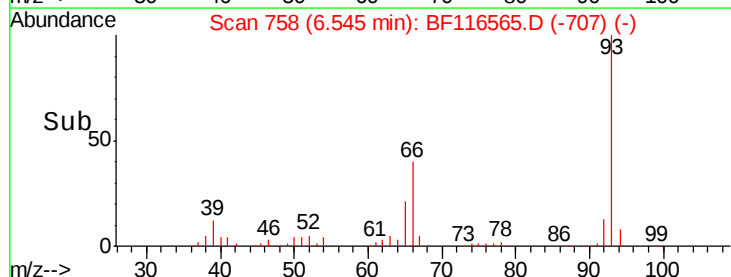
65 20.8 16.3 24.5

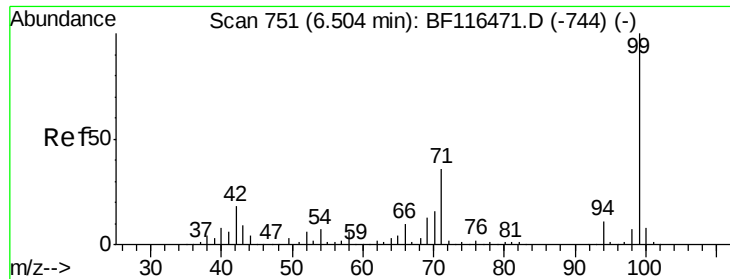


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.887 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

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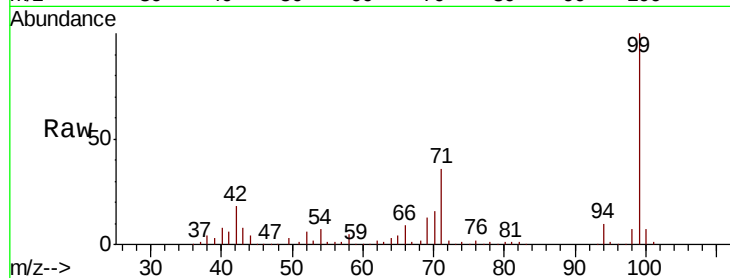
Tot Ion: 99 Resp: 817417

Ion Ratio Lower Upper

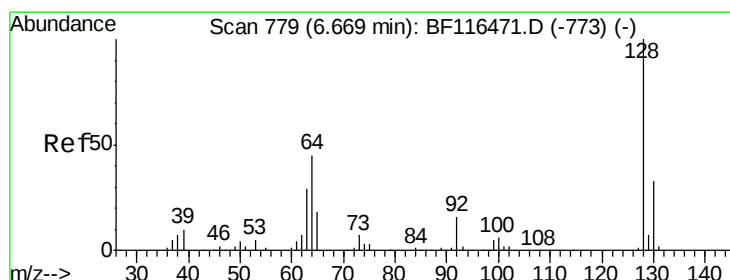
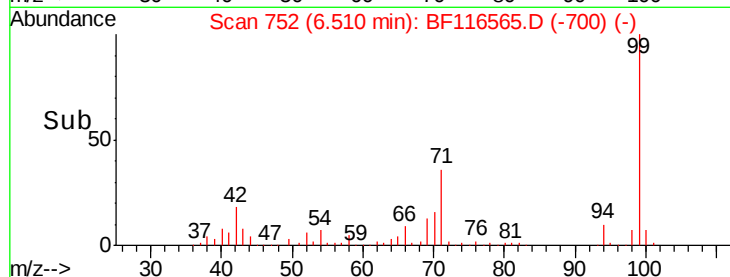
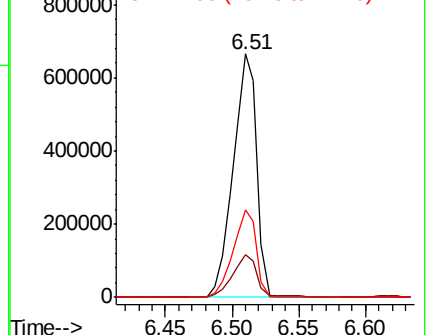
99 100

42 17.5 14.6 21.8

71 35.7 28.5 42.7



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: 36.098 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

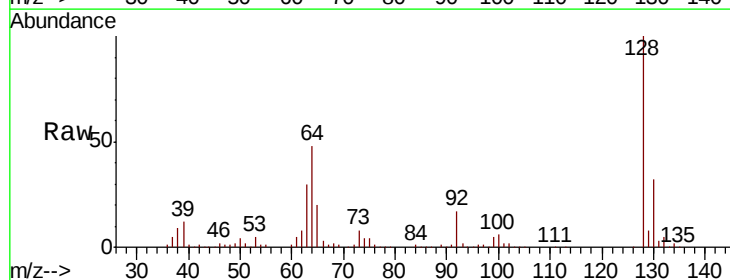
Tgt Ion: 128 Resp: 346470

Ion Ratio Lower Upper

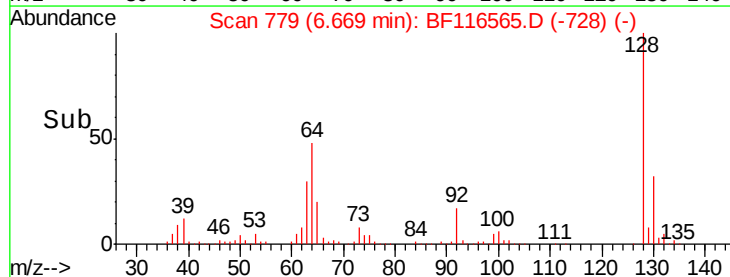
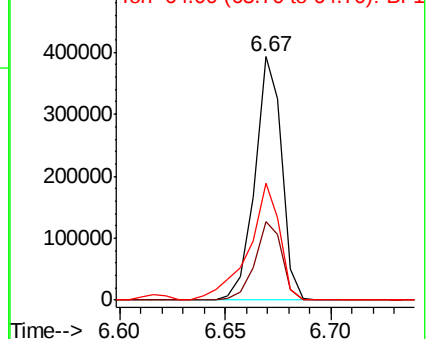
128 100

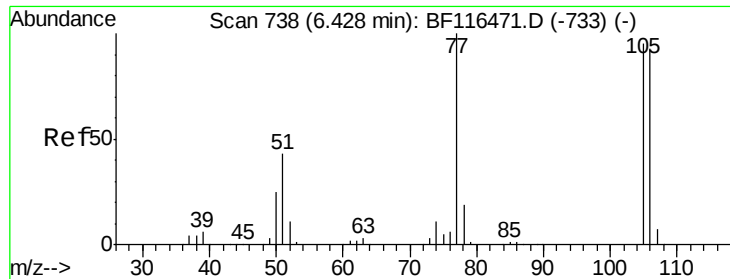
130 32.1 13.4 53.4

64 48.2 26.3 66.3



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: 34.812 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

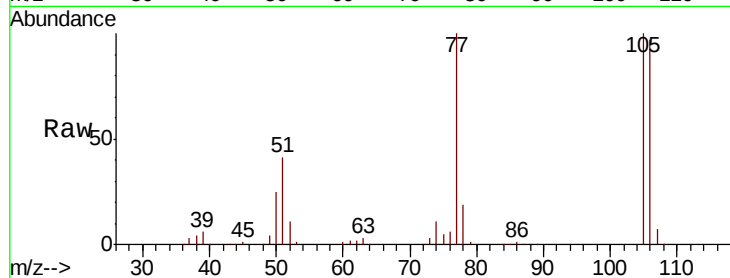
Tot Ion: 77 Resp: 260856

Ion Ratio Lower Upper

77 100

105 100.4 75.5 115.5

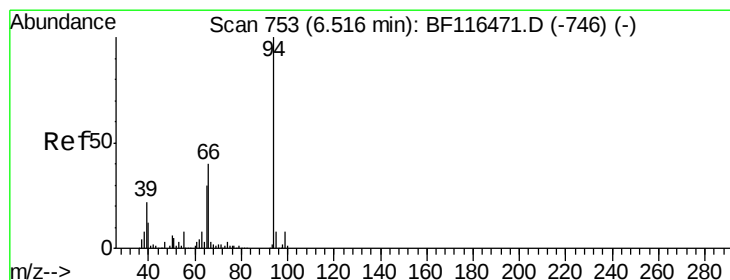
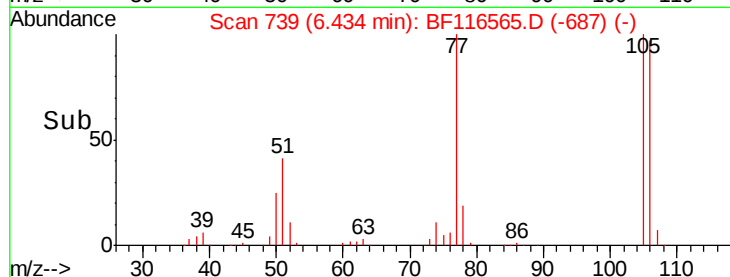
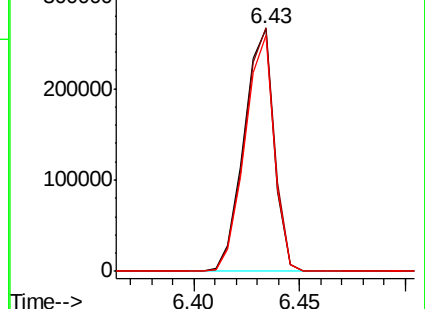
106 97.4 73.2 113.2



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: 37.723 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

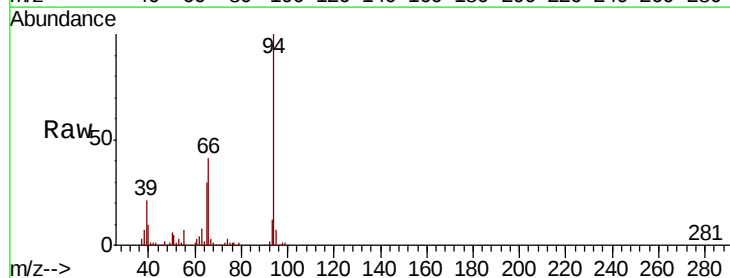
Tgt Ion: 94 Resp: 459405

Ion Ratio Lower Upper

94 100

65 29.5 10.0 50.0

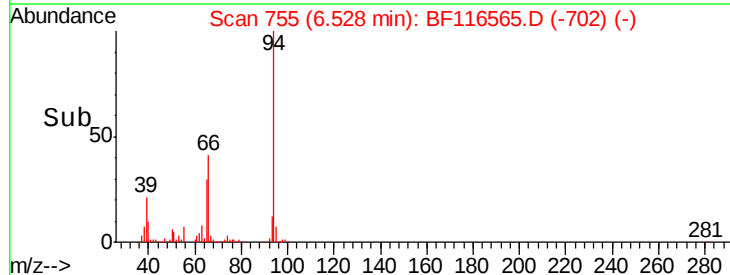
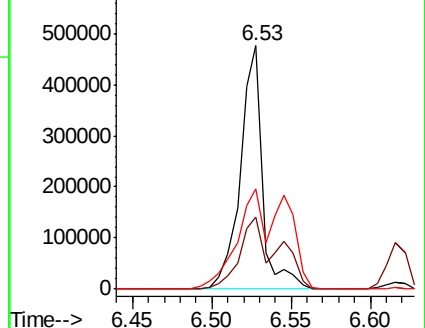
66 40.9 19.8 59.8

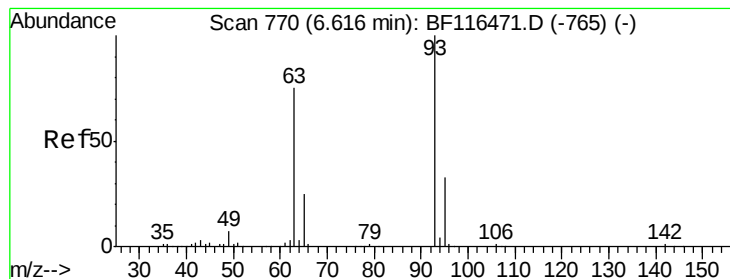


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.747 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

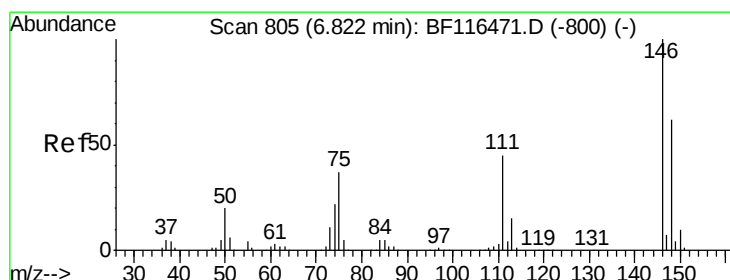
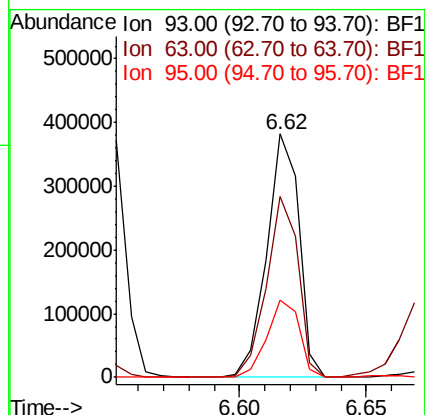
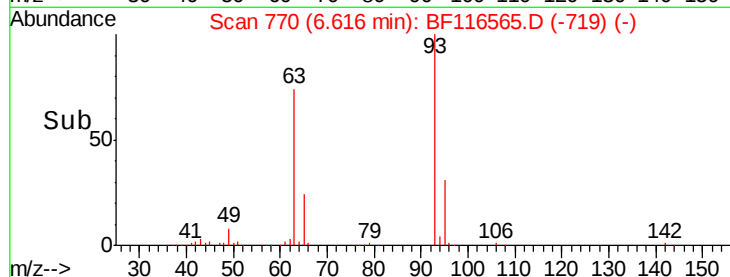
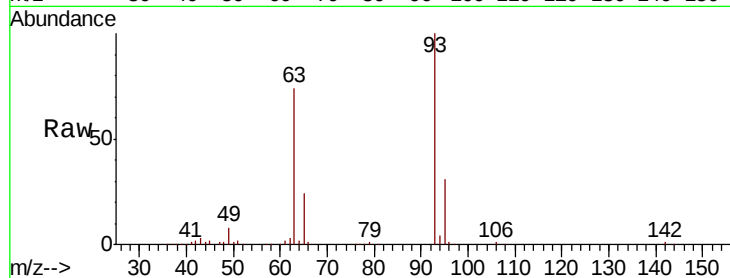
Tot Ion: 93 Resp: 340739

Ion Ratio Lower Upper

93 100

63 74.1 54.3 94.3

95 31.5 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 37.544 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

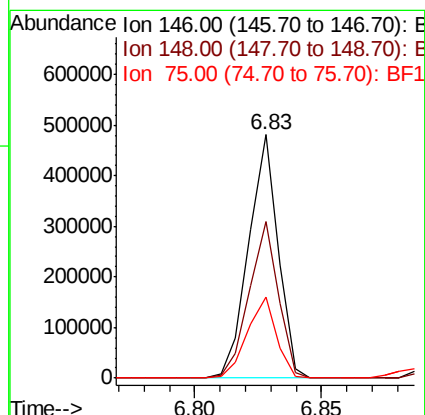
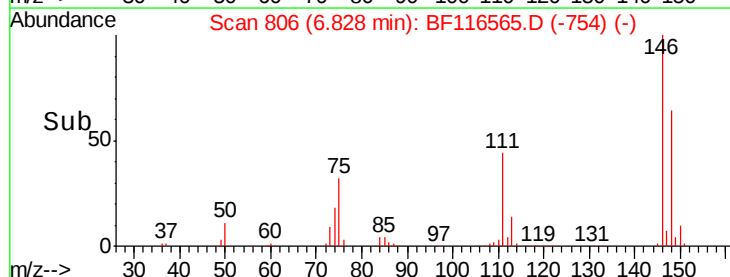
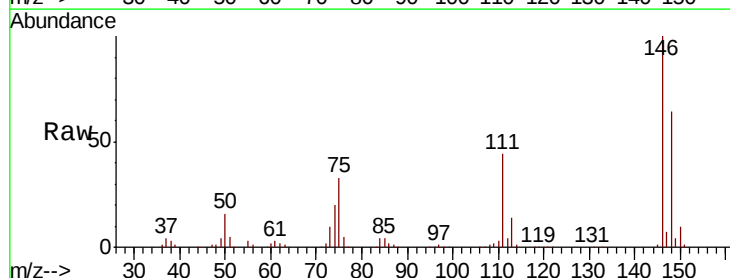
Tgt Ion: 146 Resp: 390035

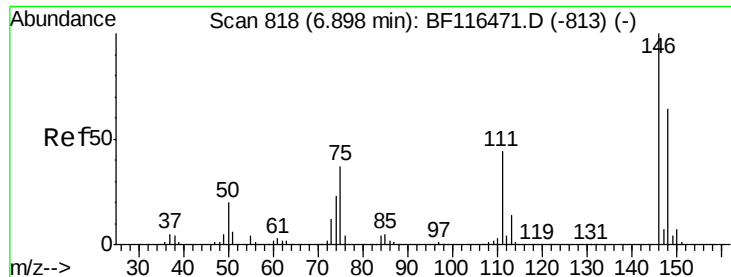
Ion Ratio Lower Upper

146 100

148 64.4 49.8 74.8

75 33.4 29.3 43.9

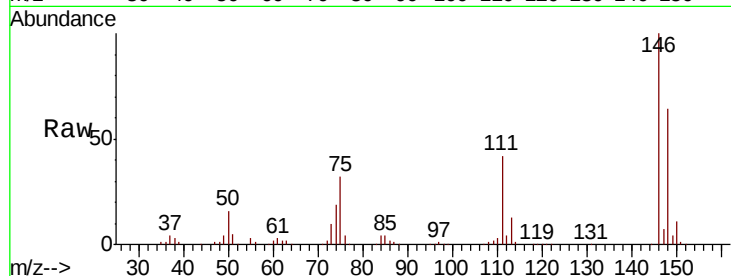




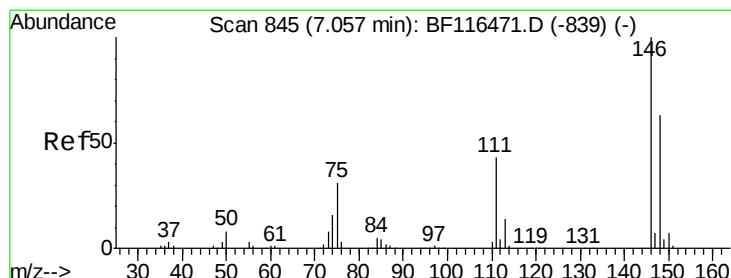
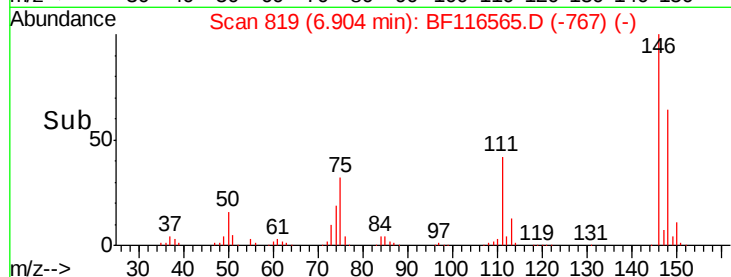
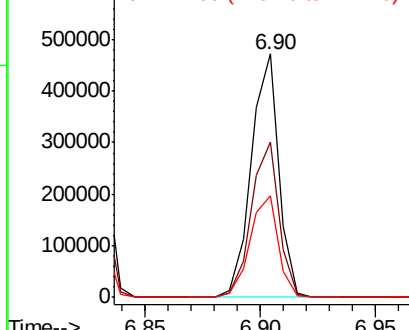
#13
 1,4-Dichlorobenzene
 Concen: 39.305 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 392992
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.0 76.4
 111 41.7 35.4 53.2

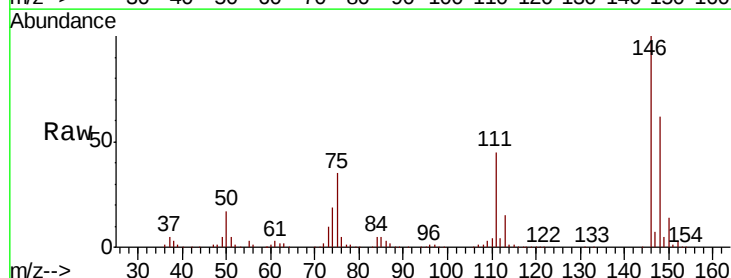


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

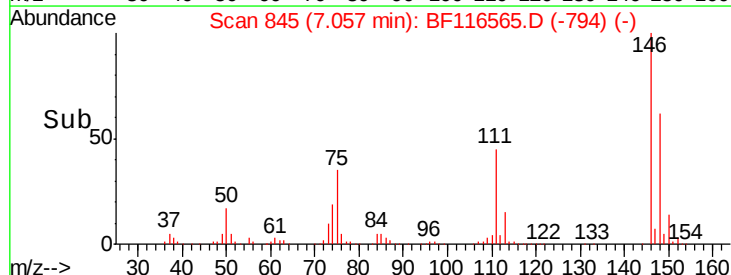
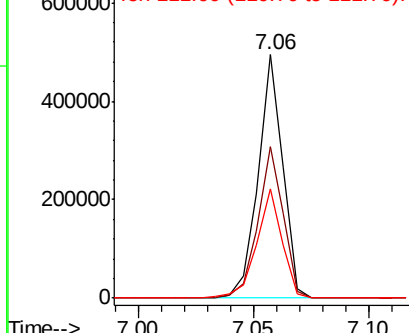


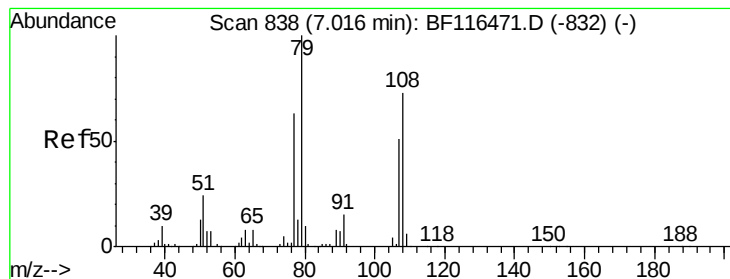
#14
 1,2-Dichlorobenzene
 Concen: 39.059 ng
 RT: 7.06 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

Tgt Ion:146 Resp: 368415
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.8 76.2
 111 44.8 34.5 51.7



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: 36.242 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

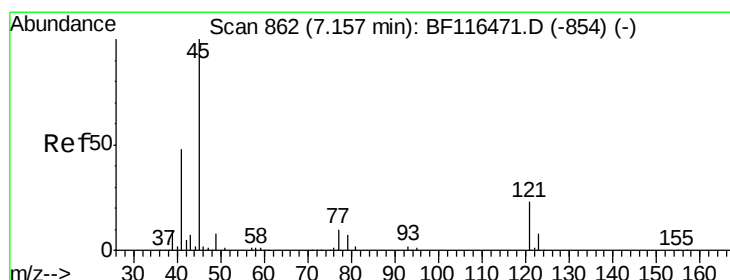
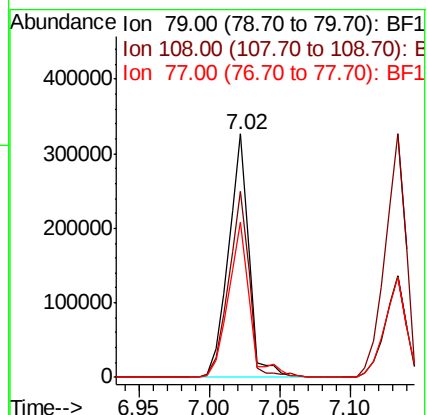
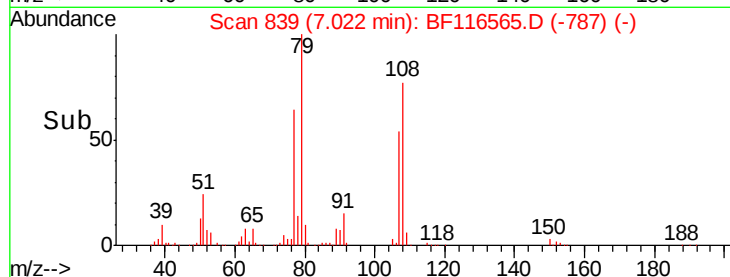
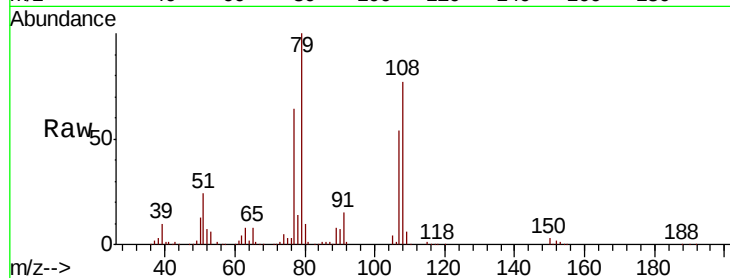
Tot Ion: 79 Resp: 328928

Ion Ratio Lower Upper

79 100

108 76.6 58.1 87.1

77 63.7 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.311 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

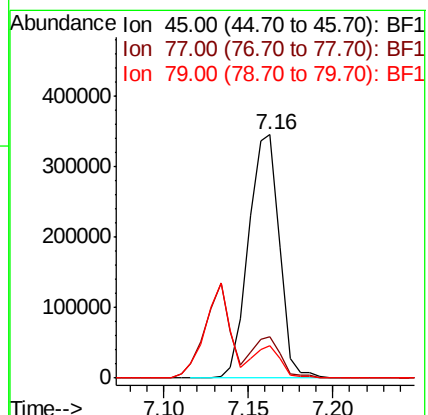
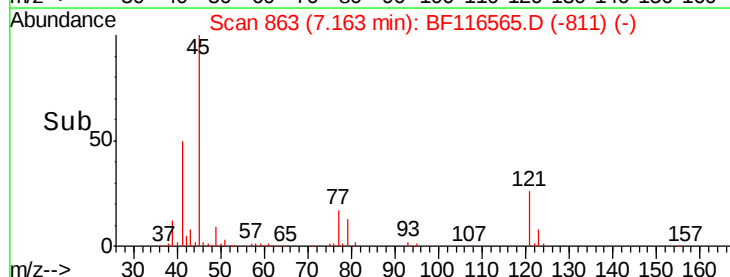
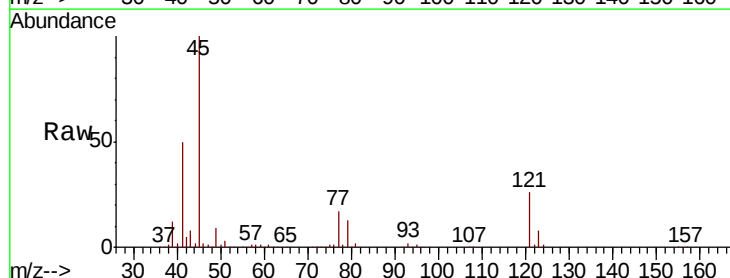
Tgt Ion: 45 Resp: 439894

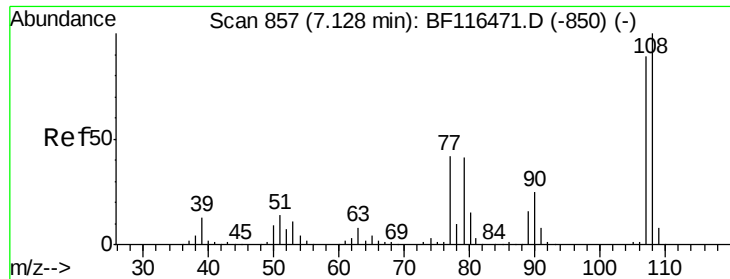
Ion Ratio Lower Upper

45 100

77 16.7 0.0 36.1

79 13.1 0.0 32.3





#17

2-Methylphenol

Concen: 37.480 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 298057

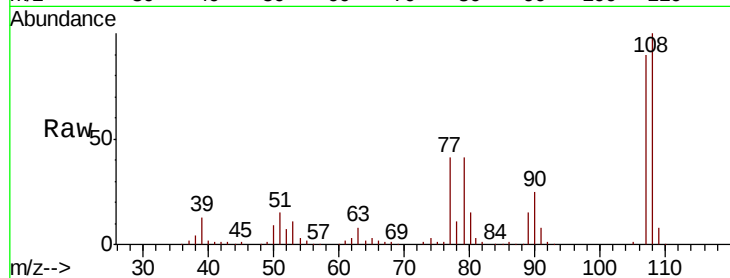
Ion Ratio Lower Upper

107 100

108 110.7 90.0 135.0

77 45.9 37.6 56.4

79 45.9 36.8 55.2

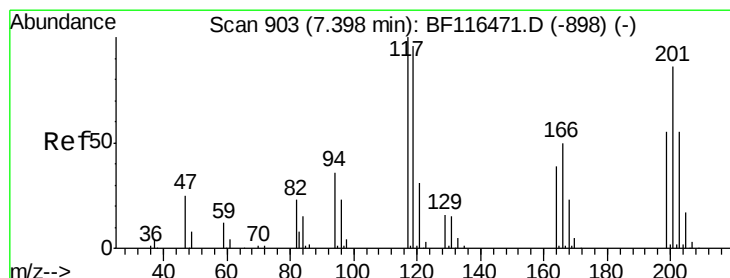
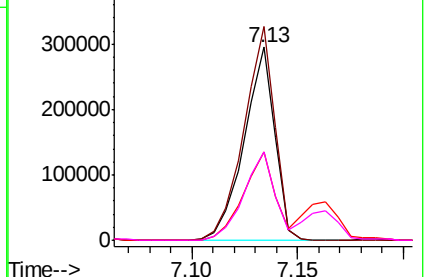
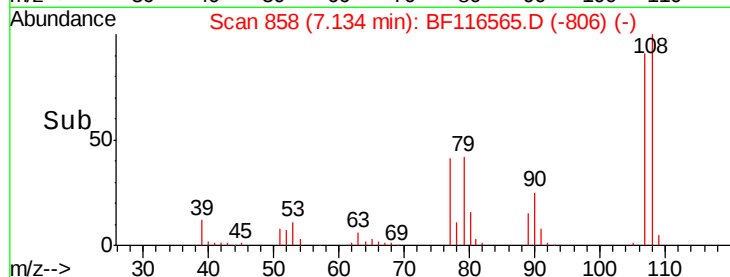


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.074 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

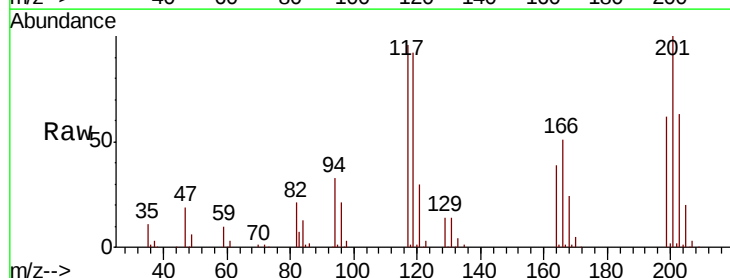
Tgt Ion:117 Resp: 148471

Ion Ratio Lower Upper

117 100

119 96.2 77.0 115.6

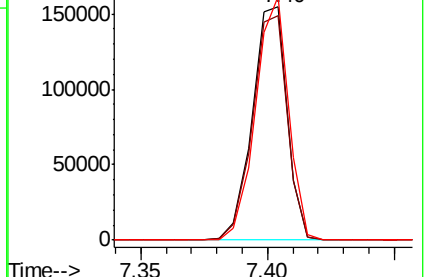
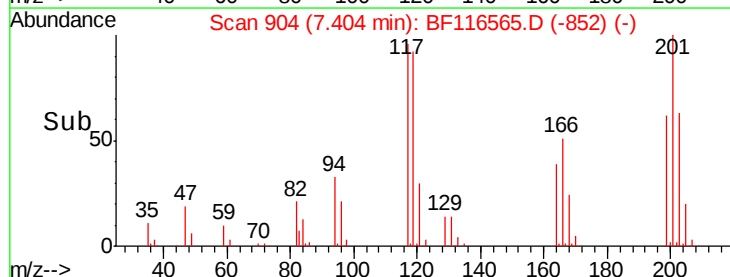
201 104.3 69.1 103.7#

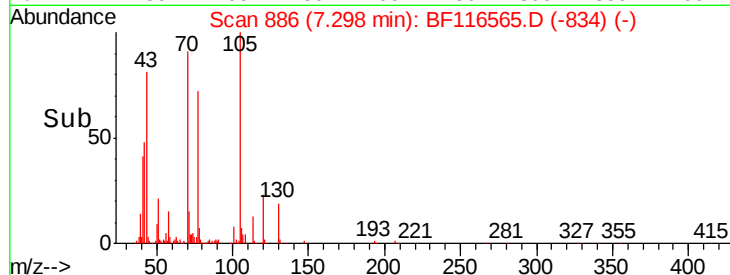
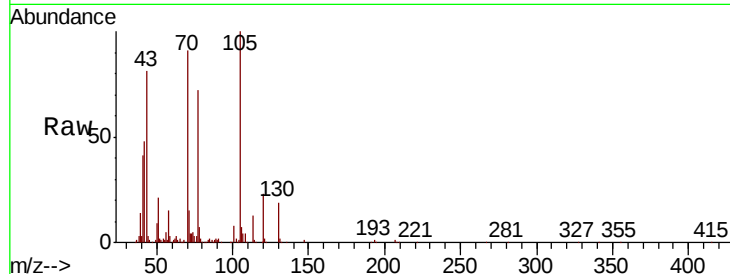
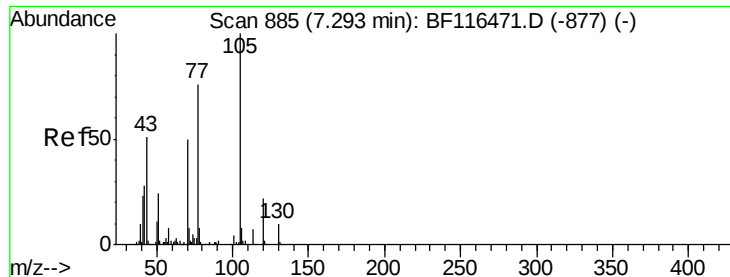


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

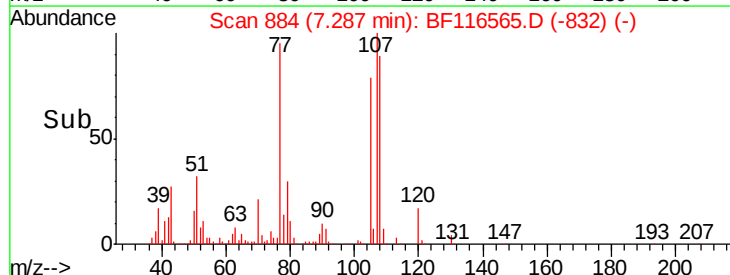
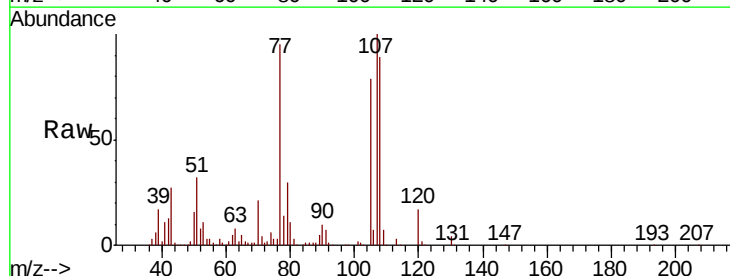
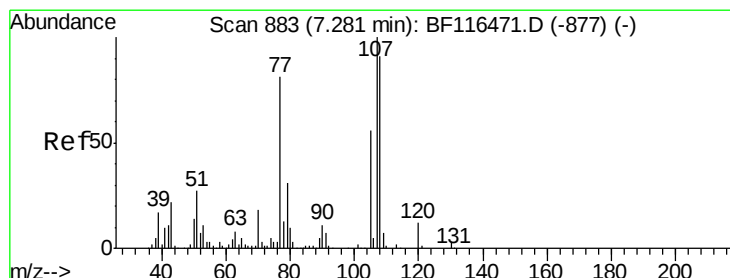
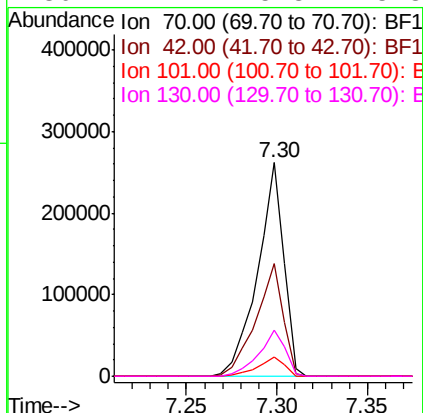




#19
n-Nitroso-di-n-propylamine
Concen: 34.454 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF116565.D
Acq: 26 Aug 2019 10:55

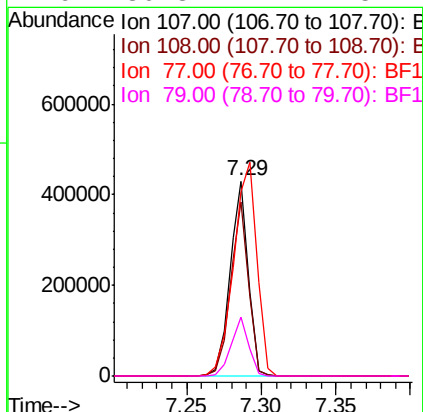
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

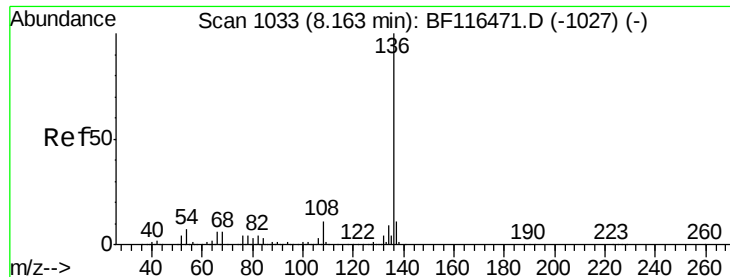
Tot Ion:	70	Resp:	263662
Ion	Ratio	Lower	Upper
70	100		
42	52.5	44.4	66.6
101	9.2	7.1	10.7
130	21.4	15.8	23.8



#20
3+4-Methylphenols
Concen: 38.065 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF116565.D
Acq: 26 Aug 2019 10:55

Tgt Ion:	107	Resp:	370825
Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.7	110.7
77	94.9	60.6	100.6
79	30.3	11.1	51.1

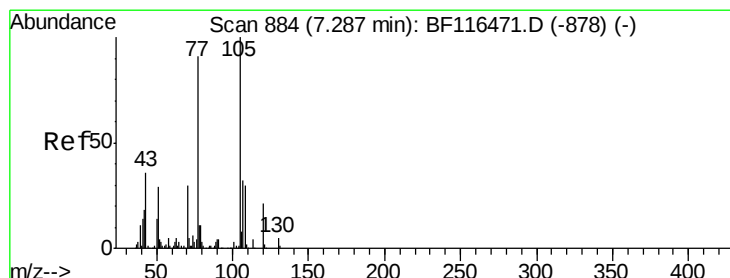
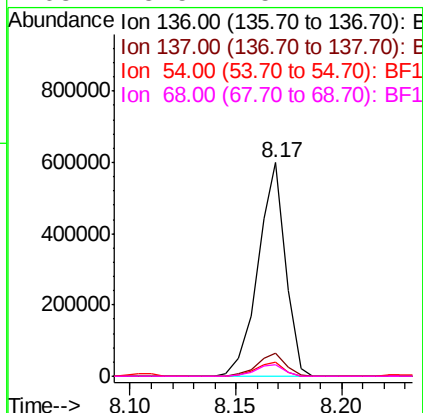
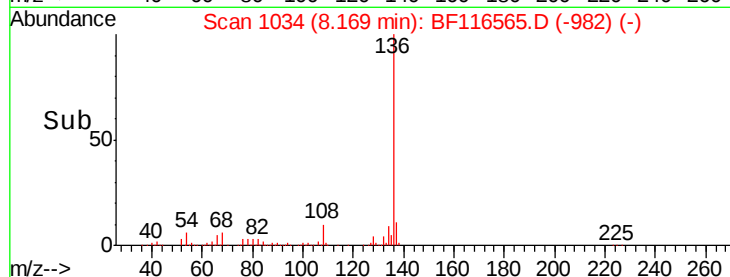
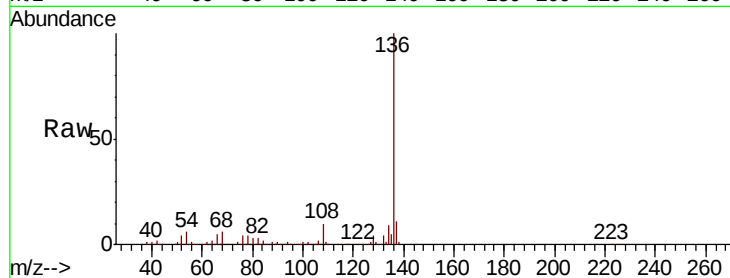




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF116565.D
Acq: 26 Aug 2019 10:55

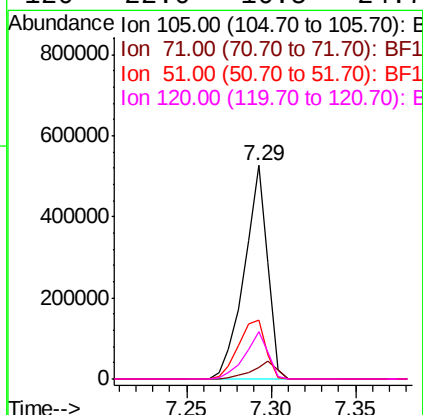
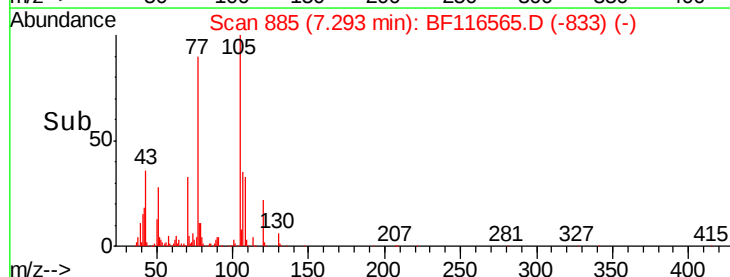
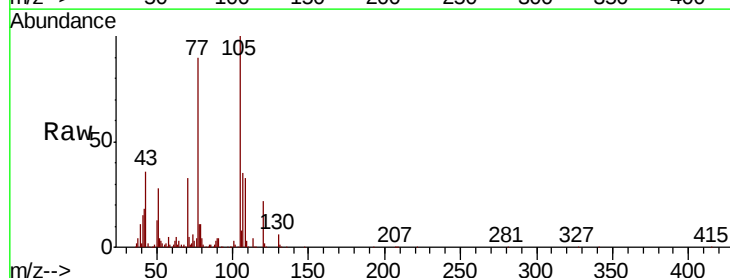
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

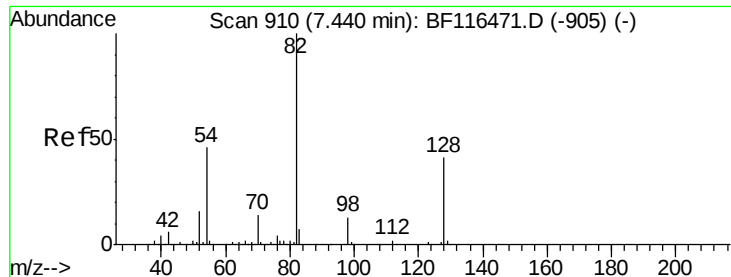
Tot Ion:136	Resp:	540135
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.4
54	6.4	5.8 8.6
68	5.5	5.1 7.7



#22
Acetophenone
Concen: 37.615 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF116565.D
Acq: 26 Aug 2019 10:55

Tgt Ion:105	Resp:	508044
Ion Ratio	Lower	Upper
105	100	
71	5.2	4.2 6.2
51	27.7	23.0 34.4
120	22.0	16.5 24.7

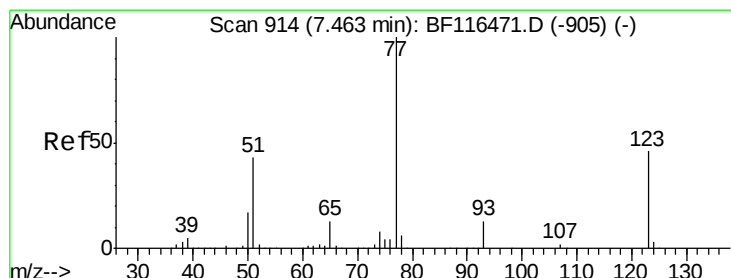
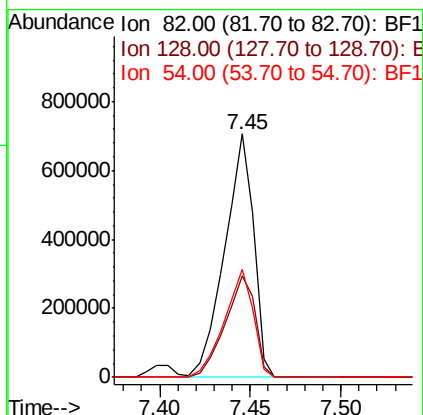
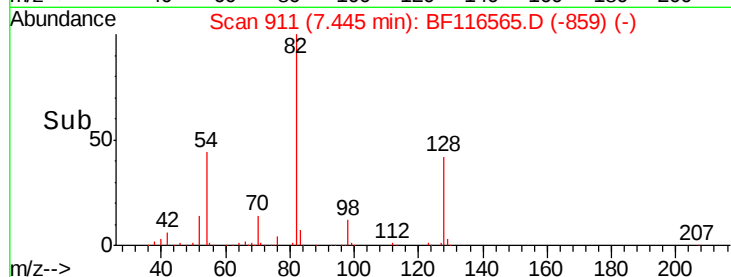
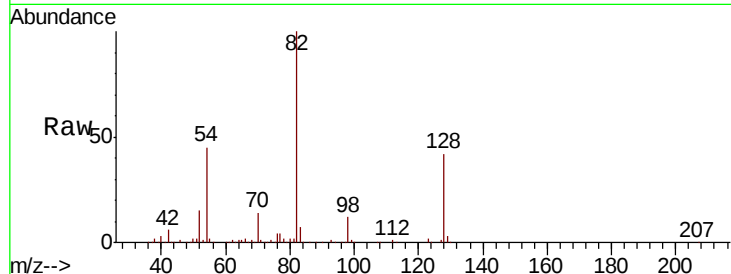




#23
 Nitrobenzene-d5
 Concen: 79.571 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

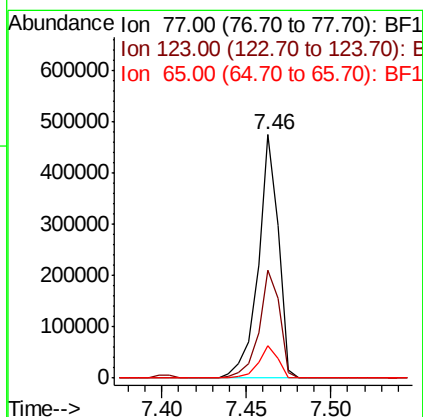
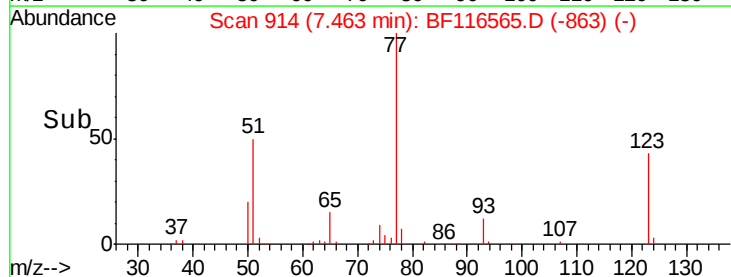
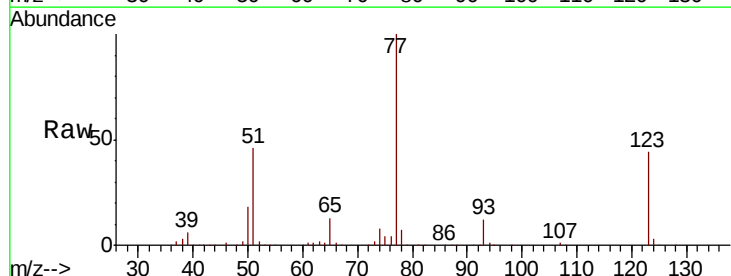
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

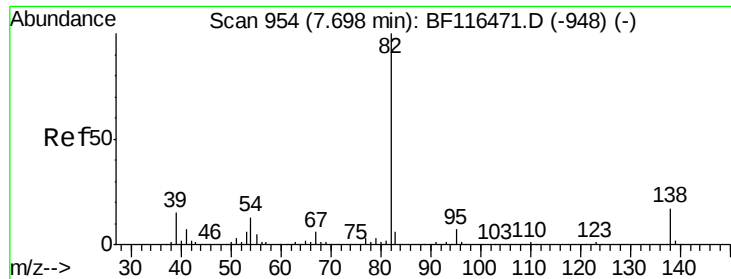
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.2	48.4
54	44.5	36.5	54.7



#24
 Nitrobenzene
 Concen: 38.608 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.1	37.0	55.4
65	13.4	10.5	15.7





#25

Isophorone

Concen: 36.468 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

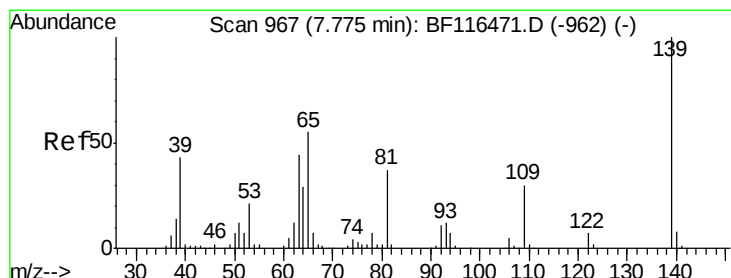
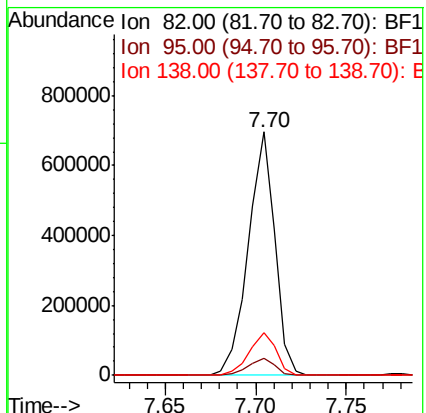
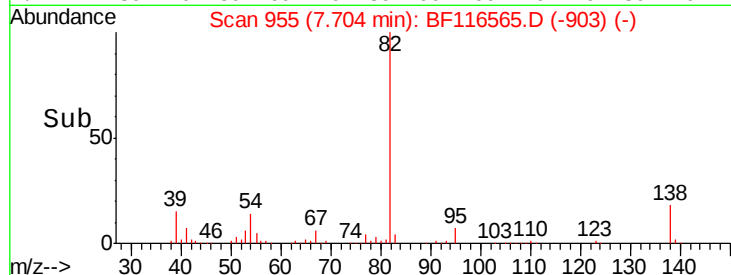
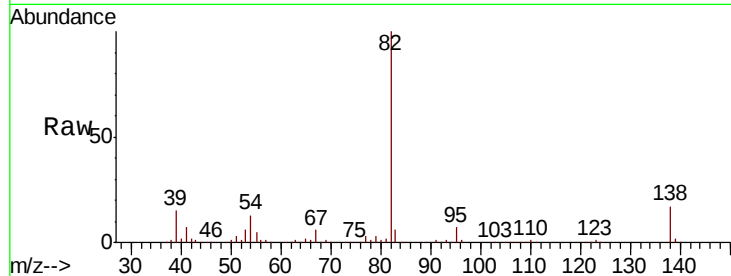
Tot Ion: 82 Resp: 709518

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 17.3 13.3 19.9



#26

2-Nitrophenol

Concen: 49.880 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

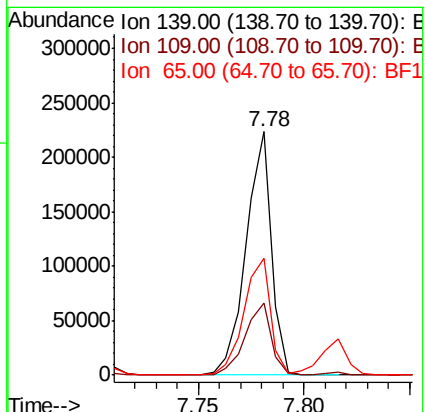
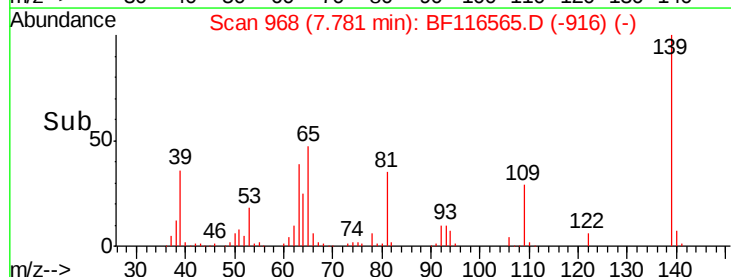
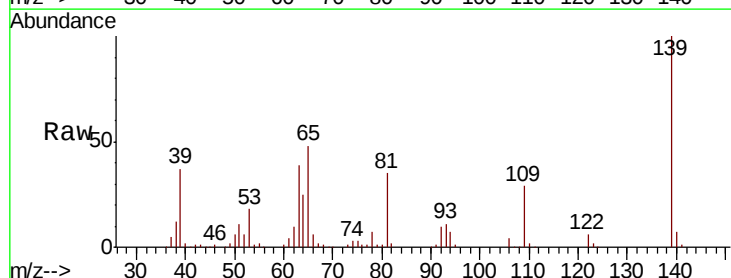
Tgt Ion: 139 Resp: 186283

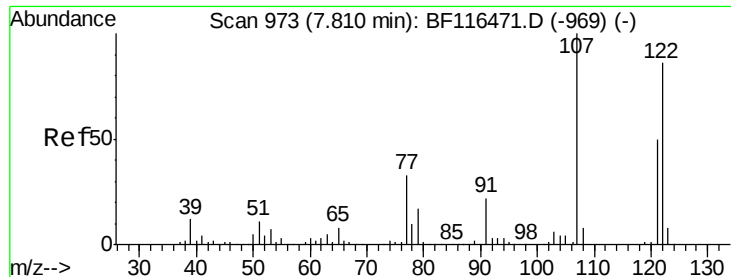
Ion Ratio Lower Upper

139 100

109 29.5 24.3 36.5

65 47.9 44.0 66.0

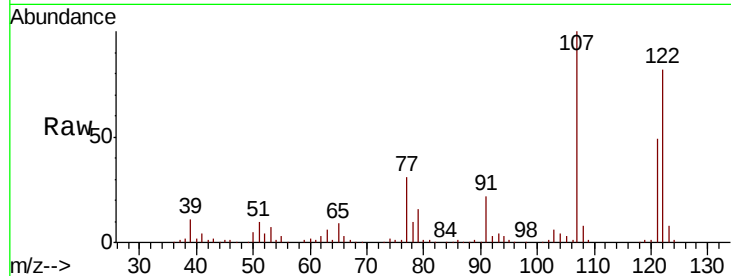




#27
 2,4-Dimethylphenol
 Concen: 35.392 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.9	92.4	138.6
121	59.7	46.2	69.4

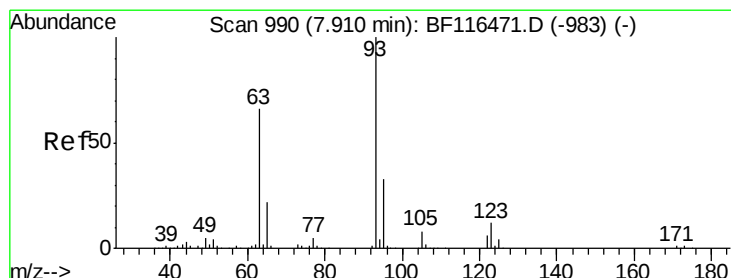
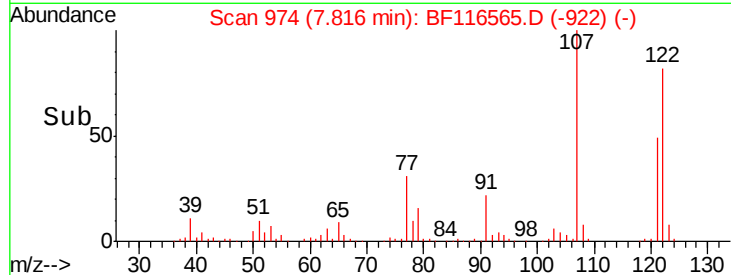
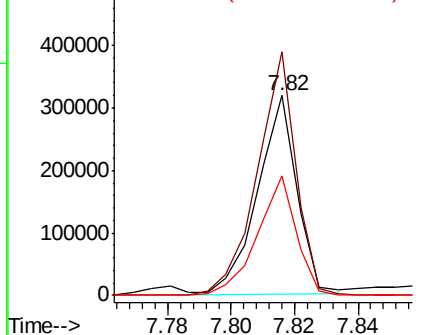


Abundance

Ion 122.00 (121.70 to 122.70): E

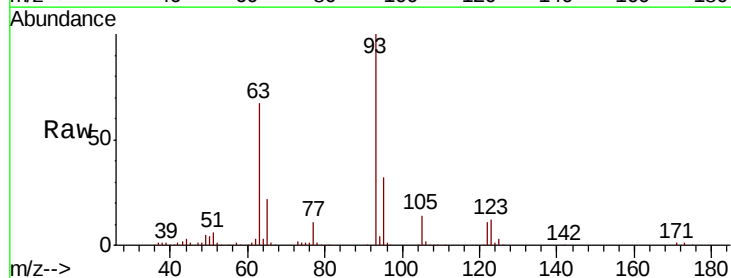
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.921 ng
 RT: 7.91 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	12.0	9.8	14.6

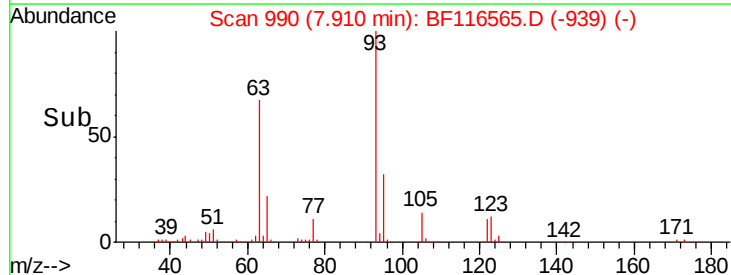
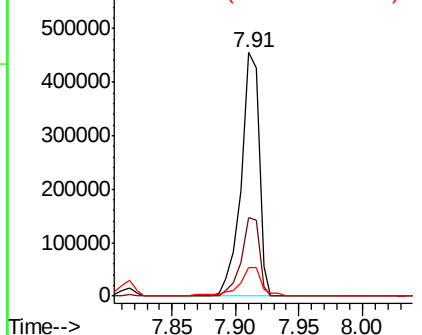


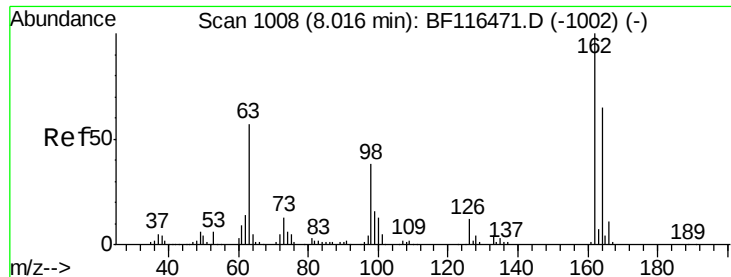
Abundance

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

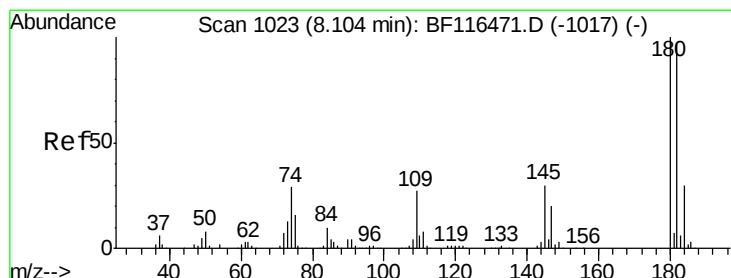
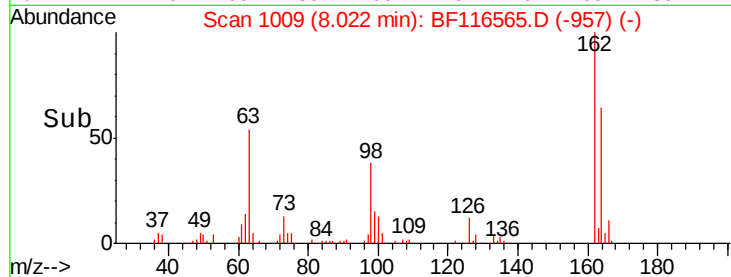
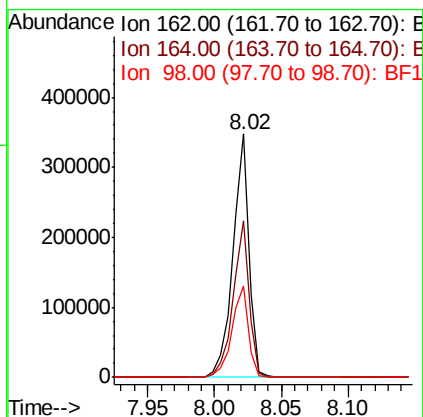
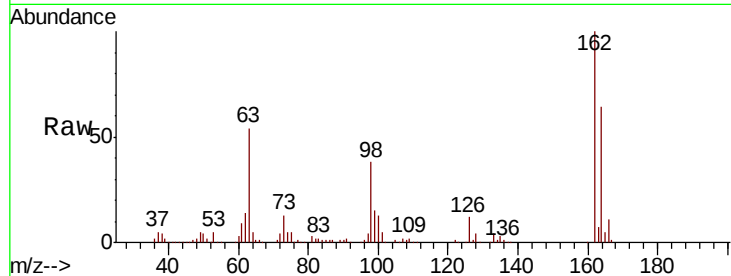




#29
 2,4-Dichlorophenol
 Concen: 40.089 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

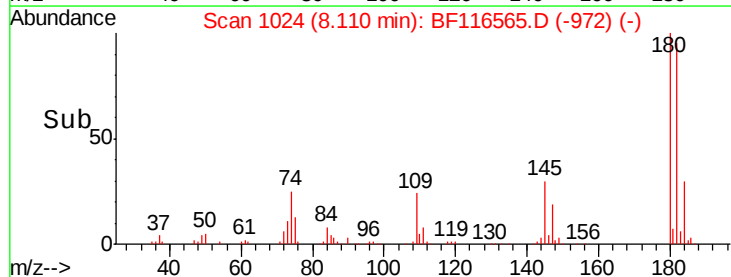
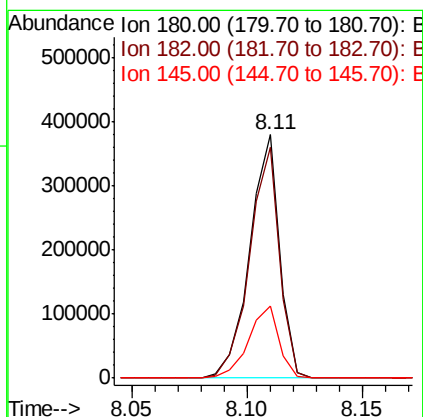
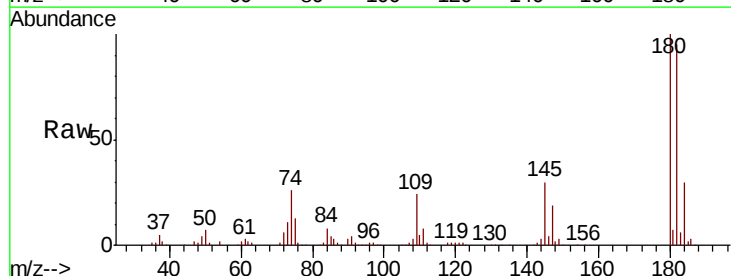
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

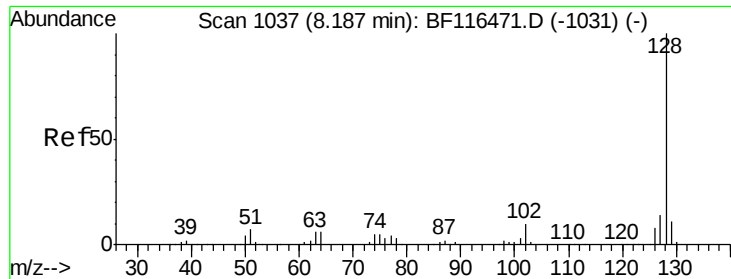
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.9	84.9
98	37.7	17.9	57.9



#30
 1,2,4-Trichlorobenzene
 Concen: 40.982 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.4	116.0
145	29.7	24.3	36.5

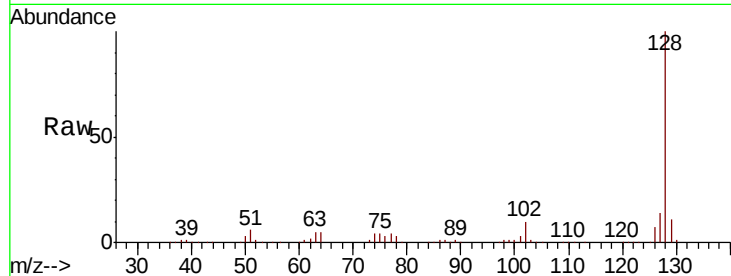




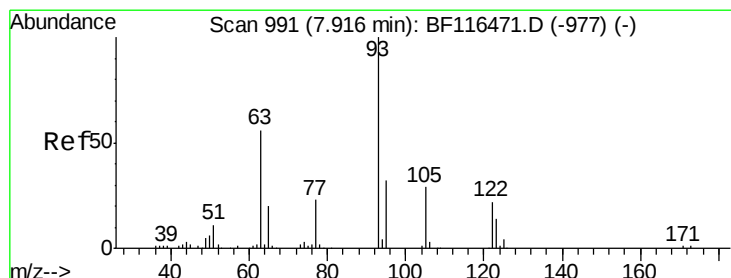
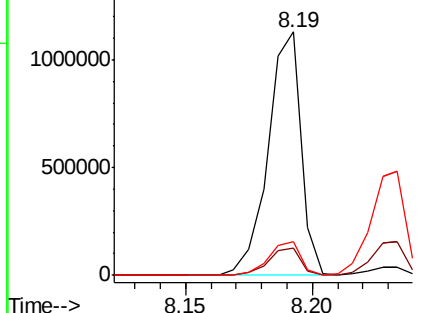
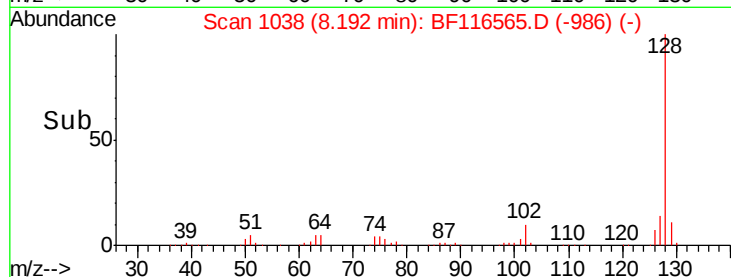
#31
Naphthalene
Concen: 39.457 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF116565.D
Acq: 26 Aug 2019 10:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1030989
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.7 10.9 16.3

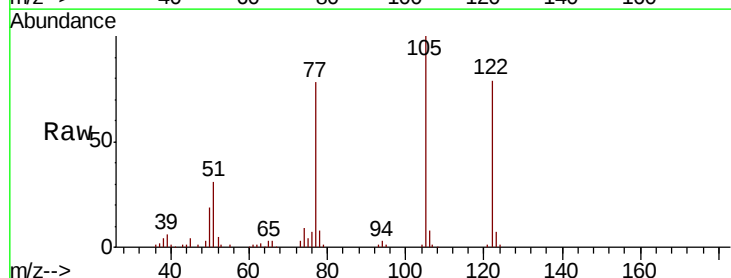


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

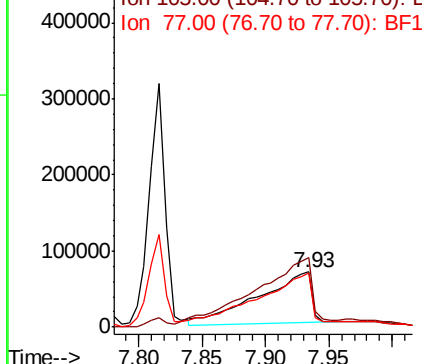
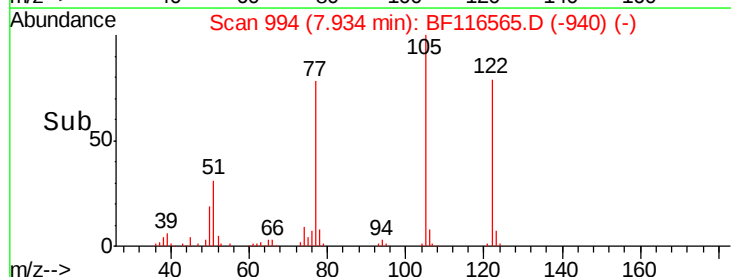


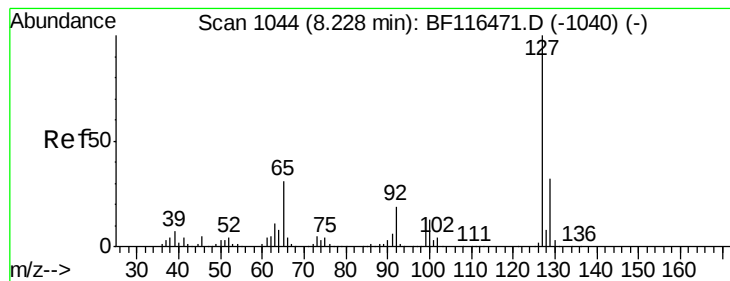
#32
Benzoic acid
Concen: 38.994 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.02 min
Lab File: BF116565.D
Acq: 26 Aug 2019 10:55

Tgt Ion:122 Resp: 194253
Ion Ratio Lower Upper
122 100
105 126.0 109.9 149.9
77 98.4 84.9 124.9



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: 39.923 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 457949

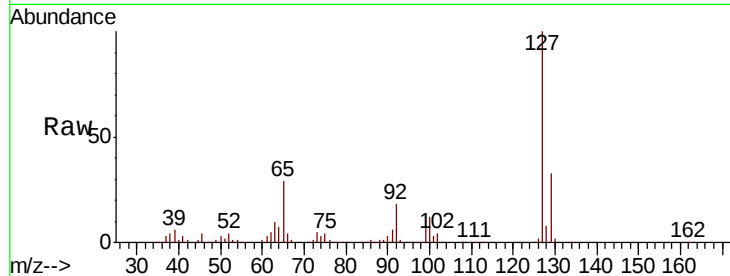
Ion Ratio Lower Upper

127 100

129 32.9 25.7 38.5

65 28.6 25.0 37.6

92 18.4 15.0 22.6

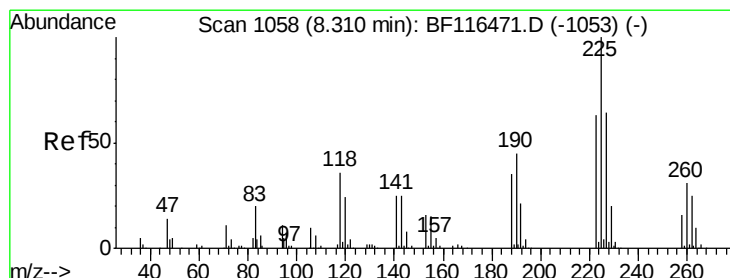
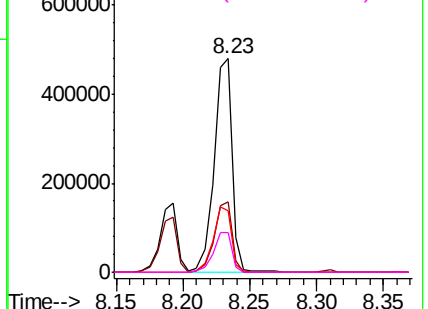
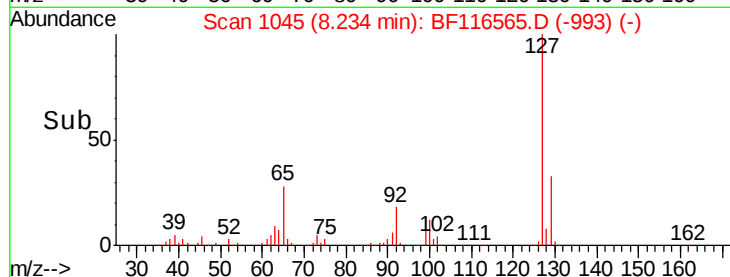


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 42.811 ng

RT: 8.31 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

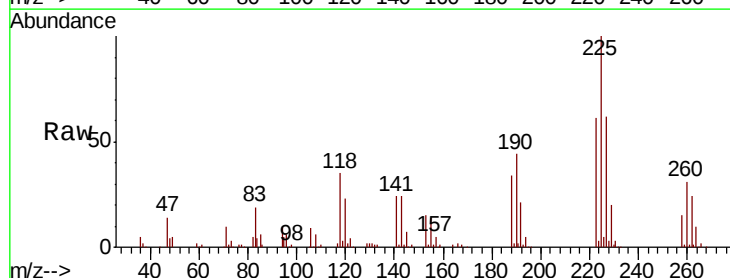
Tgt Ion:225 Resp: 194781

Ion Ratio Lower Upper

225 100

223 61.4 50.3 75.5

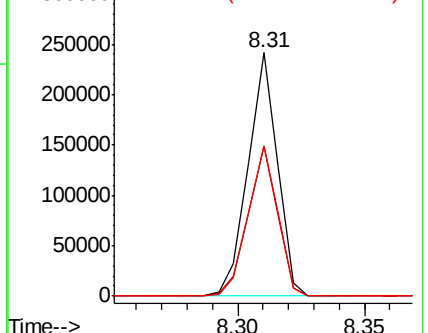
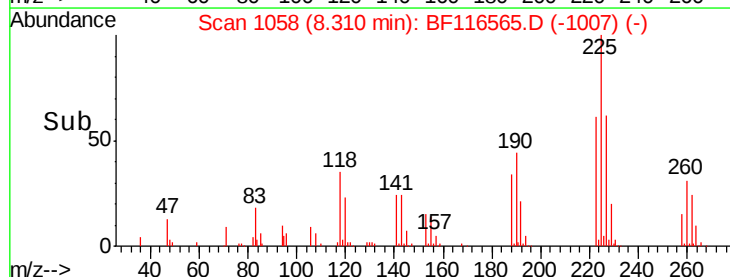
227 61.9 51.0 76.4

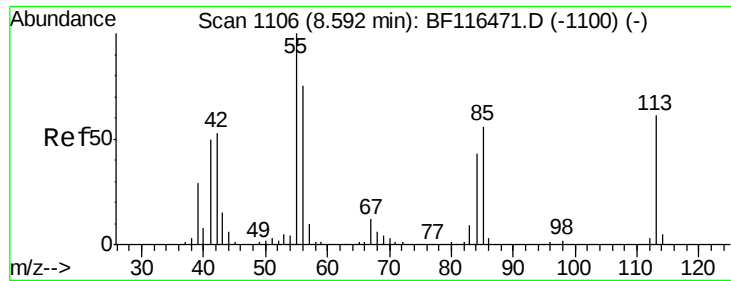


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.882 ng

RT: 8.60 min Scan# 1108

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

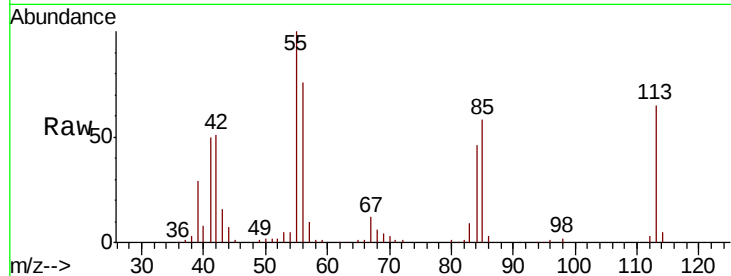
Tot Ion:113 Resp: 97784

Ion Ratio Lower Upper

113 100

55 153.3 143.6 183.6

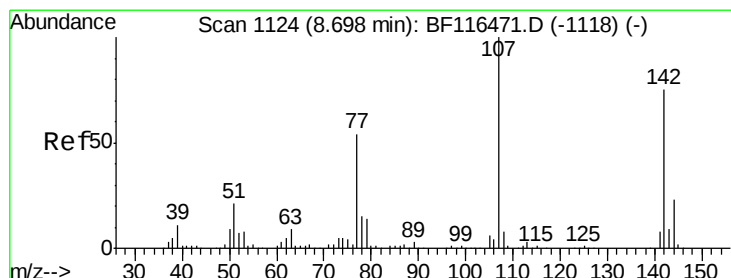
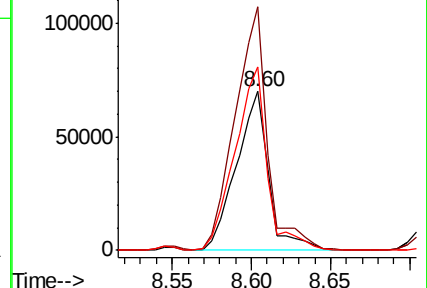
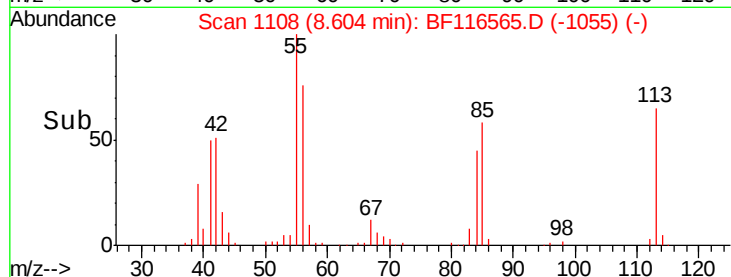
56 115.9 102.3 142.3



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: 38.645 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

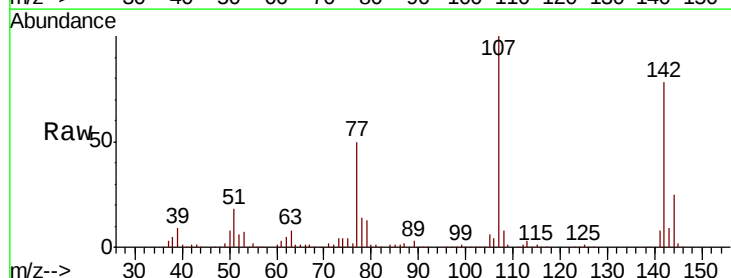
Tgt Ion:107 Resp: 323129

Ion Ratio Lower Upper

107 100

144 25.5 18.8 28.2

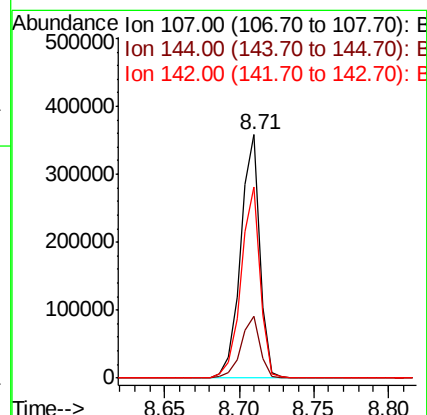
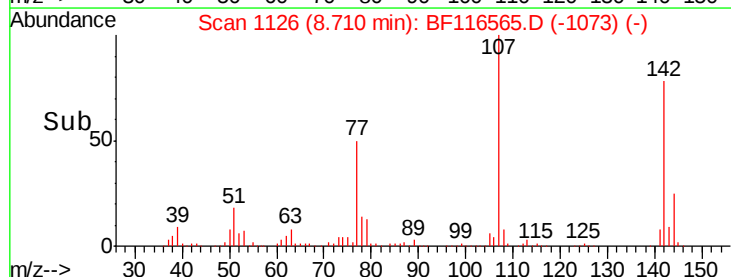
142 78.4 59.8 89.6

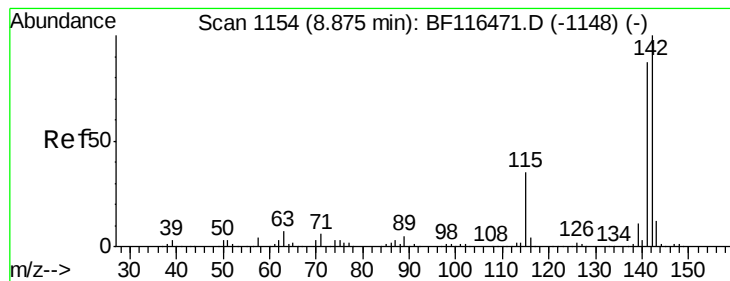


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.635 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

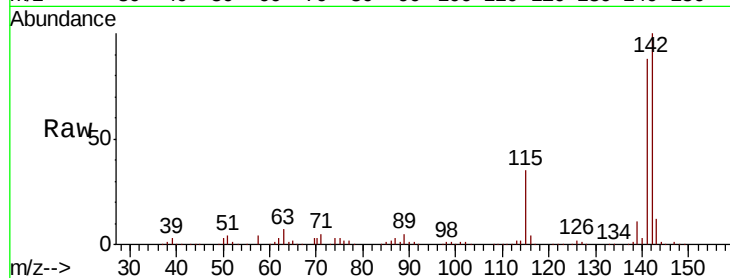
Tot Ion:142 Resp: 693137

Ion Ratio Lower Upper

142 100

141 88.4 69.8 104.6

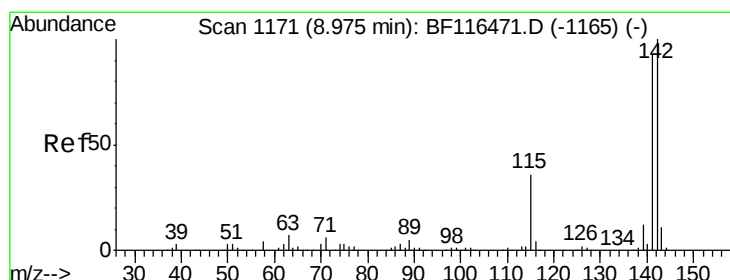
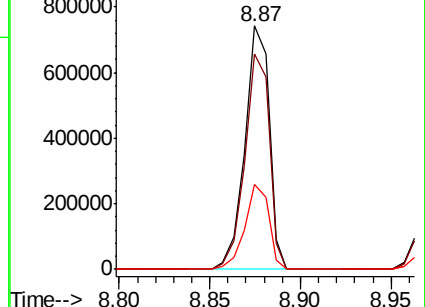
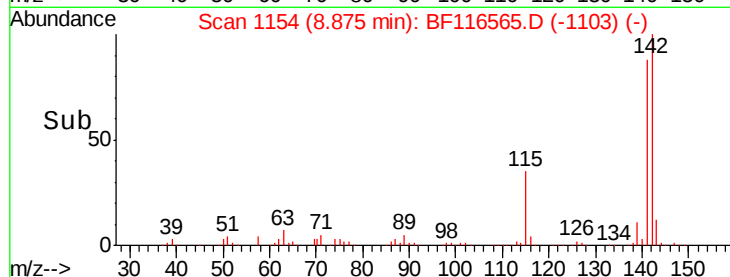
115 35.1 27.7 41.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.568 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

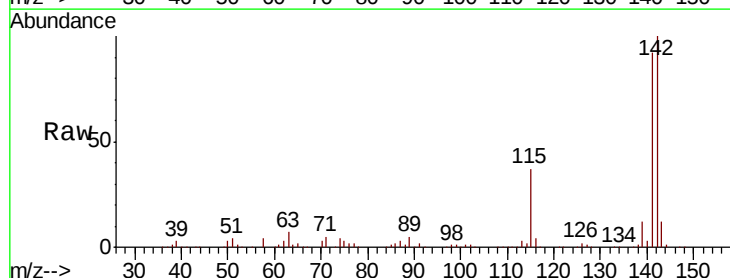
Tgt Ion:142 Resp: 663119

Ion Ratio Lower Upper

142 100

141 91.7 74.2 111.2

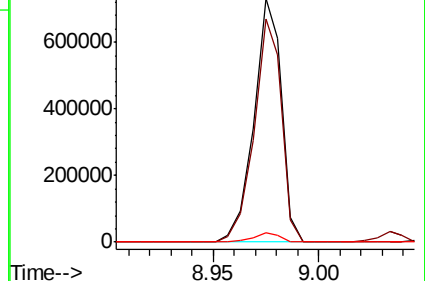
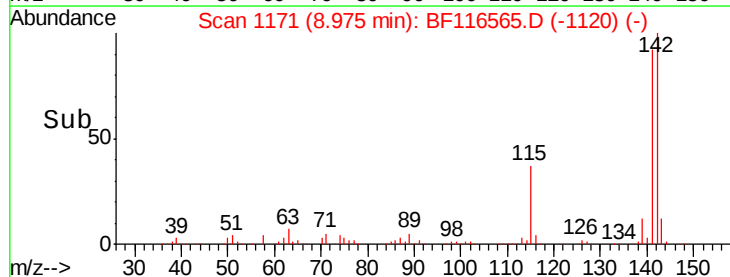
116 3.7 2.9 4.3

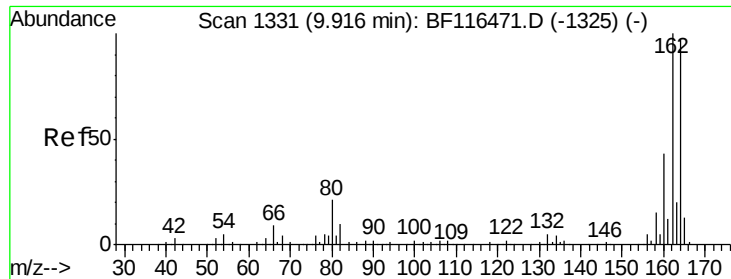


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

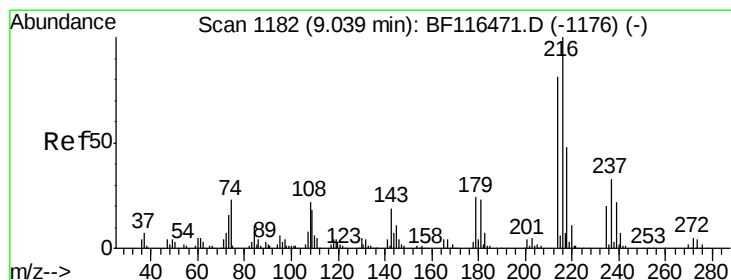
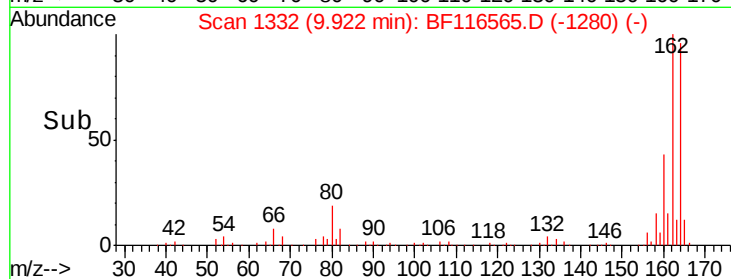
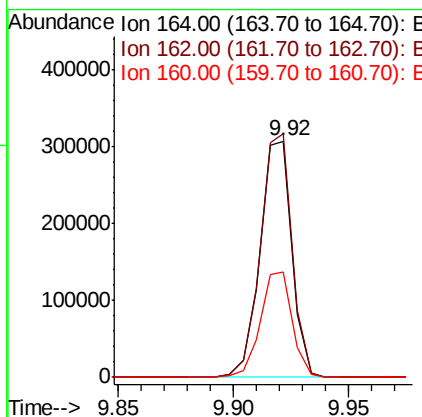
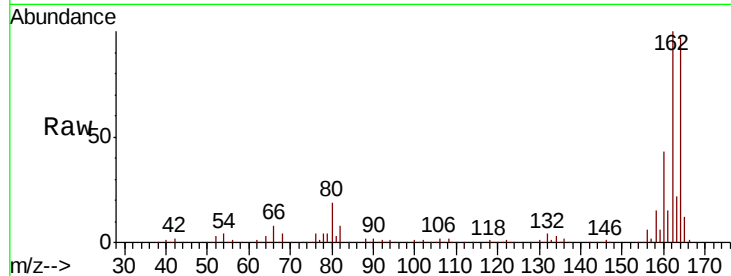




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

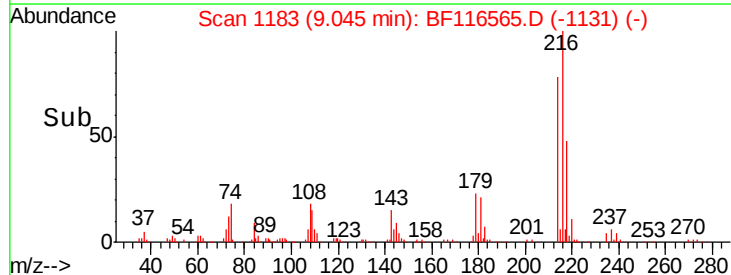
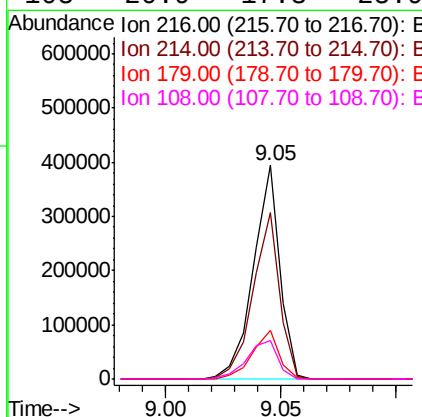
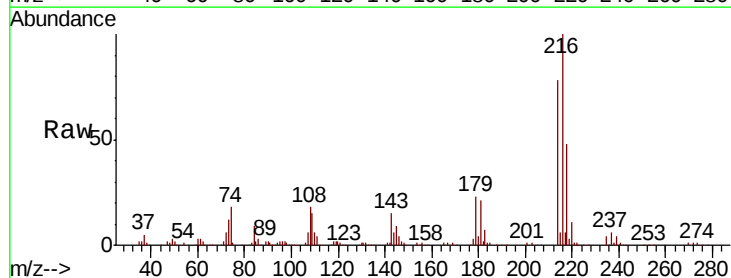
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

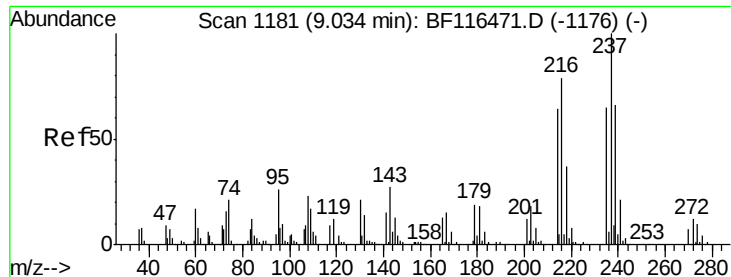
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	44.7	35.8	53.8



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.857 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.8	95.8
179	23.0	18.5	27.7
108	20.9	17.3	25.9





#41

Hexachlorocyclopentadiene

Concen: 42.447 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

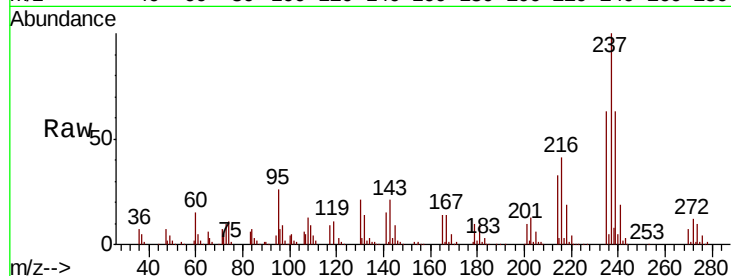
Tot Ion:237 Resp: 181315

Ion Ratio Lower Upper

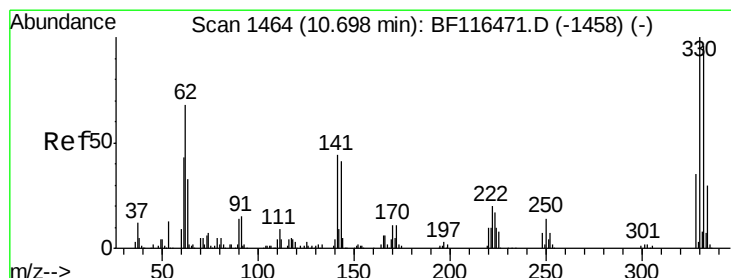
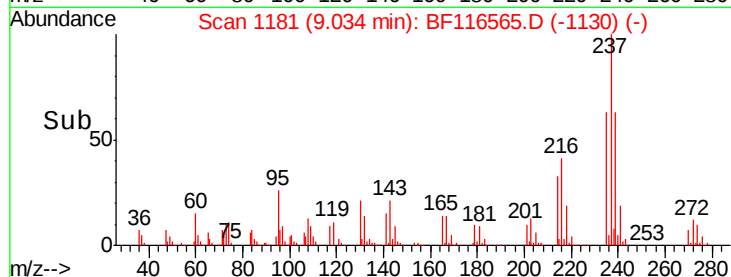
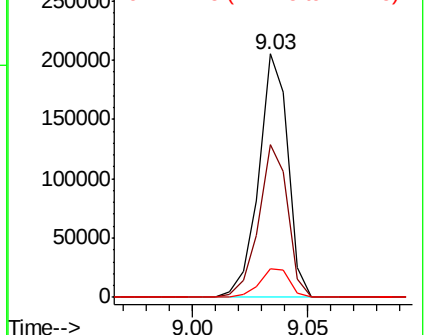
237 100

235 62.9 44.8 84.8

272 12.0 0.0 32.5



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: 89.093 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

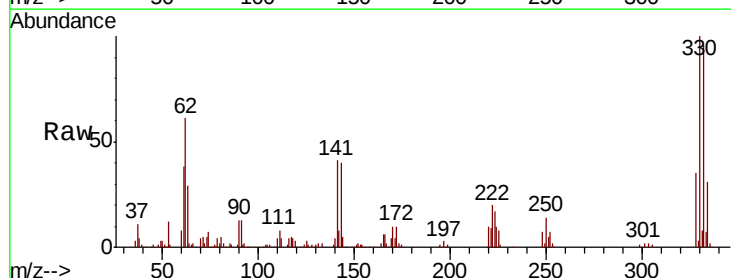
Tgt Ion:330 Resp: 225753

Ion Ratio Lower Upper

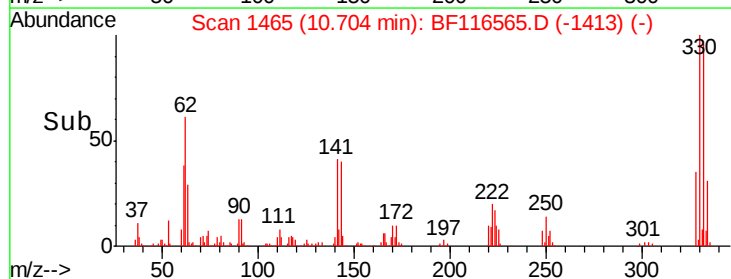
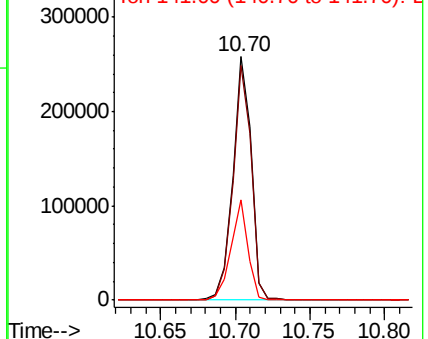
330 100

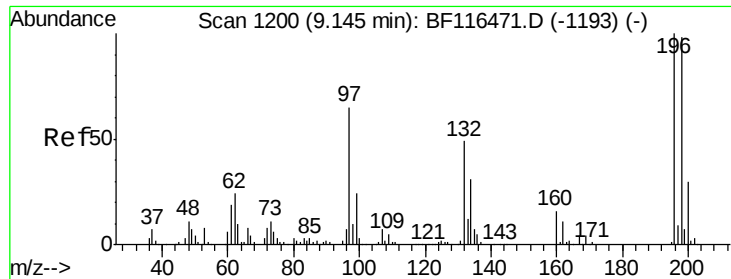
332 96.4 77.2 115.8

141 38.3 33.3 49.9



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

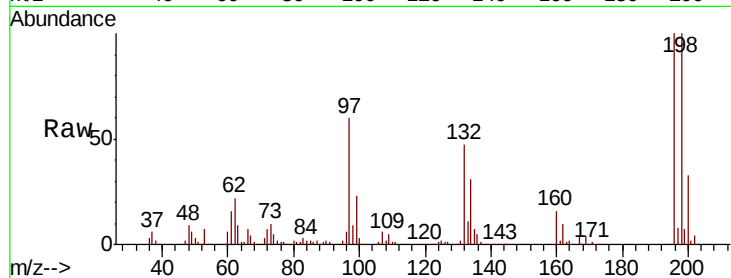




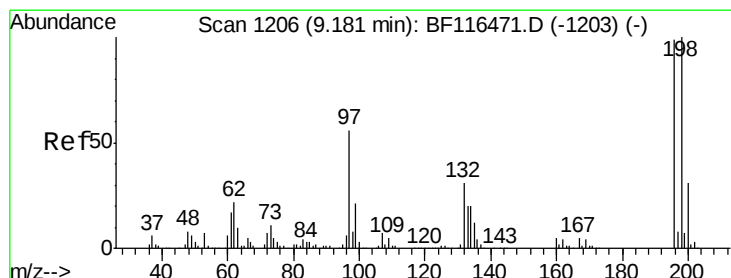
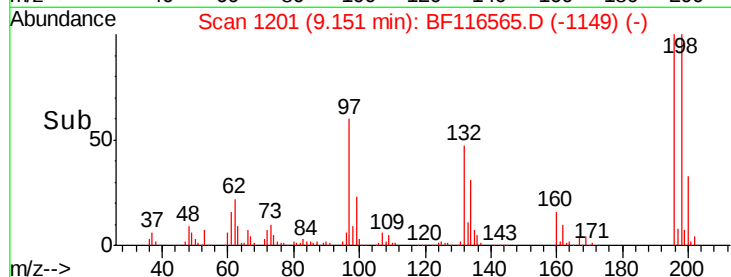
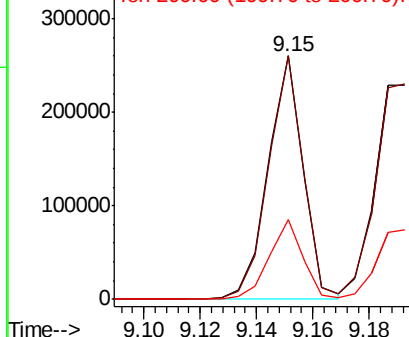
#43
 2,4,6-Trichlorophenol
 Concen: 40.300 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 223930
 Ion Ratio Lower Upper
 196 100
 198 100.0 78.0 117.0
 200 32.6 24.2 36.2



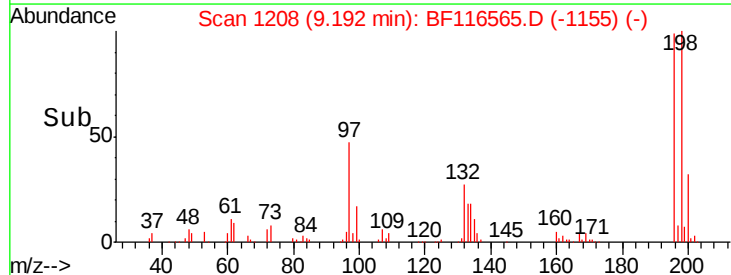
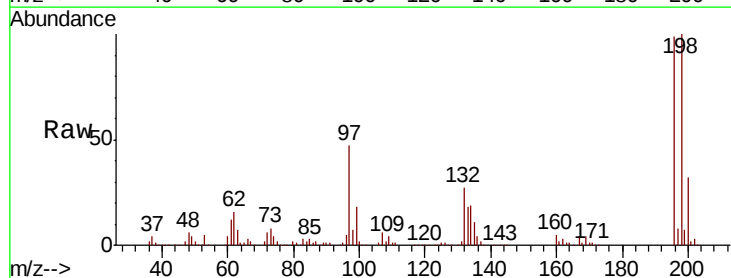
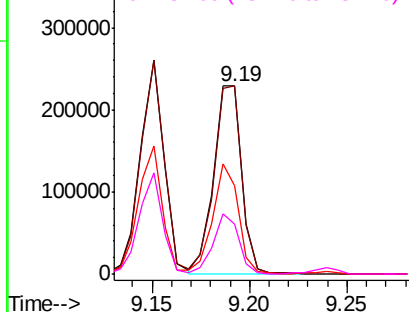
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

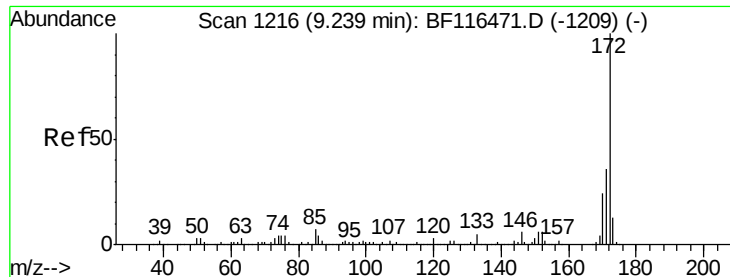


#44
 2,4,5-Trichlorophenol
 Concen: 40.292 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

Tgt Ion:196 Resp: 227801
 Ion Ratio Lower Upper
 196 100
 198 100.5 80.8 121.2
 97 47.1 45.7 68.5
 132 26.8 25.1 37.7

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

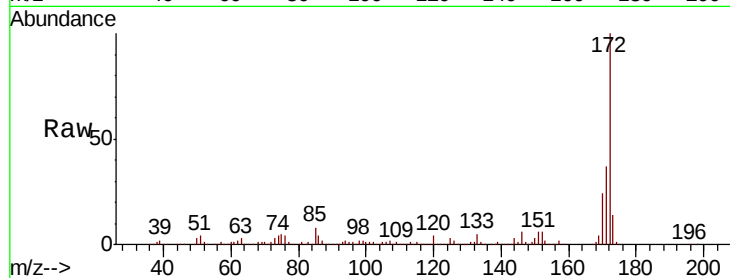




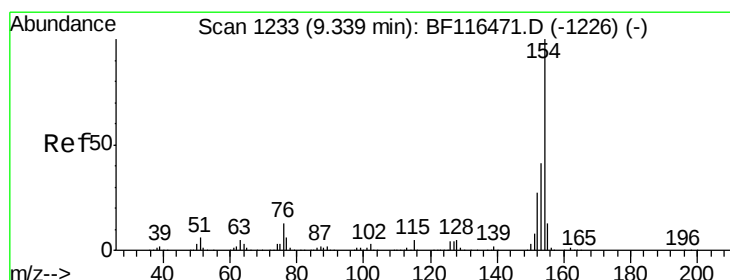
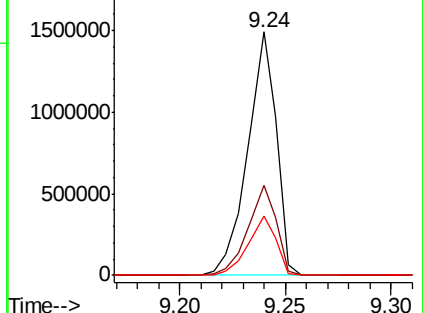
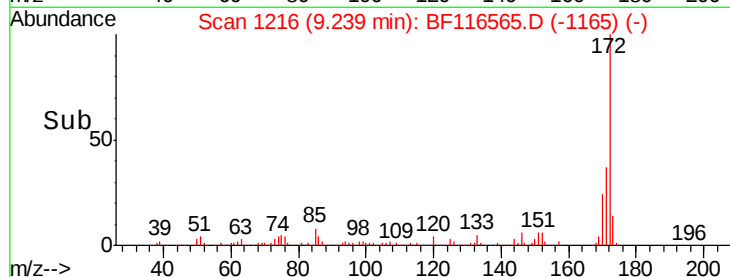
#45
2-Fluorobiphenyl
Concen: 76.866 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF116565.D
Acq: 26 Aug 2019 10:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1408515
Ion Ratio Lower Upper
172 100
171 36.8 28.9 43.3
170 24.5 19.4 29.0

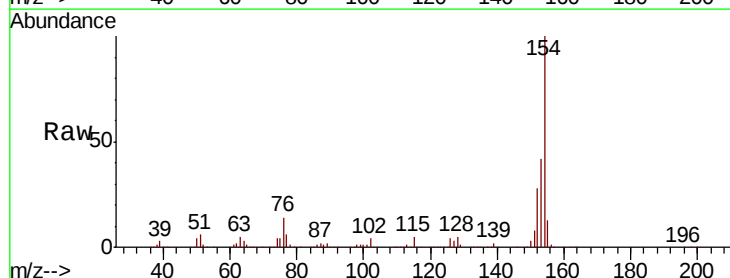


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

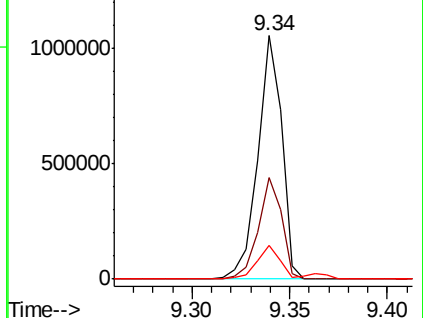
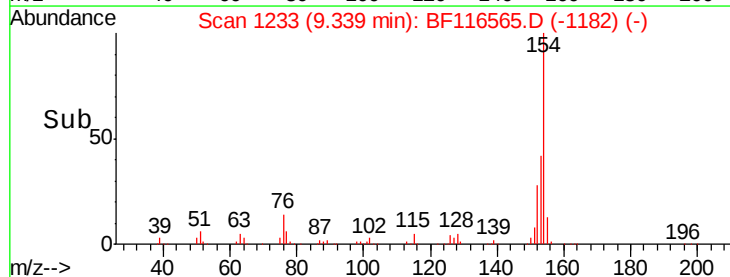


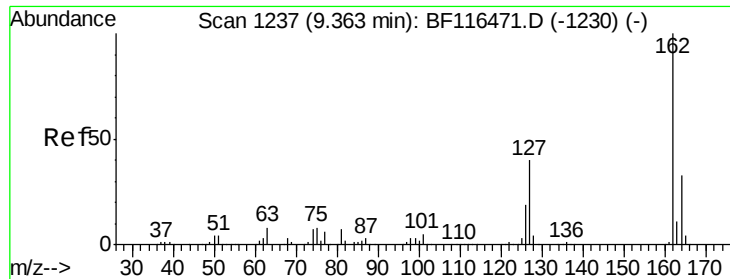
#46
1,1'-Biphenyl
Concen: 38.081 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF116565.D
Acq: 26 Aug 2019 10:55

Tgt Ion:154 Resp: 898444
Ion Ratio Lower Upper
154 100
153 41.5 21.3 61.3
76 13.7 0.0 32.9



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

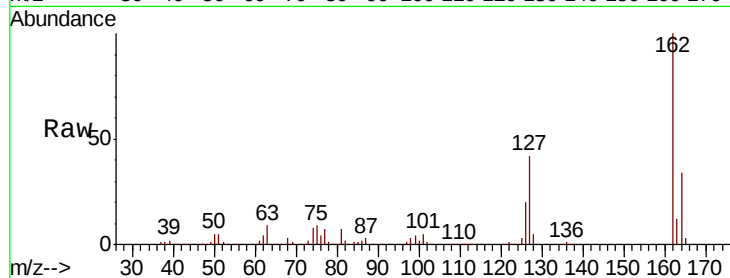




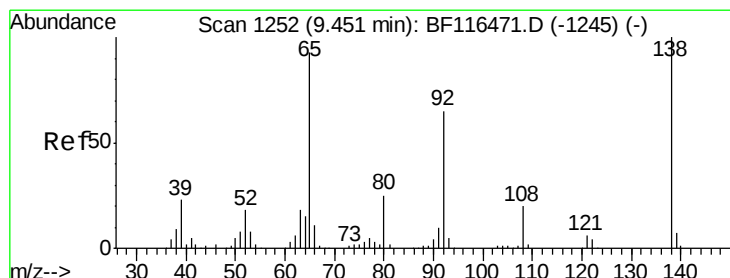
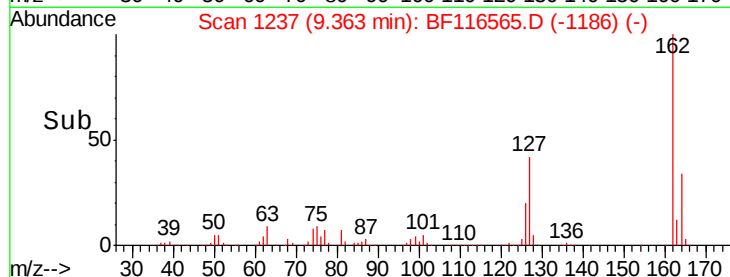
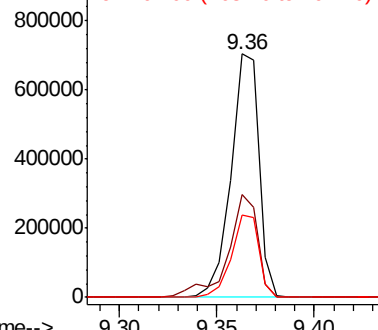
#47
 2-Chloronaphthalene
 Concen: 38.161 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.2	32.5	48.7
164	33.6	26.7	40.1

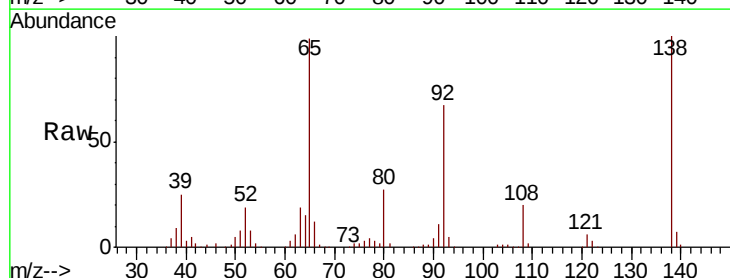


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

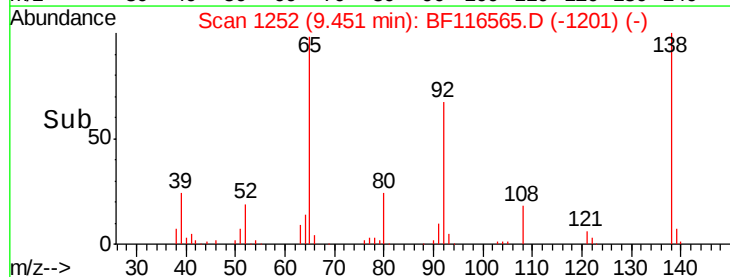
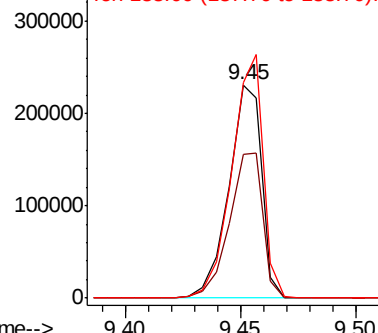


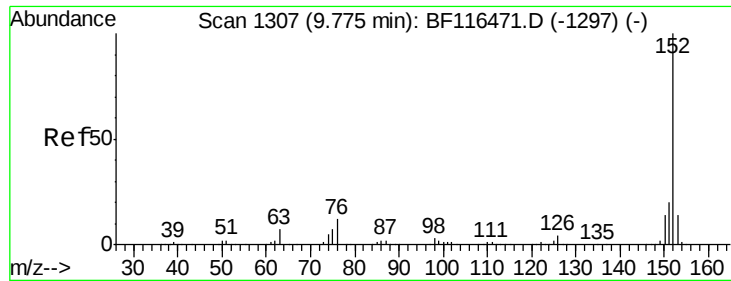
#48
 2-Nitroaniline
 Concen: 40.883 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.7	56.2	84.2
138	101.3	86.0	129.0



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: 38.583 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

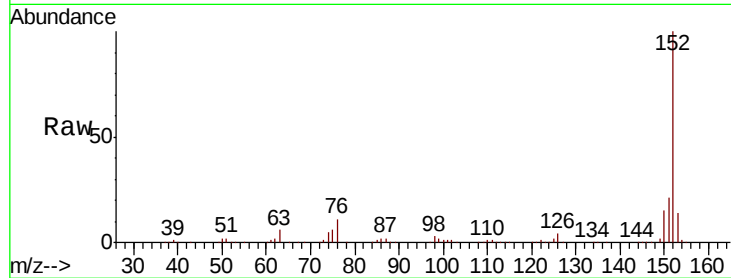
Tot Ion:152 Resp: 1032487

Ion Ratio Lower Upper

152 100

151 20.6 16.1 24.1

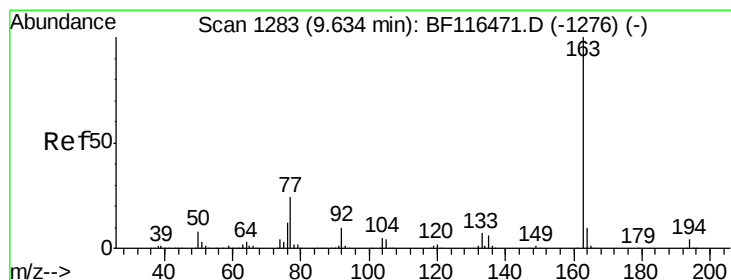
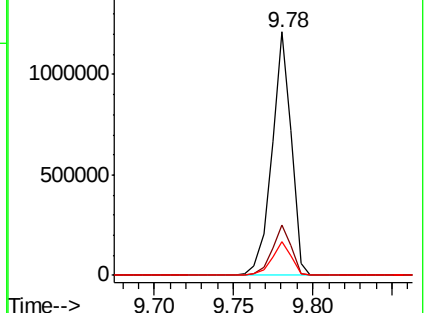
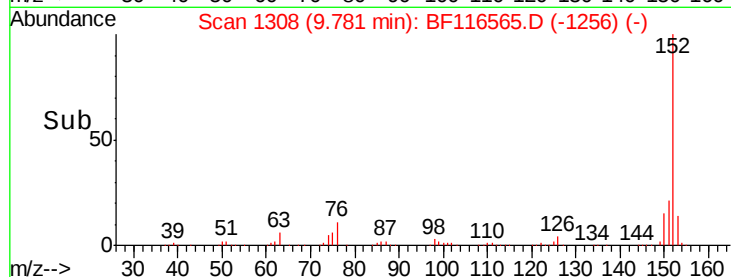
153 13.8 11.4 17.0



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: 39.637 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

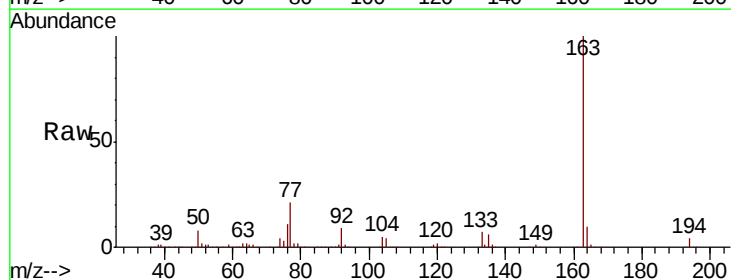
Tgt Ion:163 Resp: 816077

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

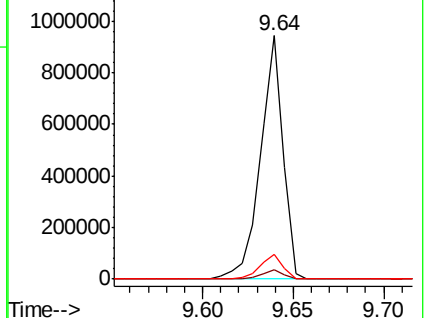
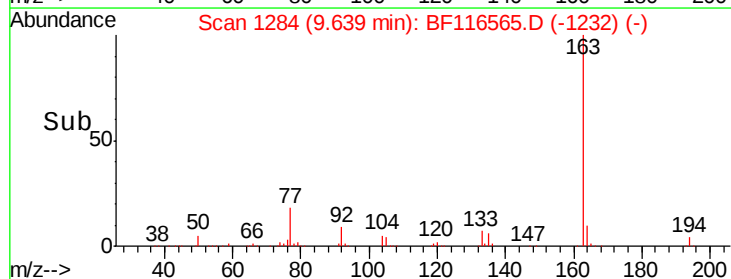
164 10.0 8.2 12.2

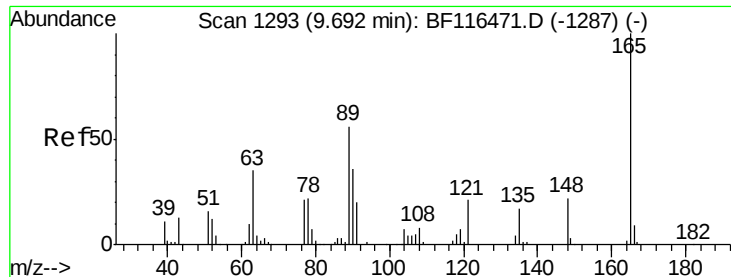


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.486 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

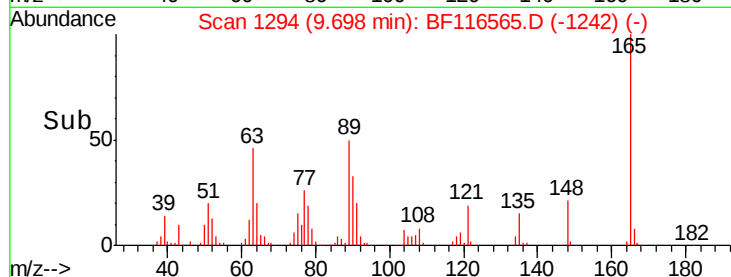
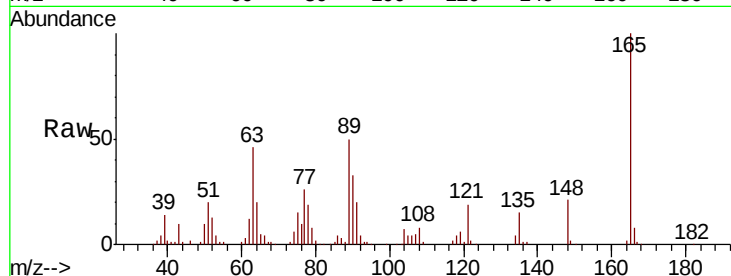
Tot Ion:165 Resp: 179044

Ion Ratio Lower Upper

165 100

63 45.6 43.7 65.5

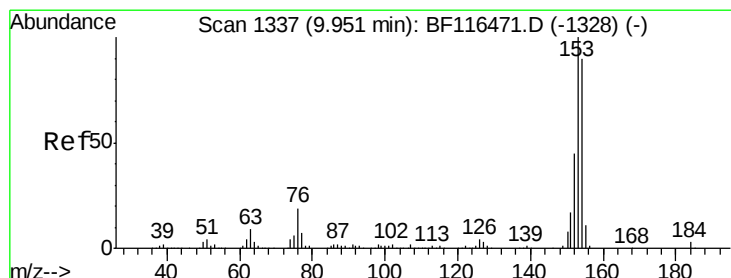
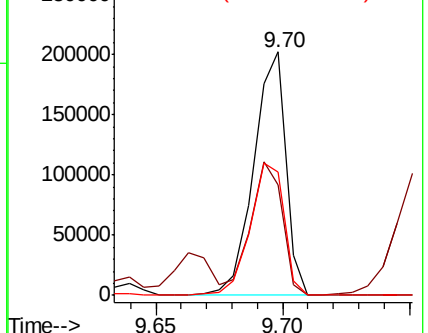
89 50.4 45.1 67.7



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: 40.094 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

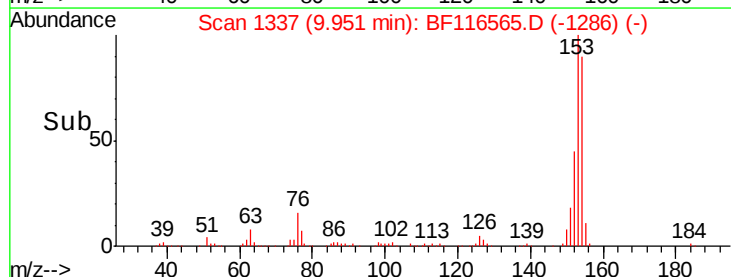
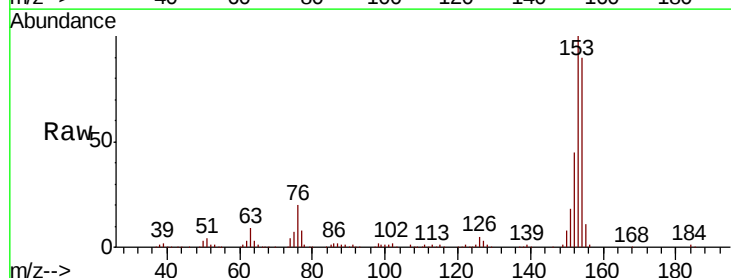
Tgt Ion:154 Resp: 688466

Ion Ratio Lower Upper

154 100

153 110.8 89.3 133.9

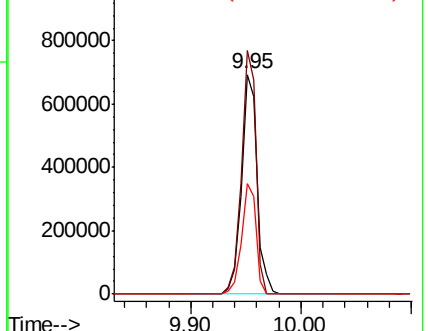
152 50.1 40.2 60.4

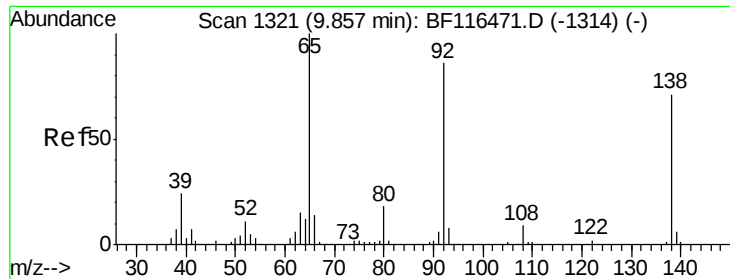


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

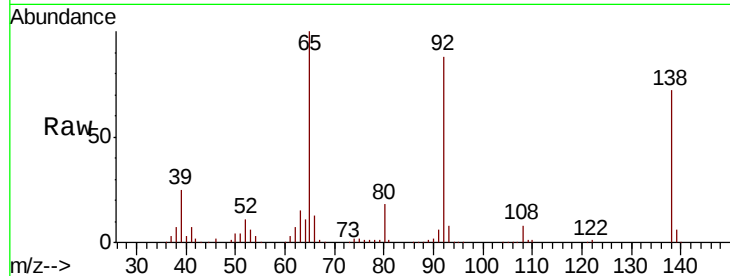




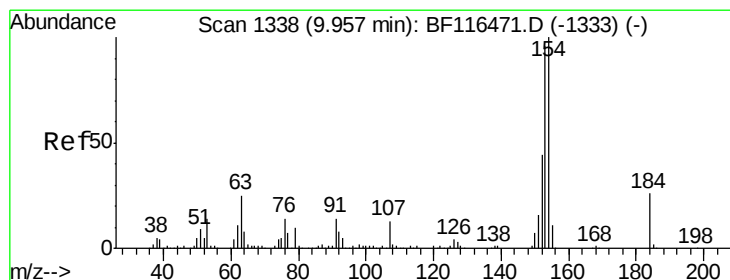
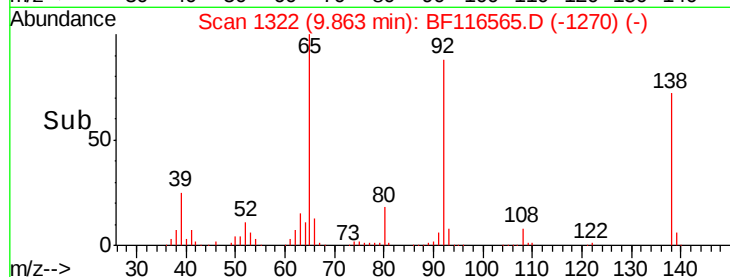
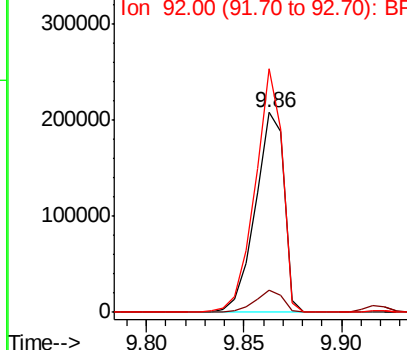
#53
3-Nitroaniline
Concen: 42.182 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF116565.D
Acq: 26 Aug 2019 10:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 211894
Ion Ratio Lower Upper
138 100
108 11.1 10.0 15.0
92 121.8 97.7 146.5

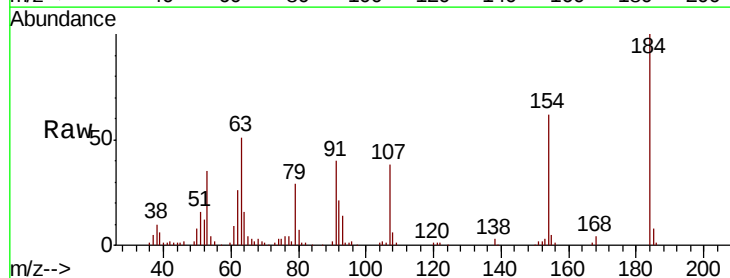


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

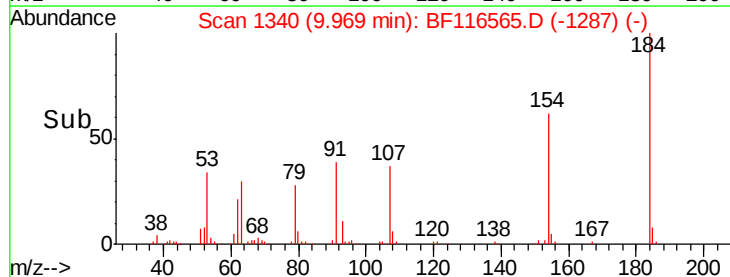
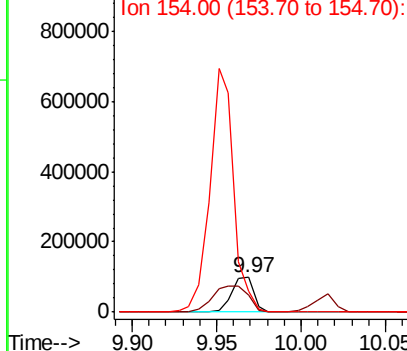


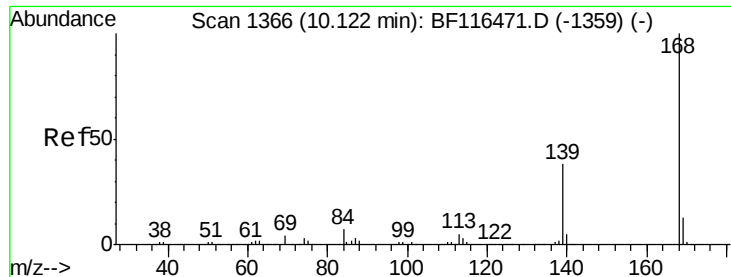
#54
2,4-Dinitrophenol
Concen: 56.999 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF116565.D
Acq: 26 Aug 2019 10:55

Tgt Ion:184 Resp: 89589
Ion Ratio Lower Upper
184 100
63 50.9 78.2 117.4#
154 62.1 320.4 480.6#



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

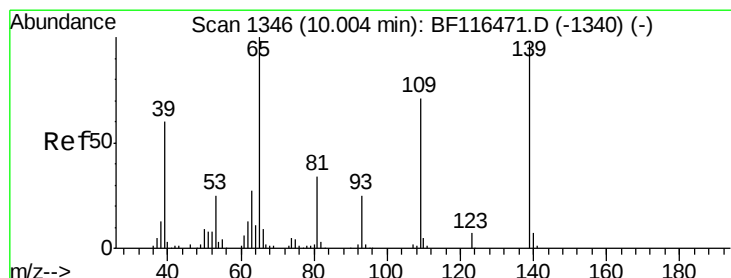
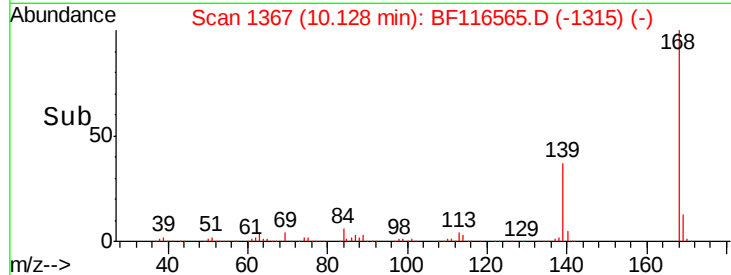
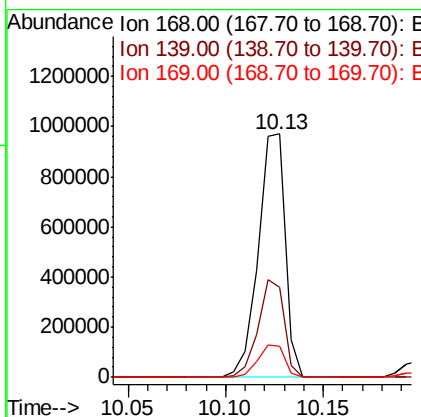
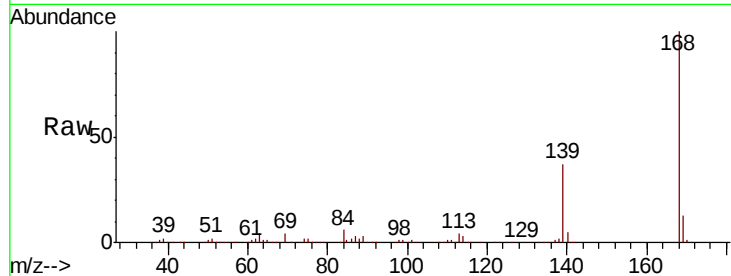




#55
Dibenzenofuran
Concen: 38.927 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF116565.D
Acq: 26 Aug 2019 10:55

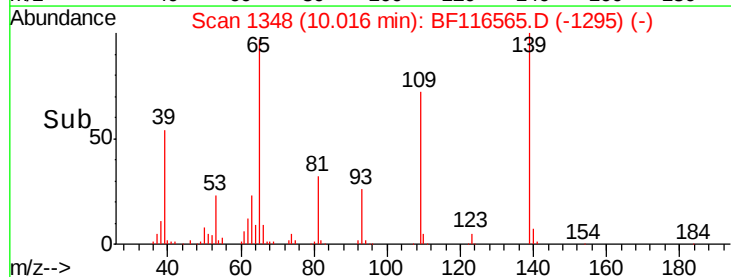
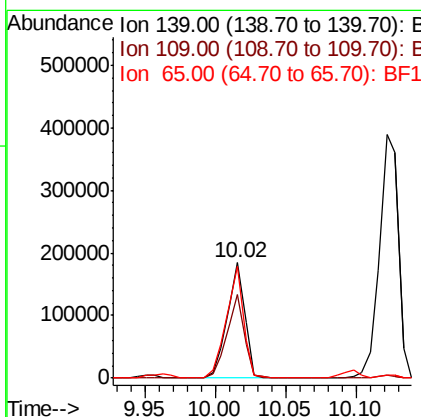
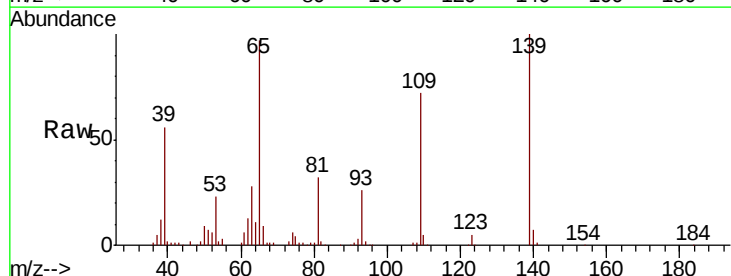
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 931776
Ion Ratio Lower Upper
168 100
139 37.1 30.7 46.1
169 13.0 10.7 16.1



#56
4-Nitrophenol
Concen: 41.666 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF116565.D
Acq: 26 Aug 2019 10:55

Tgt Ion:139 Resp: 162684
Ion Ratio Lower Upper
139 100
109 72.3 53.4 93.4
65 97.2 83.0 123.0

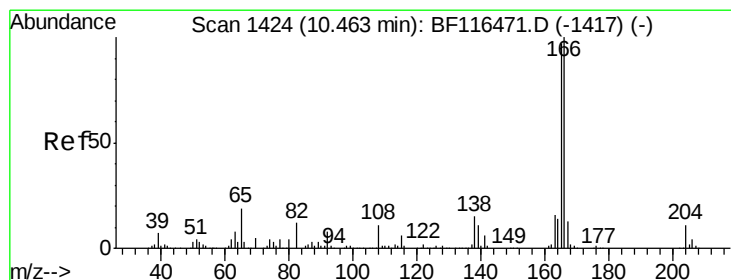
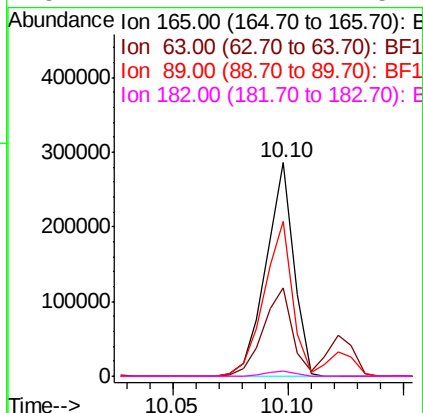
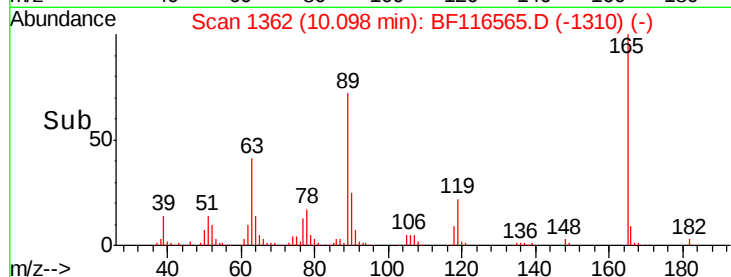
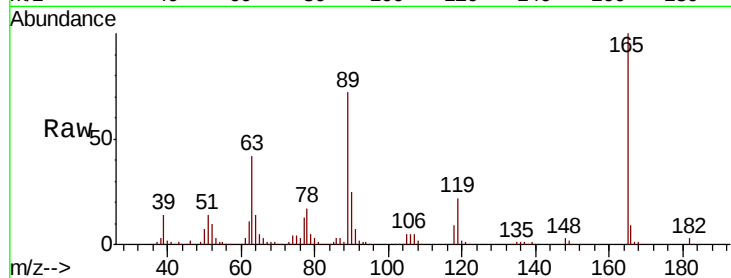




#57
2,4-Dinitrotoluene
Concen: 44.785 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF116565.D
Acq: 26 Aug 2019 10:55

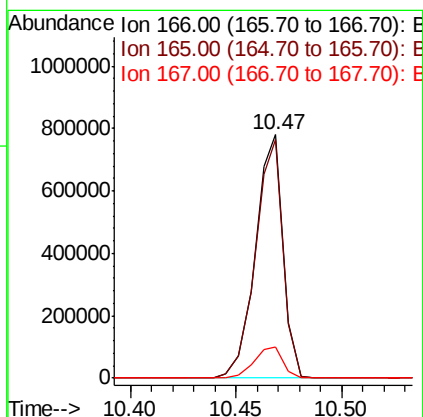
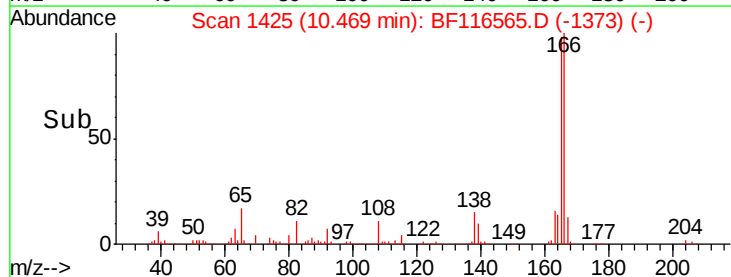
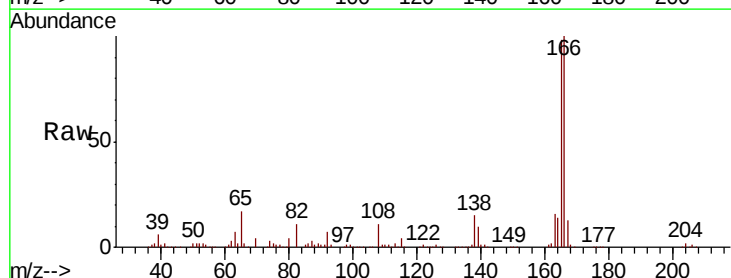
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

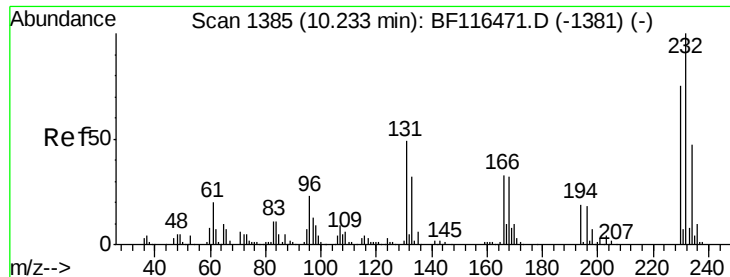
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.5	36.9	55.3
89	72.5	63.4	95.0
182	2.7	2.1	3.1



#58
Fluorene
Concen: 38.182 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF116565.D
Acq: 26 Aug 2019 10:55

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.4	116.0
167	13.0	10.8	16.2

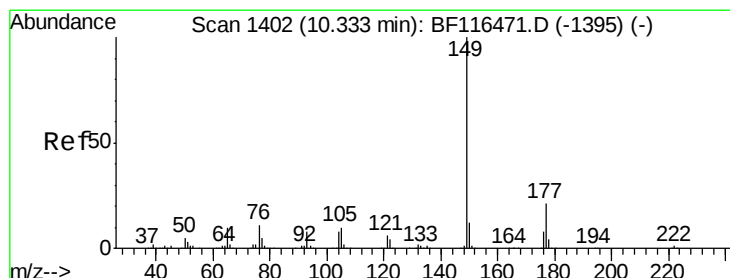
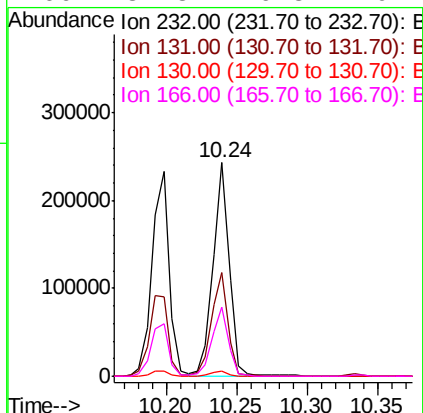
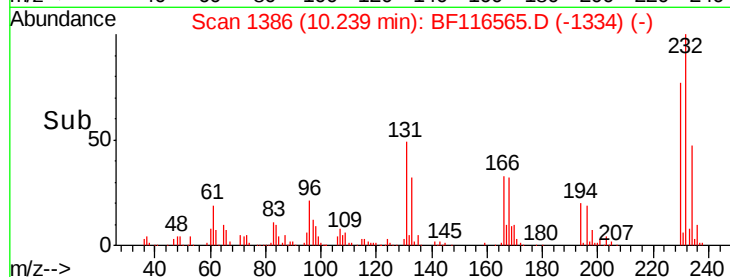
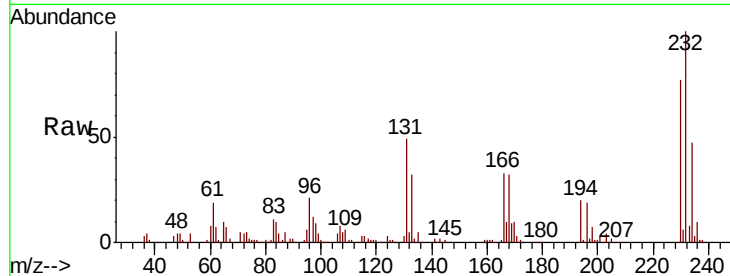




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.044 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

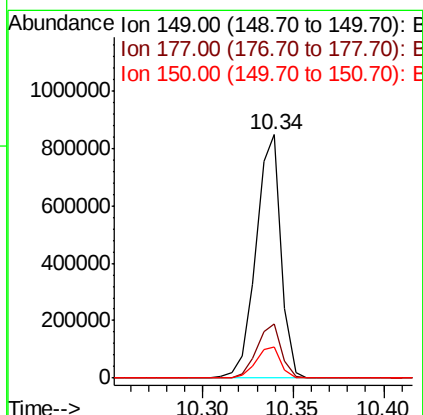
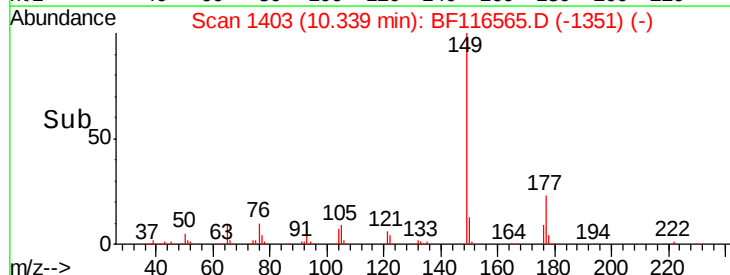
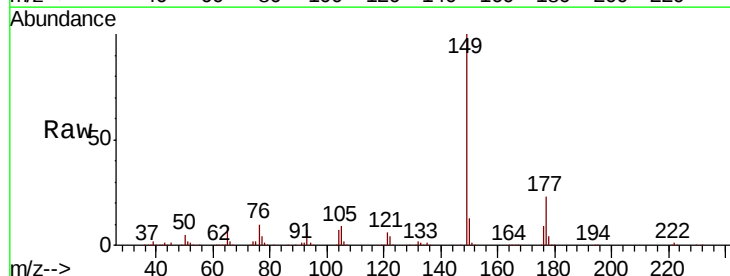
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	195180
Ion	Ratio	Lower	Upper
232	100		
131	49.2	40.8	61.2
130	2.4	1.8	2.8
166	32.8	26.8	40.2



#60
 Diethylphthalate
 Concen: 40.034 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.01 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

Tgt Ion:	149	Resp:	810140
Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.1	25.7
150	12.6	9.8	14.6

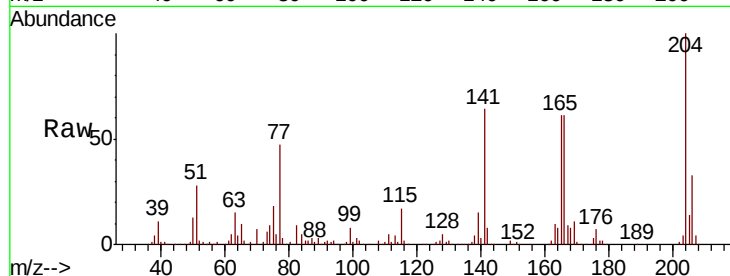




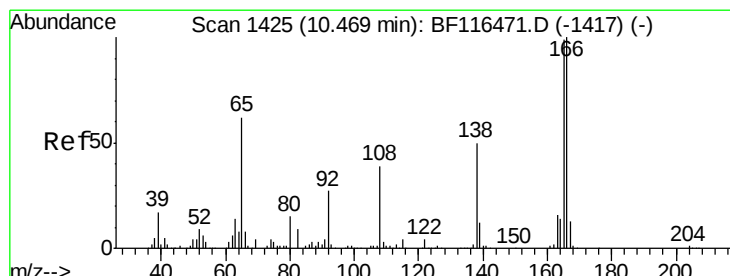
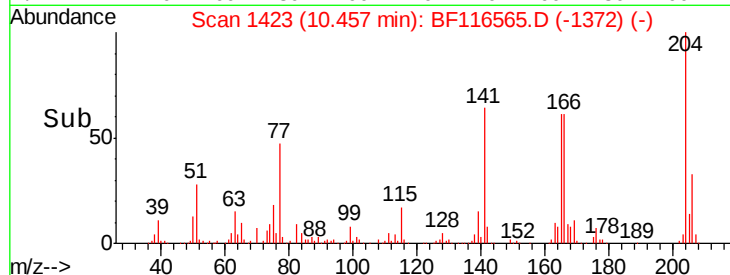
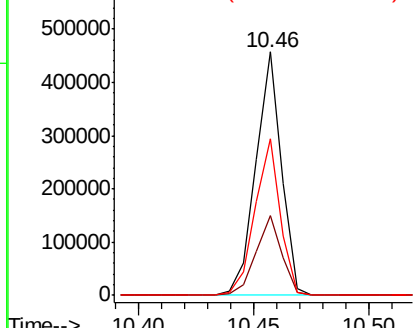
#61
 4-Chlorophenyl-phenylether
 Concen: 39.098 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	354720
Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.9	38.9
141	64.4	48.6	73.0

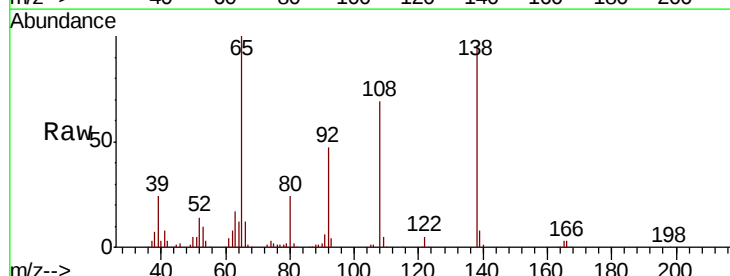


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

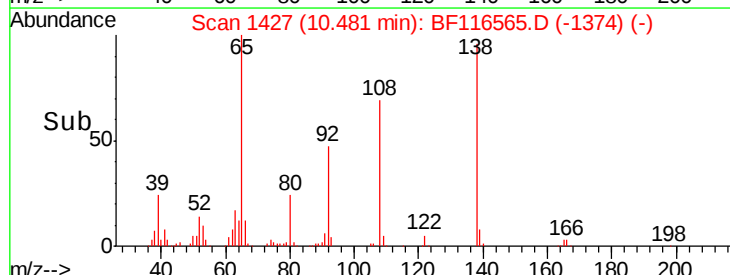
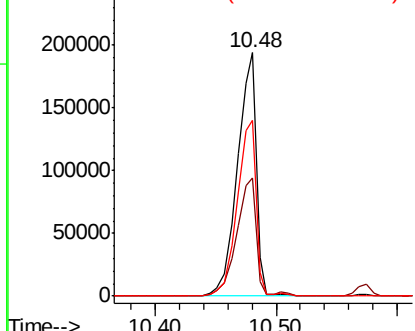


#62
 4-Nitroaniline
 Concen: 43.188 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

Tgt Ion:	138	Resp:	212183
Ion	Ratio	Lower	Upper
138	100		
92	48.7	34.9	74.9
108	72.0	57.7	97.7



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





#63

Azobenzene

Concen: 37.752 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 785496

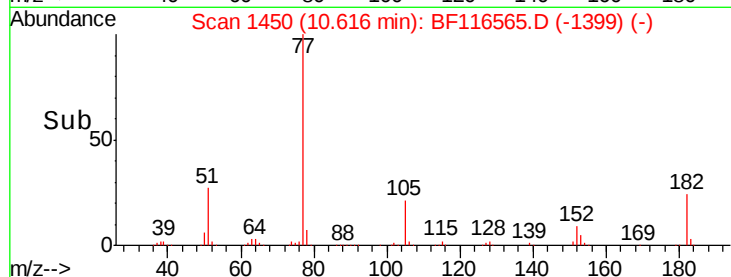
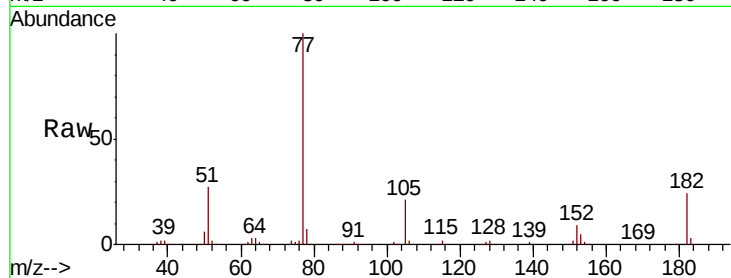
Ion Ratio Lower Upper

77 100

182 23.9 5.4 45.4

105 20.9 1.6 41.6

51 26.9 6.2 46.2

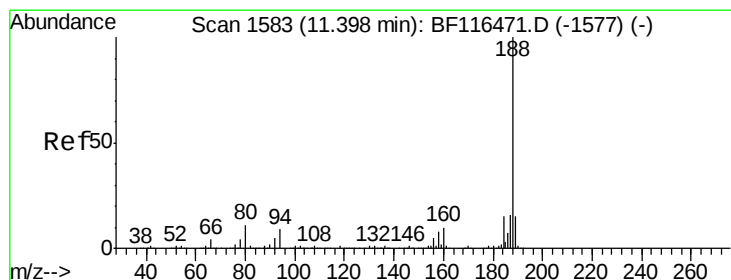
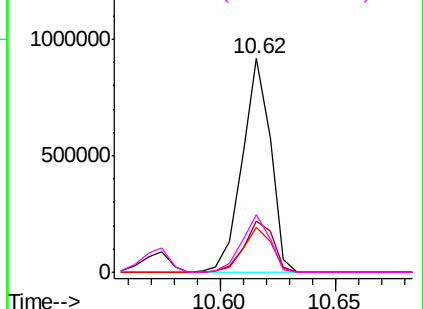


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

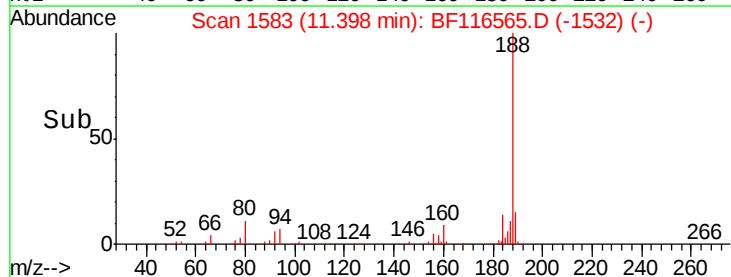
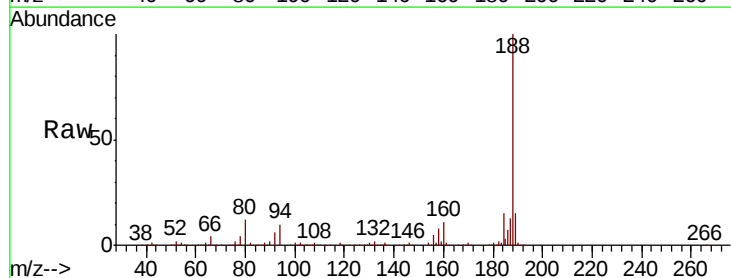
Tgt Ion: 188 Resp: 523878

Ion Ratio Lower Upper

188 100

94 10.4 7.4 11.2

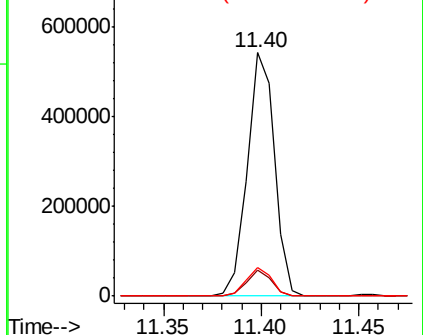
80 11.6 8.6 12.8

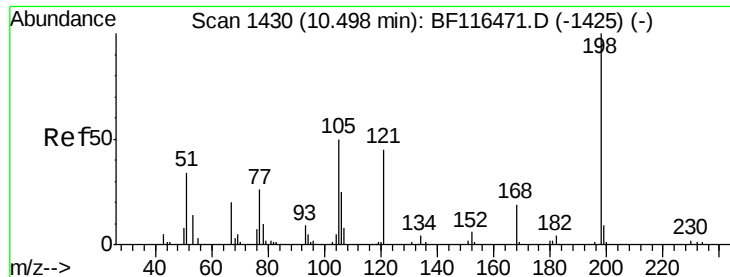


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

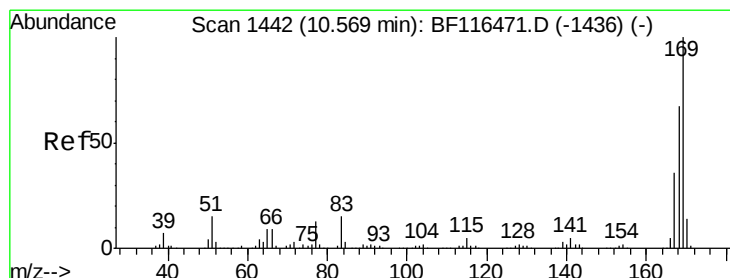
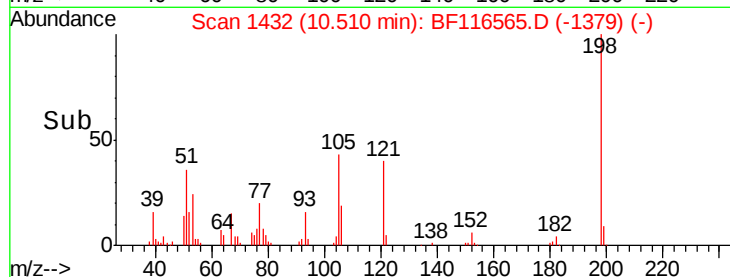
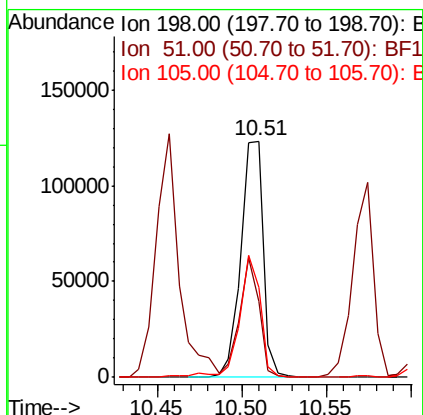
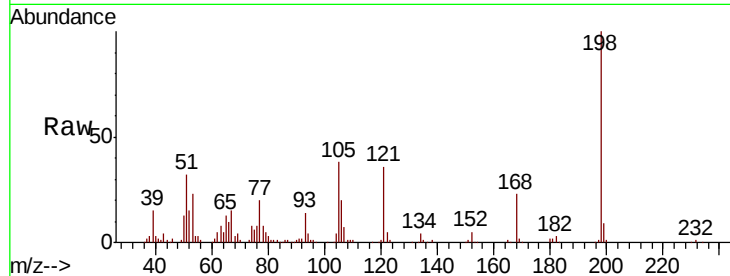




#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.628 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

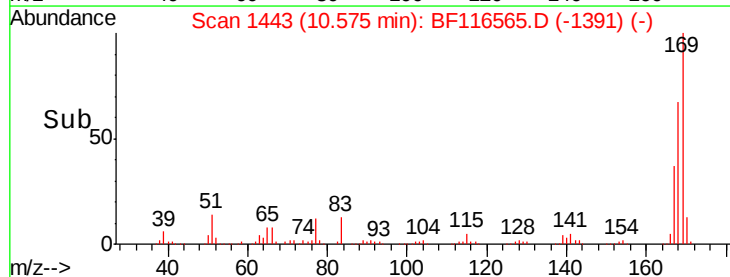
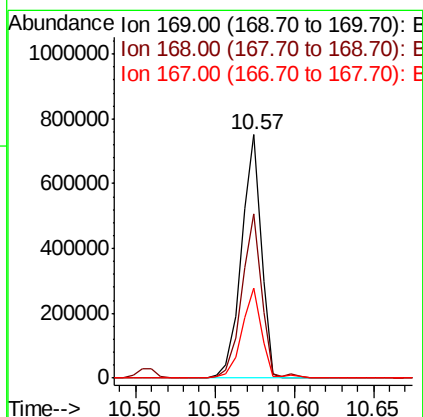
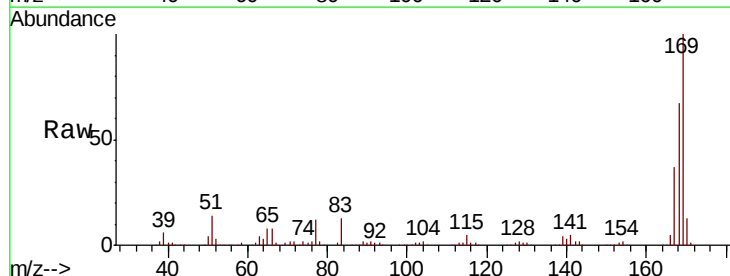
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

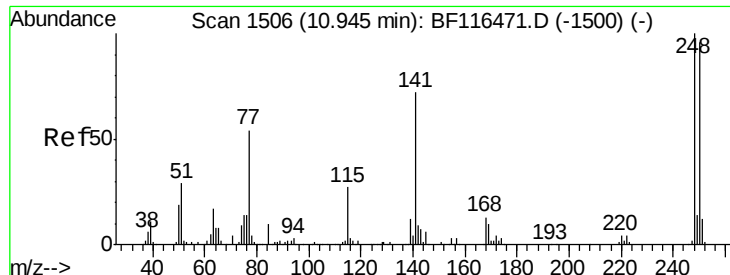
Tot Ion:198 Resp: 114752
 Ion Ratio Lower Upper
 198 100
 51 32.0 30.4 70.4
 105 37.9 32.8 72.8



#66
 n-Nitrosodiphenylamine
 Concen: 38.047 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

Tgt Ion:169 Resp: 645400
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.6 80.4
 167 36.8 28.7 43.1

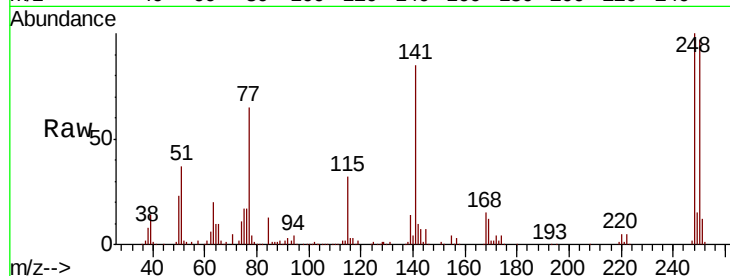




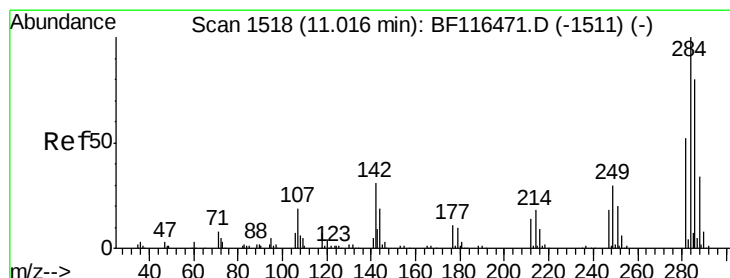
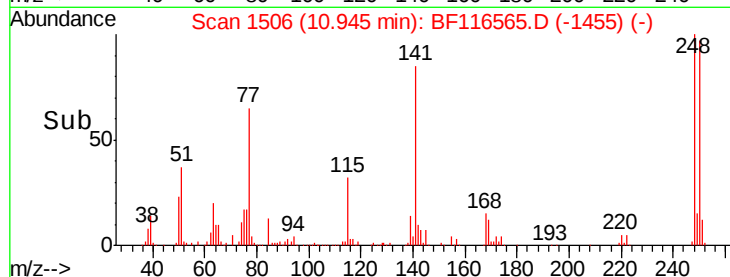
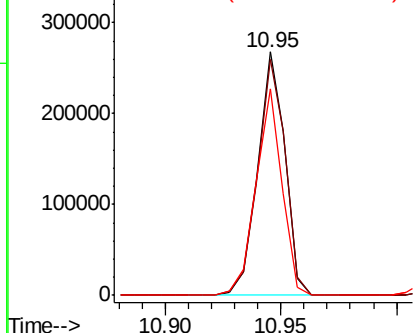
#67
4-Bromophenyl-phenylether
Concen: 40.241 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF116565.D
Acq: 26 Aug 2019 10:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 221014
Ion Ratio Lower Upper
248 100
250 97.2 77.0 115.6
141 84.8 57.4 86.0

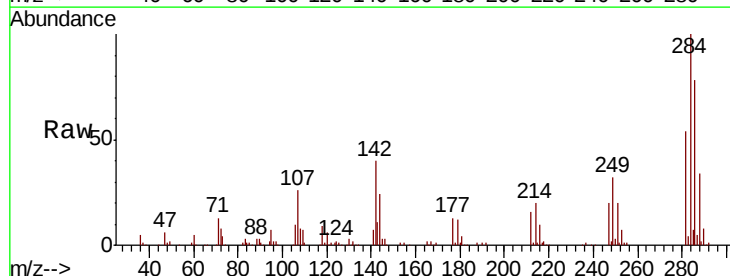


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

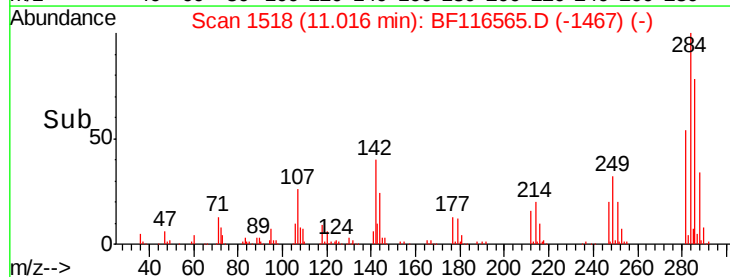
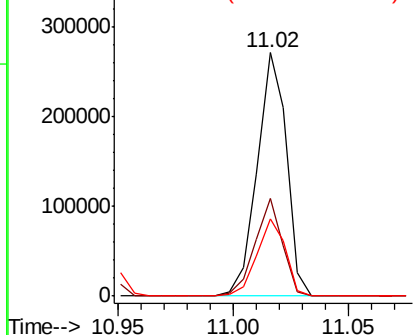


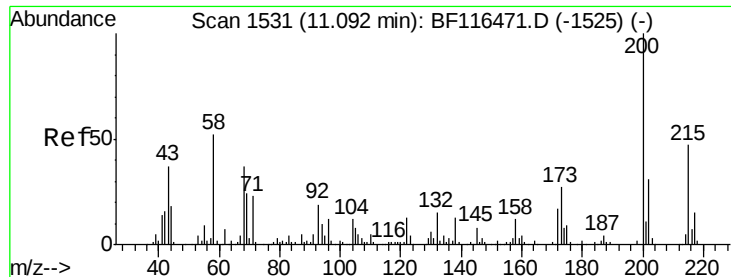
#68
Hexachlorobenzene
Concen: 39.663 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF116565.D
Acq: 26 Aug 2019 10:55

Tgt Ion:284 Resp: 240942
Ion Ratio Lower Upper
284 100
142 40.1 24.6 36.8#
249 32.0 24.1 36.1



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: 41.635 ng

RT: 11.10 min Scan# 1532

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

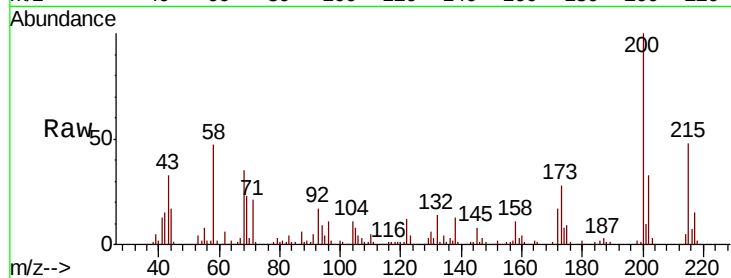
Tot Ion:200 Resp: 211608

Ion Ratio Lower Upper

200 100

173 28.2 7.3 47.3

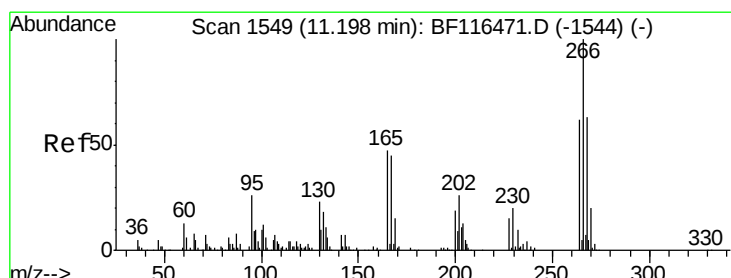
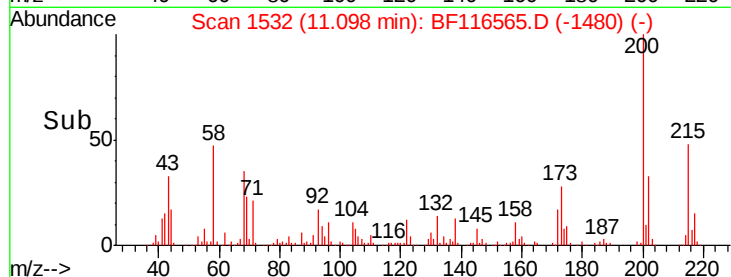
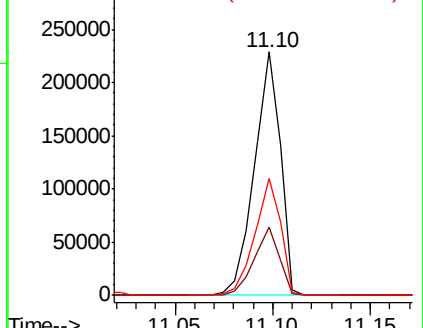
215 48.0 26.7 66.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 42.301 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

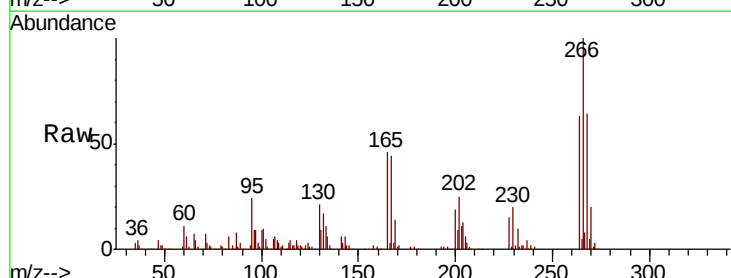
Tgt Ion:266 Resp: 149924

Ion Ratio Lower Upper

266 100

268 64.3 50.7 76.1

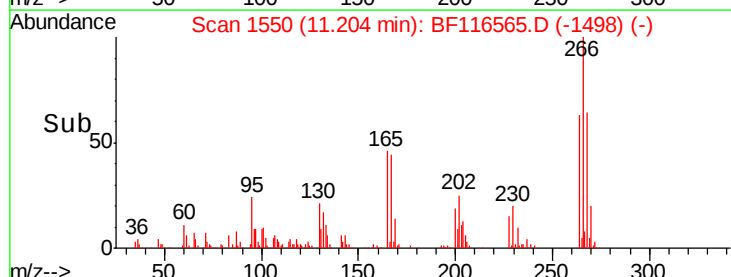
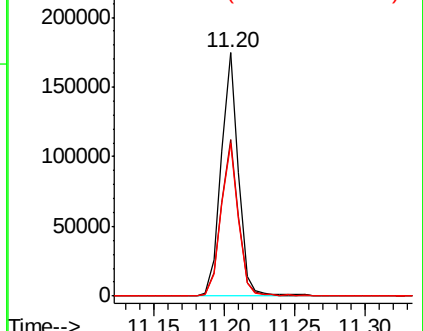
264 62.8 50.0 75.0

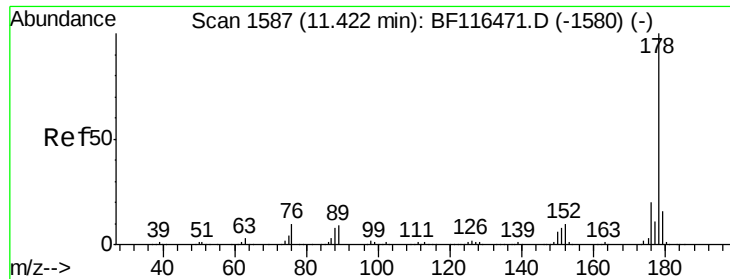


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

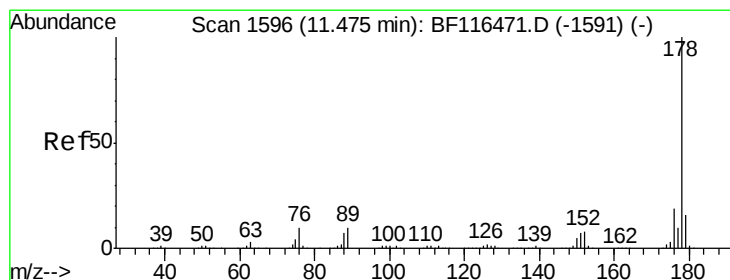
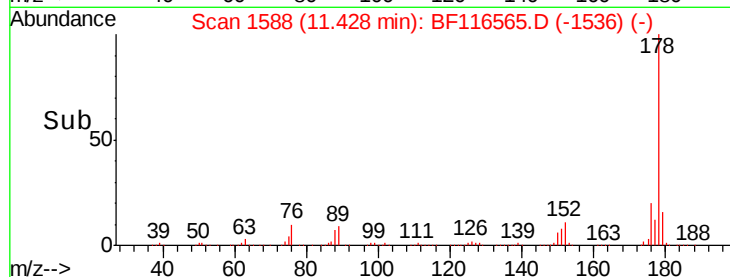
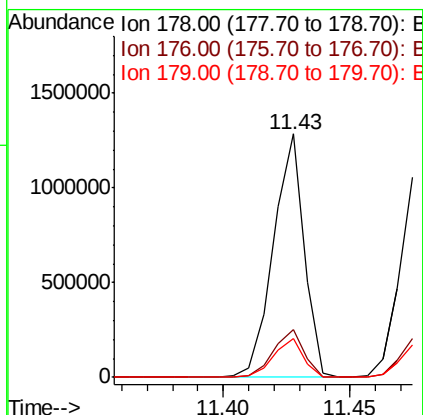
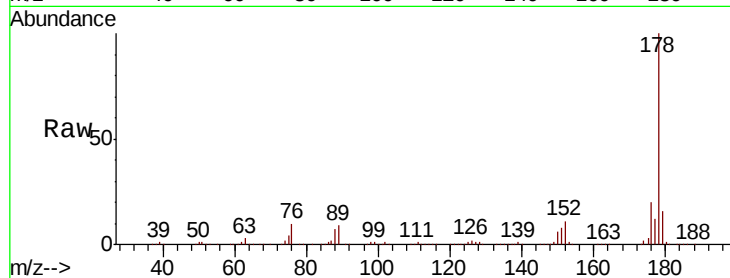




#71
 Phenanthrene
 Concen: 38.459 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

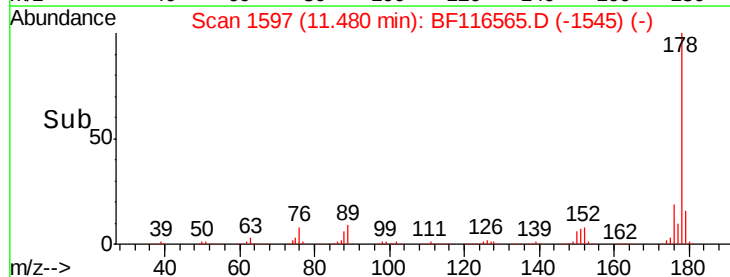
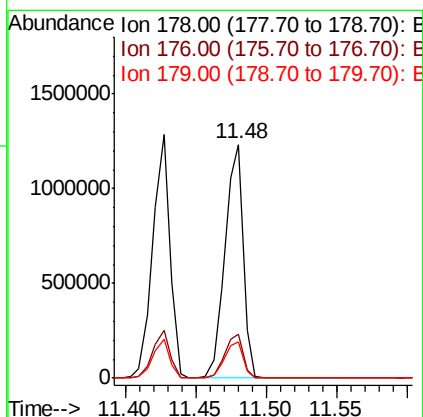
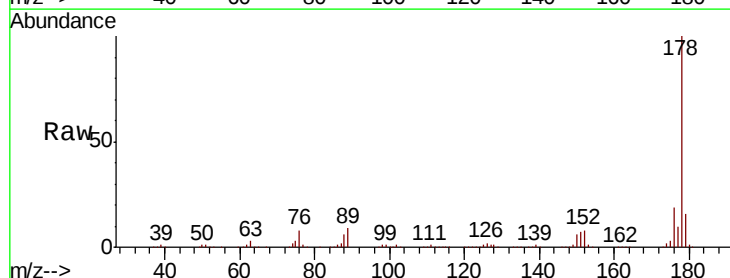
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1097575
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.6
 179 16.0 12.8 19.2



#72
 Anthracene
 Concen: 38.658 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

Tgt Ion:178 Resp: 1108610
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.2 22.8
 179 15.6 12.5 18.7

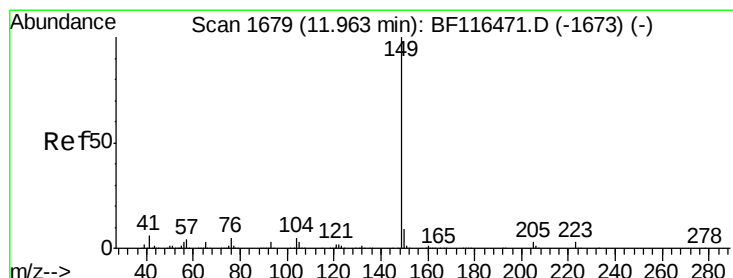
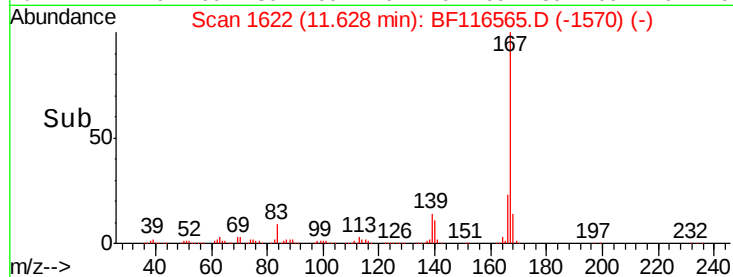
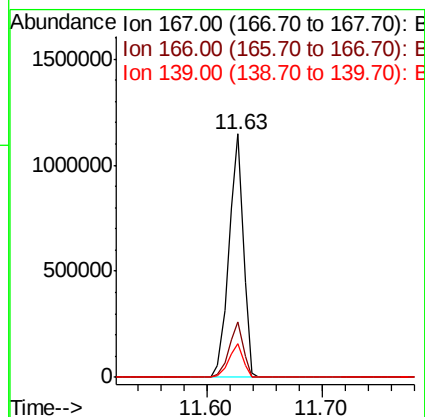
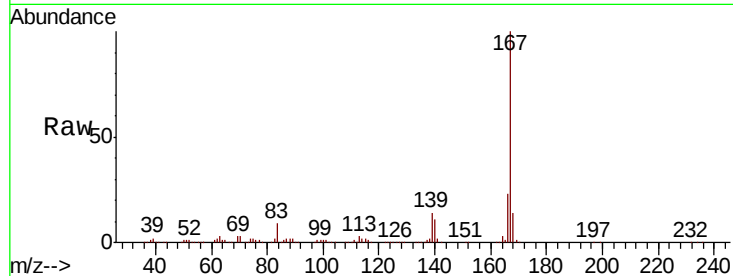




#73
 Carbazole
 Concen: 38.326 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.01 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

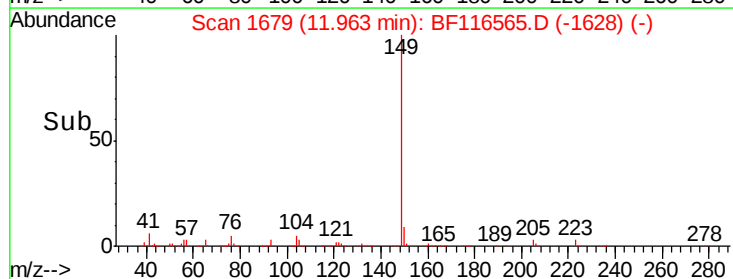
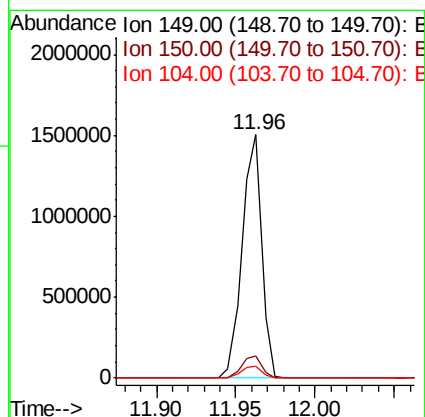
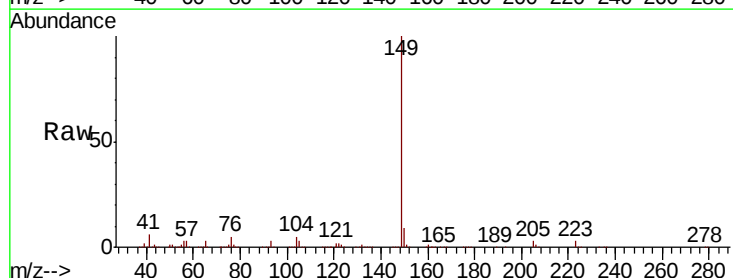
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

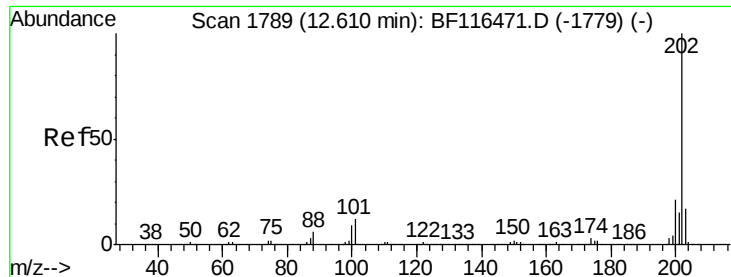
Tot Ion:167 Resp: 986573
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.8 26.6
 139 13.7 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 40.177 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

Tgt Ion:149 Resp: 1281552
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 5.0 4.1 6.1

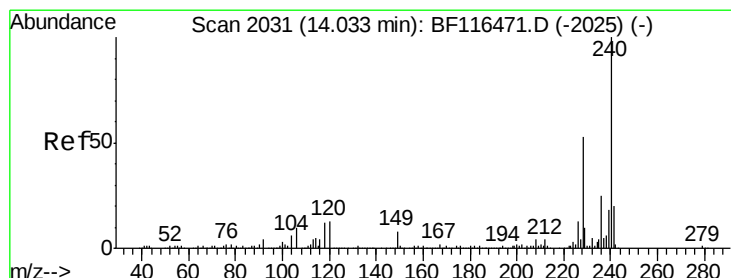
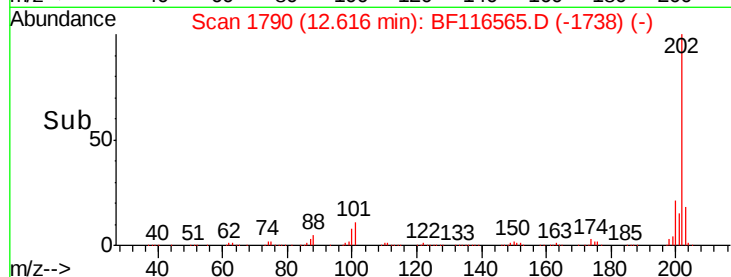
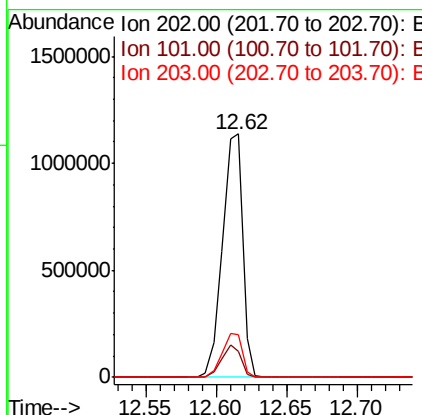
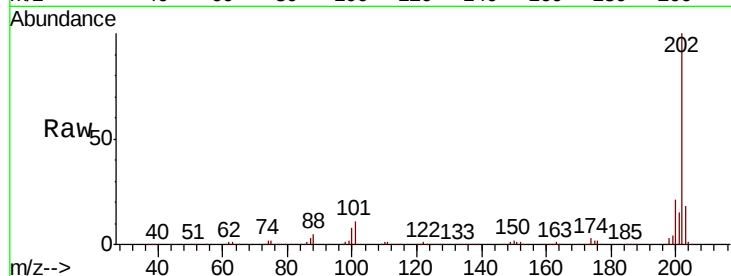




#75
 Fluoranthene
 Concen: 38.436 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

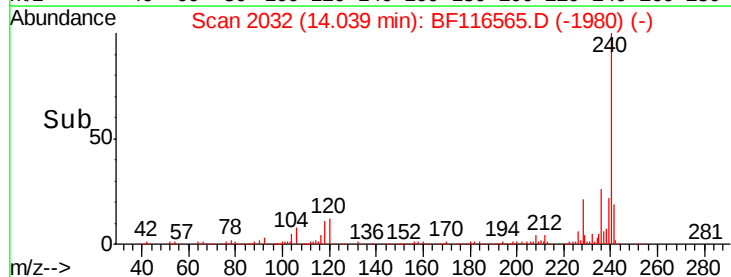
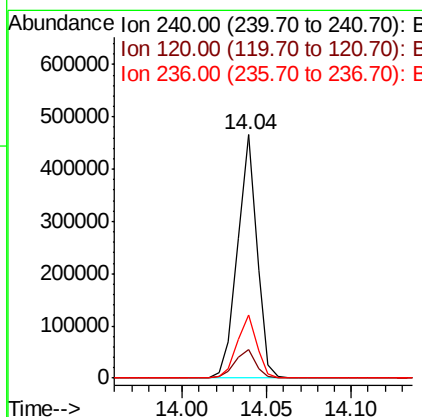
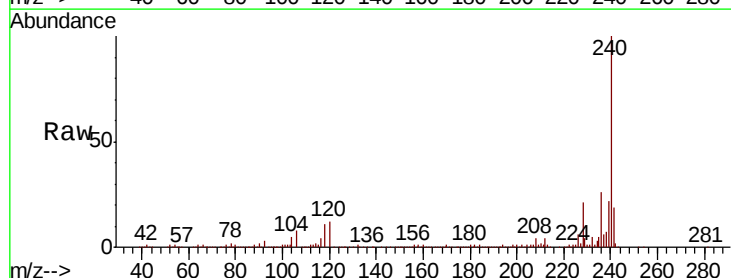
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

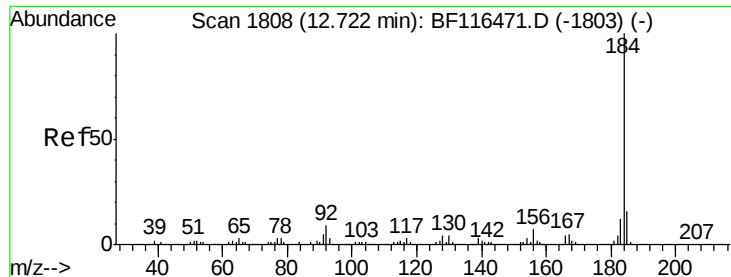
Tot Ion:202 Resp: 1134046
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 31.5
 203 17.6 0.0 37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF116565.D
 Acq: 26 Aug 2019 10:55

Tgt Ion:240 Resp: 372856
 Ion Ratio Lower Upper
 240 100
 120 11.7 10.5 15.7
 236 26.0 20.2 30.2





#77

Benzidine

Concen: 37.767 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

Instrument :

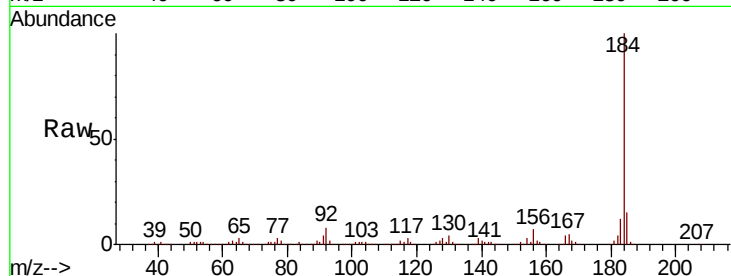
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 566551

Ion	Ratio	Lower	Upper
184	100		
185	15.2	13.0	19.4
183	12.1	9.8	14.6

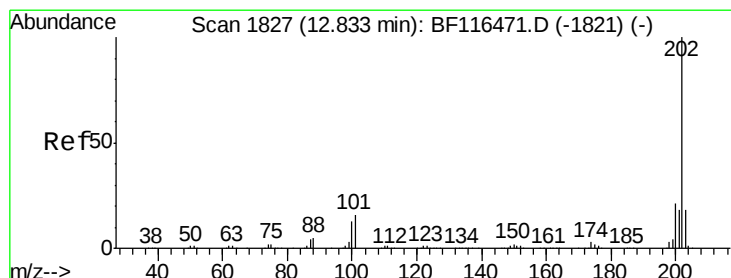
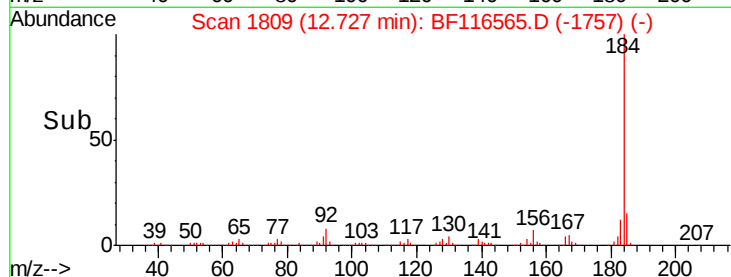
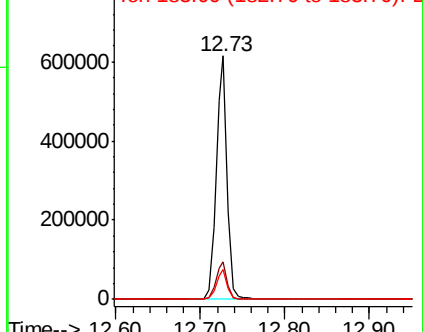


Abundance

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: 38.457 ng

RT: 12.84 min Scan# 1828

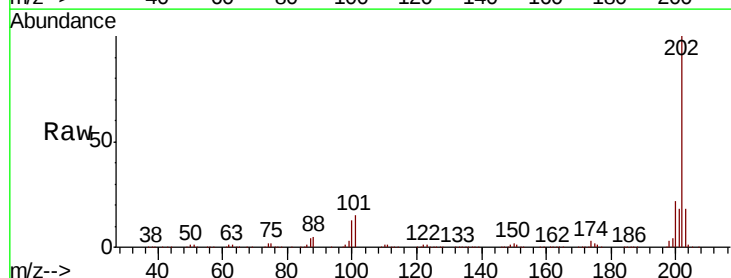
Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

Tgt Ion:202 Resp: 1146702

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.0	25.4
203	18.3	14.2	21.4

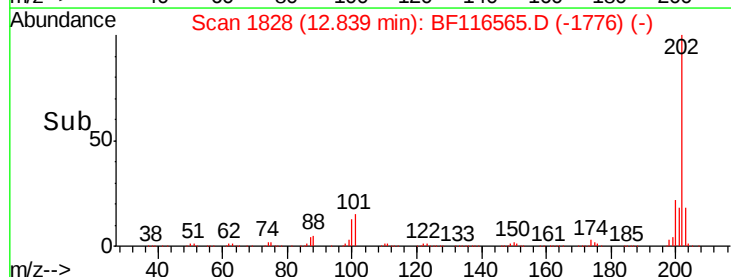
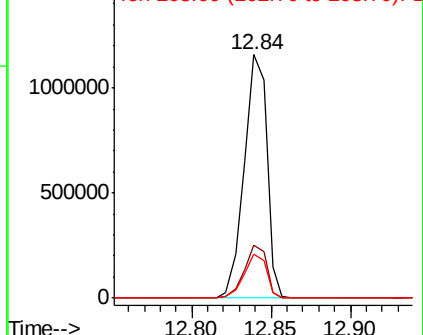


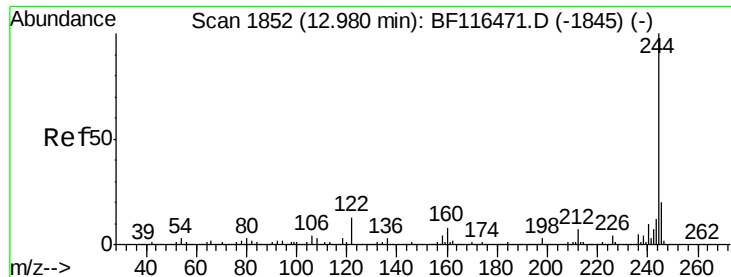
Abundance

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: 78.629 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

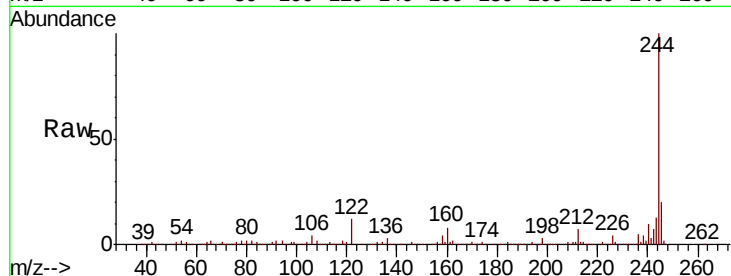
Tot Ion:244 Resp: 1569523

Ion Ratio Lower Upper

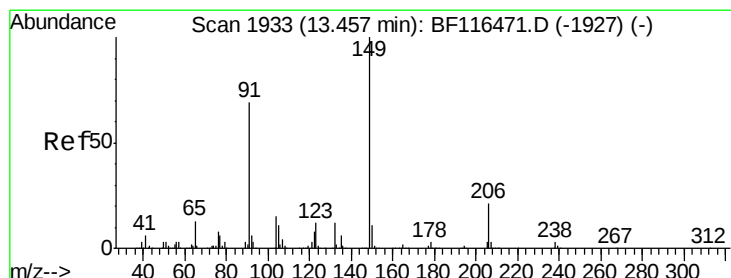
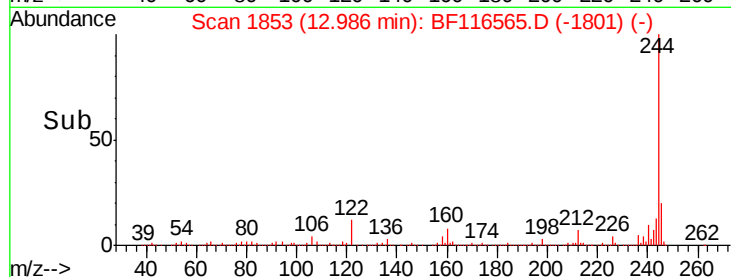
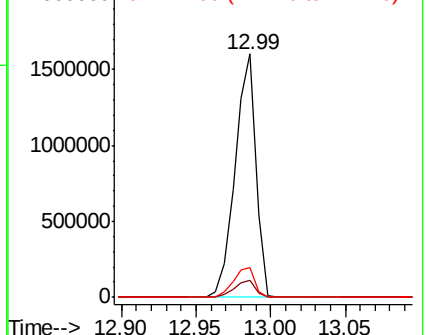
244 100

212 7.2 5.7 8.5

122 12.2 10.2 15.4



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: 42.094 ng

RT: 13.46 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

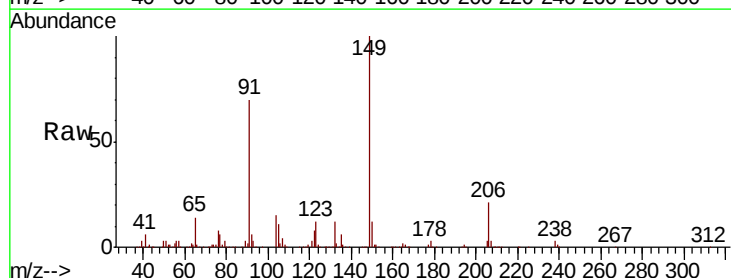
Tgt Ion:149 Resp: 542057

Ion Ratio Lower Upper

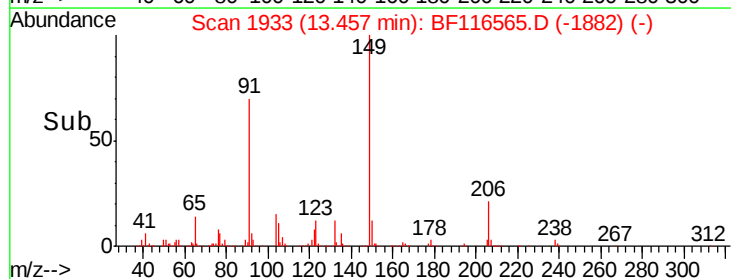
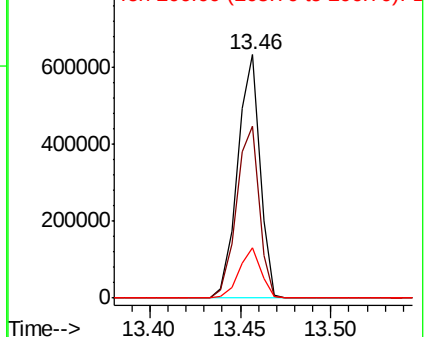
149 100

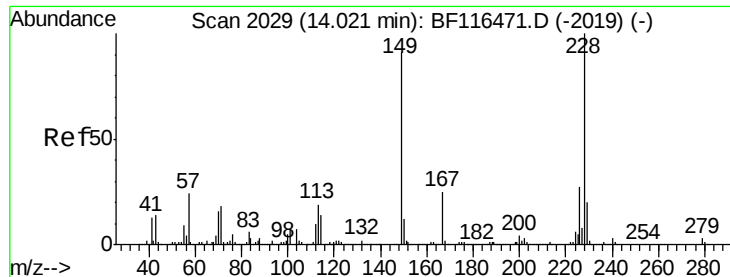
91 70.4 54.9 82.3

206 20.8 16.6 24.8



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: 38.959 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

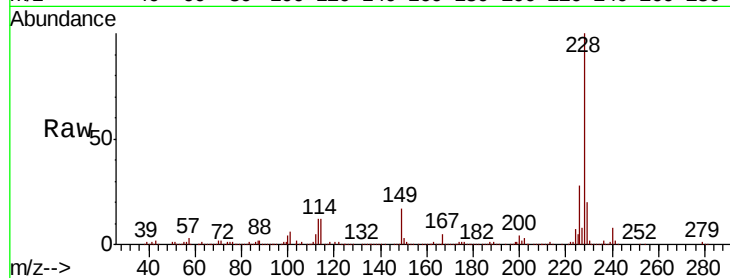
Tot Ion:228 Resp: 940808

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.6

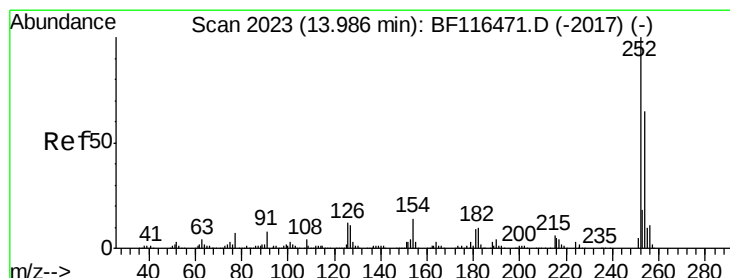
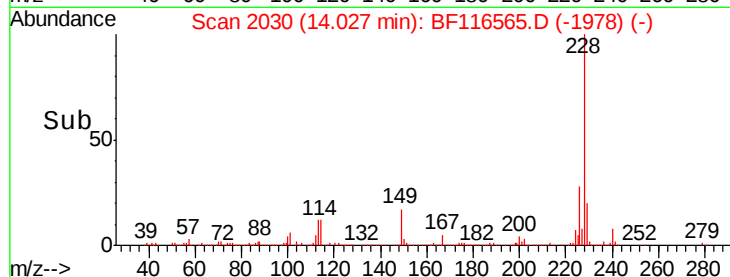
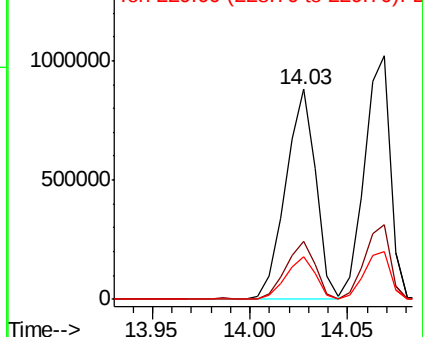
229 20.1 15.9 23.9



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: 39.584 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

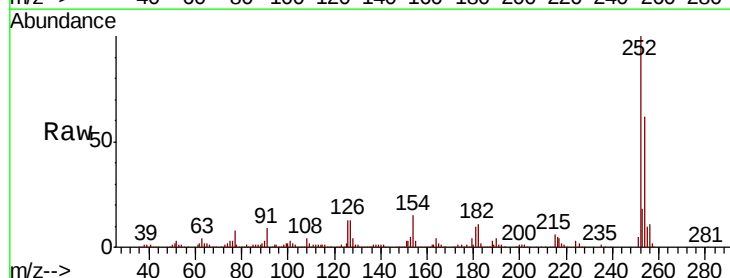
Tgt Ion:252 Resp: 340651

Ion Ratio Lower Upper

252 100

254 62.4 51.9 77.9

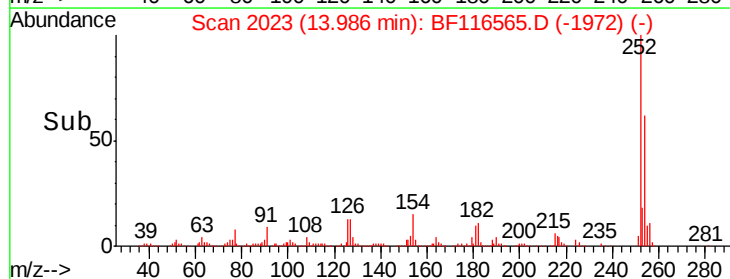
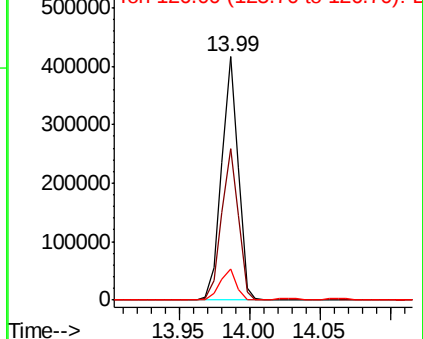
126 12.6 9.4 14.0

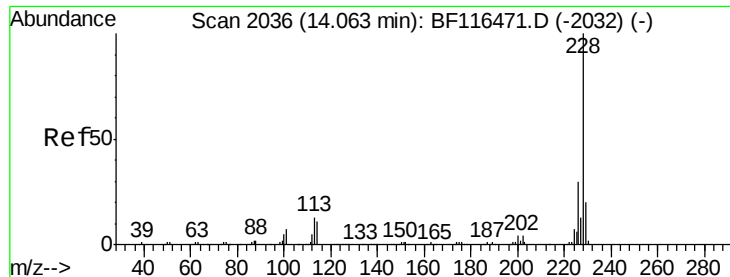


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.434 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

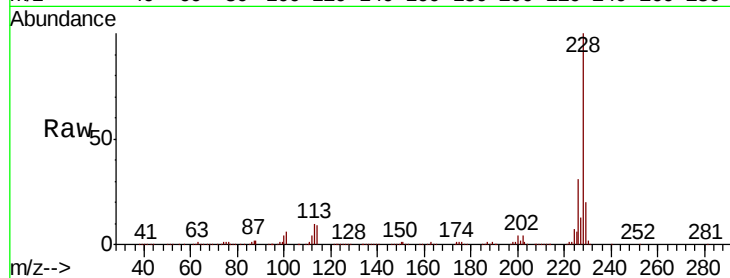
Tot Ion:228 Resp: 940718

Ion Ratio Lower Upper

228 100

226 30.9 24.2 36.2

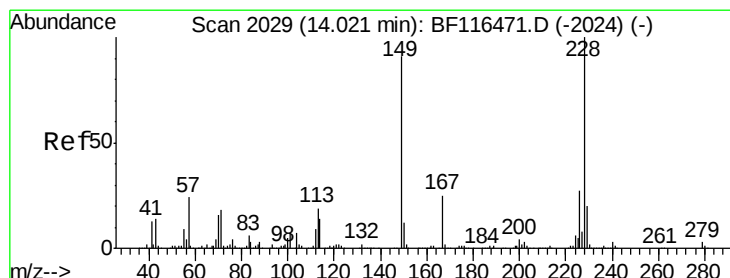
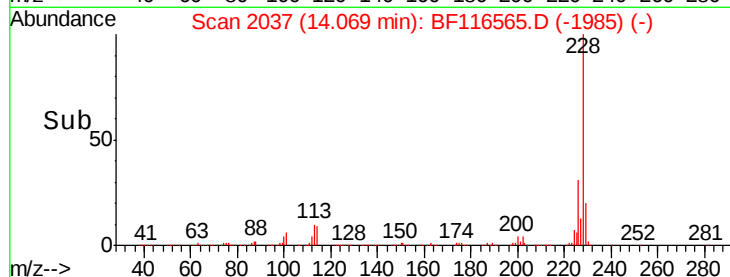
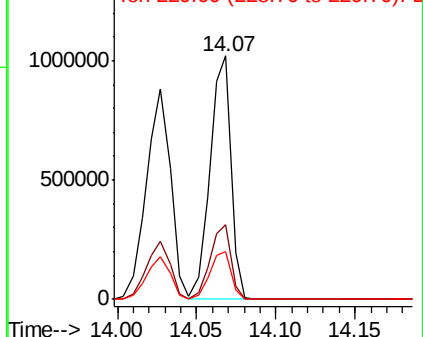
229 19.7 15.8 23.6



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: 42.365 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

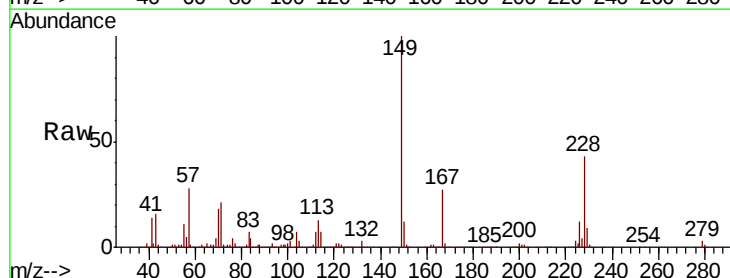
Tgt Ion:149 Resp: 727462

Ion Ratio Lower Upper

149 100

167 26.7 21.8 32.6

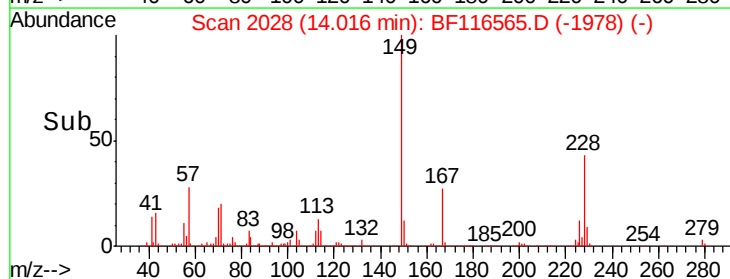
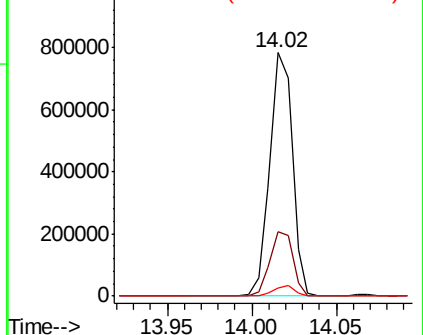
279 3.5 3.0 4.4

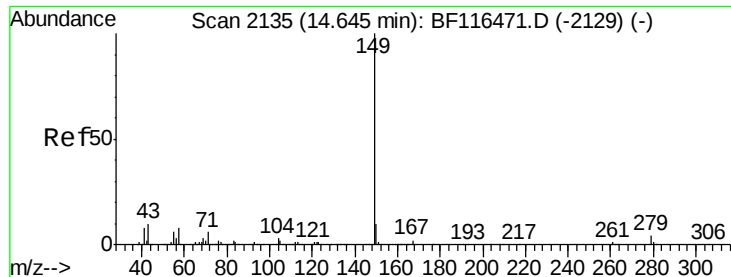


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.659 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

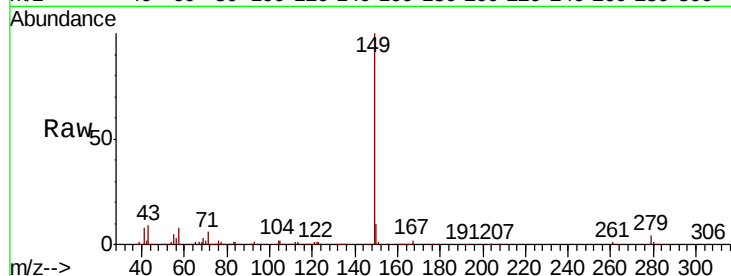
Tot Ion:149 Resp: 1214443

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

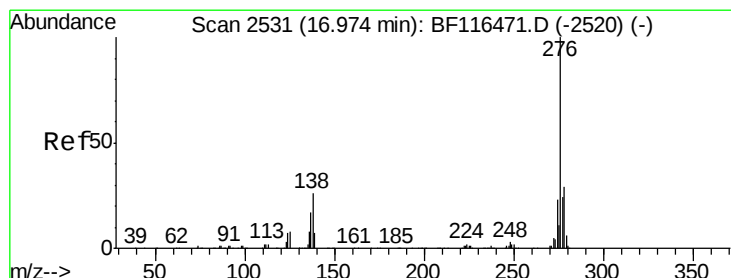
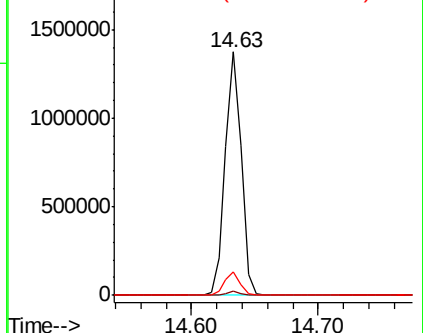
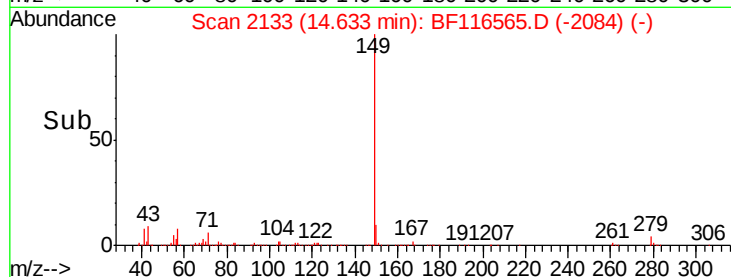
43 9.2 7.8 11.8



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: 34.837 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

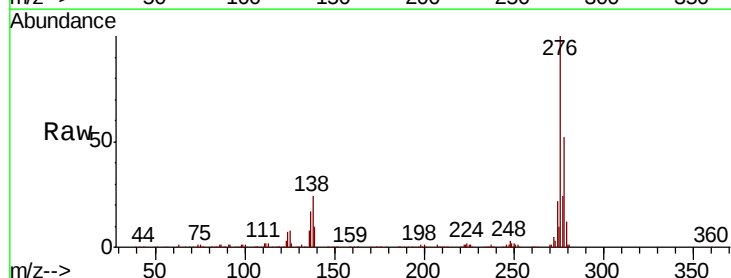
Tgt Ion:276 Resp: 730423

Ion Ratio Lower Upper

276 100

138 27.2 22.9 34.3

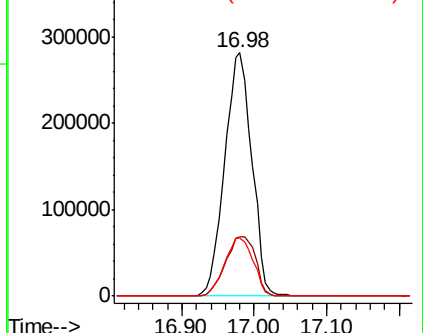
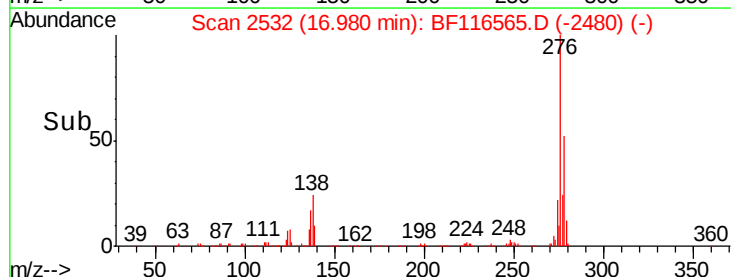
277 25.2 19.9 29.9

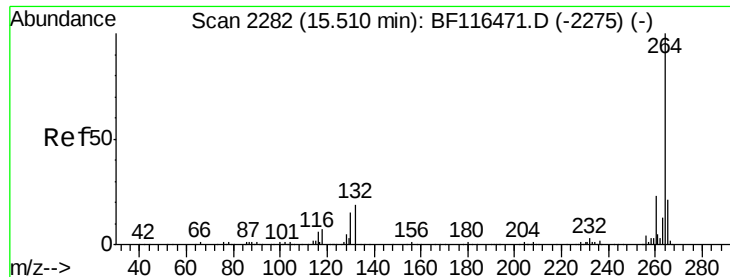


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

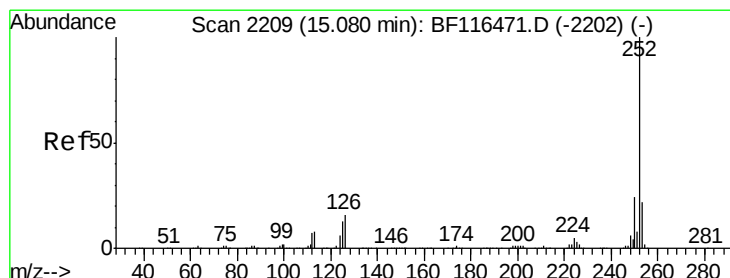
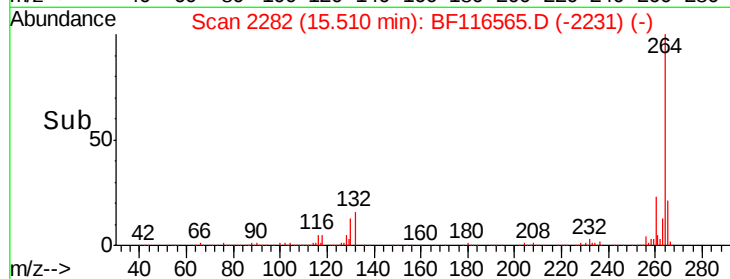
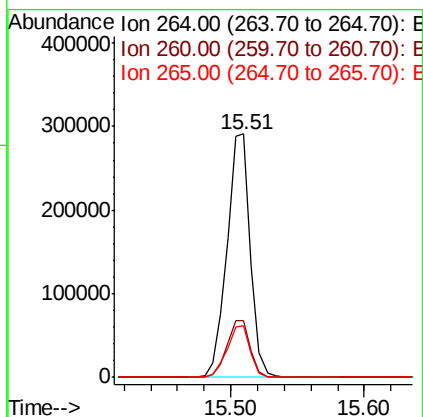
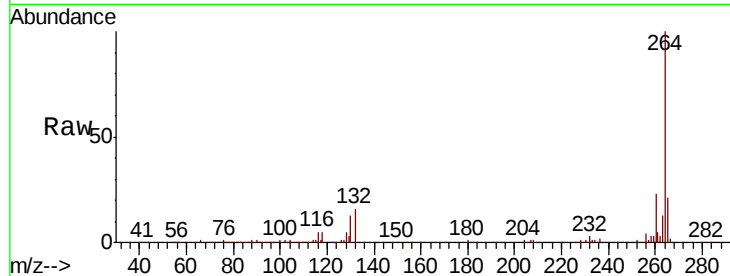




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BF116565.D
Acq: 26 Aug 2019 10:55

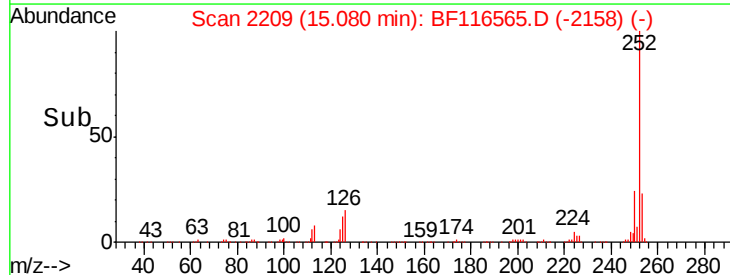
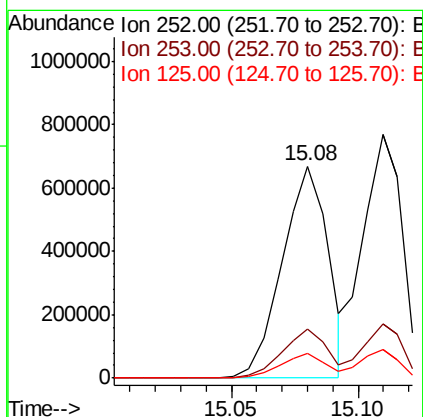
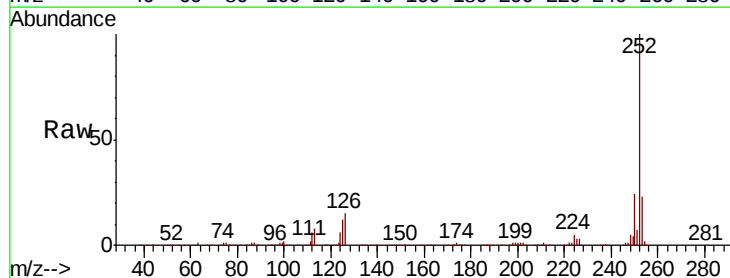
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 358211
Ion Ratio Lower Upper
264 100
260 23.1 18.8 28.2
265 21.4 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 38.177 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF116565.D
Acq: 26 Aug 2019 10:55

Tgt Ion:252 Resp: 844807
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 11.6 10.1 15.1

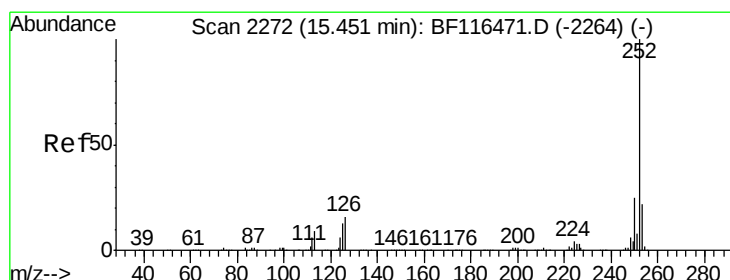
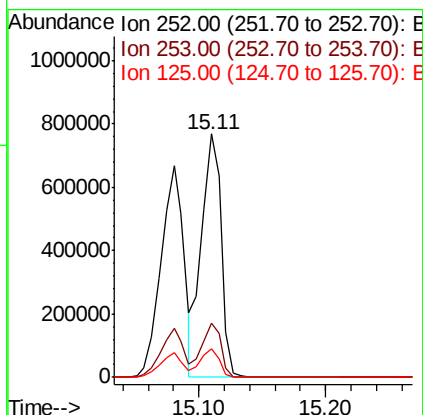
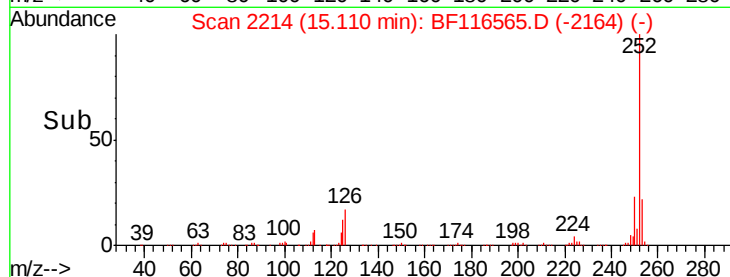
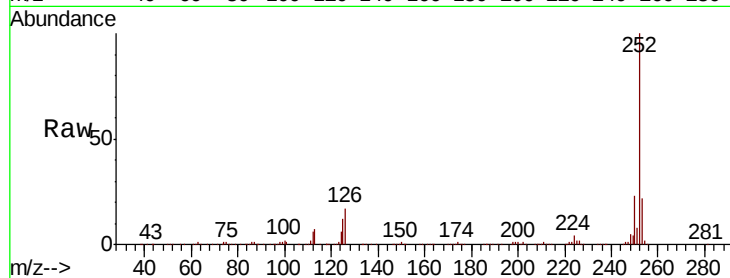




#89
Benzo(k)fluoranthene
Concen: 41.699 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF116565.D
Acq: 26 Aug 2019 10:55

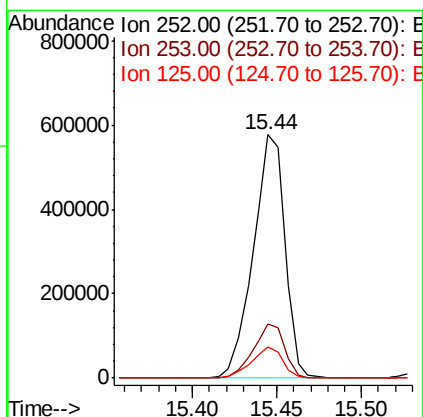
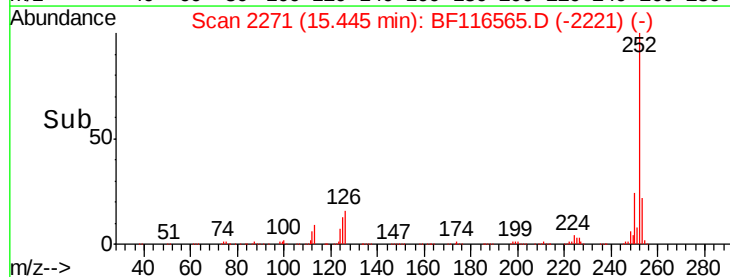
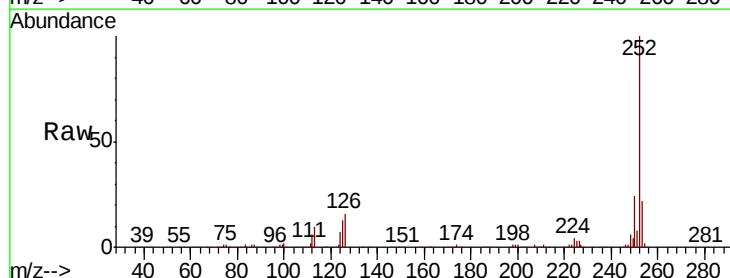
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

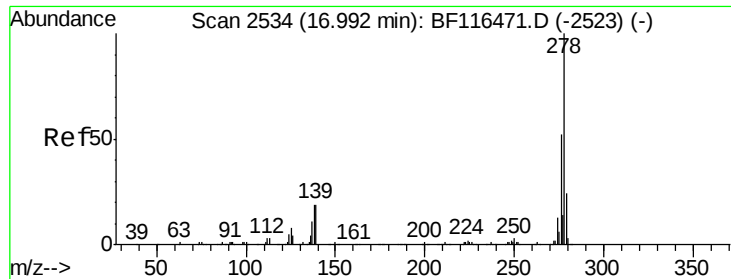
Tot Ion:252 Resp: 835963
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 11.8 9.1 13.7



#90
Benzo(a)pyrene
Concen: 38.508 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF116565.D
Acq: 26 Aug 2019 10:55

Tgt Ion:252 Resp: 753119
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 13.0 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 37.931 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

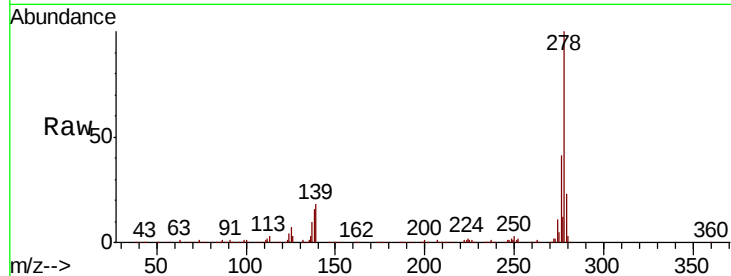
Tot Ion:278 Resp: 609574

Ion Ratio Lower Upper

278 100

139 18.3 15.3 22.9

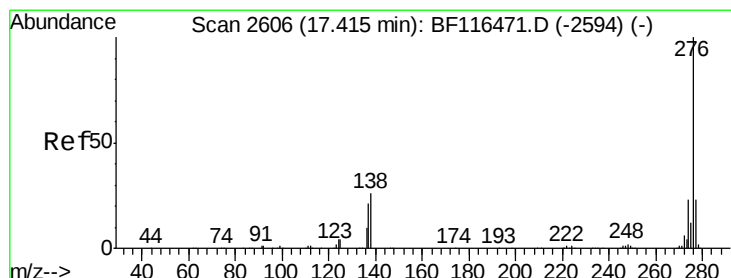
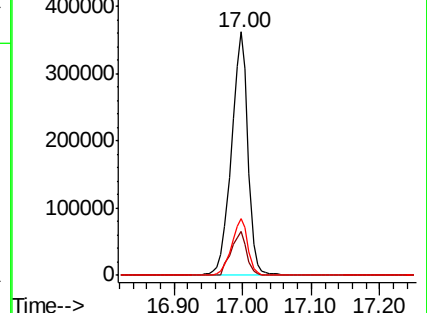
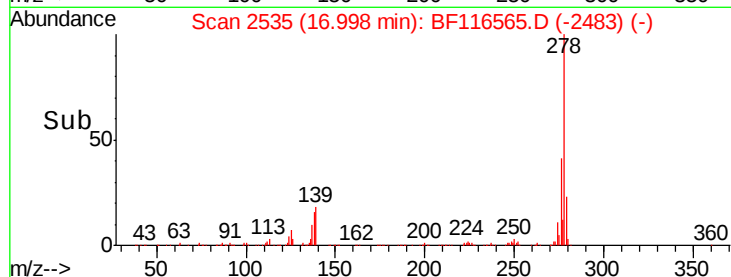
279 23.1 19.0 28.6



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: 37.139 ng

RT: 17.42 min Scan# 2607

Delta R.T. 0.01 min

Lab File: BF116565.D

Acq: 26 Aug 2019 10:55

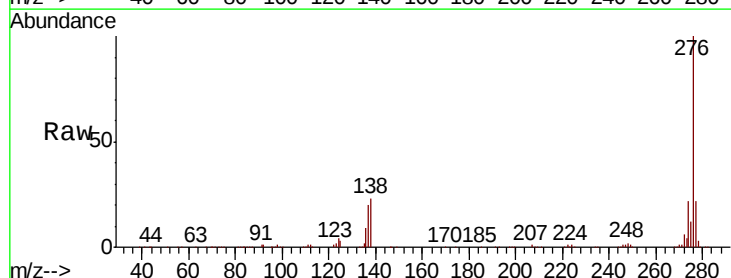
Tgt Ion:276 Resp: 569000

Ion Ratio Lower Upper

276 100

277 22.3 18.7 28.1

138 23.2 20.8 31.2



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

