

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
 Data File : BF116588.D
 Acq On : 27 Aug 2019 17:05
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 28 06:36:31 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	6.87	152	71916	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	382972	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	198371	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	269971	20.00	ng	0.00
76) Chrysene-d12	14.03	240	265774	20.00	ng	0.00
87) Perylene-d12	15.49	264	160593	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	341880	69.46	ng	0.00
7) Phenol-d6	6.50	99	443712	73.52	ng	0.00
23) Nitrobenzene-d5	7.44	82	535662	76.52	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	154559	90.74	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	937627	76.12	ng	0.00
79) Terphenyl-d14	12.97	244	1205446	84.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	71348	33.481	ng	97
3) Pyridine	3.39	79	213907	32.961	ng	100
4) n-Nitrosodimethylamine	3.33	42	86409	36.474	ng	# 90
6) Aniline	6.54	93	295896	36.216	ng	99
8) 2-Chlorophenol	6.66	128	187131	36.231	ng	99
9) Benzaldehyde	6.42	77	140109	34.747	ng	97
10) Phenol	6.52	94	247618	37.784	ng	98
11) bis(2-Chloroethyl)ether	6.61	93	178231	35.719	ng	99
12) 1,3-Dichlorobenzene	6.82	146	218178	39.027	ng	95
13) 1,4-Dichlorobenzene	6.89	146	225993	42.002	ng	100
14) 1,2-Dichlorobenzene	7.05	146	227320	44.785	ng	99
15) Benzyl Alcohol	7.02	79	190590	39.024	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	269852	39.113	ng	97
17) 2-Methylphenol	7.12	107	191123	44.661	ng	98
18) Hexachloroethane	7.39	117	102520	48.856	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	172489	41.886	ng	98
20) 3+4-Methylphenols	7.27	107	256087	48.850	ng	99
22) Acetophenone	7.28	105	346685	36.202	ng	95
24) Nitrobenzene	7.46	77	283996	39.176	ng	98
25) Isophorone	7.69	82	515612	37.377	ng	99
26) 2-Nitrophenol	7.77	139	135875	51.313	ng	100
27) 2,4-Dimethylphenol	7.80	122	208541	37.745	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	322154	37.816	ng	99
29) 2,4-Dichlorophenol	8.01	162	219664	41.806	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	254334	42.997	ng	99
31) Naphthalene	8.18	128	760065	41.026	ng	100
32) Benzoic acid	7.92	122	187737	53.151	ng	94
33) 4-Chloroaniline	8.22	127	316129	38.870	ng	98
34) Hexachlorobutadiene	8.30	225	136883	42.432	ng	98
35) Caprolactam	8.59	113	63357	34.617	ng	91
36) 4-Chloro-3-methylphenol	8.70	107	221622	37.382	ng	98
37) 2-Methylnaphthalene	8.87	142	431436	33.917	ng	97
38) 1-Methylnaphthalene	8.97	142	399322	33.605	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	200240	37.519	ng	100

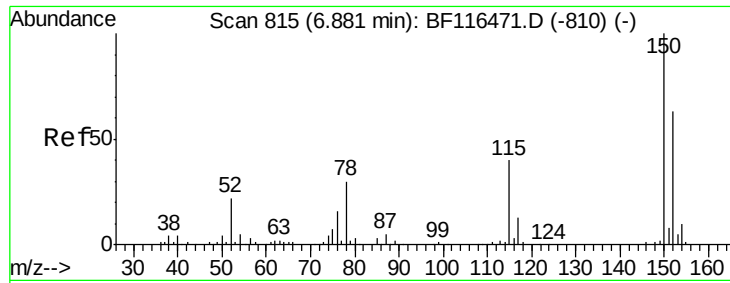
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	123811	43.117	ng	96
43) 2,4,6-Trichlorophenol	9.15	196	145372	38.919	ng	99
44) 2,4,5-Trichlorophenol	9.18	196	125464	33.011	ng	96
46) 1,1'-Biphenyl	9.33	154	558317	35.203	ng	98
47) 2-Chloronaphthalene	9.36	162	382493	31.108	ng	98
48) 2-Nitroaniline	9.45	65	124701	33.124	ng	99
49) Acenaphthylene	9.77	152	705376	39.211	ng	99
50) Dimethylphthalate	9.63	163	517836	37.415	ng	99
51) 2,6-Dinitrotoluene	9.69	165	117799	41.582	ng	99
52) Acenaphthene	9.95	154	483601	41.895	ng	99
53) 3-Nitroaniline	9.86	138	143255	42.422	ng	90
54) 2,4-Dinitrophenol	9.96	184	61259	57.834	ng	# 1
55) Dibenzofuran	10.12	168	653969	40.643	ng	98
56) 4-Nitrophenol	10.00	139	113145	43.108	ng	99
57) 2,4-Dinitrotoluene	10.09	165	159771	44.322	ng	94
58) Fluorene	10.46	166	412595	33.004	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	134263	43.023	ng	100
60) Diethylphthalate	10.33	149	576589	42.386	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	232313	38.091	ng	93
62) 4-Nitroaniline	10.47	138	115502	34.972	ng	95
63) Azobenzene	10.61	77	545019	38.966	ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	64499	56.766	ng	85
66) n-Nitrosodiphenylamine	10.56	169	442911	50.667	ng	99
67) 4-Bromophenyl-phenylether	10.94	248	148632	52.514	ng	96
68) Hexachlorobenzene	11.01	284	159127	50.832	ng	94
69) Atrazine	11.09	200	130142	49.689	ng	98
70) Pentachlorophenol	11.19	266	78319	42.881	ng	99
71) Phenanthrene	11.42	178	609363	41.434	ng	99
72) Anthracene	11.47	178	623588	42.196	ng	99
73) Carbazole	11.62	167	558672	42.115	ng	98
74) Di-n-butylphthalate	11.95	149	865685	52.664	ng	100
75) Fluoranthene	12.60	202	855813	56.285	ng	100
77) Benzidine	12.72	184	434962	40.677	ng	99
78) Pyrene	12.83	202	866319	40.760	ng	100
80) Butylbenzylphthalate	13.44	149	399598	43.534	ng	95
81) Benzo(a)anthracene	14.02	228	710709	41.288	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	249782	40.720	ng	99
83) Chrysene	14.06	228	707191	40.534	ng	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	519289	42.427	ng	99
85) Di-n-octyl phthalate	14.62	149	827074	39.802	ng	98
86) Indeno(1,2,3-cd)pyrene	16.94	276	502678	33.635	ng	98
88) Benzo(b)fluoranthene	15.06	252	581171	58.582	ng	# 97
89) Benzo(k)fluoranthene	15.09	252	497186	55.319	ng	98
90) Benzo(a)pyrene	15.43	252	379661	43.301	ng	97
91) Dibenzo(a,h)anthracene	16.97	278	414221	57.493	ng	97
92) Benzo(g,h,i)perylene	17.39	276	393799	57.333	ng	96

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

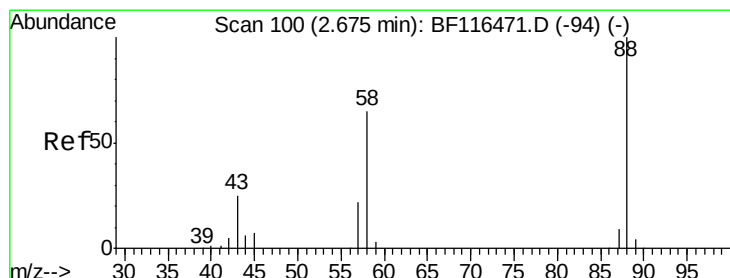
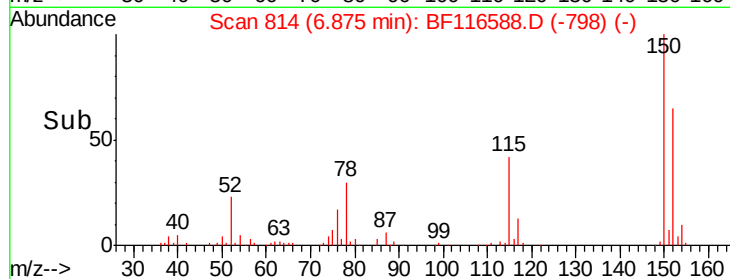
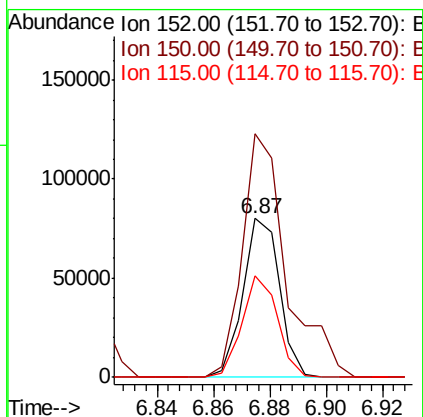
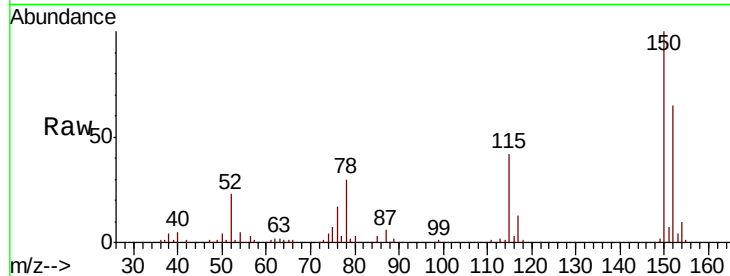


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

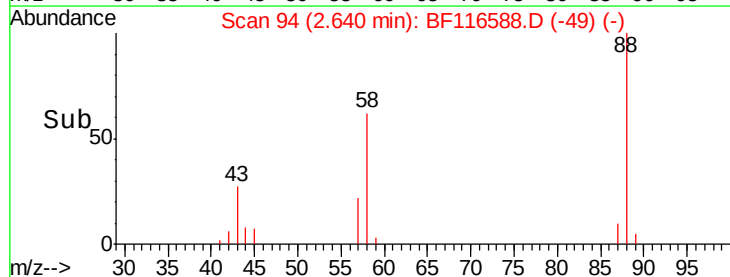
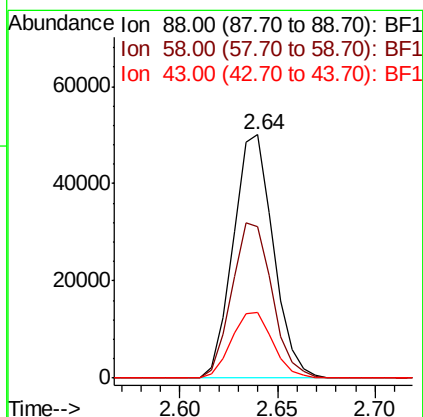
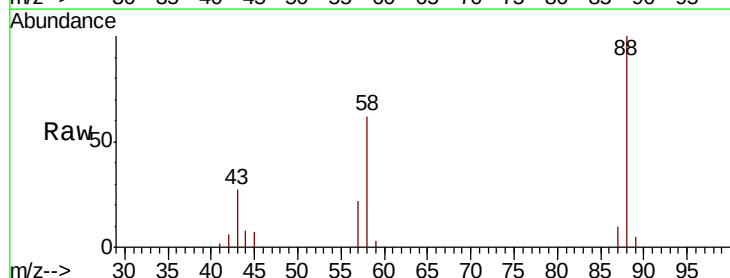
Tot Ion:152 Resp: 71916
 Ion Ratio Lower Upper
 152 100
 150 153.4 126.7 190.1
 115 64.0 50.9 76.3

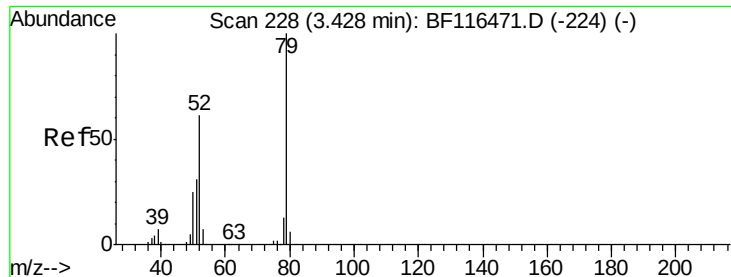


#2

1,4-Dioxane
 Concen: 33.481 ng
 RT: 2.64 min Scan# 94
 Delta R.T. -0.04 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

Tgt Ion: 88 Resp: 71348
 Ion Ratio Lower Upper
 88 100
 58 64.0 53.4 80.0
 43 27.6 21.2 31.8





#3

Pvrirdine

Concen: 32.961 ng

RT: 3.39 min Scan# 222

Delta R.T. -0.04 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

Instrument :

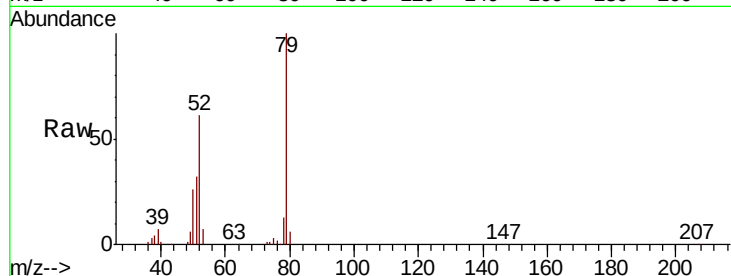
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 213907

Ion	Ratio	Lower	Upper
79	100		
52	61.1	48.8	73.2
51	32.2	25.2	37.8

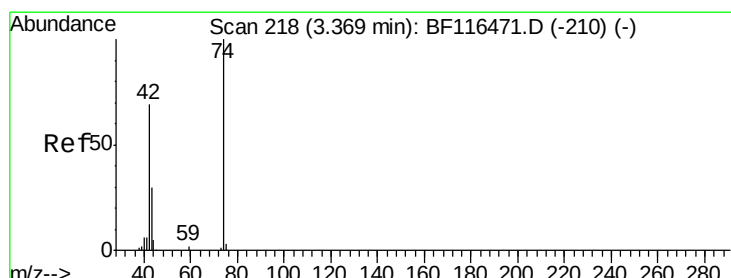
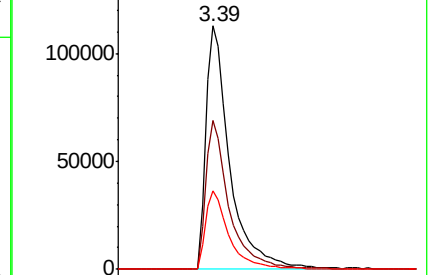
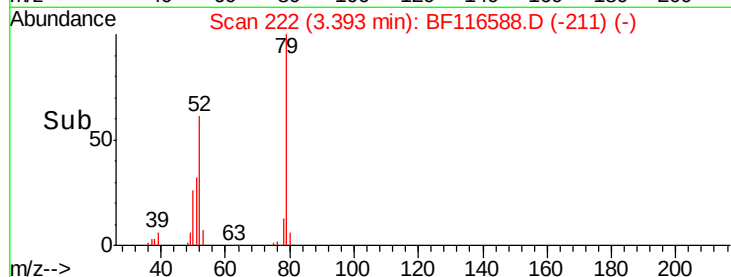


Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.474 ng

RT: 3.33 min Scan# 212

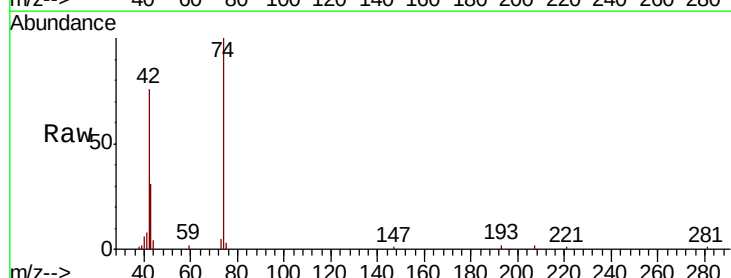
Delta R.T. -0.04 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

Tgt Ion: 42 Resp: 86409

Ion	Ratio	Lower	Upper
42	100		
74	130.9	115.3	172.9
44	5.7	5.8	8.8#

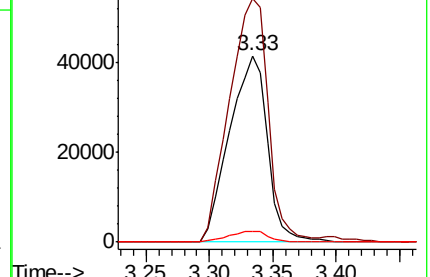
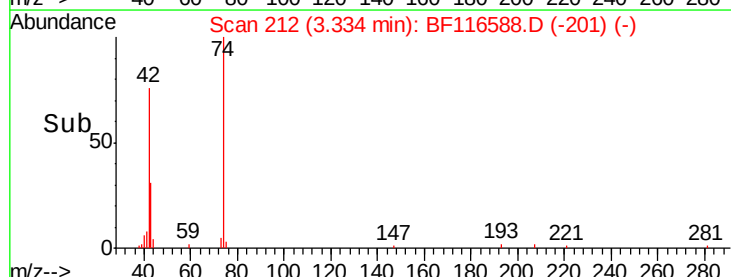


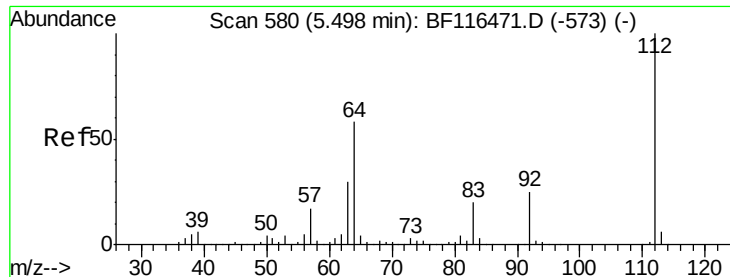
Abundance

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: 69.461 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

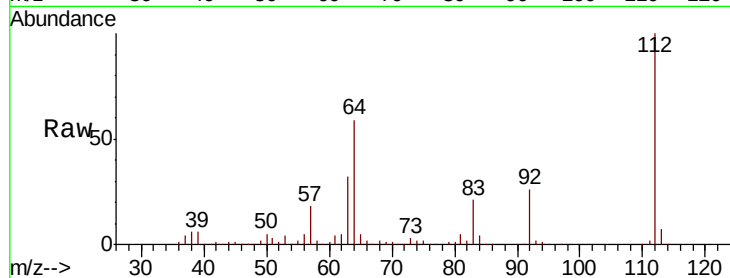
Tot Ion: 112 Resp: 341880

Ion Ratio Lower Upper

112 100

64 58.9 46.3 69.5

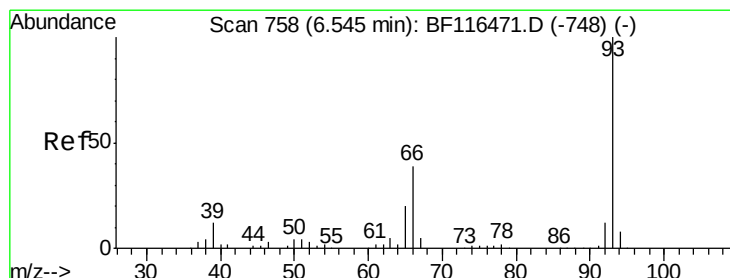
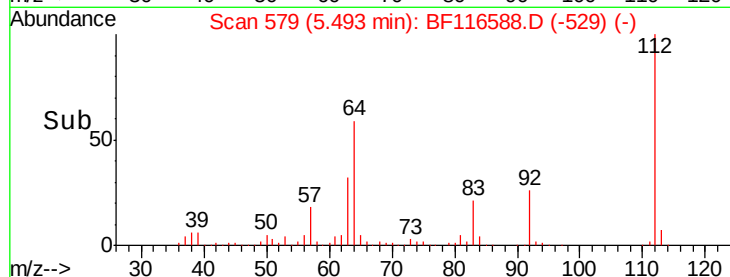
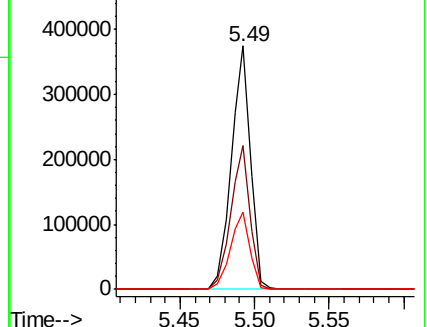
63 31.7 24.2 36.4



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: 36.216 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

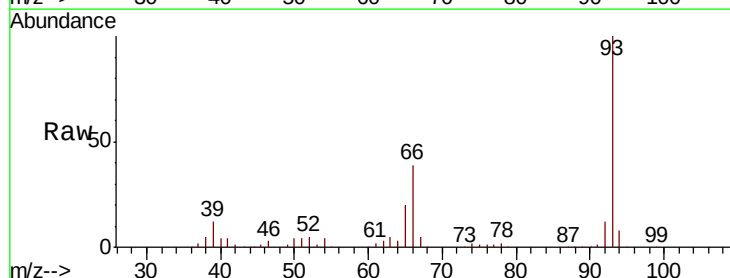
Tgt Ion: 93 Resp: 295896

Ion Ratio Lower Upper

93 100

66 39.2 32.2 48.2

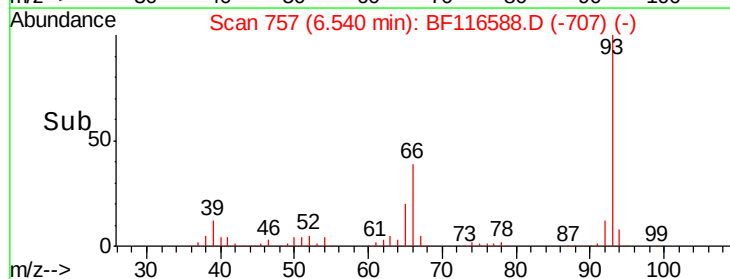
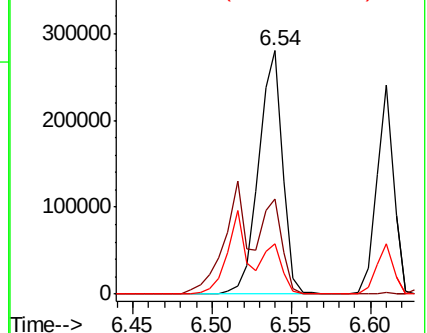
65 20.4 16.3 24.5

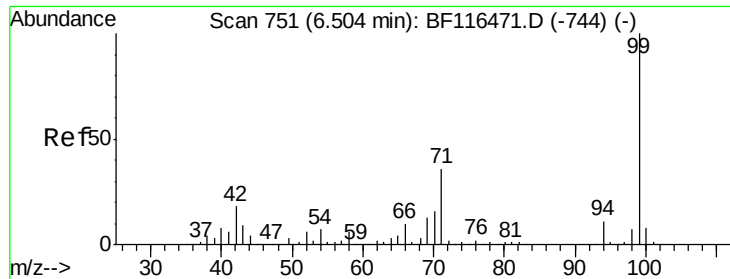


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.524 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

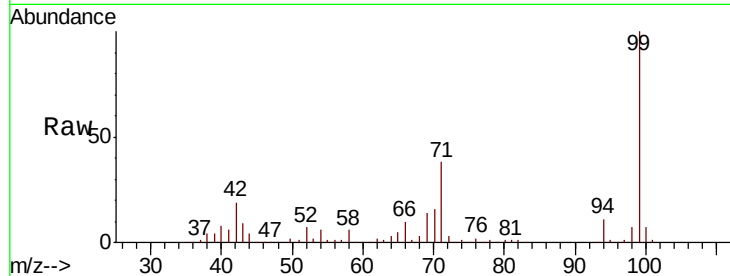
Tot Ion: 99 Resp: 443712

Ion Ratio Lower Upper

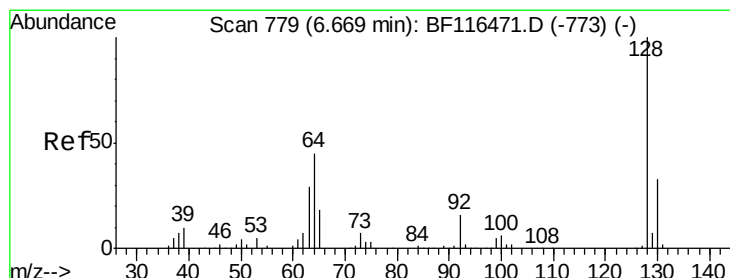
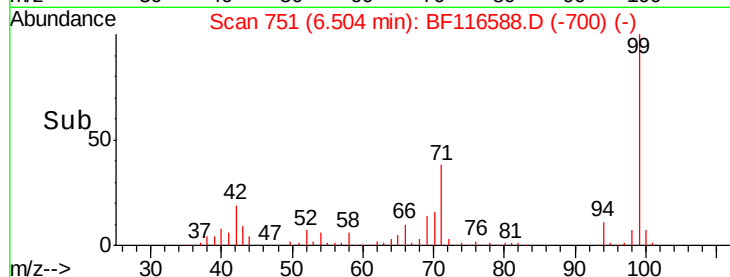
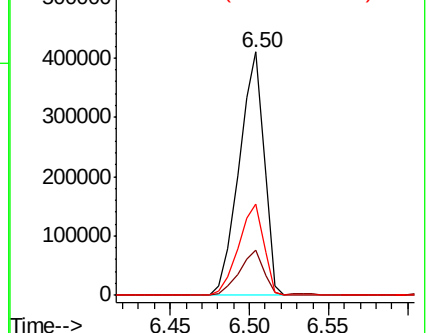
99 100

42 18.7 14.6 21.8

71 37.6 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: 36.231 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

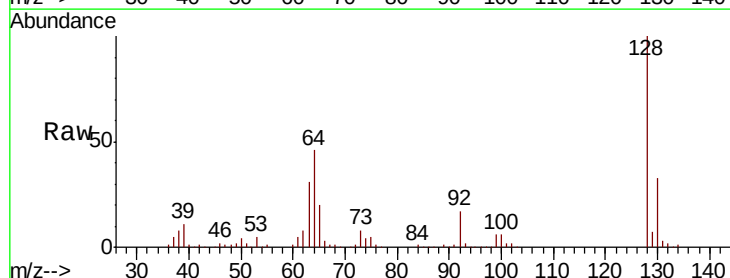
Tgt Ion: 128 Resp: 187131

Ion Ratio Lower Upper

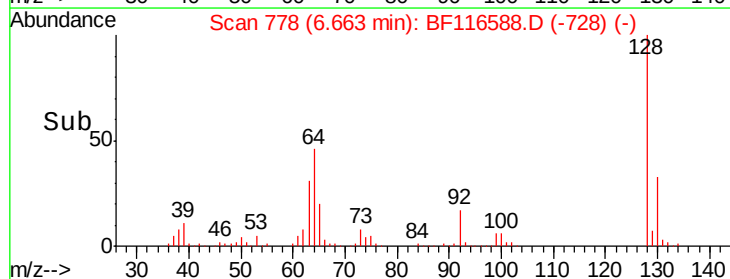
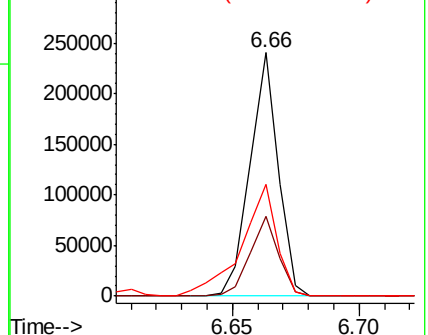
128 100

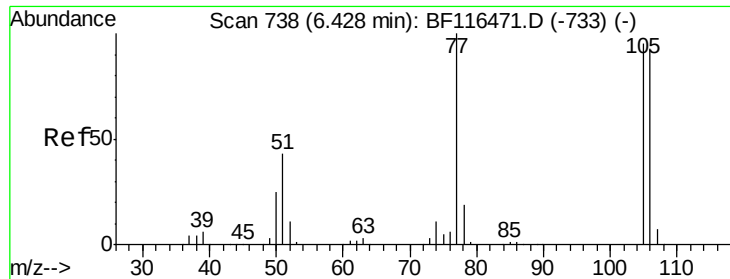
130 32.5 13.4 53.4

64 45.9 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: 34.747 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

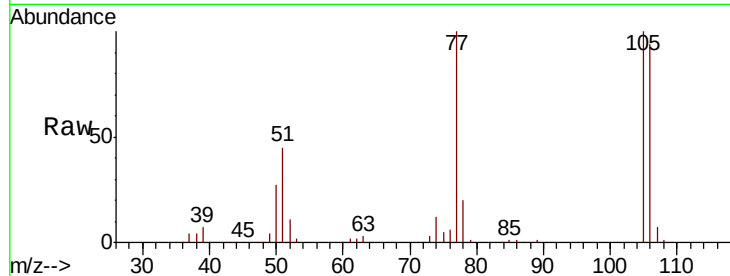
Tot Ion: 77 Resp: 140109

Ion Ratio Lower Upper

77 100

105 99.8 75.5 115.5

106 94.0 73.2 113.2

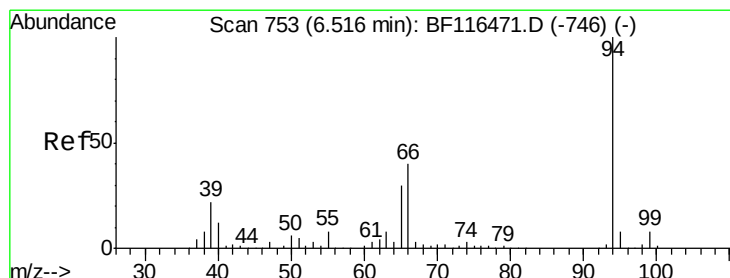
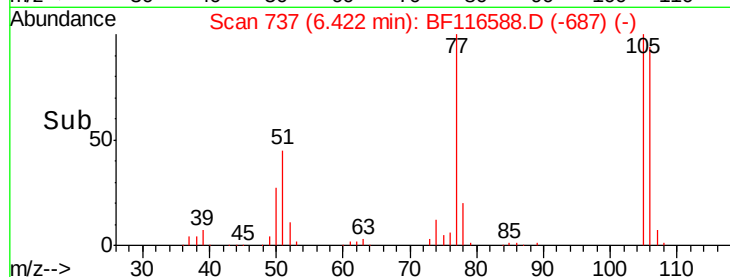
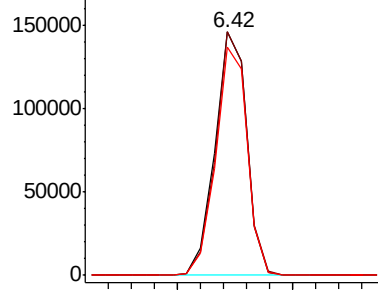


Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 37.784 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

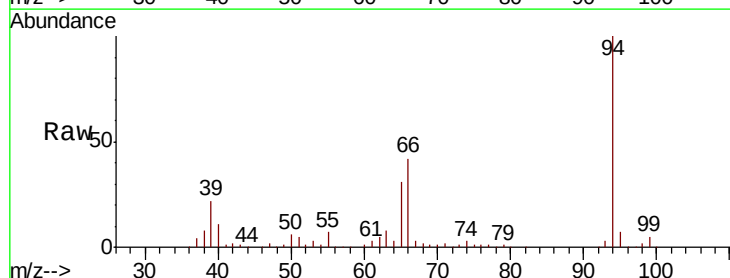
Tgt Ion: 94 Resp: 247618

Ion Ratio Lower Upper

94 100

65 30.6 10.0 50.0

66 41.5 19.8 59.8

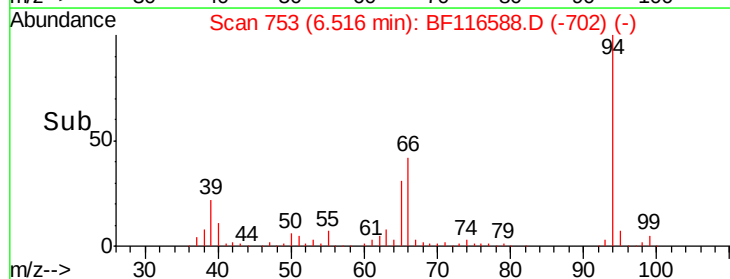
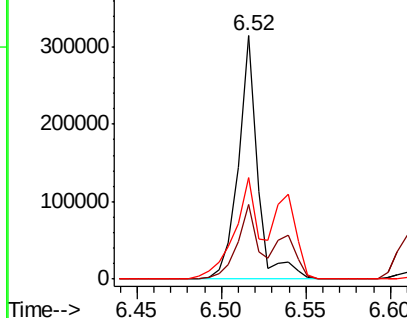


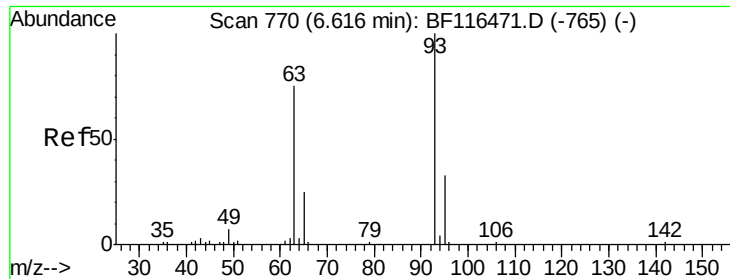
Abundance

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

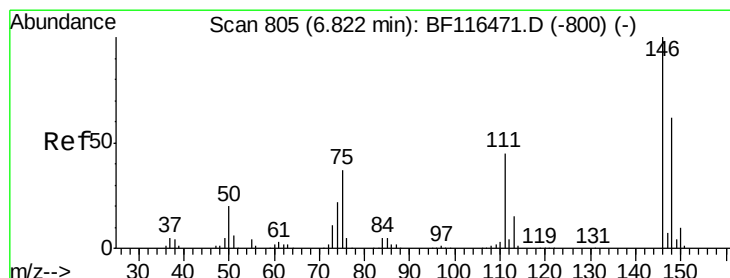
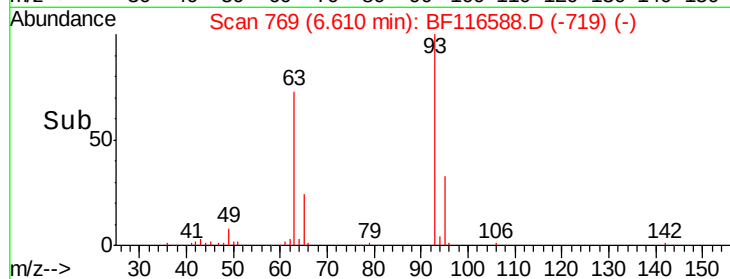
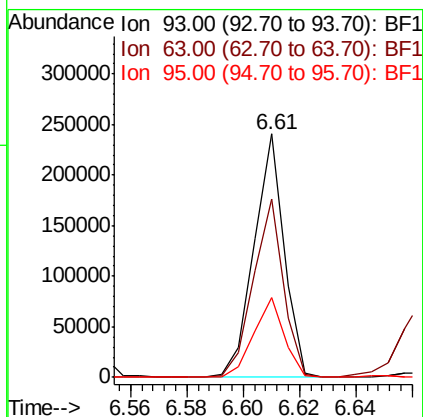
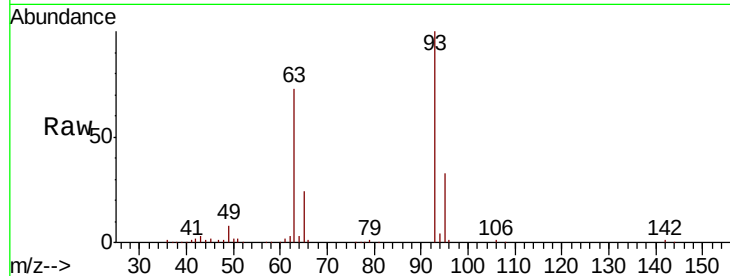




#11
bis(2-Chloroethyl)ether
Concen: 35.719 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

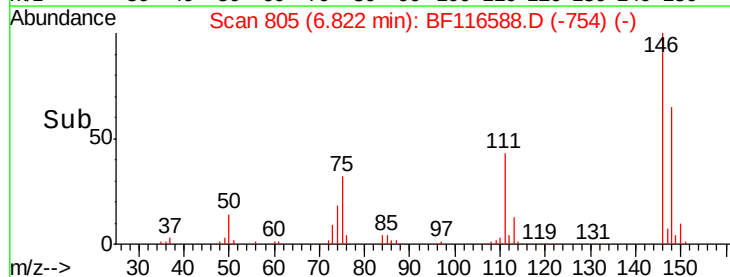
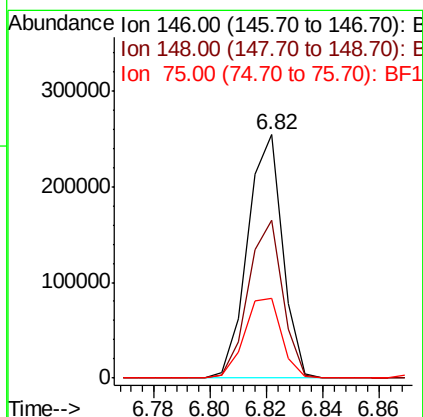
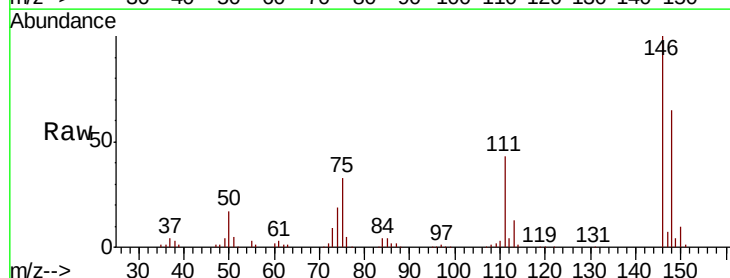
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

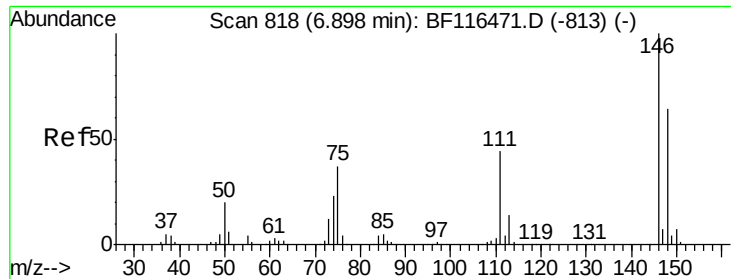
Tot Ion: 93 Resp: 178231
Ion Ratio Lower Upper
93 100
63 73.3 54.3 94.3
95 33.0 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 39.027 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

Tgt Ion: 146 Resp: 218178
Ion Ratio Lower Upper
146 100
148 64.9 49.8 74.8
75 32.7 29.3 43.9

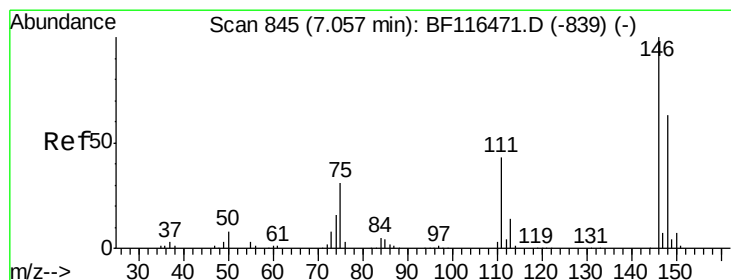
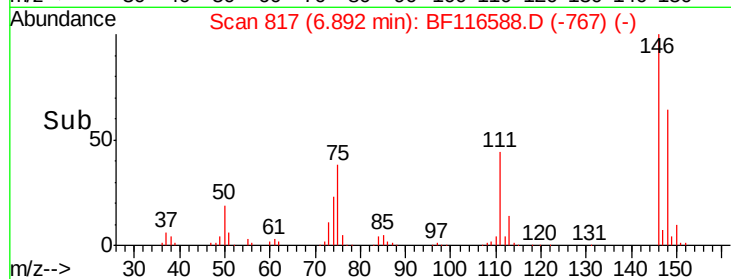
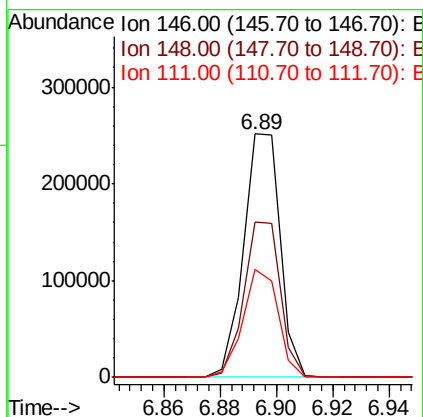
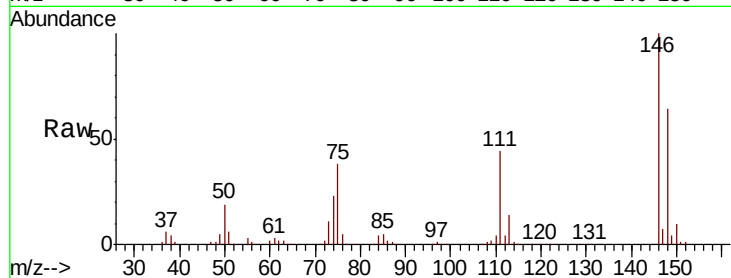




#13
 1,4-Dichlorobenzene
 Concen: 42.002 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

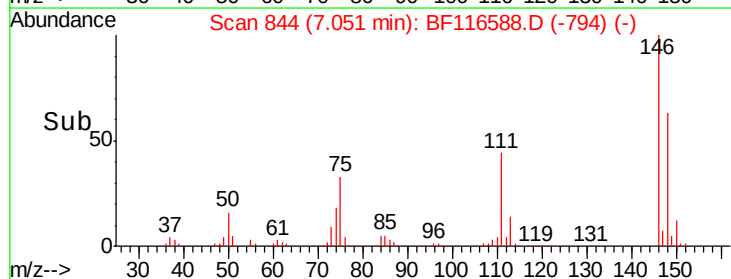
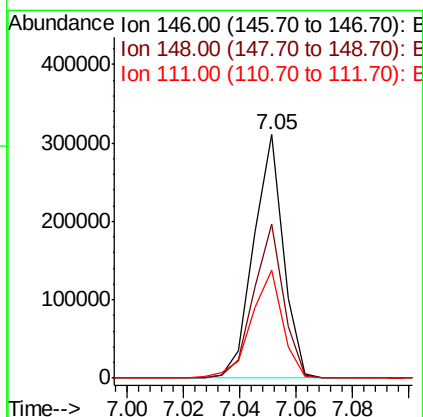
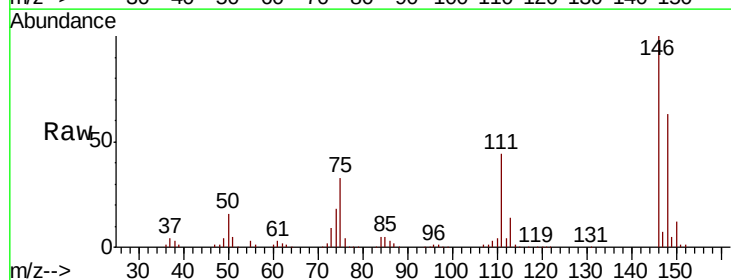
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

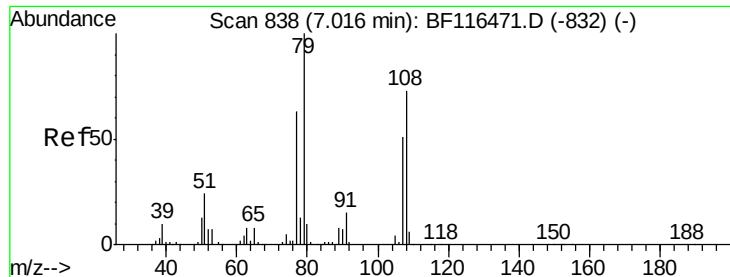
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.4
111	44.3	35.4	53.2



#14
 1,2-Dichlorobenzene
 Concen: 44.785 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	44.4	34.5	51.7





#15

Benzyl Alcohol

Concen: 39.024 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

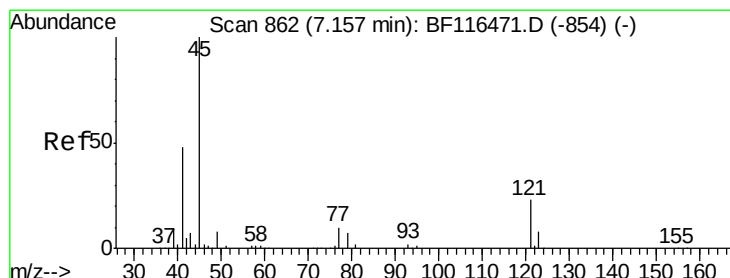
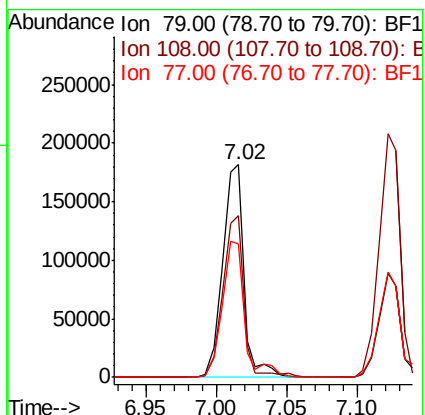
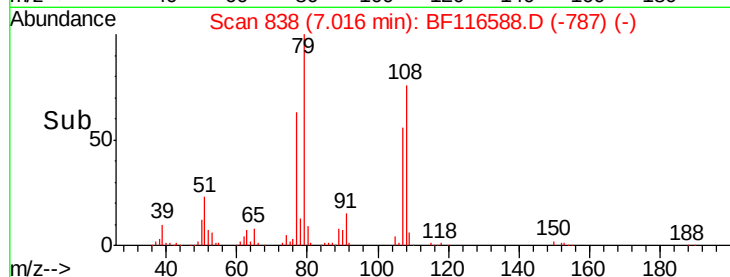
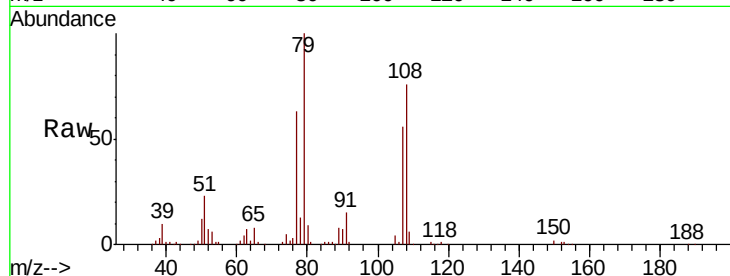
Tot Ion: 79 Resp: 190590

Ion Ratio Lower Upper

79 100

108 76.2 58.1 87.1

77 62.8 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.113 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

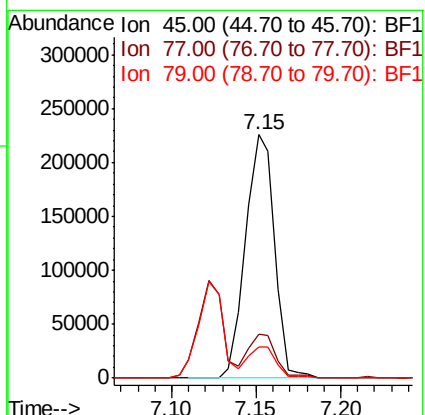
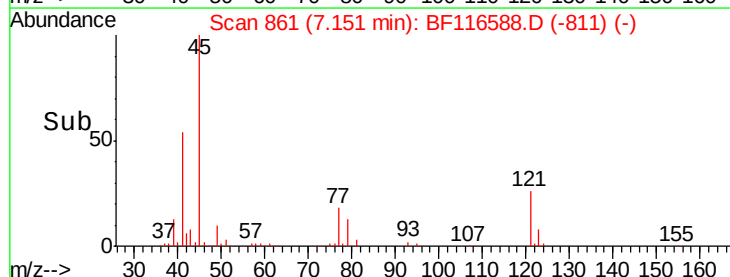
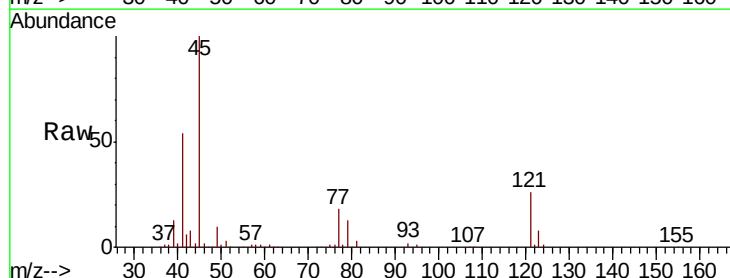
Tgt Ion: 45 Resp: 269852

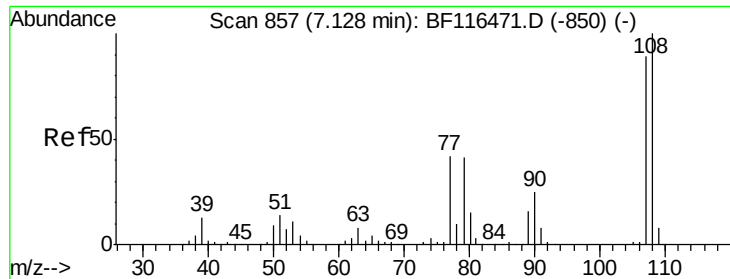
Ion Ratio Lower Upper

45 100

77 18.2 0.0 36.1

79 12.6 0.0 32.3

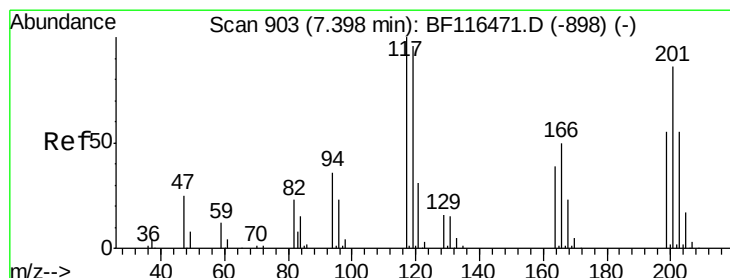
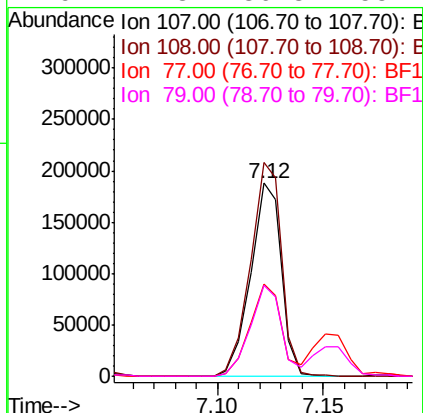
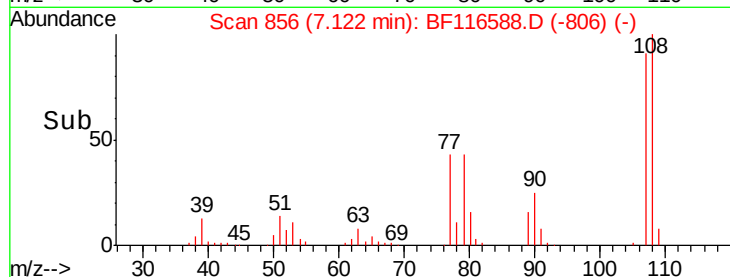
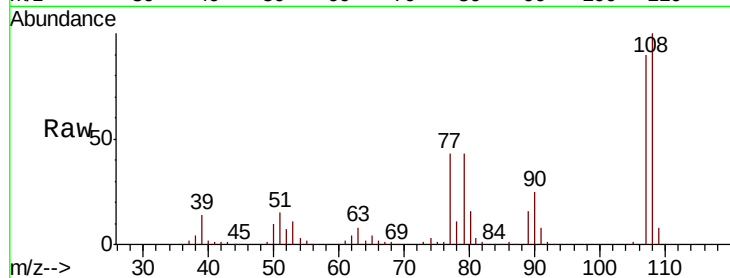




#17
2-Methylphenol
Concen: 44.661 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

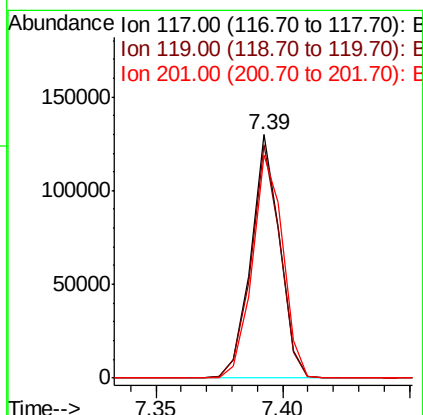
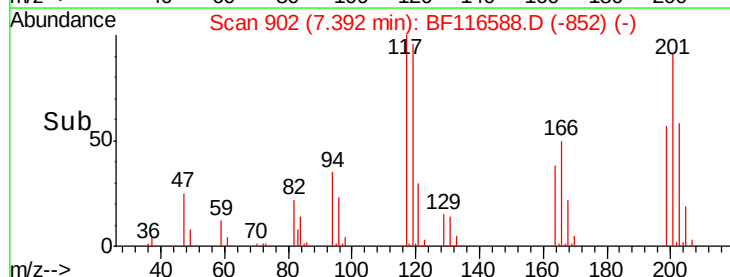
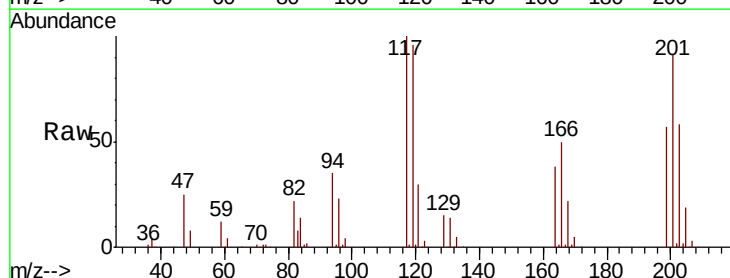
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

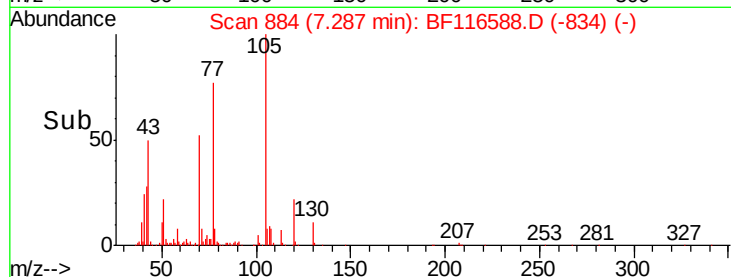
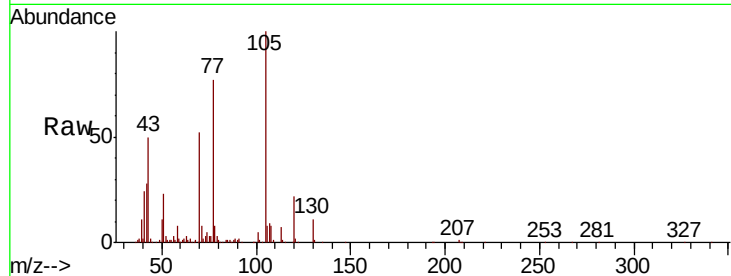
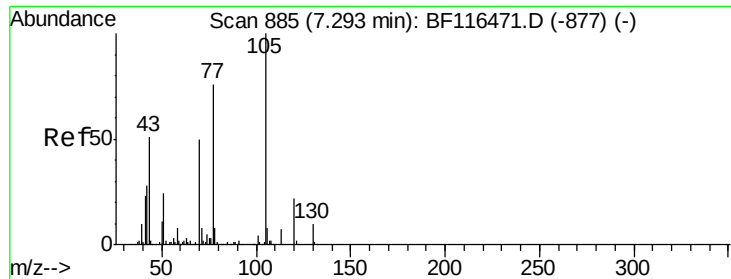
Tot Ion:	107	Resp:	191123
Ion	Ratio	Lower	Upper
107	100		
108	110.6	90.0	135.0
77	47.9	37.6	56.4
79	47.3	36.8	55.2



#18
Hexachloroethane
Concen: 48.856 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

Tgt Ion:	117	Resp:	102520
Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.0	115.6
201	91.4	69.1	103.7

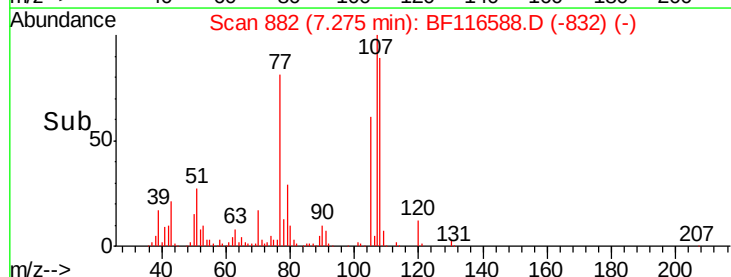
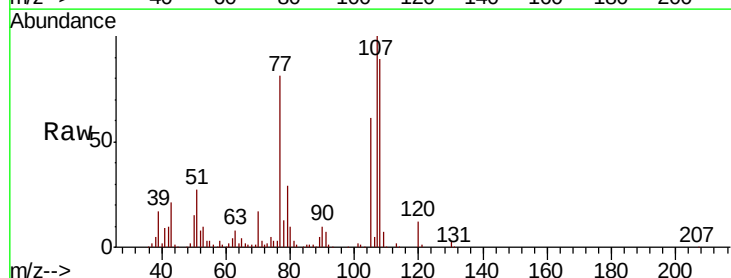
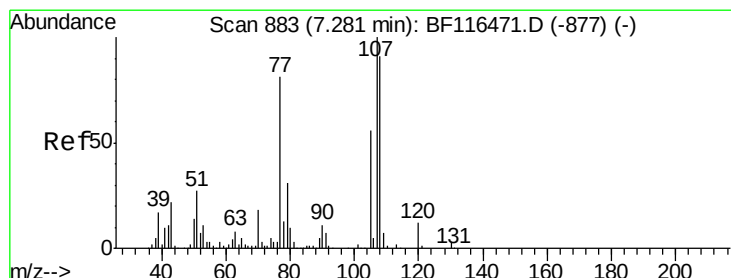
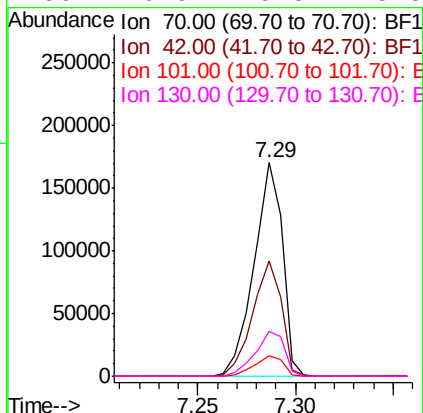




#19
n-Nitroso-di-n-propylamine
Concen: 41.886 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

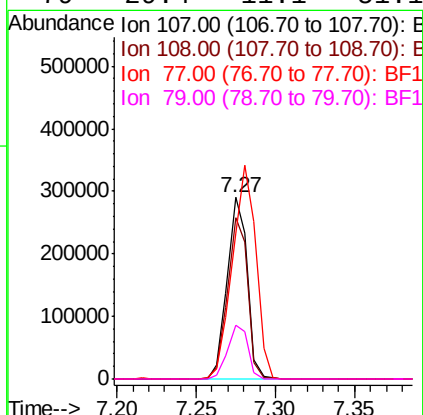
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

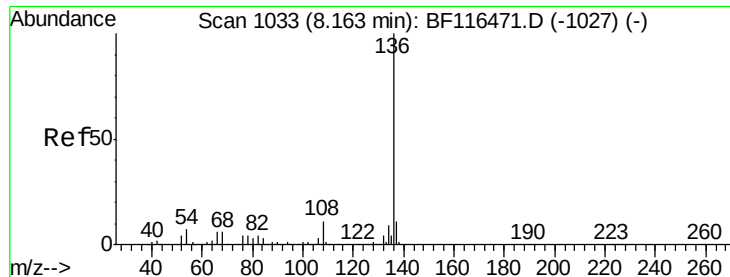
Tot Ion:	70	Resp:	172489
Ion	Ratio	Lower	Upper
70	100		
42	53.8	44.4	66.6
101	9.7	7.1	10.7
130	20.9	15.8	23.8



#20
3+4-Methylphenols
Concen: 48.850 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

Tgt Ion:	107	Resp:	256087
Ion	Ratio	Lower	Upper
107	100		
108	88.8	70.7	110.7
77	80.6	60.6	100.6
79	29.4	11.1	51.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 382972

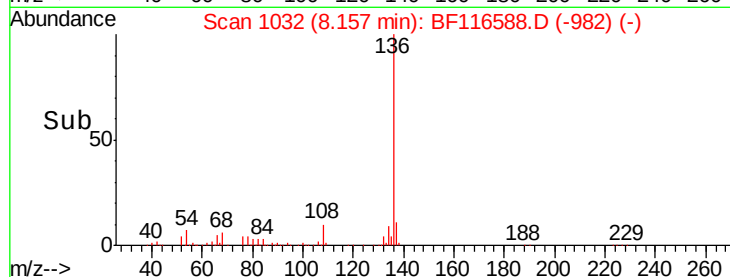
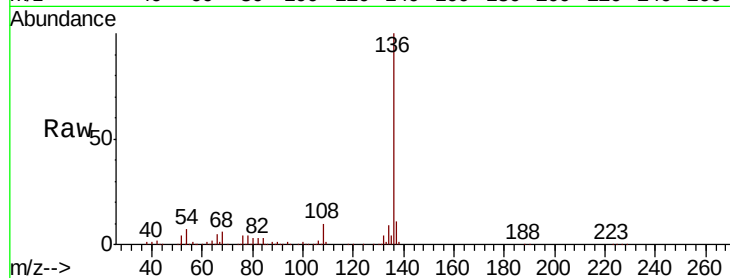
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.8 5.8 8.6

68 6.2 5.1 7.7



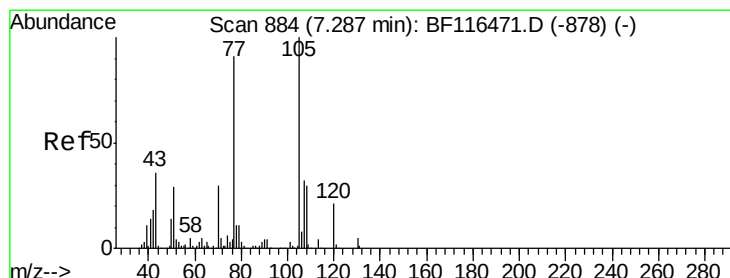
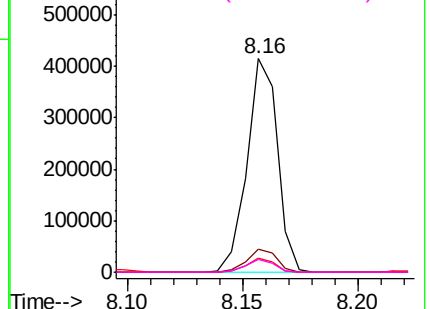
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.202 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

Tgt Ion:105 Resp: 346685

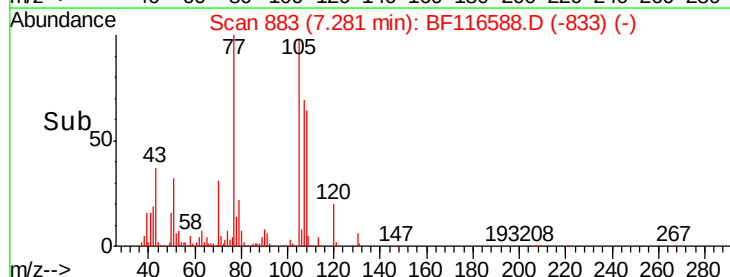
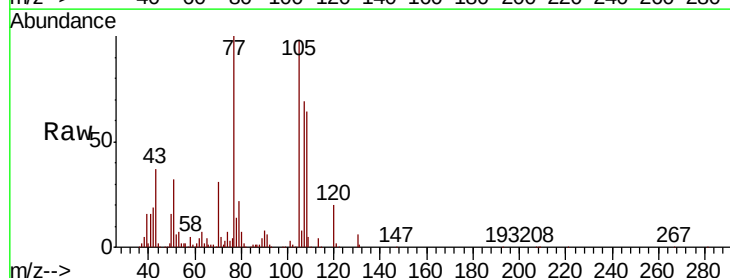
Ion Ratio Lower Upper

105 100

71 5.4 4.2 6.2

51 33.2 23.0 34.4

120 20.9 16.5 24.7



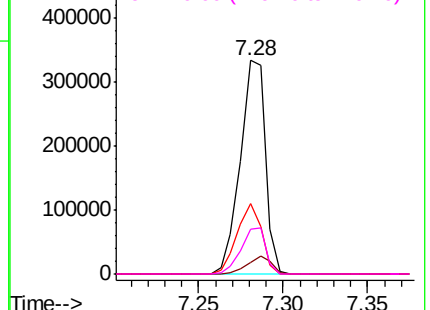
Abundance

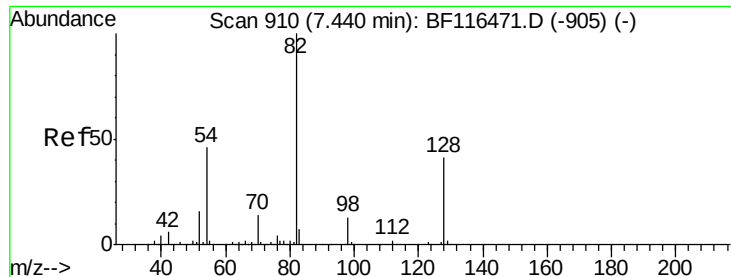
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

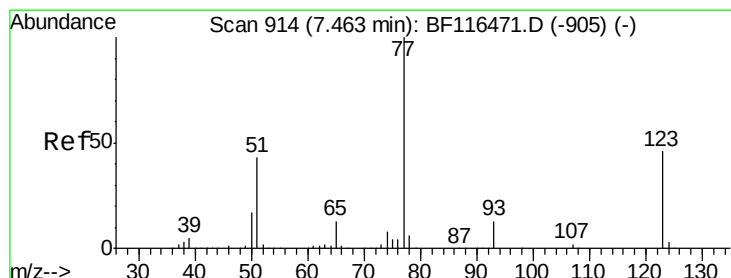
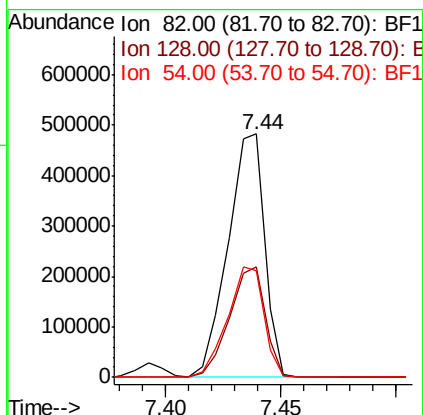
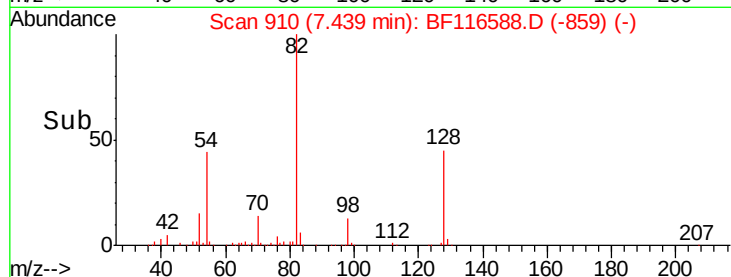
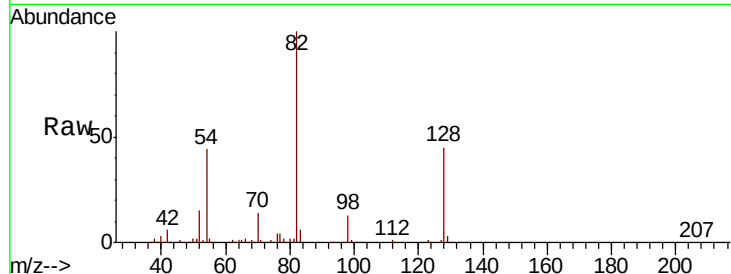




#23
 Nitrobenzene-d5
 Concen: 76.523 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

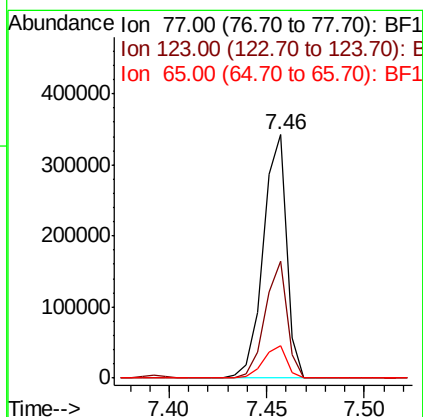
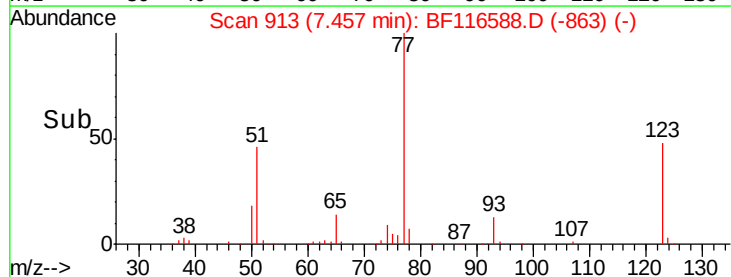
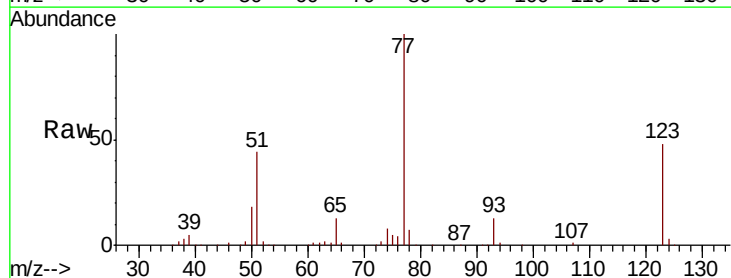
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

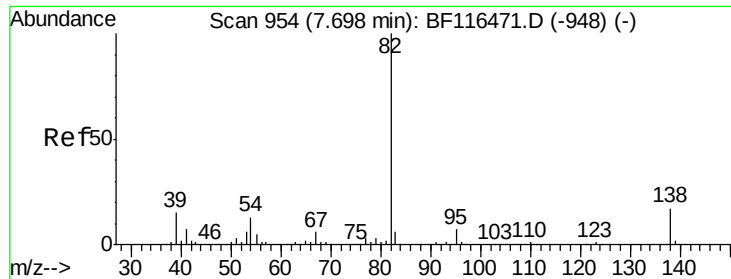
Tot Ion	82	Resp	535662
Ion Ratio	Lower	Upper	
82	100		
128	45.5	32.2	48.4
54	43.7	36.5	54.7



#24
 Nitrobenzene
 Concen: 39.176 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

Tgt Ion	77	Resp	283996
Ion Ratio	Lower	Upper	
77	100		
123	47.9	37.0	55.4
65	13.2	10.5	15.7





#25

Isophorone

Concen: 37.377 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

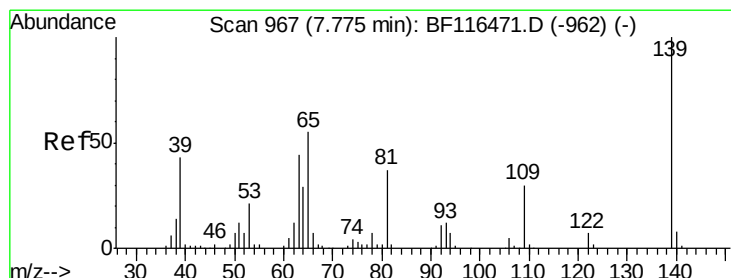
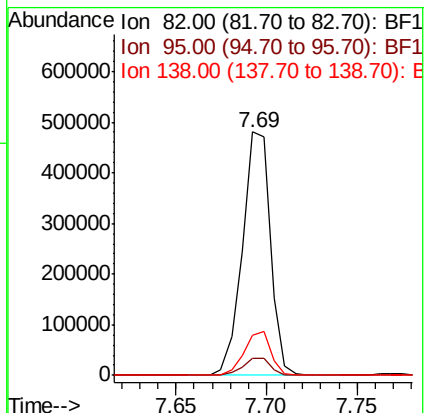
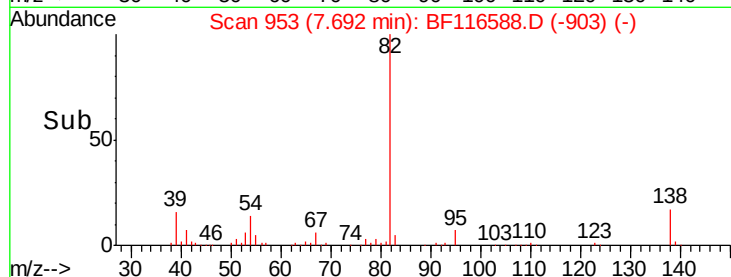
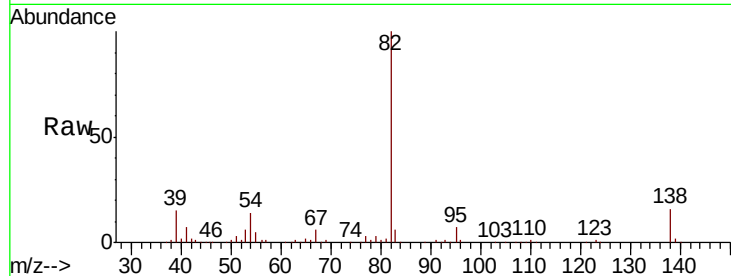
Tot Ion: 82 Resp: 515612

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 16.4 13.3 19.9



#26

2-Nitrophenol

Concen: 51.313 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

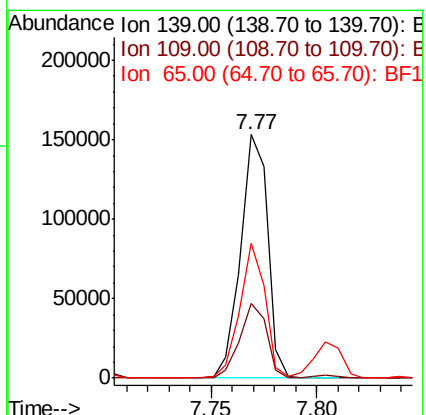
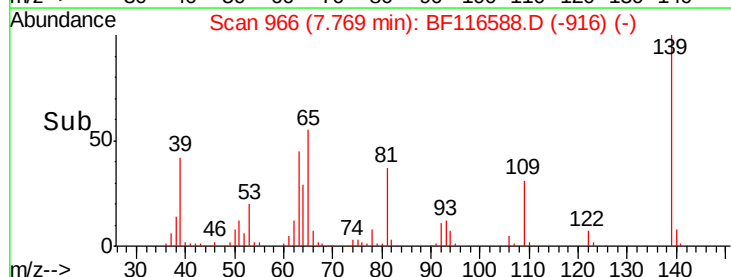
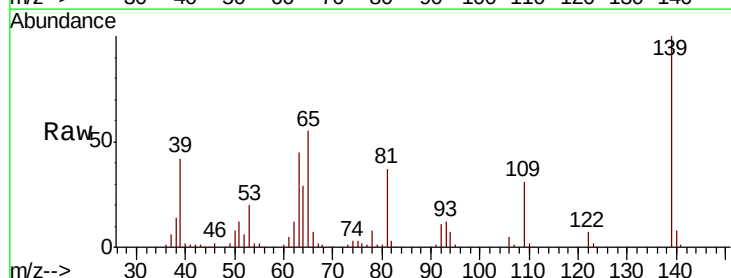
Tgt Ion: 139 Resp: 135875

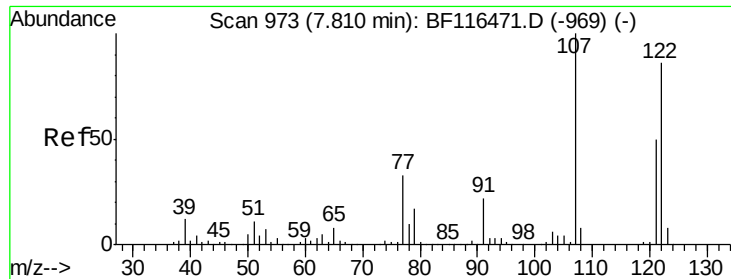
Ion Ratio Lower Upper

139 100

109 30.6 24.3 36.5

65 55.2 44.0 66.0

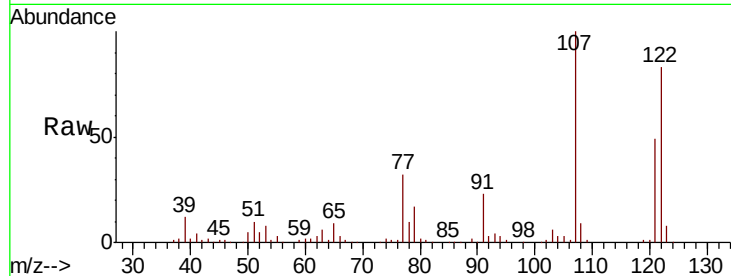




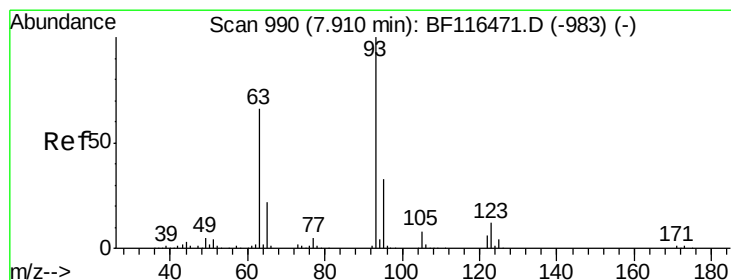
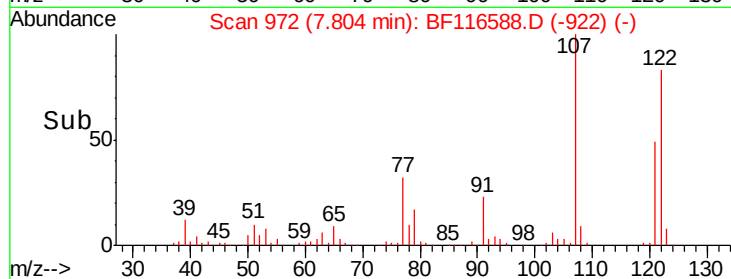
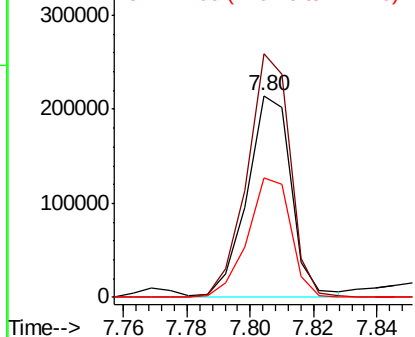
#27
 2,4-Dimethylphenol
 Concen: 37.745 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 208541
 Ion Ratio Lower Upper
 122 100
 107 120.8 92.4 138.6
 121 59.2 46.2 69.4

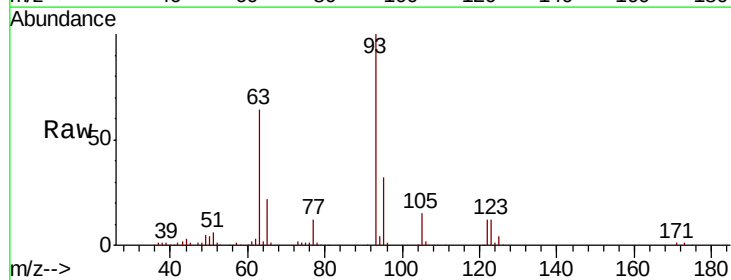


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

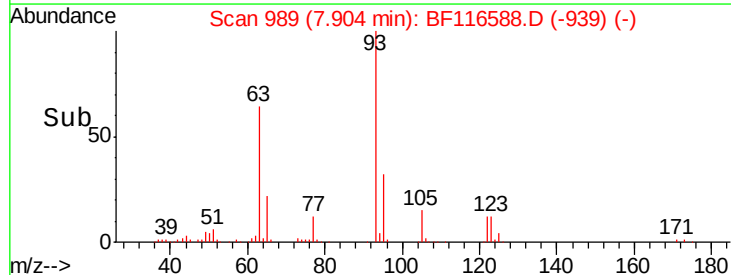
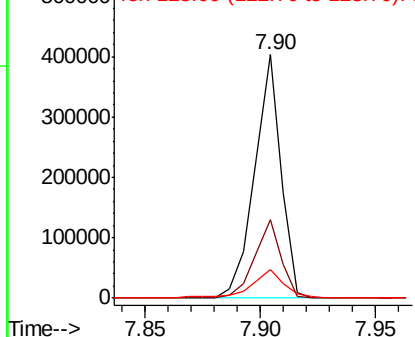


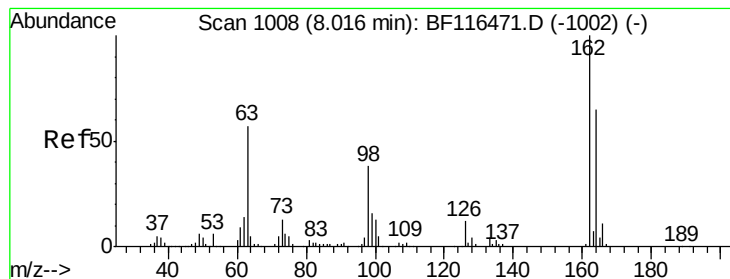
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.816 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

Tgt Ion: 93 Resp: 322154
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 11.9 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: 41.806 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

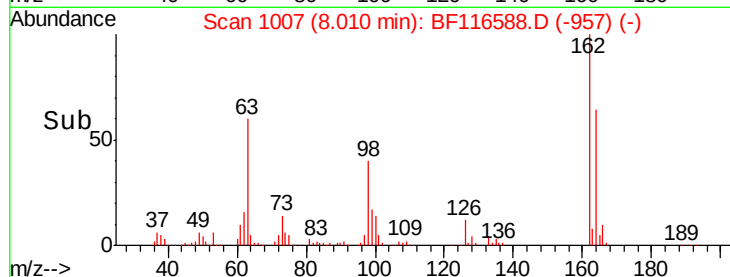
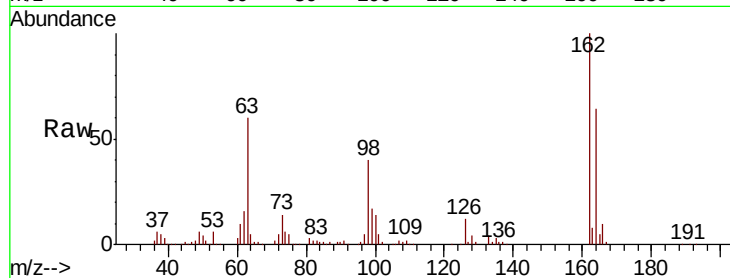
Tot Ion:162 Resp: 219664

Ion Ratio Lower Upper

162 100

164 64.0 44.9 84.9

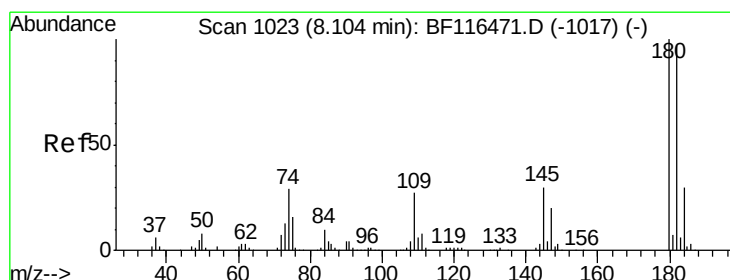
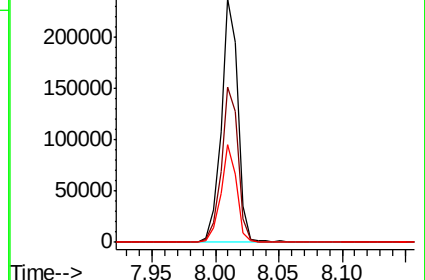
98 40.3 17.9 57.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 42.997 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

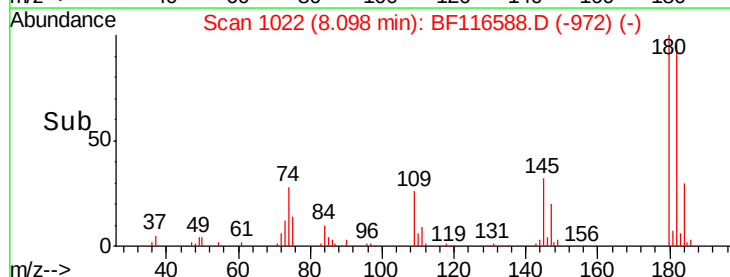
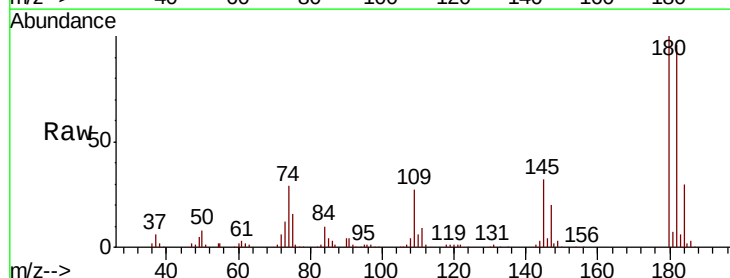
Tgt Ion:180 Resp: 254334

Ion Ratio Lower Upper

180 100

182 95.6 77.4 116.0

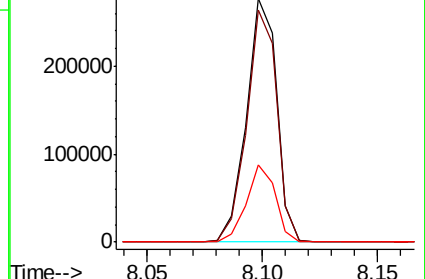
145 31.7 24.3 36.5

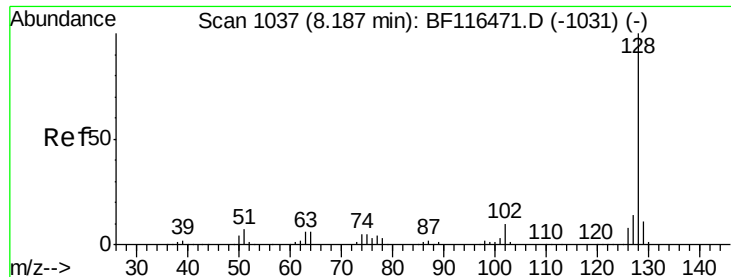


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

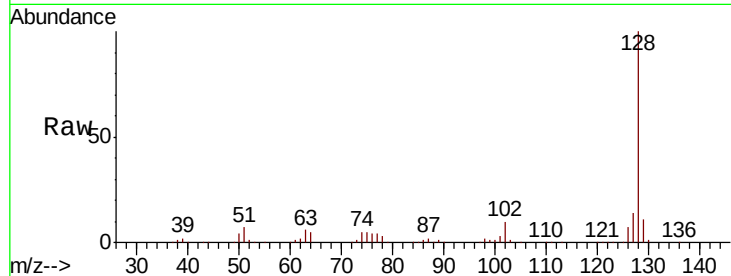




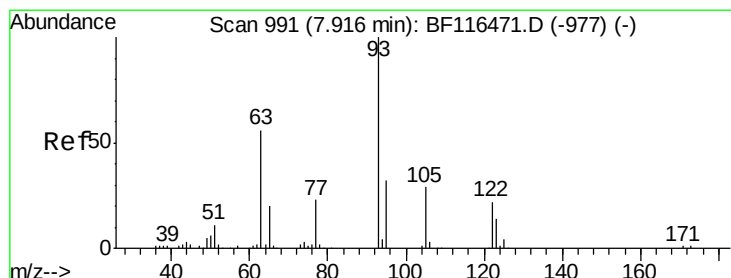
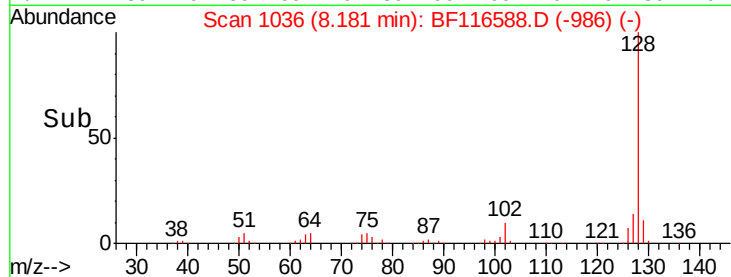
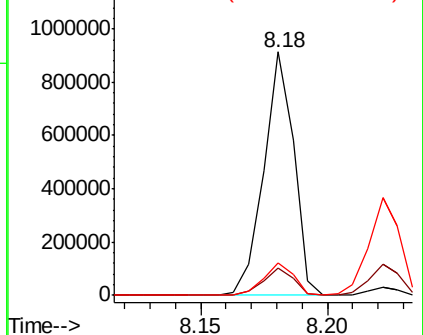
#31
Naphthalene
Concen: 41.026 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 760065
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.6 10.9 16.3

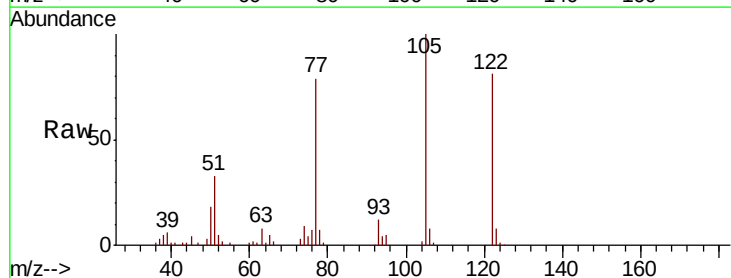


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

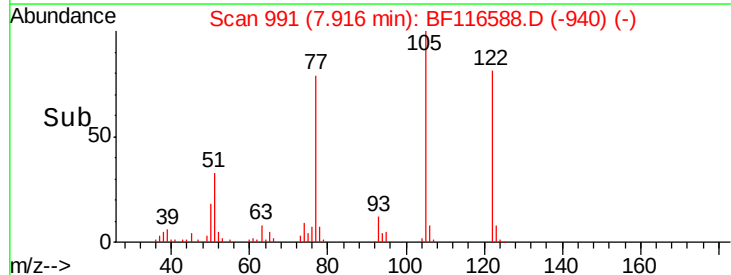
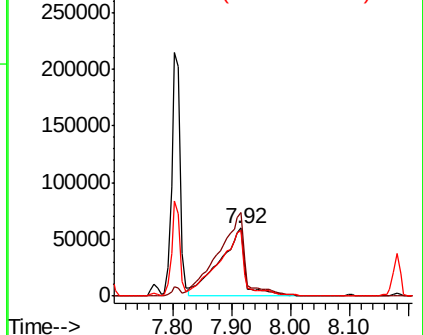


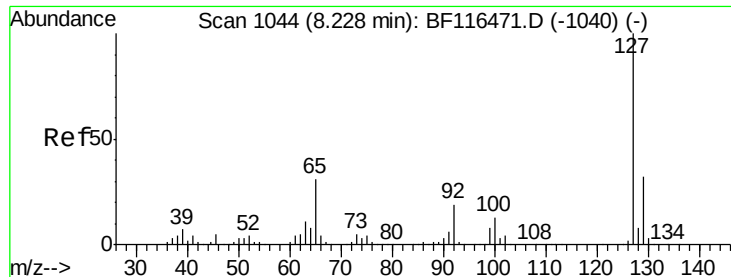
#32
Benzoic acid
Concen: 53.151 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

Tgt Ion:122 Resp: 187737
Ion Ratio Lower Upper
122 100
105 123.5 109.9 149.9
77 97.4 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

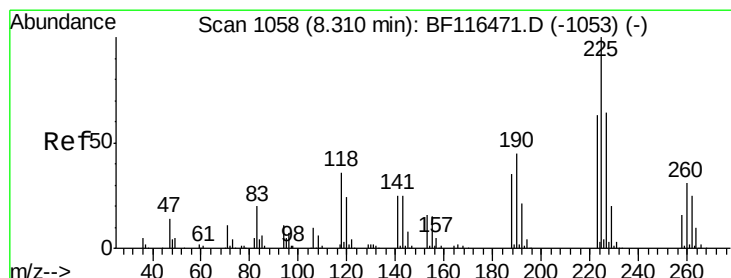
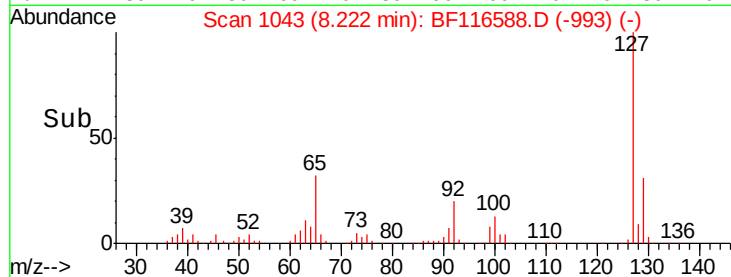
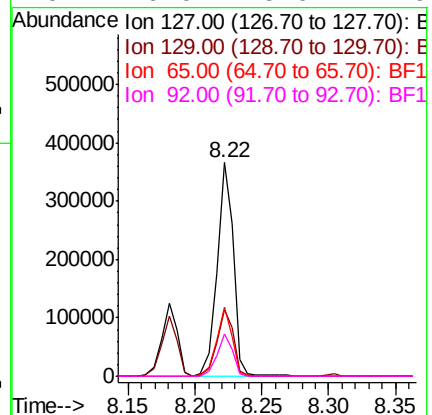
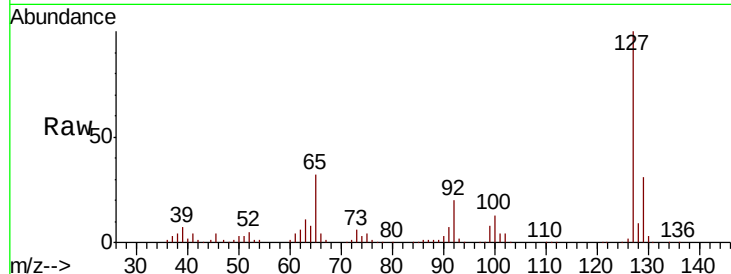




#33
4-Chloroaniline
Concen: 38.870 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

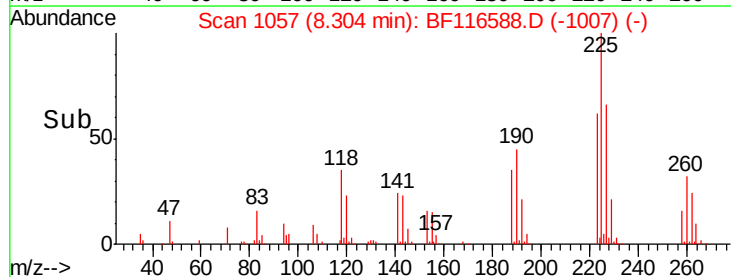
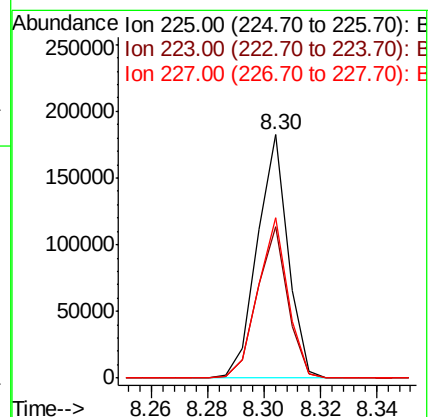
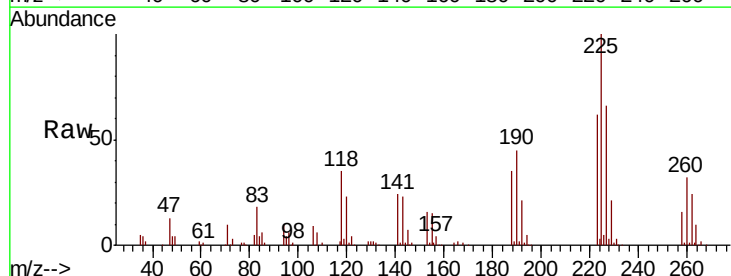
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

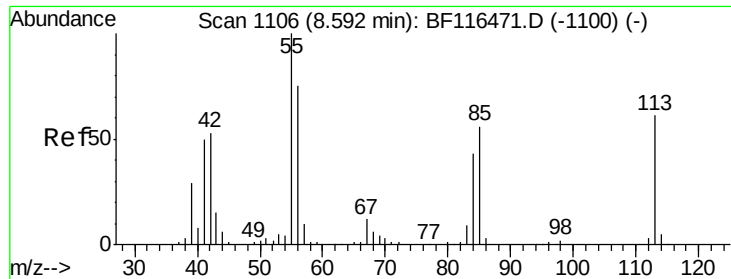
Tot Ion:	127	Resp:	316129
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.7	38.5
65	32.2	25.0	37.6
92	20.0	15.0	22.6



#34
Hexachlorobutadiene
Concen: 42.432 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

Tgt Ion:	225	Resp:	136883
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.3	75.5
227	65.7	51.0	76.4

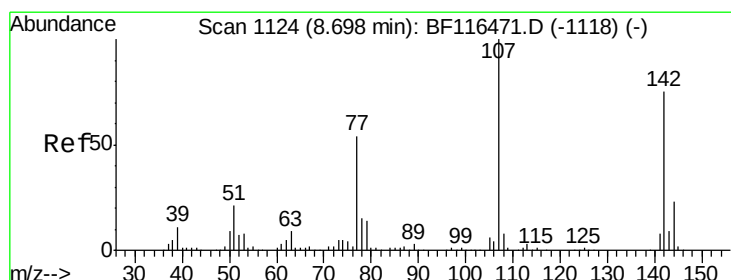
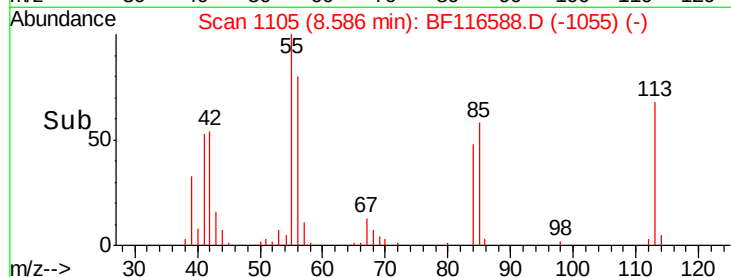
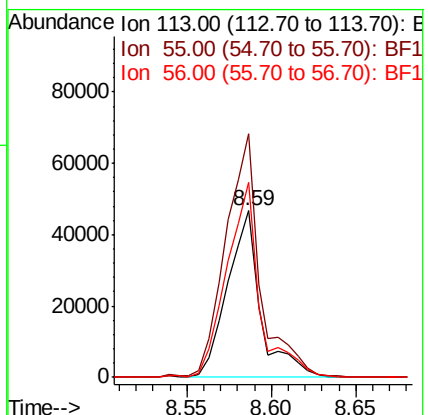
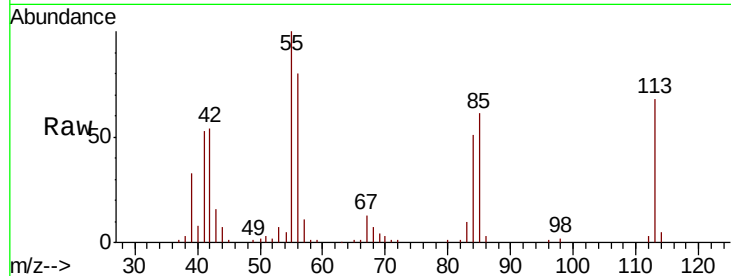




#35
Caprolactam
Concen: 34.617 ng
RT: 8.59 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

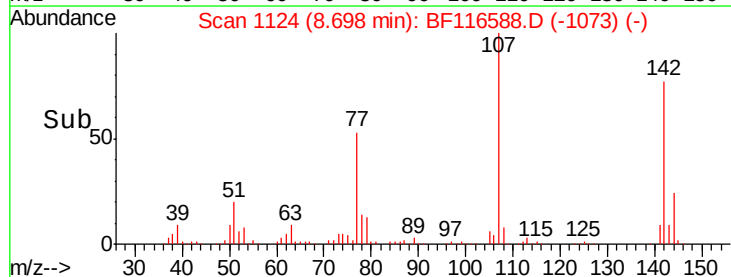
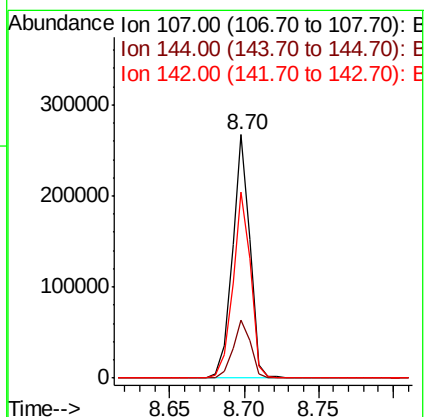
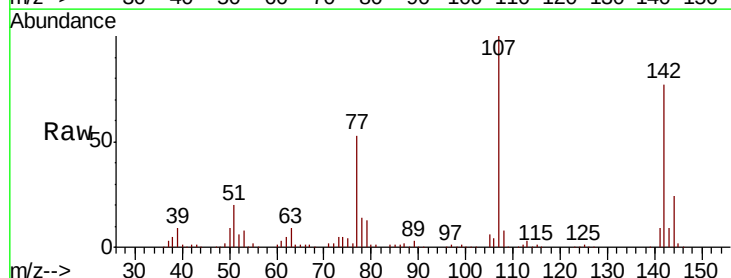
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

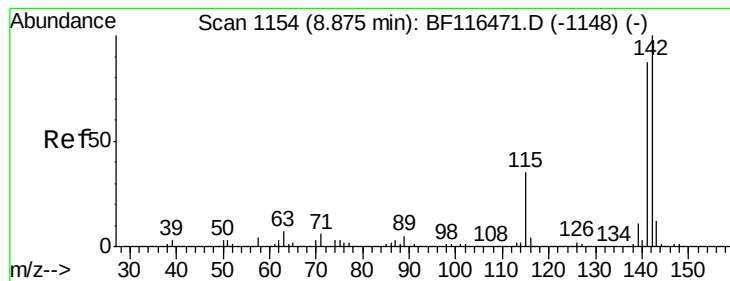
Tot Ion:113 Resp: 63357
Ion Ratio Lower Upper
113 100
55 146.5 143.6 183.6
56 117.1 102.3 142.3



#36
4-Chloro-3-methylphenol
Concen: 37.382 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

Tgt Ion:107 Resp: 221622
Ion Ratio Lower Upper
107 100
144 23.9 18.8 28.2
142 76.7 59.8 89.6

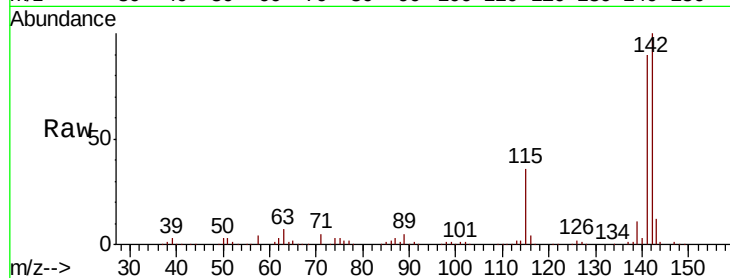




#37
 2-Methylnaphthalene
 Concen: 33.917 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	69.8	104.6
115	36.4	27.7	41.5

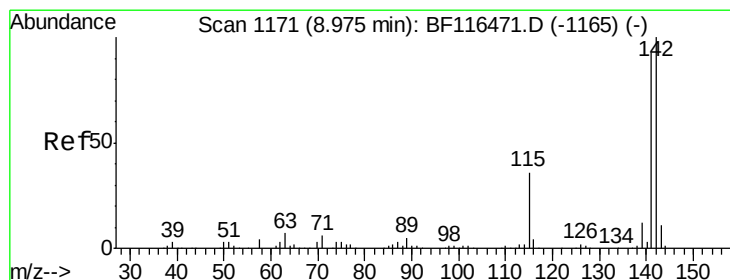
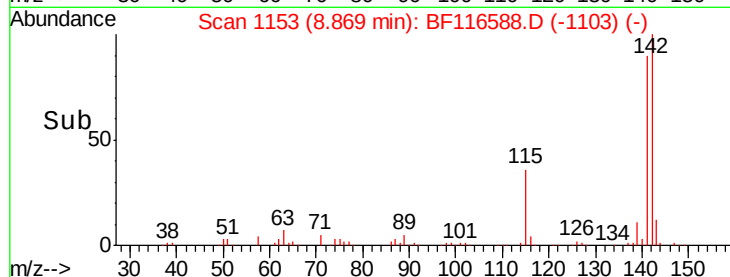
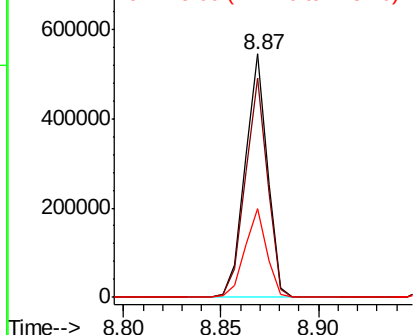


Abundance

Ion 142.00 (141.70 to 142.70): E

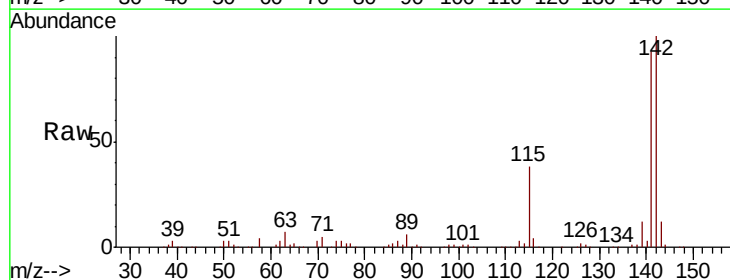
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 33.605 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.2	111.2
116	4.0	2.9	4.3

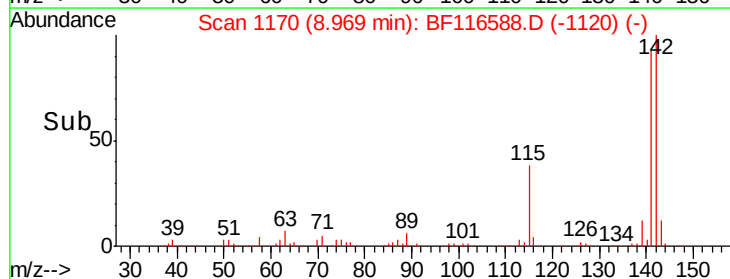
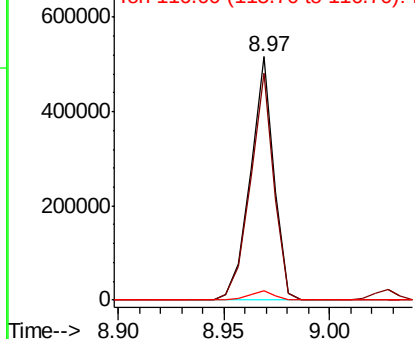


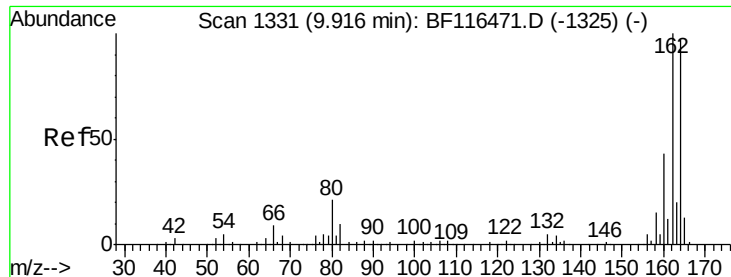
Abundance

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

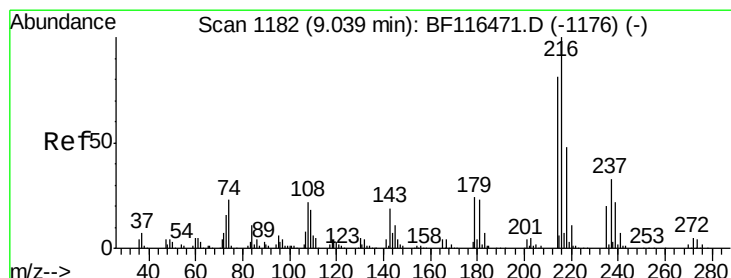
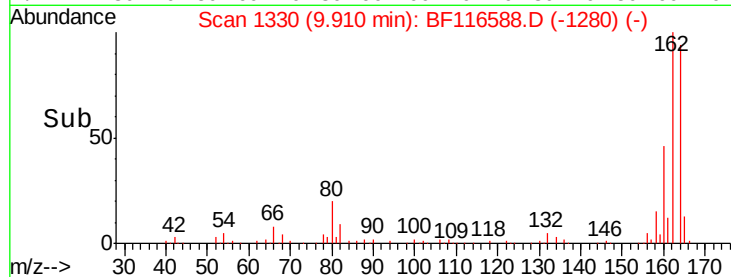
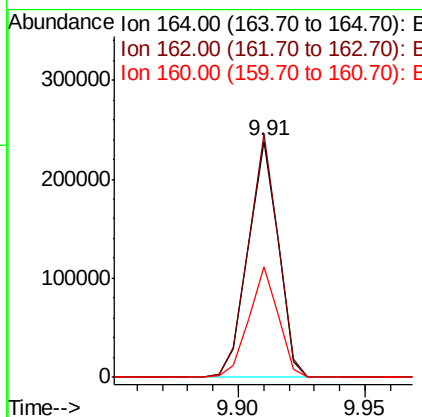
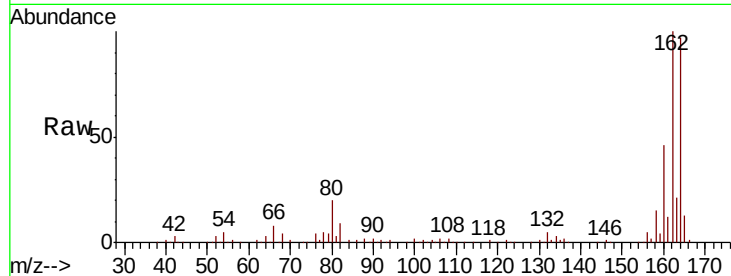




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

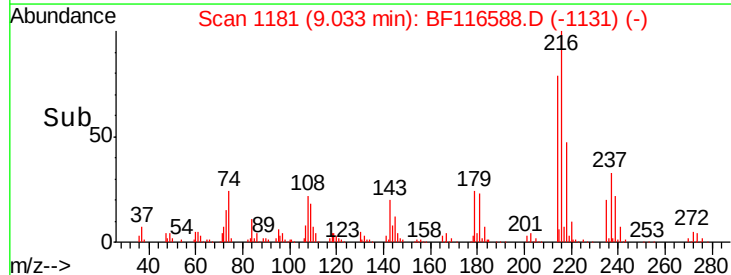
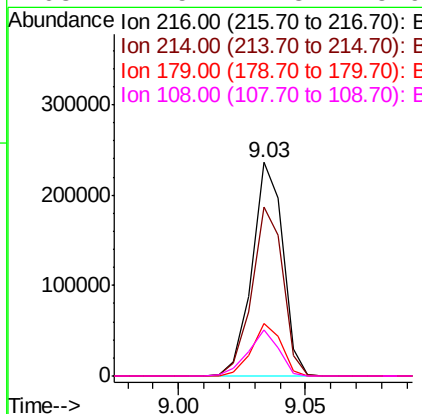
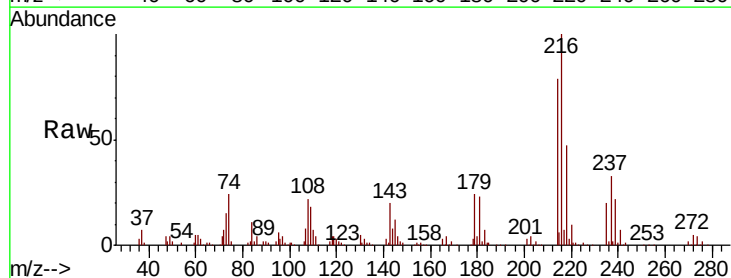
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

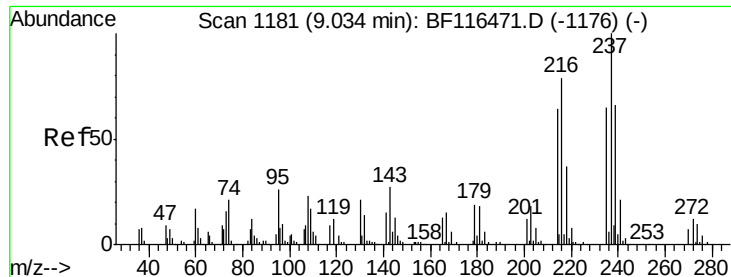
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	47.0	35.8	53.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.519 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.8	95.8
179	23.7	18.5	27.7
108	21.5	17.3	25.9





#41

Hexachlorocyclopentadiene

Concen: 43.117 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

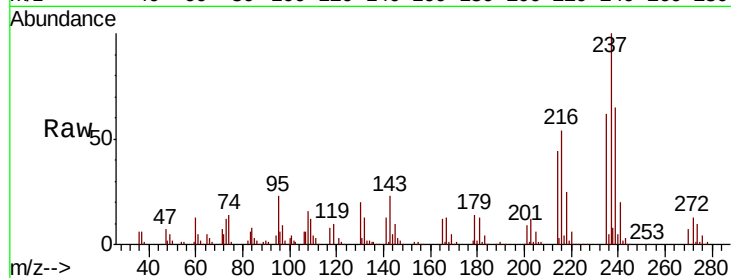
Tot Ion:237 Resp: 123811

Ion Ratio Lower Upper

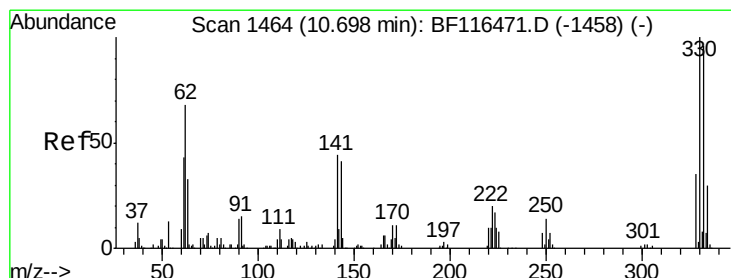
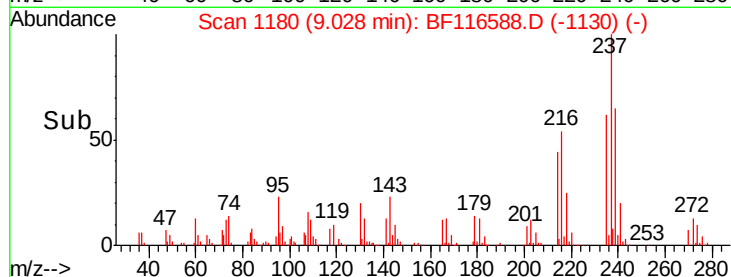
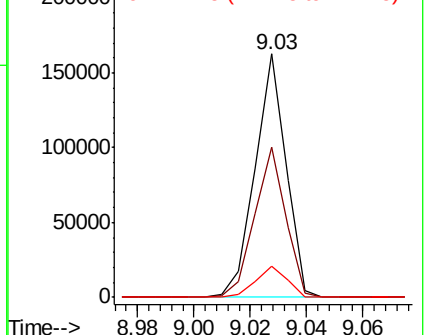
237 100

235 61.6 44.8 84.8

272 12.8 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: 90.738 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

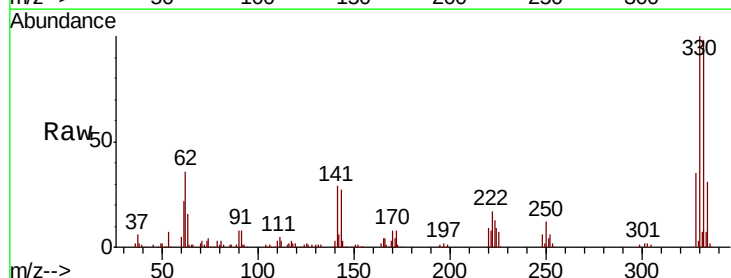
Tgt Ion:330 Resp: 154559

Ion Ratio Lower Upper

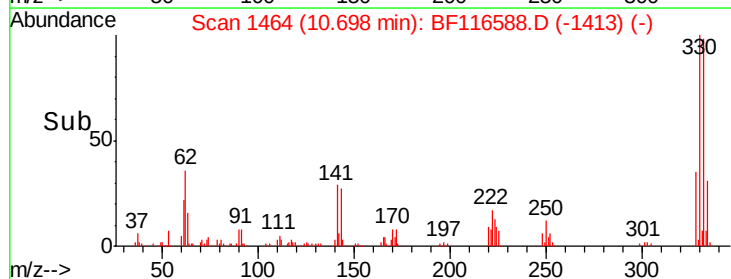
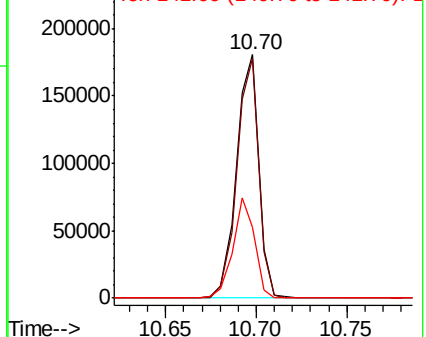
330 100

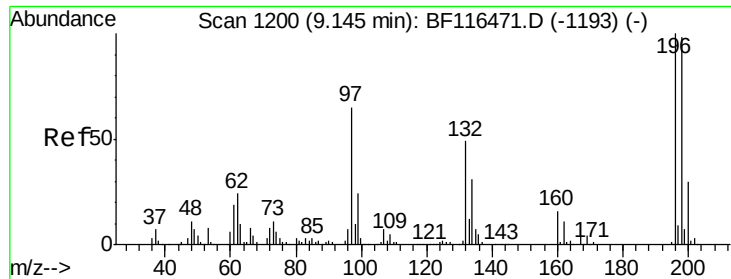
332 96.5 77.2 115.8

141 39.8 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

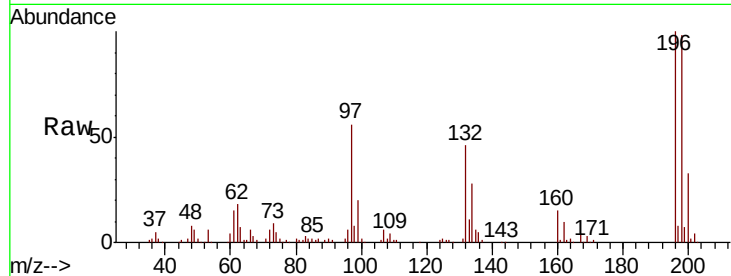




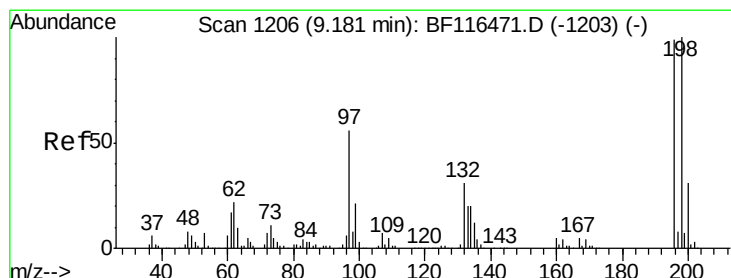
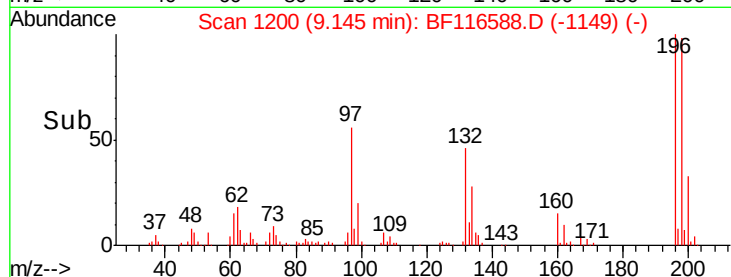
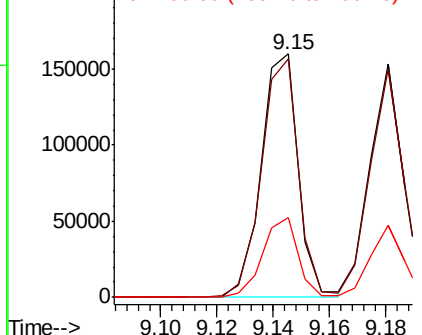
#43
 2,4,6-Trichlorophenol
 Concen: 38.919 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 145372
 Ion Ratio Lower Upper
 196 100
 198 97.9 78.0 117.0
 200 32.9 24.2 36.2

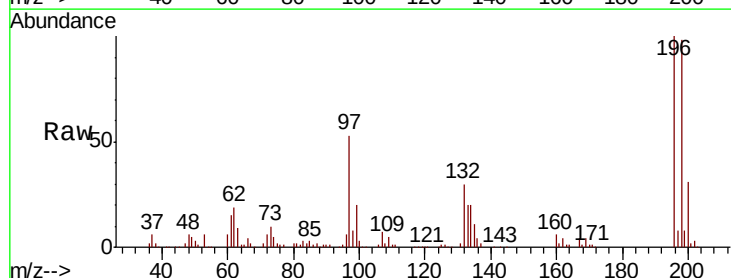


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

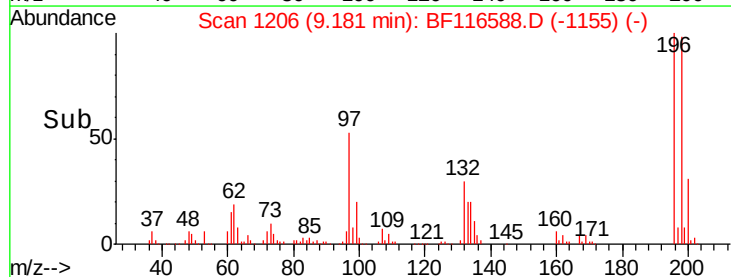
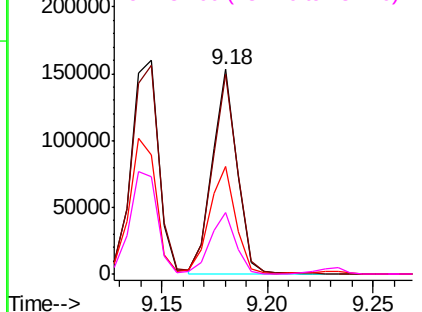


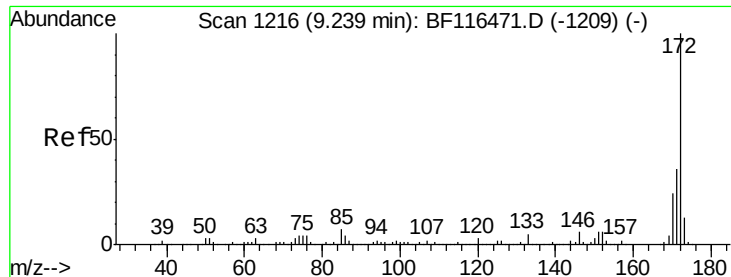
#44
 2,4,5-Trichlorophenol
 Concen: 33.011 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

Tgt Ion:196 Resp: 125464
 Ion Ratio Lower Upper
 196 100
 198 97.8 80.8 121.2
 97 52.5 45.7 68.5
 132 30.3 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

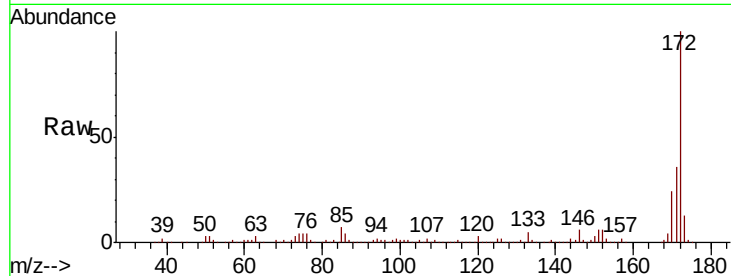




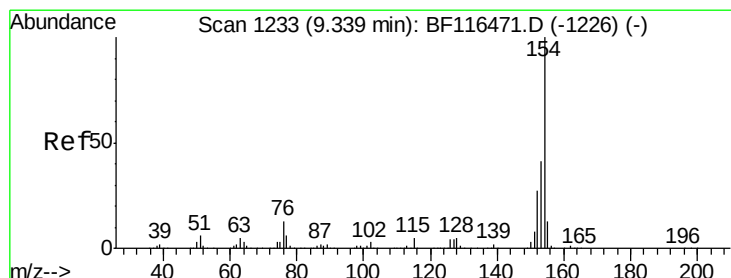
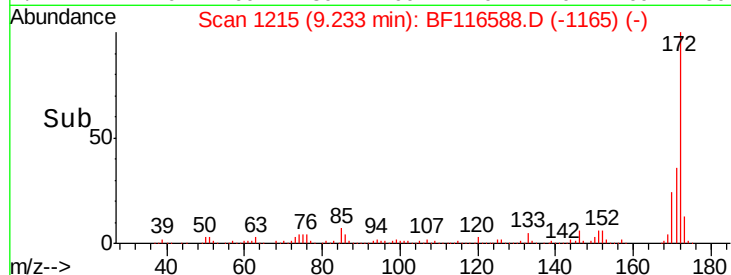
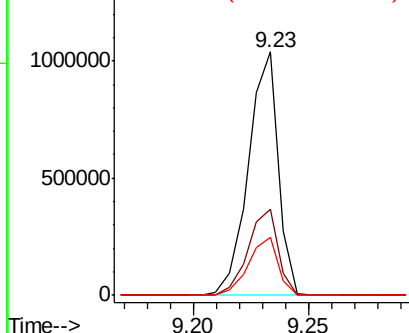
#45
2-Fluorobiphenyl
Concen: 76.118 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	23.8	19.4	29.0

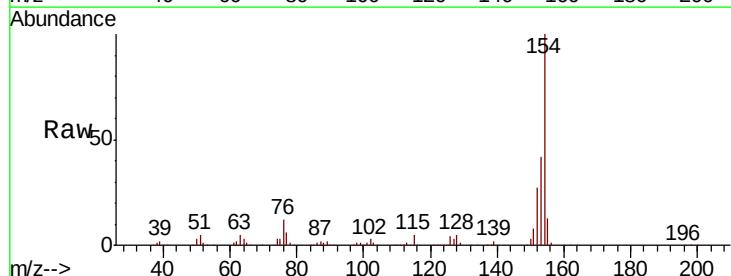


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

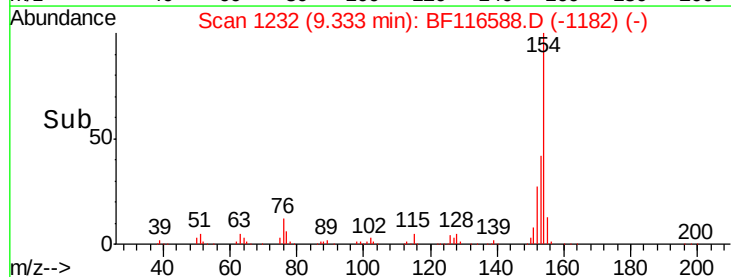
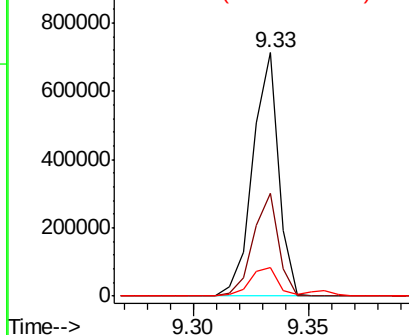


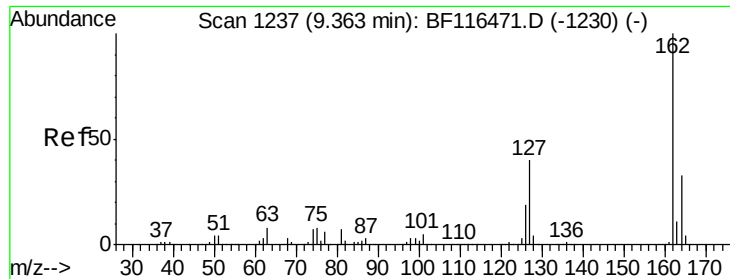
#46
1,1'-Biphenyl
Concen: 35.203 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	21.3	61.3
76	11.9	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

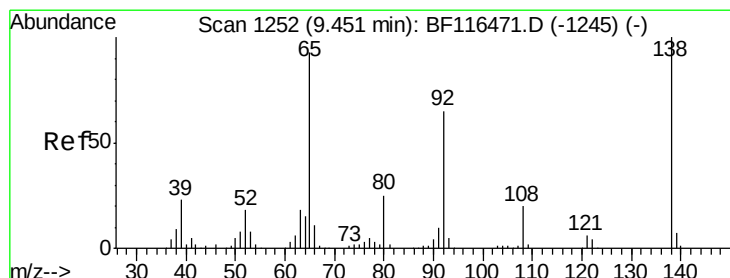
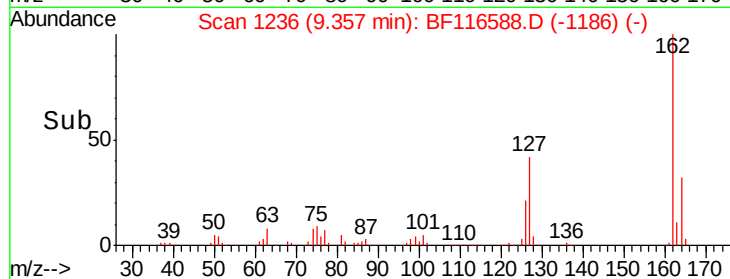
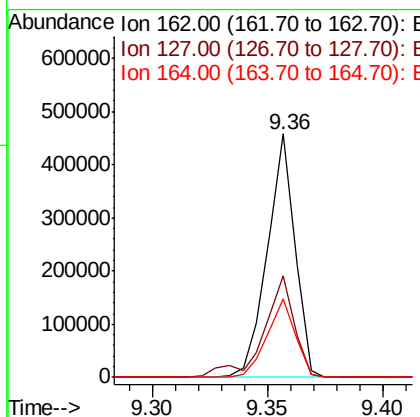
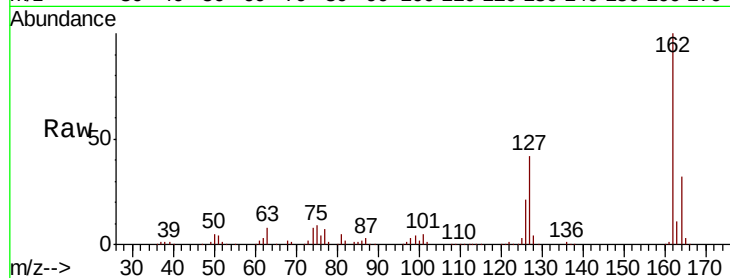




#47
 2-Chloronaphthalene
 Concen: 31.108 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

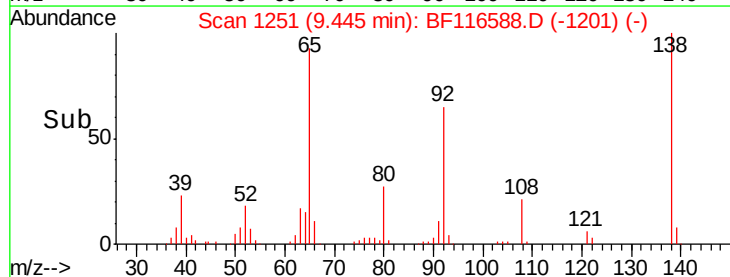
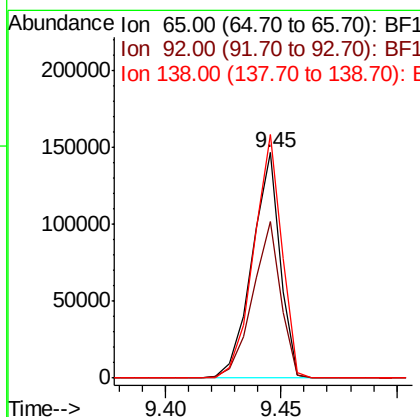
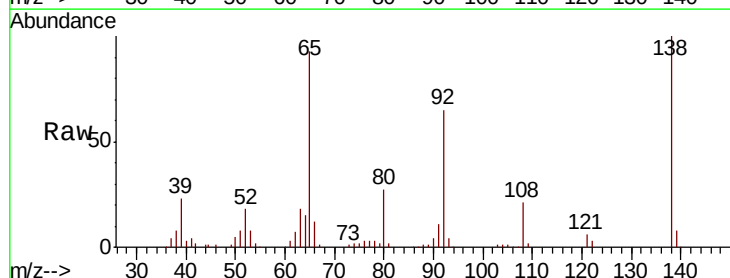
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

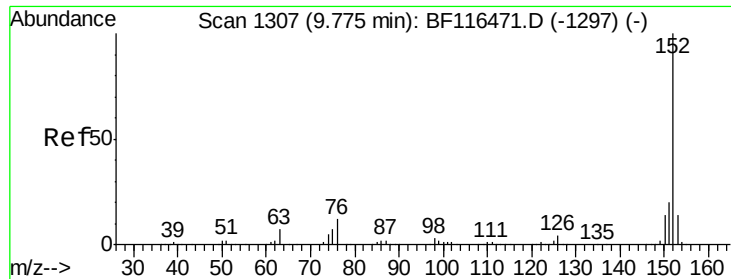
Tot Ion:162 Resp: 382493
 Ion Ratio Lower Upper
 162 100
 127 41.6 32.5 48.7
 164 32.3 26.7 40.1



#48
 2-Nitroaniline
 Concen: 33.124 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

Tgt Ion: 65 Resp: 124701
 Ion Ratio Lower Upper
 65 100
 92 69.7 56.2 84.2
 138 107.9 86.0 129.0





#49

Acenaphthylene

Concen: 39.211 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

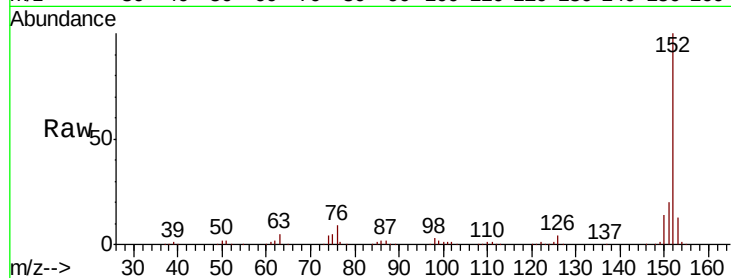
Tot Ion:152 Resp: 705376

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

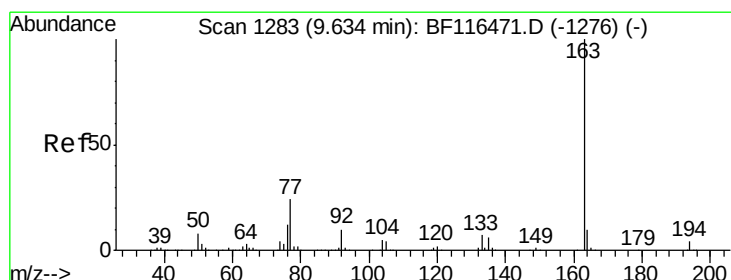
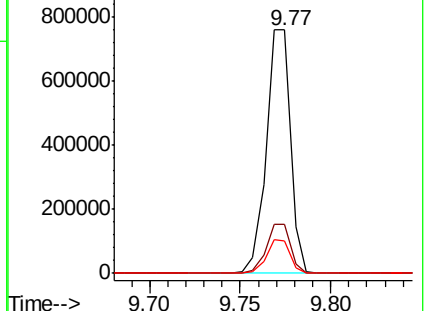
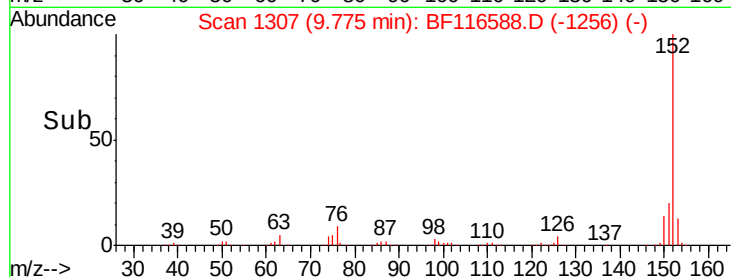
153 13.3 11.4 17.0



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: 37.415 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

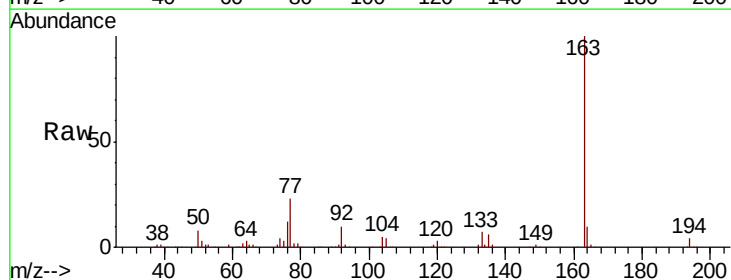
Tgt Ion:163 Resp: 517836

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

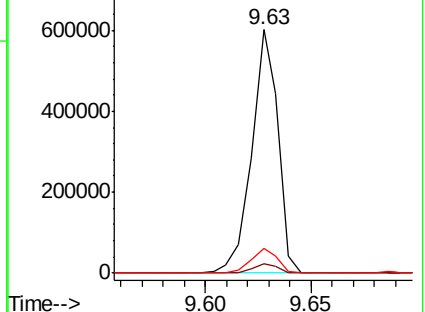
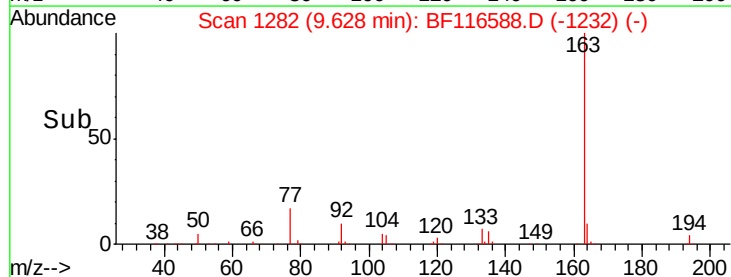
164 9.9 8.2 12.2

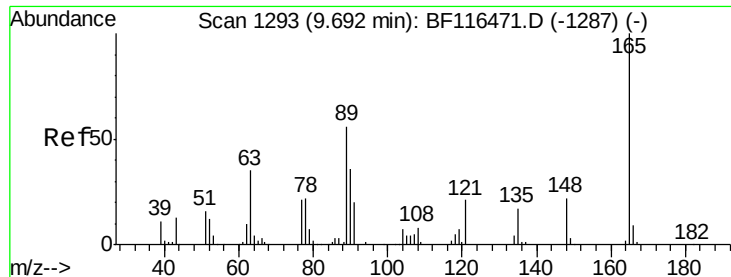


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.582 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

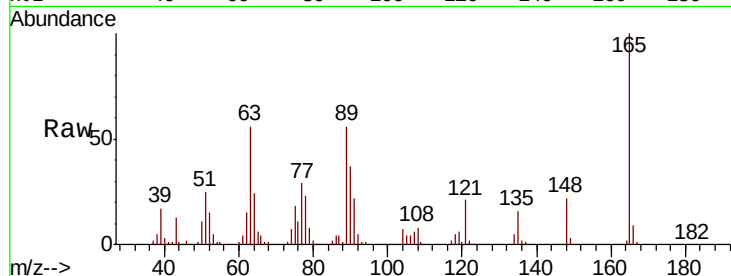
Tot Ion:165 Resp: 117799

Ion Ratio Lower Upper

165 100

63 55.6 43.7 65.5

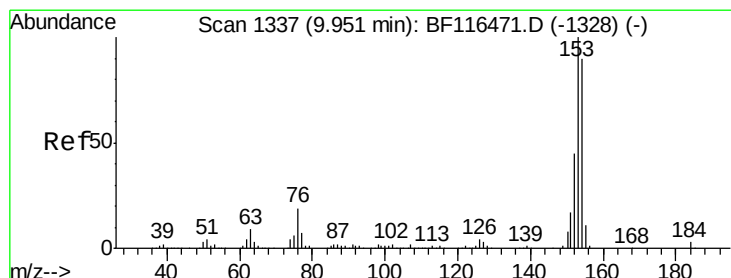
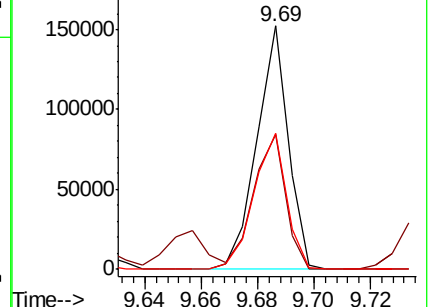
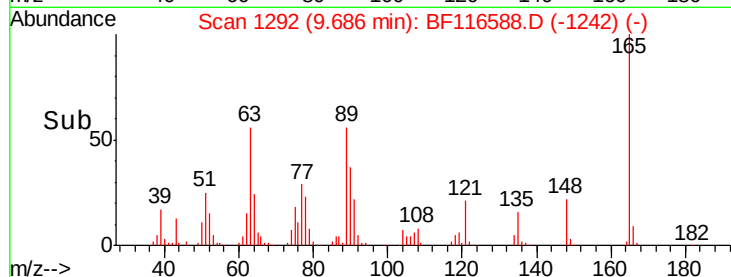
89 56.1 45.1 67.7



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: 41.895 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

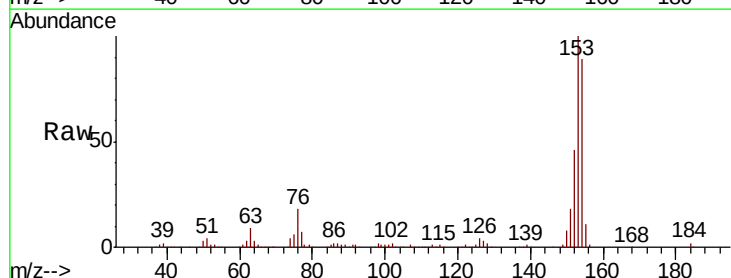
Tgt Ion:154 Resp: 483601

Ion Ratio Lower Upper

154 100

153 112.6 89.3 133.9

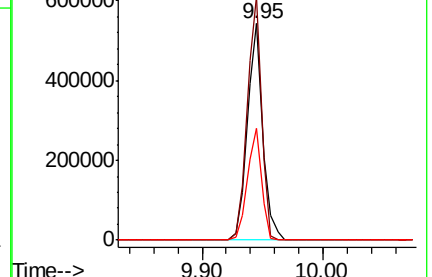
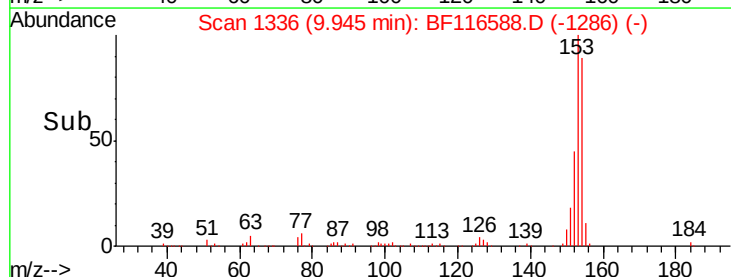
152 51.5 40.2 60.4

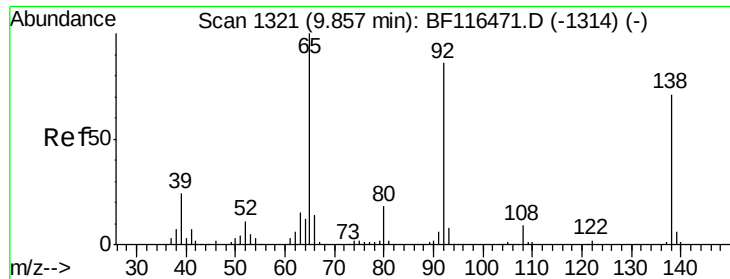


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

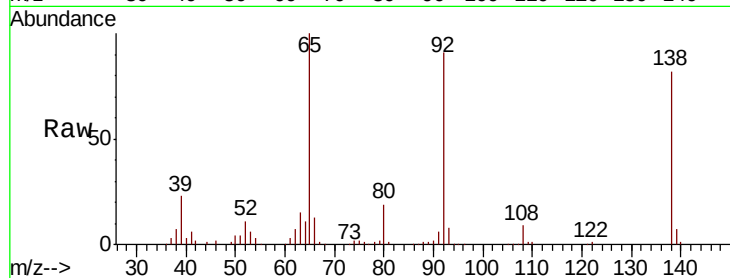




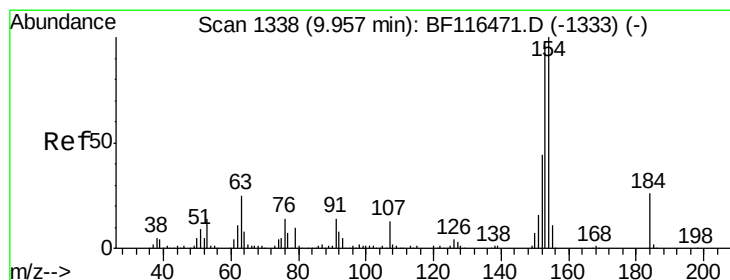
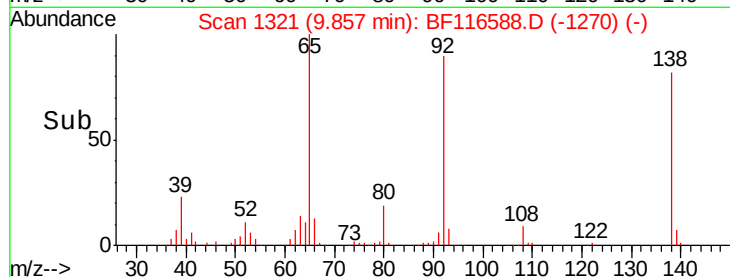
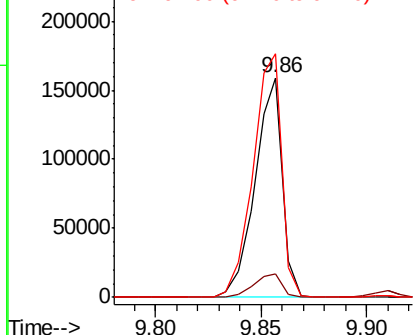
#53
3-Nitroaniline
Concen: 42.422 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 143255
Ion Ratio Lower Upper
138 100
108 10.6 10.0 15.0
92 110.9 97.7 146.5

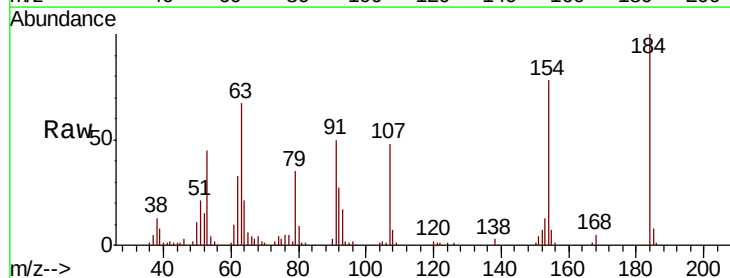


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

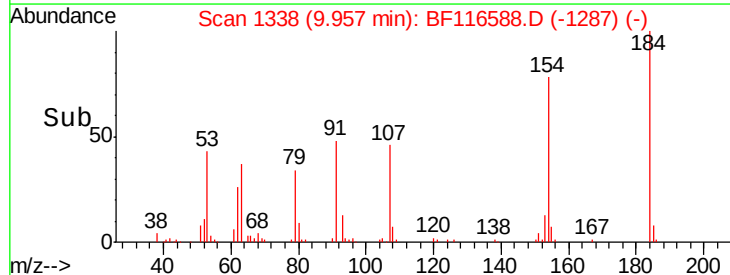
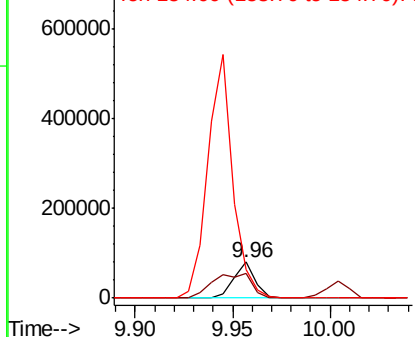


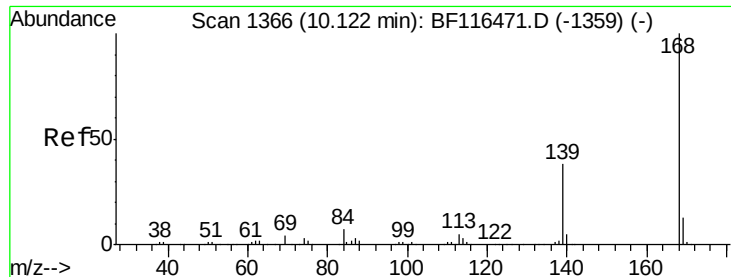
#54
2,4-Dinitrophenol
Concen: 57.834 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

Tgt Ion:184 Resp: 61259
Ion Ratio Lower Upper
184 100
63 67.4 78.2 117.4#
154 77.9 320.4 480.6#



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

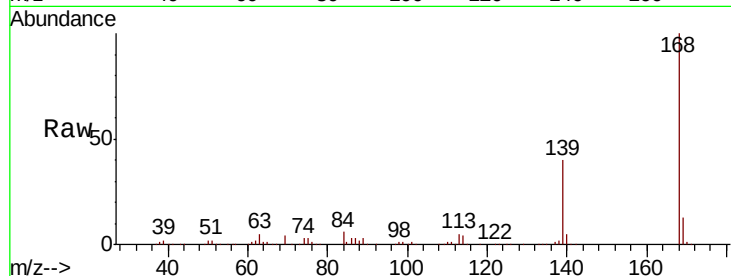




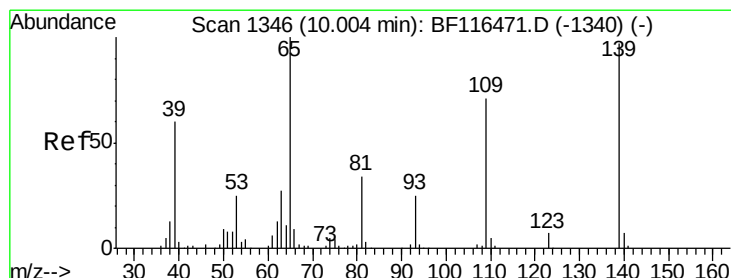
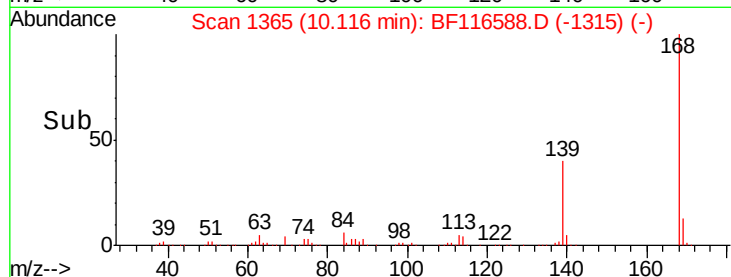
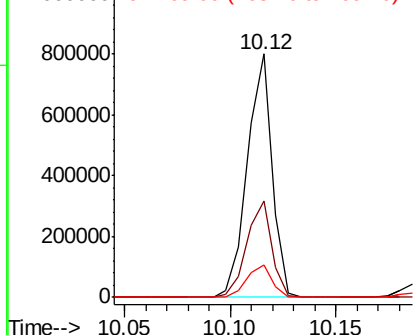
#55
Dibenzenofuran
Concen: 40.643 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 653969
Ion Ratio Lower Upper
168 100
139 39.6 30.7 46.1
169 13.3 10.7 16.1

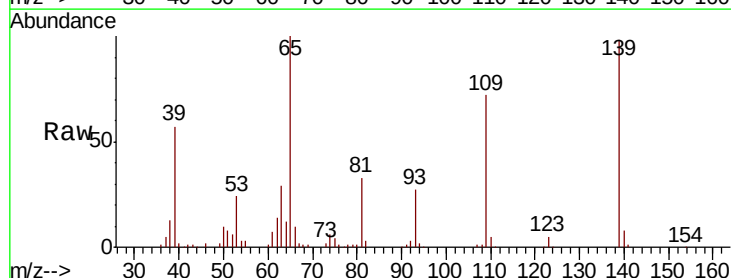


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

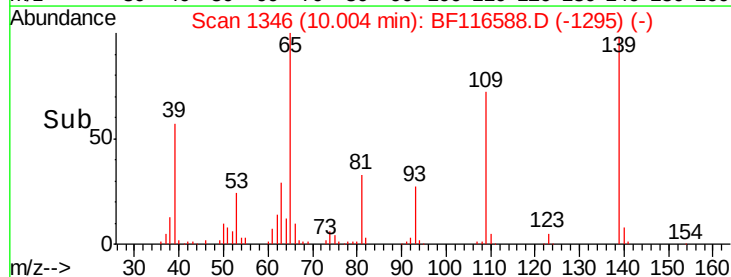
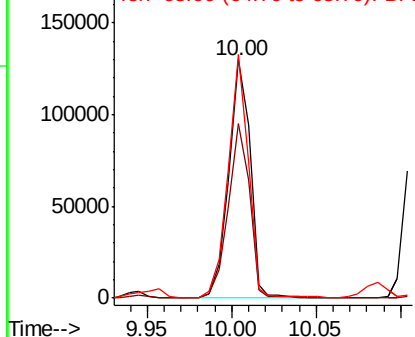


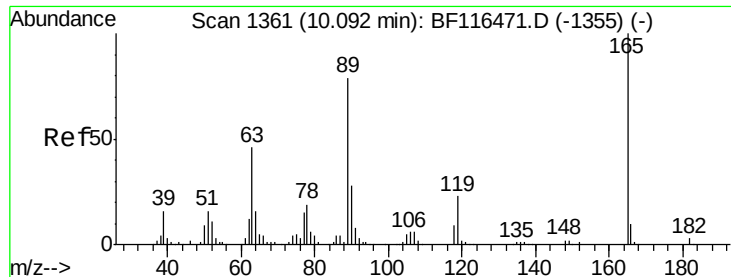
#56
4-Nitrophenol
Concen: 43.108 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

Tgt Ion:139 Resp: 113145
Ion Ratio Lower Upper
139 100
109 73.1 53.4 93.4
65 102.2 83.0 123.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

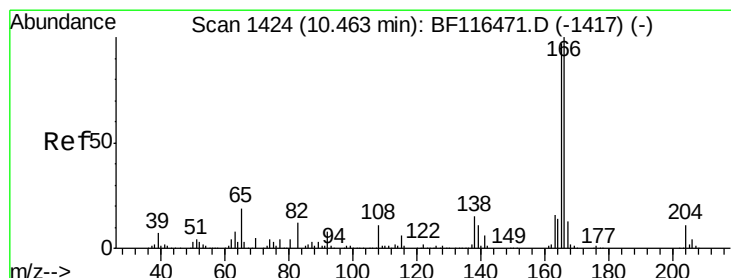
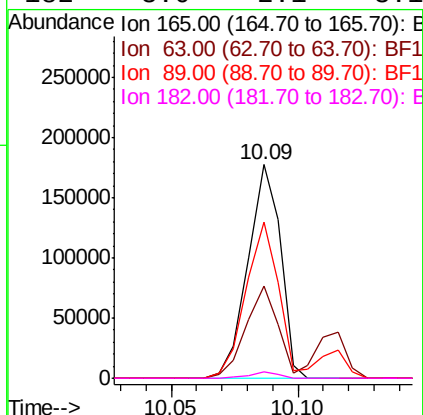
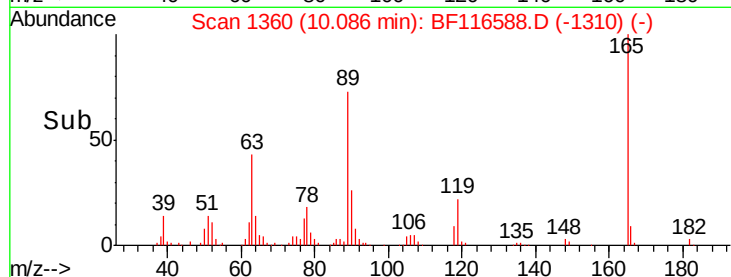
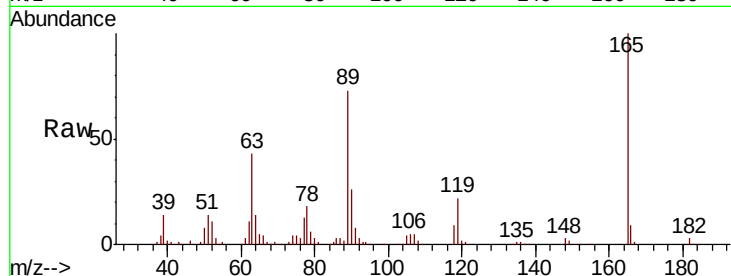




#57
2,4-Dinitrotoluene
Concen: 44.322 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

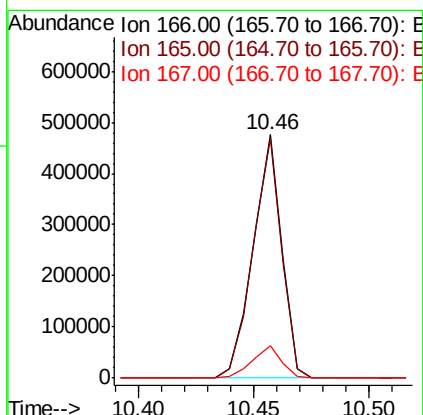
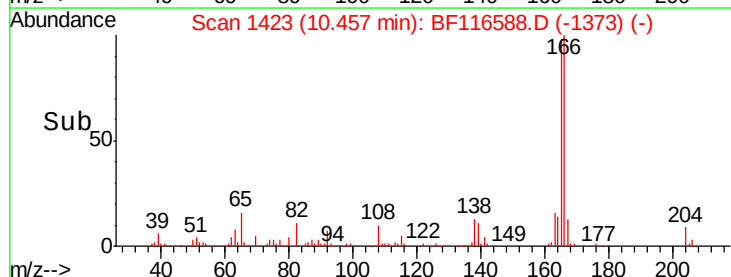
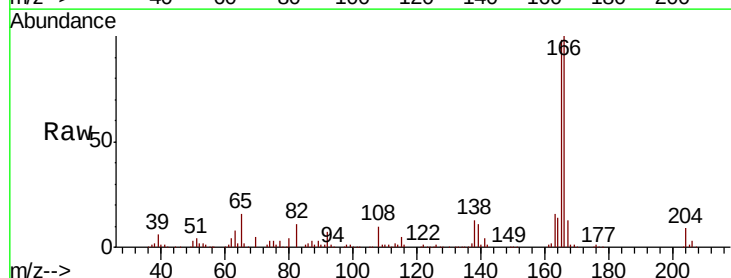
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

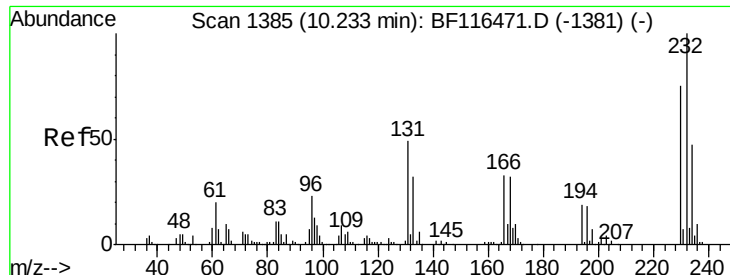
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.2	36.9	55.3
89	73.1	63.4	95.0
182	3.0	2.1	3.1



#58
Fluorene
Concen: 33.004 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.4	116.0
167	13.1	10.8	16.2

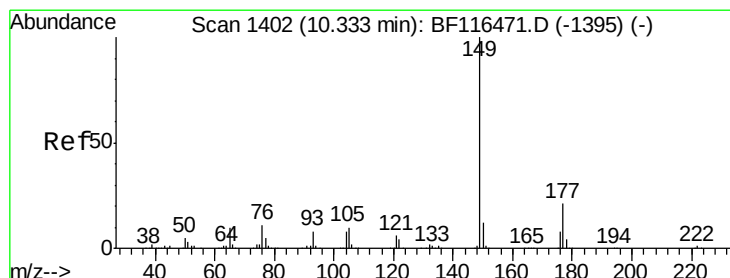
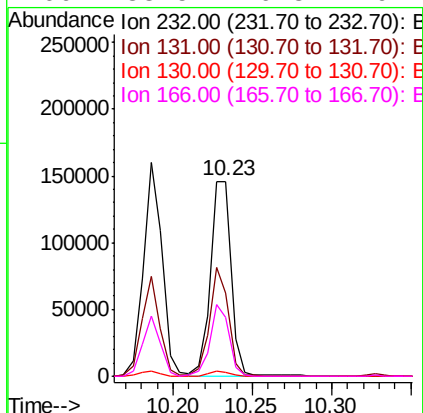
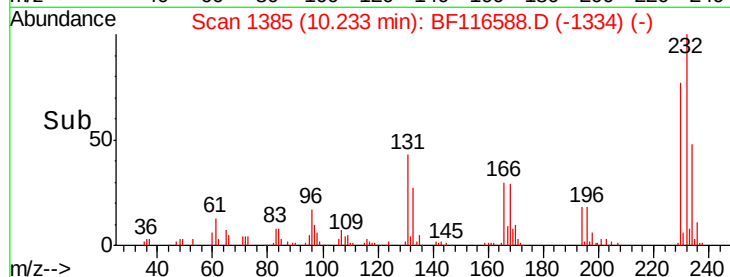
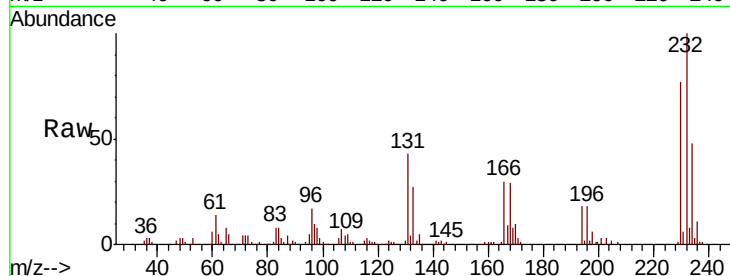




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.023 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

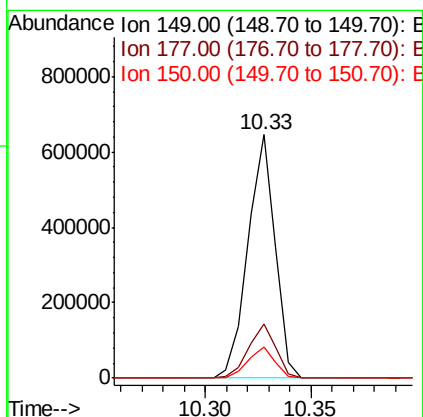
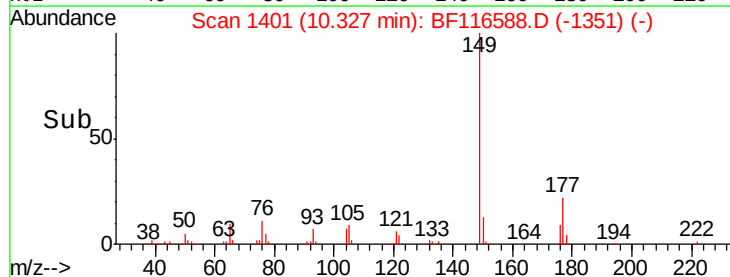
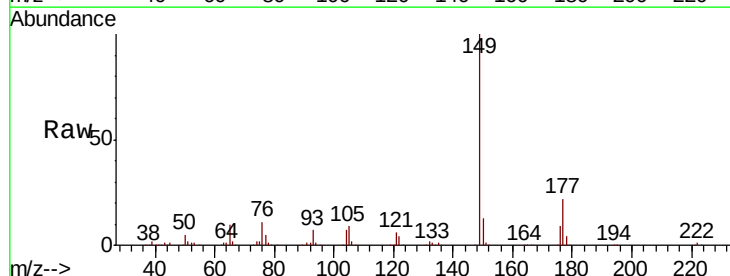
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

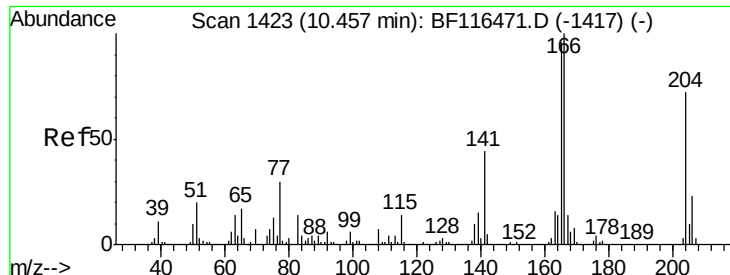
Tot Ion	Ratio	Lower	Upper
232	100		
131	50.8	40.8	61.2
130	2.6	1.8	2.8
166	33.5	26.8	40.2



#60
Diethylphthalate
Concen: 42.386 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.1	25.7
150	12.7	9.8	14.6

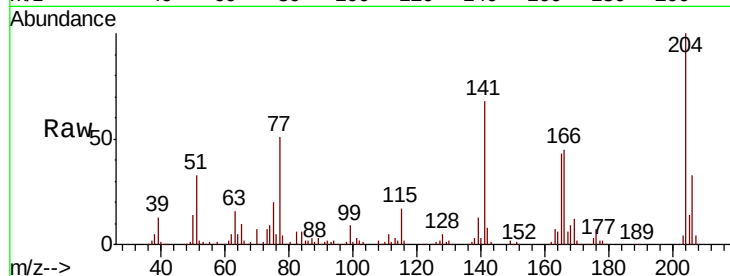




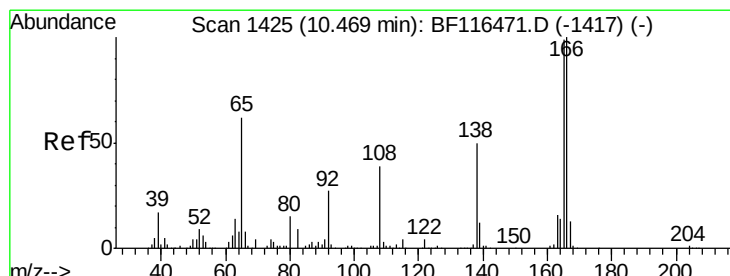
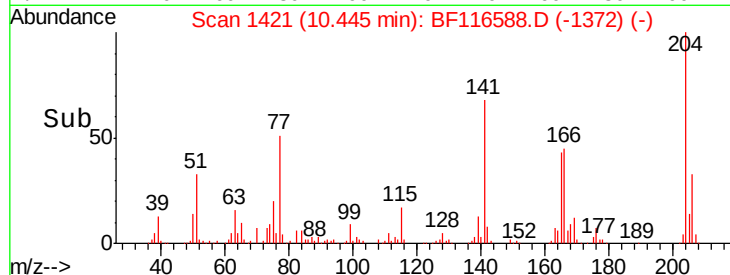
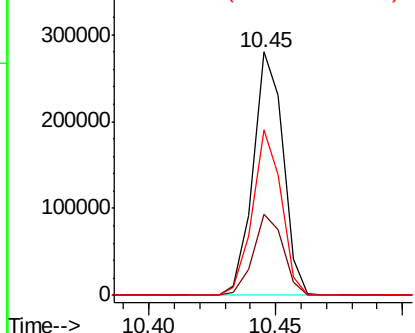
#61
 4-Chlorophenyl-phenylether
 Concen: 38.091 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	232313
Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.9	38.9
141	68.0	48.6	73.0

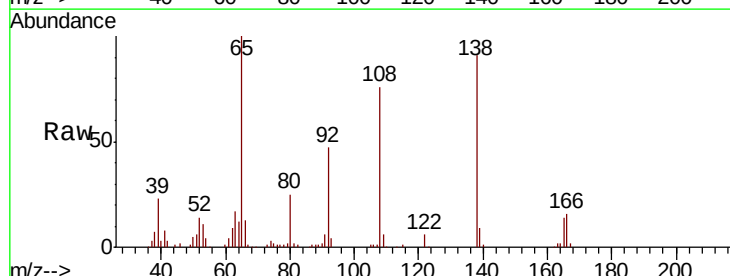


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

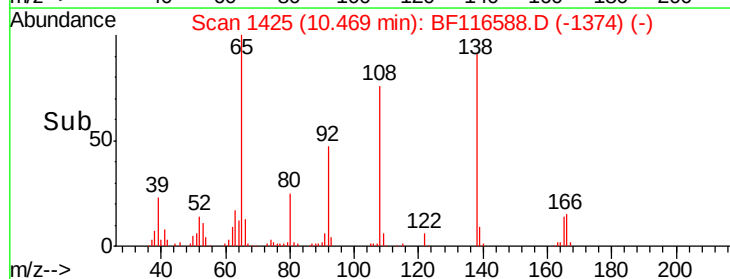
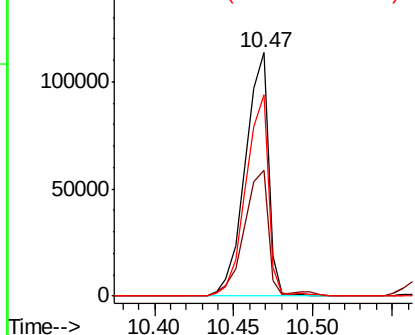


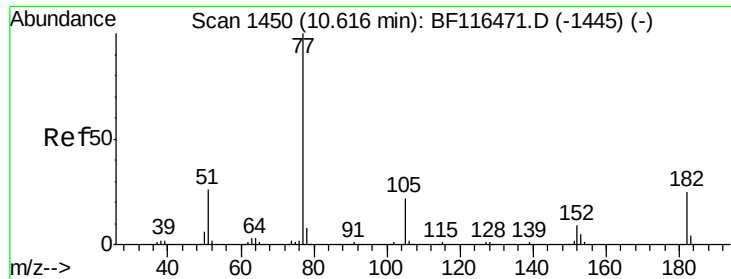
#62
 4-Nitroaniline
 Concen: 34.972 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

Tgt Ion:	138	Resp:	115502
Ion	Ratio	Lower	Upper
138	100		
92	51.4	34.9	74.9
108	82.8	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

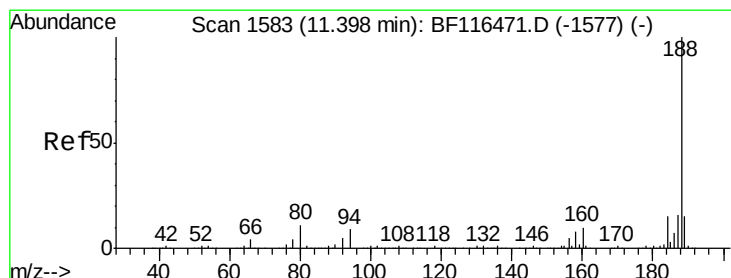
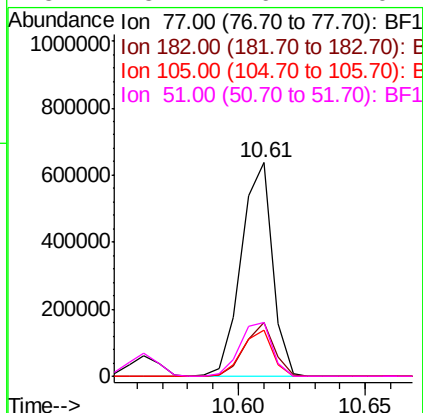
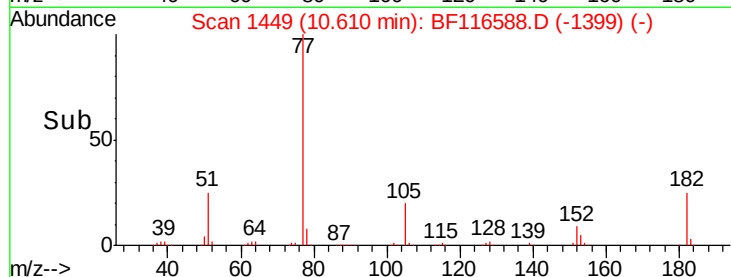
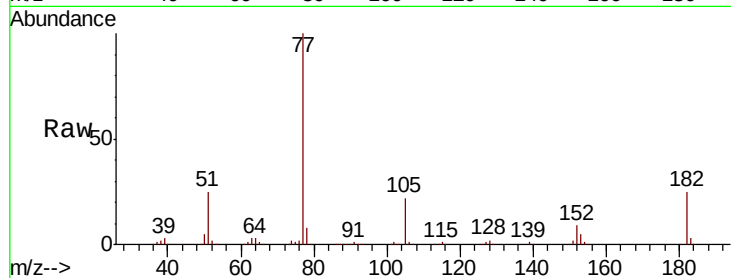




#63
Azobenzene
Concen: 38.966 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

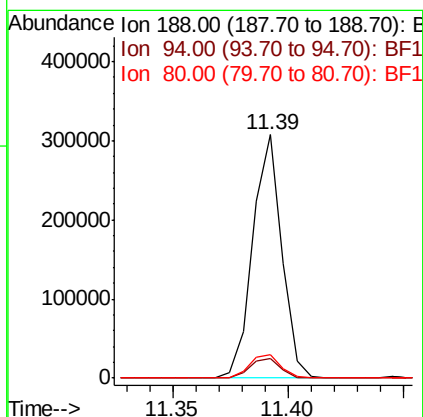
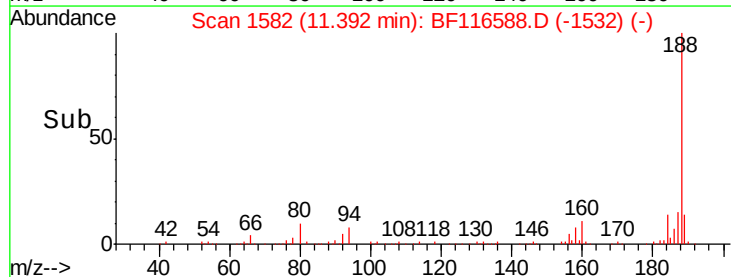
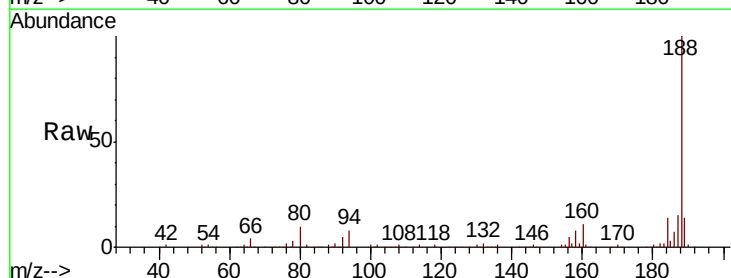
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

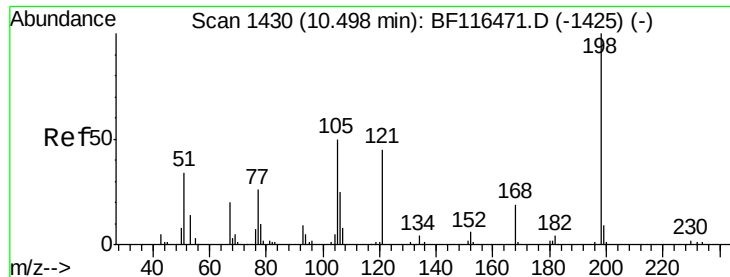
Tot Ion:	77	Resp:	545019
Ion	Ratio	Lower	Upper
77	100		
182	25.0	5.4	45.4
105	21.6	1.6	41.6
51	25.4	6.2	46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

Tgt Ion:	188	Resp:	269971
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.4	11.2
80	9.8	8.6	12.8

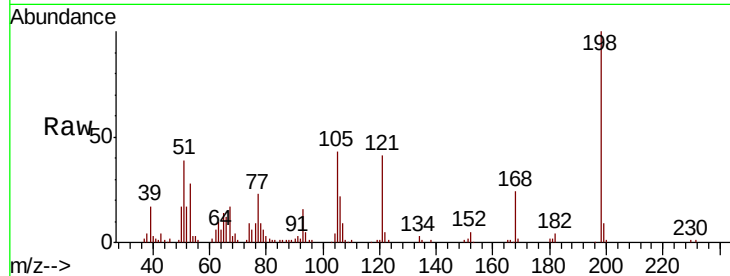




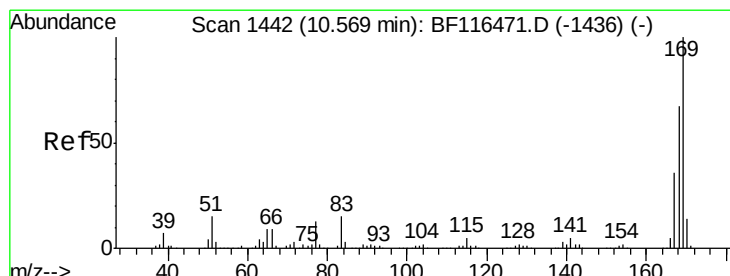
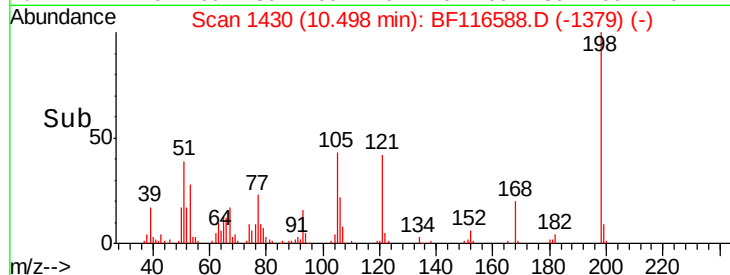
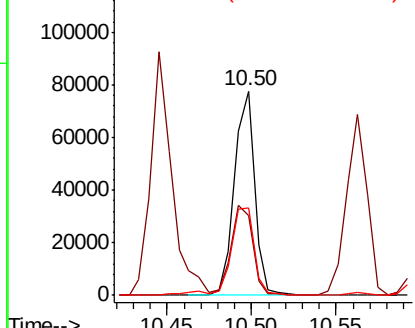
#65
 4,6-Dinitro-2-methylphenol
 Concen: 56.766 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:198 Resp: 64499
 Ion Ratio Lower Upper
 198 100
 51 39.1 30.4 70.4
 105 43.0 32.8 72.8

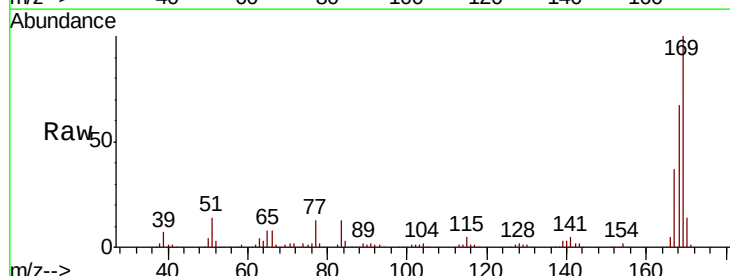


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

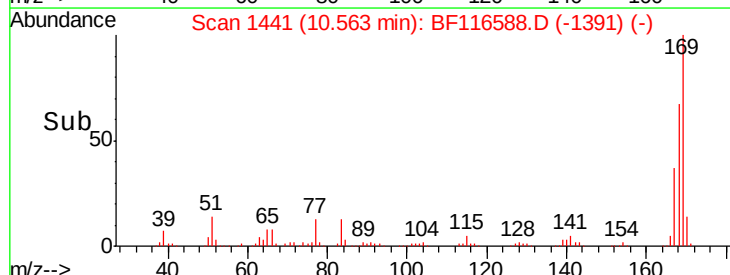
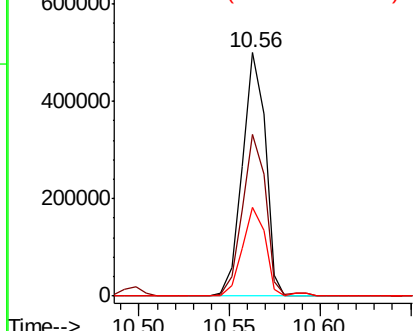


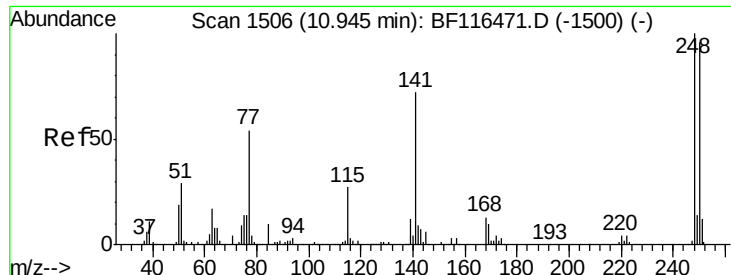
#66
 n-Nitrosodiphenylamine
 Concen: 50.667 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

Tgt Ion:169 Resp: 442911
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.6 80.4
 167 36.6 28.7 43.1



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

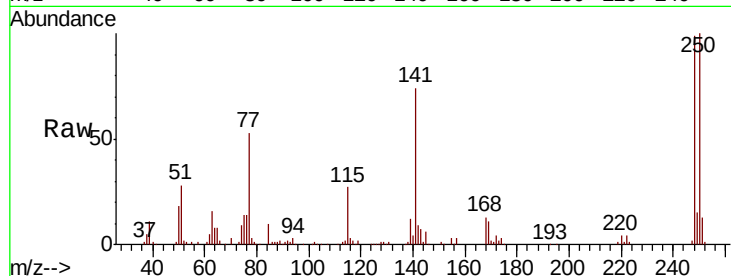




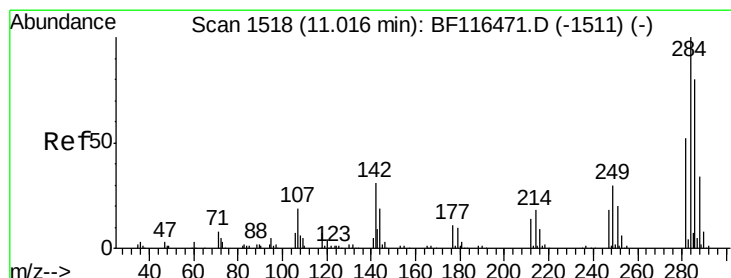
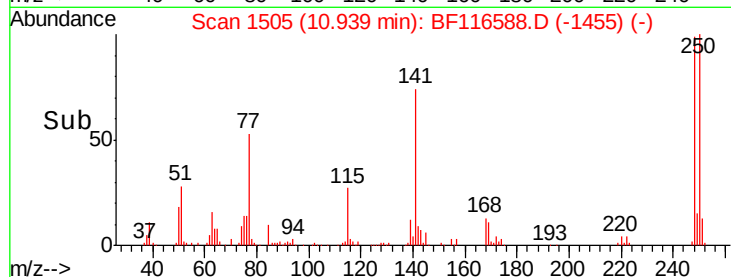
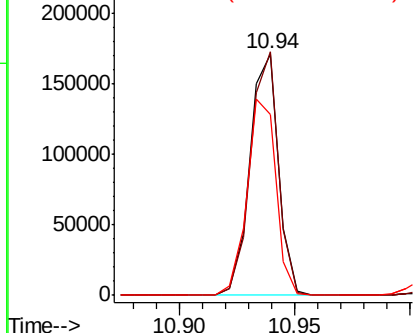
#67
 4-Bromophenyl-phenylether
 Concen: 52.514 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 148632
 Ion Ratio Lower Upper
 248 100
 250 100.8 77.0 115.6
 141 74.7 57.4 86.0

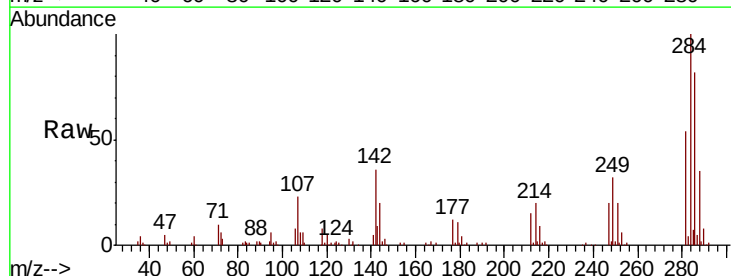


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

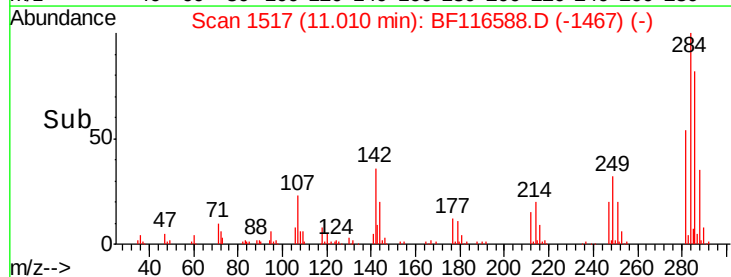
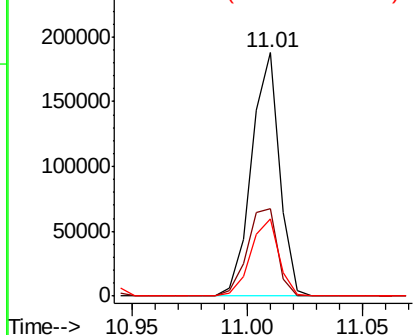


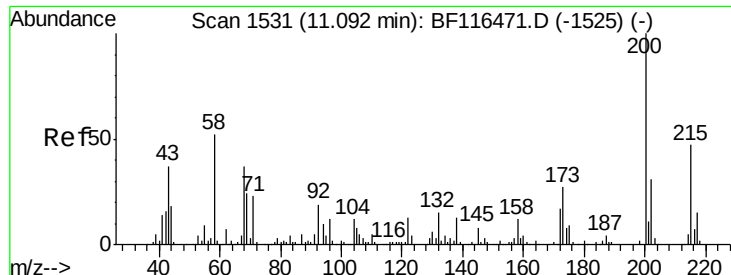
#68
 Hexachlorobenzene
 Concen: 50.832 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

Tgt Ion:284 Resp: 159127
 Ion Ratio Lower Upper
 284 100
 142 36.0 24.6 36.8
 249 31.8 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

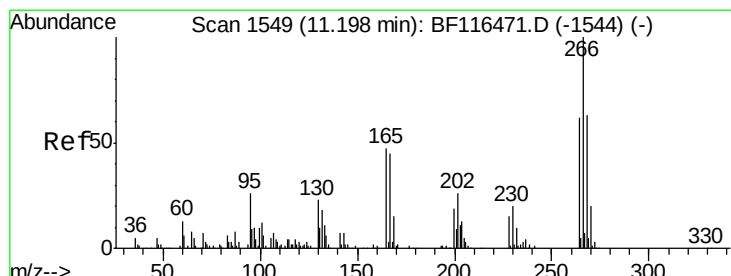
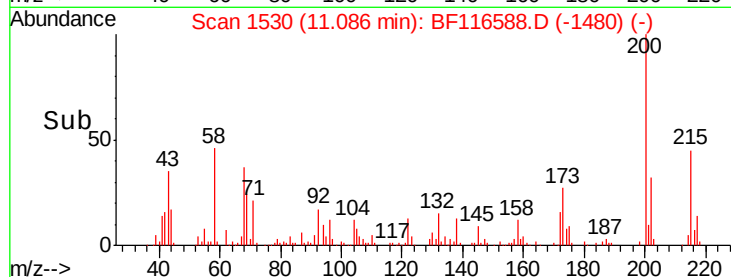
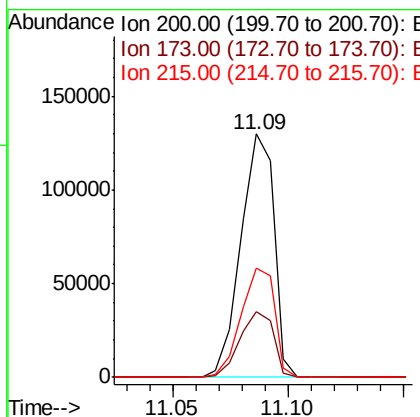
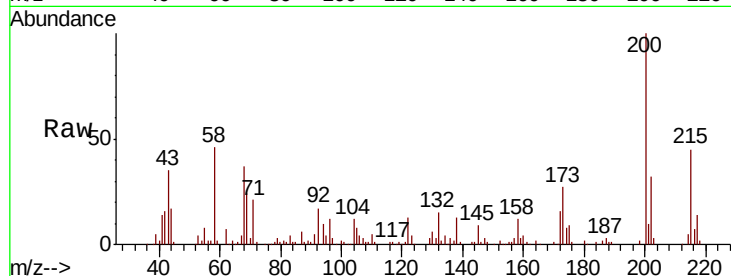




#69
 Atrazine
 Concen: 49.689 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

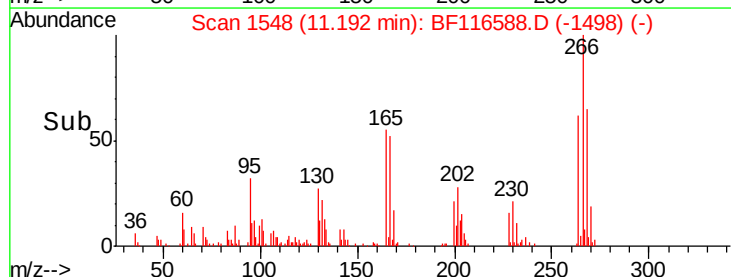
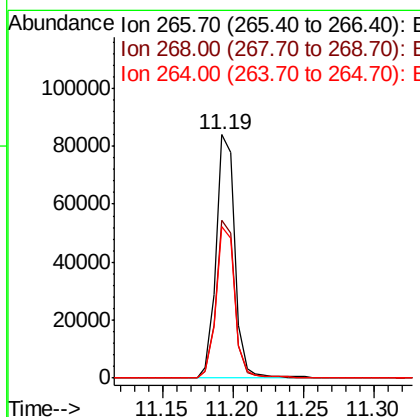
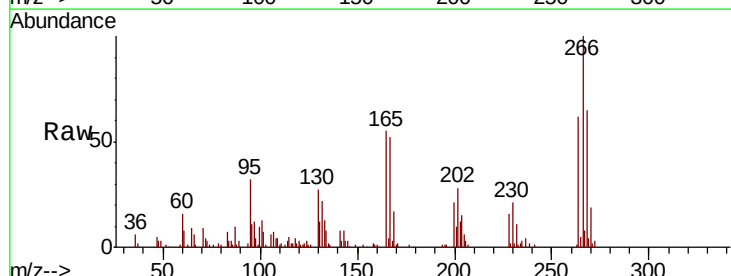
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

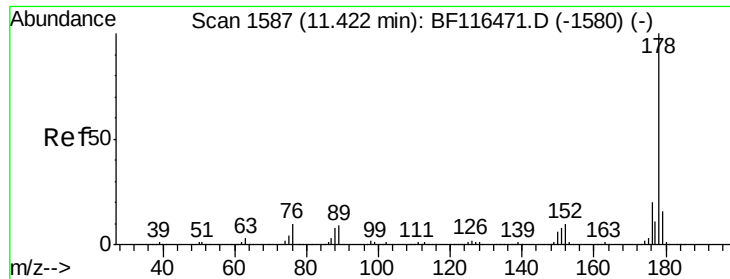
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.3	47.3
215	45.0	26.7	66.7



#70
 Pentachlorophenol
 Concen: 42.881 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	50.7	76.1
264	62.4	50.0	75.0

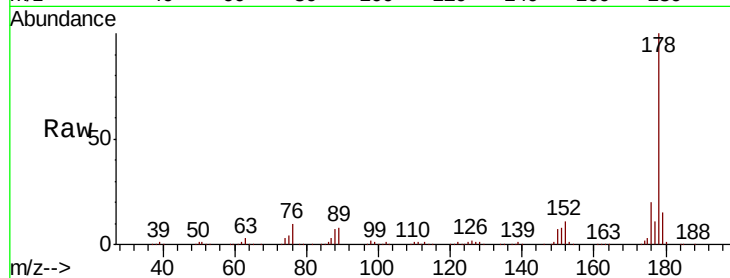




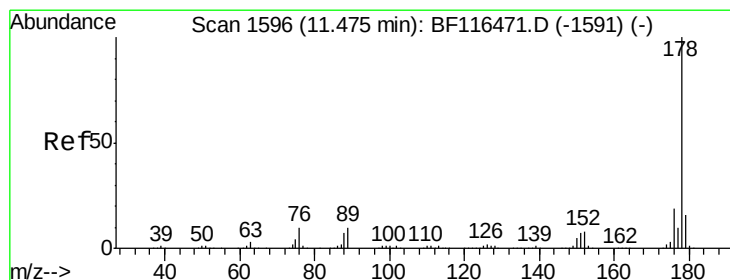
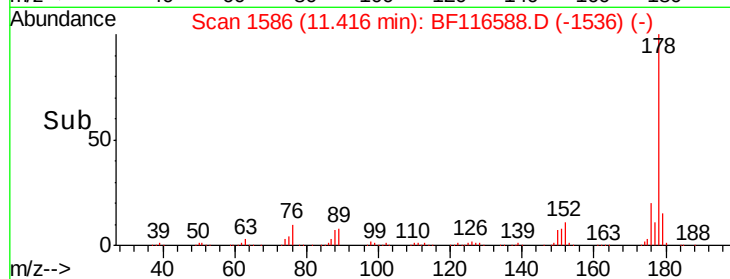
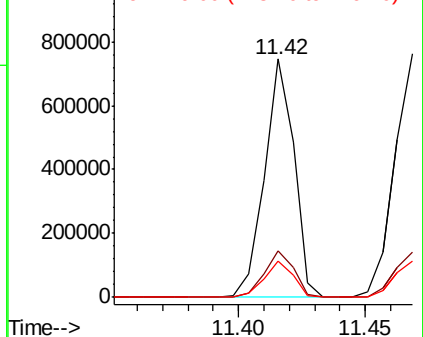
#71
 Phenanthrene
 Concen: 41.434 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 609363
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.6
 179 15.4 12.8 19.2

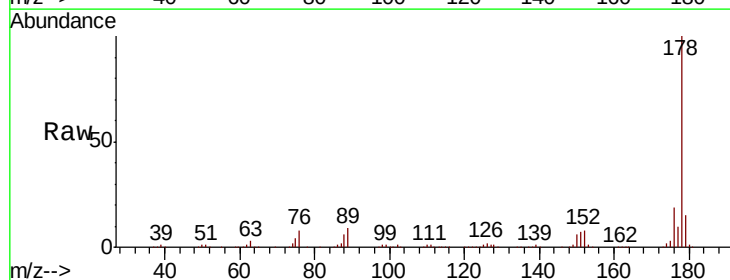


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

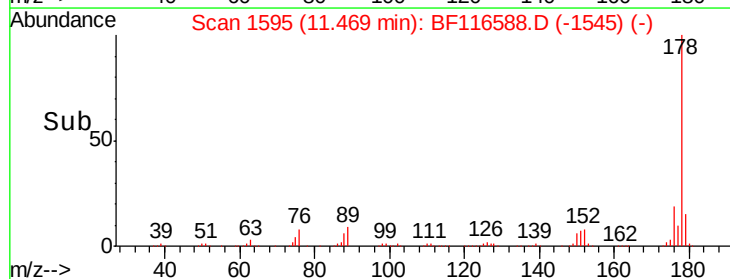
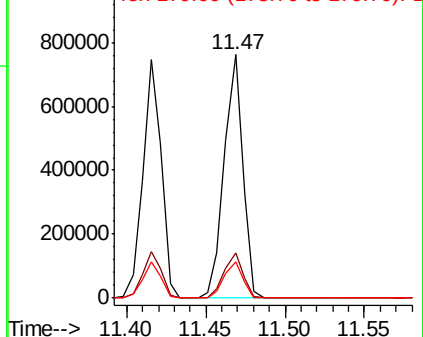


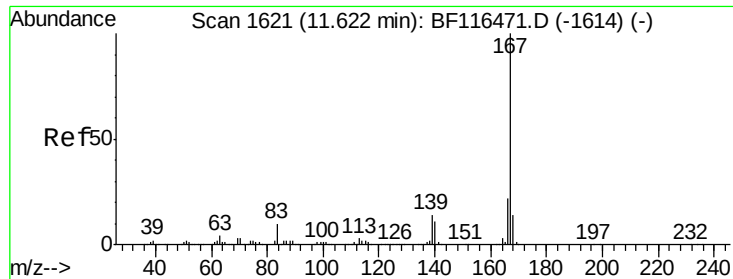
#72
 Anthracene
 Concen: 42.196 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

Tgt Ion:178 Resp: 623588
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.2 22.8
 179 15.2 12.5 18.7



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

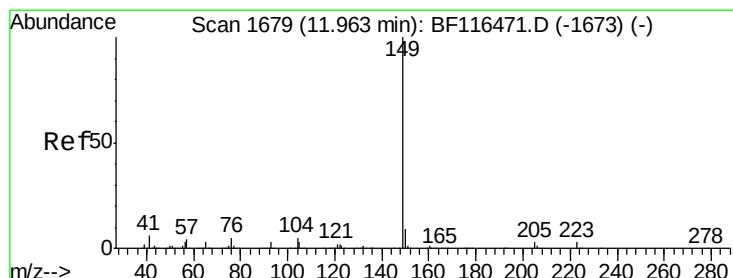
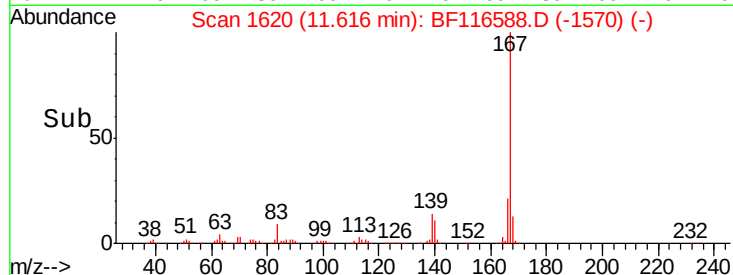
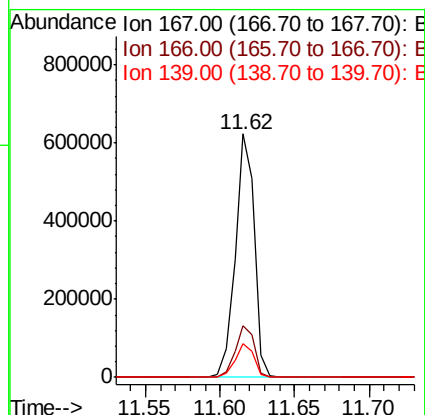
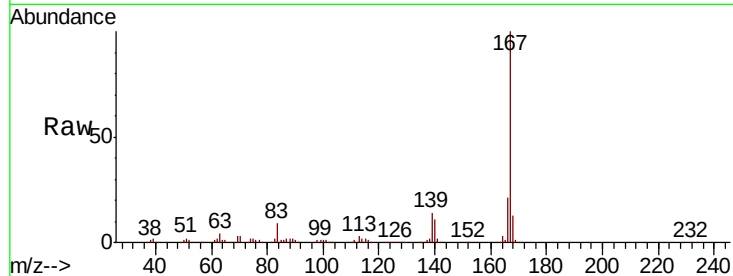




#73
 Carbazole
 Concen: 42.115 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.01 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

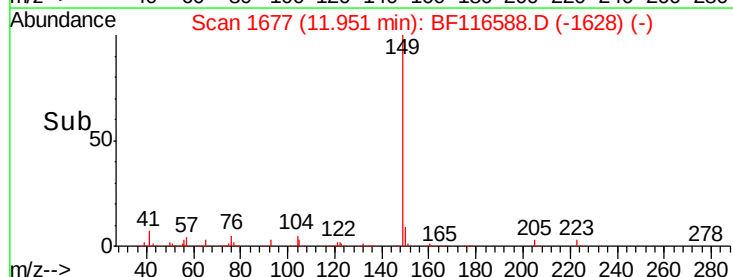
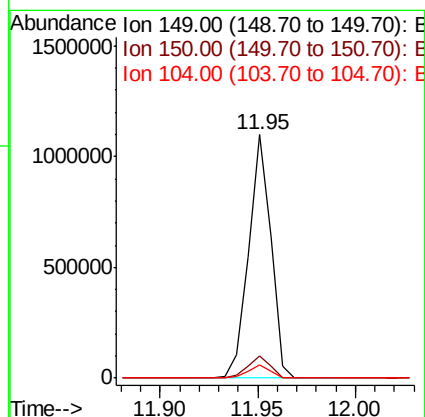
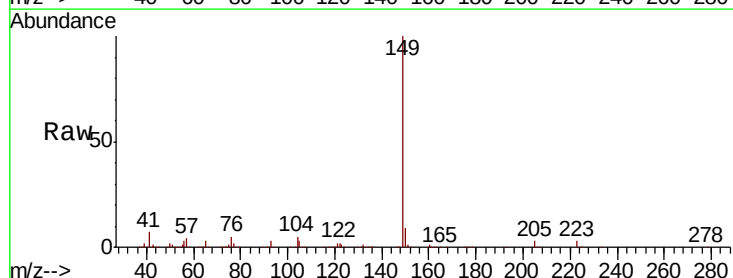
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

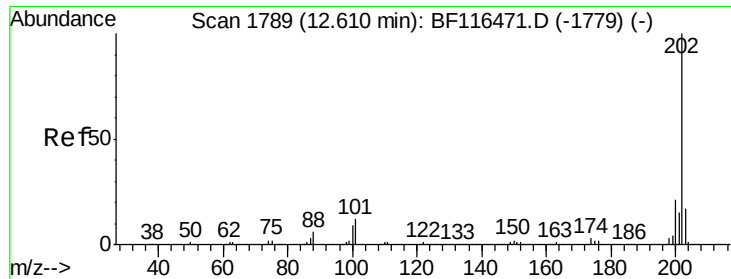
Tot Ion:167 Resp: 558672
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.8 26.6
 139 13.9 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 52.664 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

Tgt Ion:149 Resp: 865685
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.3 4.1 6.1





#75

Fluoranthene

Concen: 56.285 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.01 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

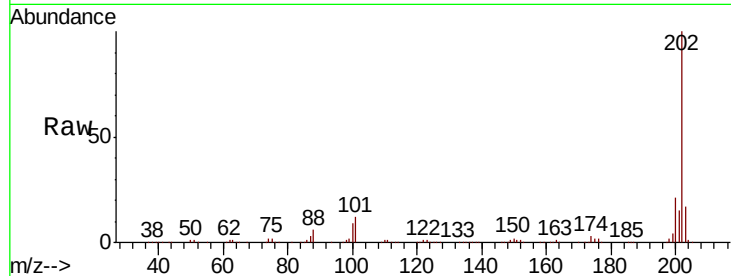
Tot Ion:202 Resp: 855813

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.5

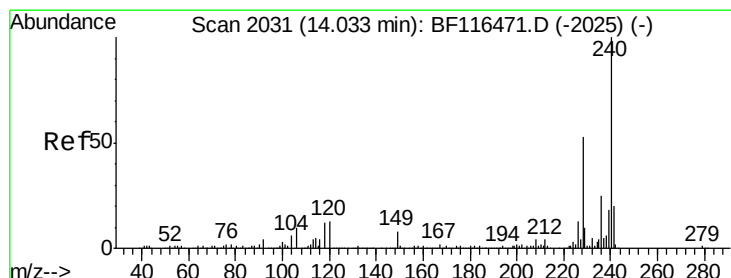
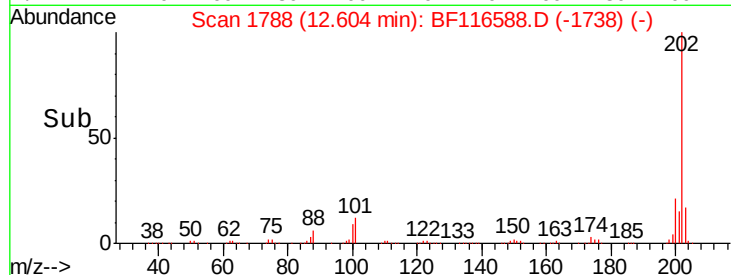
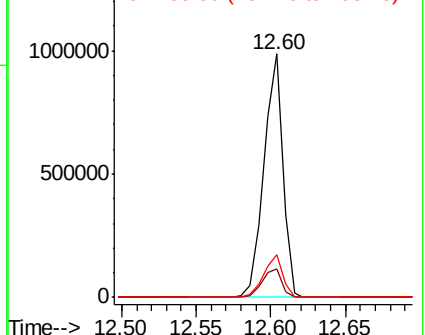
203 17.4 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

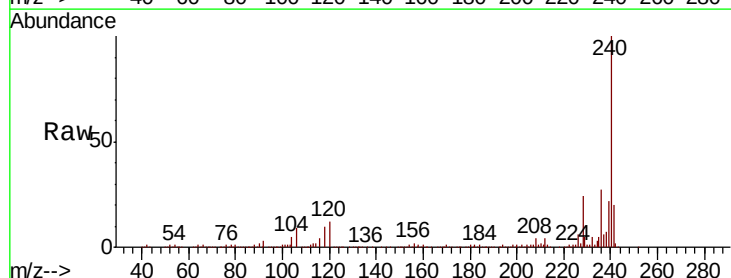
Tgt Ion:240 Resp: 265774

Ion Ratio Lower Upper

240 100

120 11.9 10.5 15.7

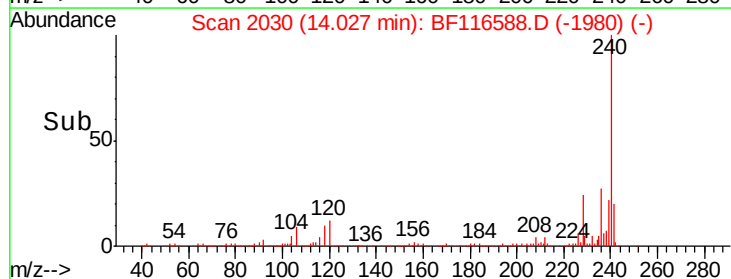
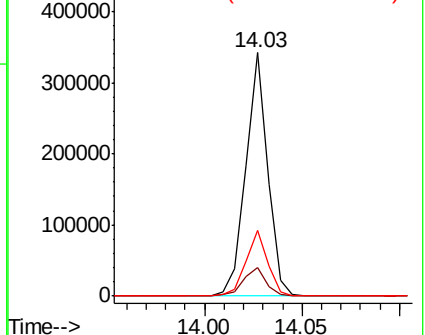
236 26.9 20.2 30.2

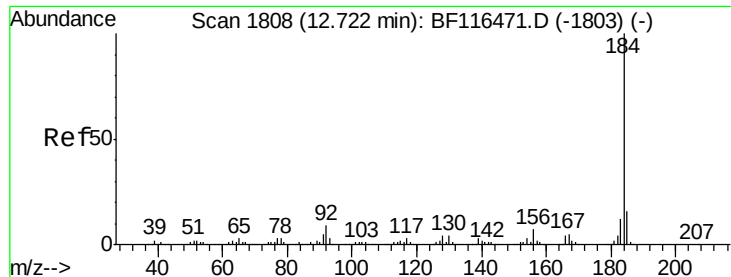


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.677 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

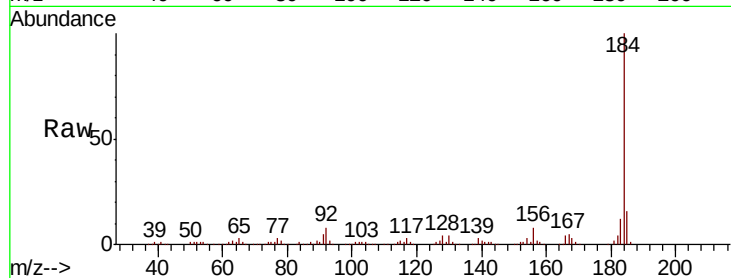
Tot Ion:184 Resp: 434962

Ion Ratio Lower Upper

184 100

185 15.8 13.0 19.4

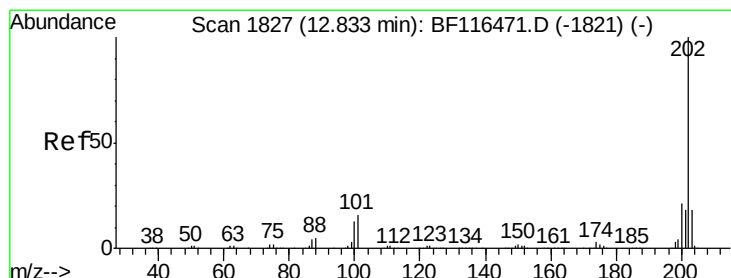
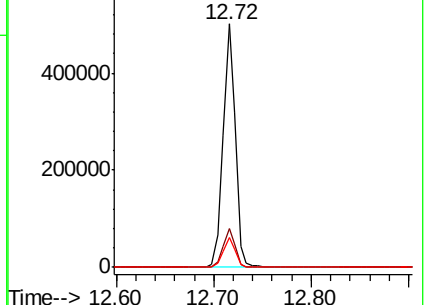
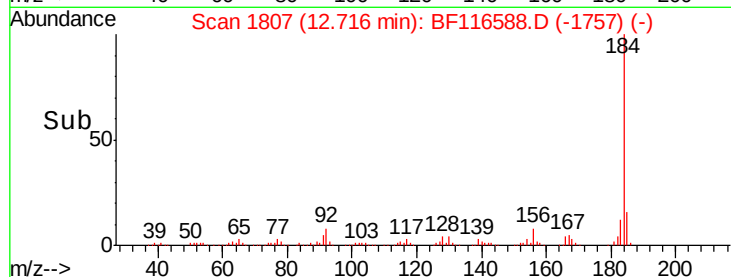
183 12.2 9.8 14.6



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: 40.760 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

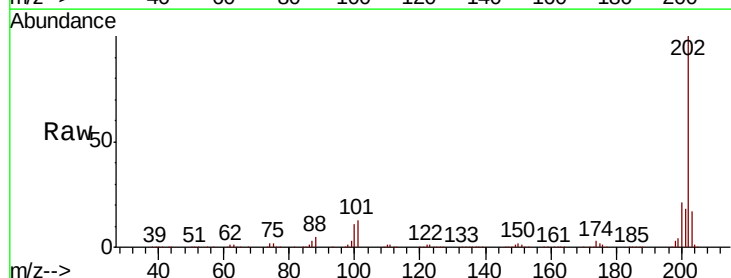
Tgt Ion:202 Resp: 866319

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

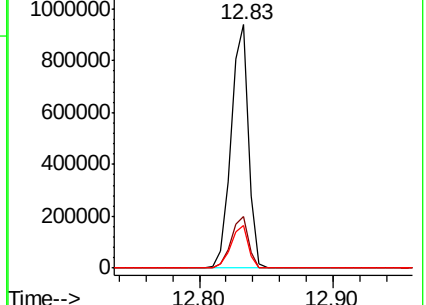
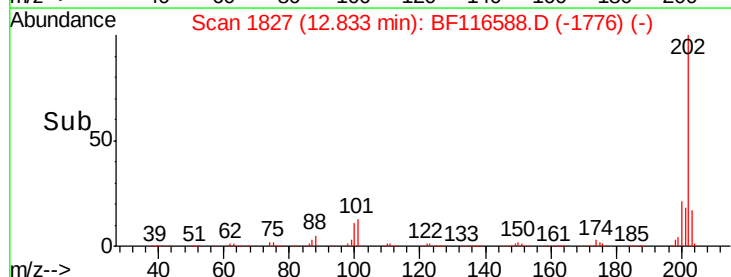
203 17.4 14.2 21.4

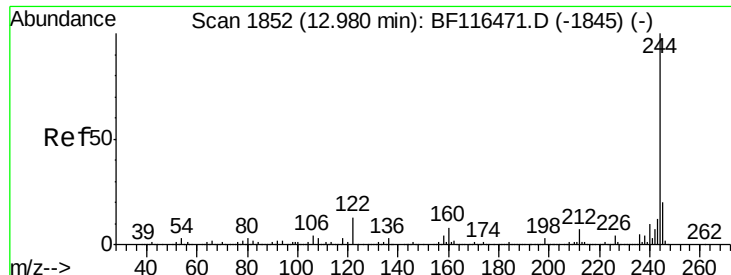


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



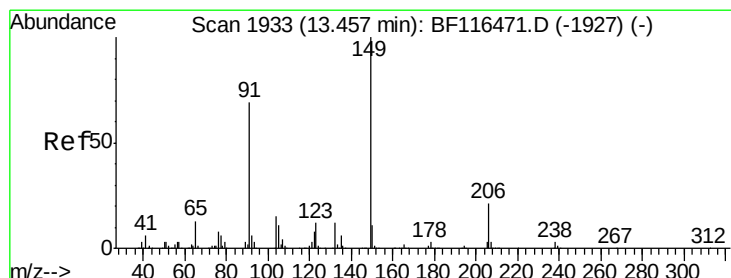
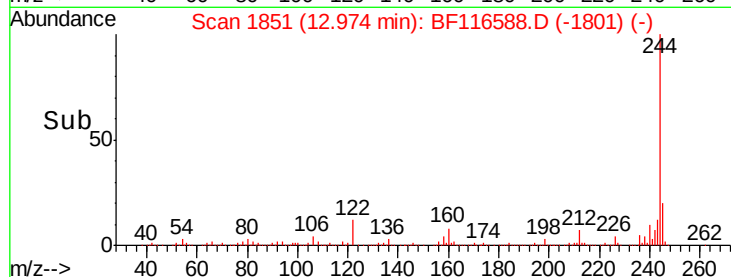
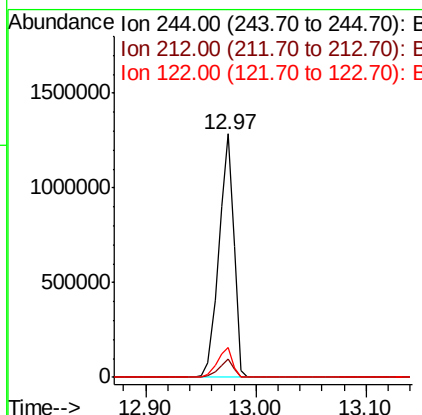
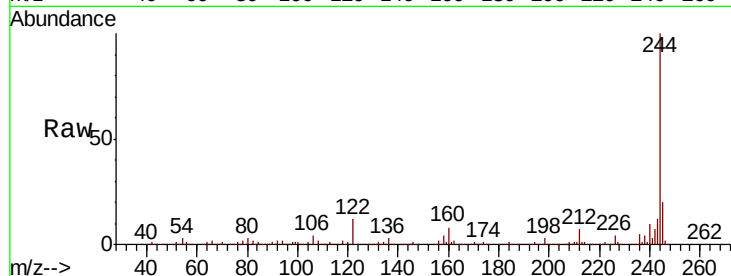


#79
 Terphenyl-d14
 Concen: 84.721 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 1205446

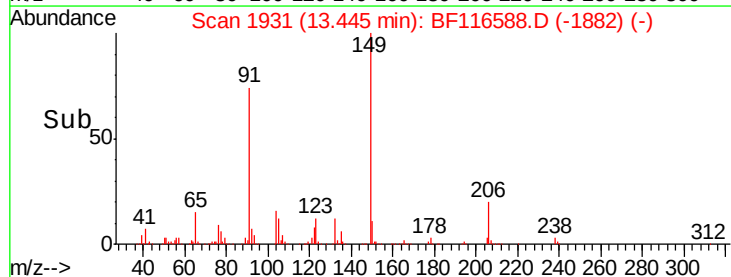
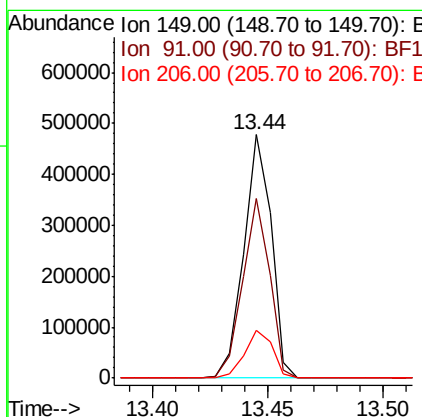
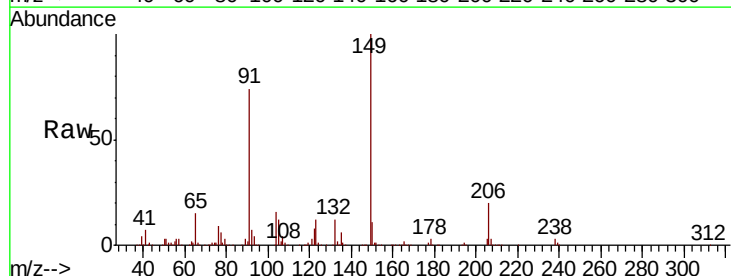
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	12.5	10.2	15.4

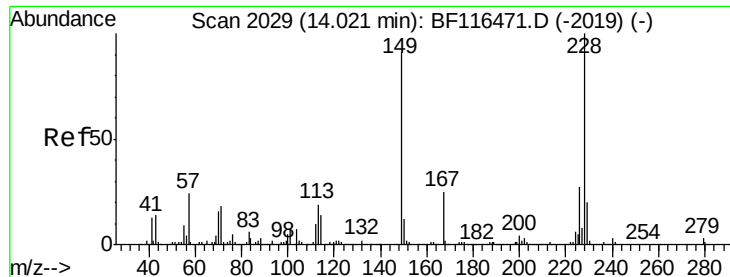


#80
 Butylbenzylphthalate
 Concen: 43.534 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BF116588.D
 Acq: 27 Aug 2019 17:05

Tgt Ion:149 Resp: 399598

Ion	Ratio	Lower	Upper
149	100		
91	73.8	54.9	82.3
206	19.8	16.6	24.8

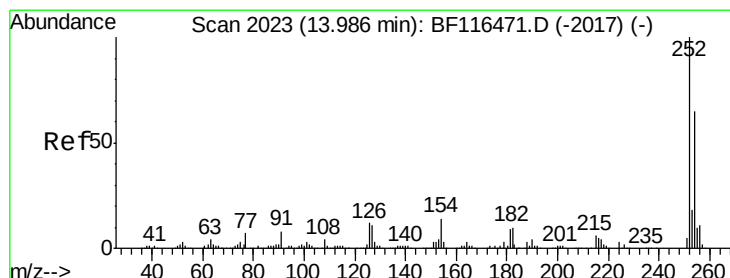
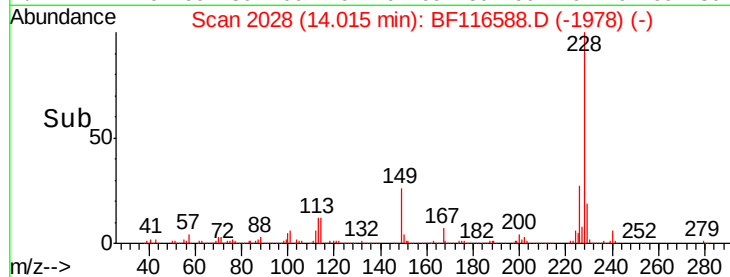
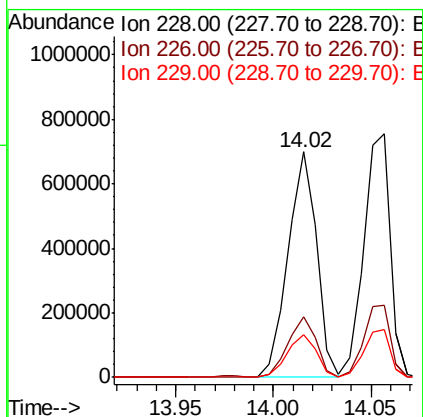
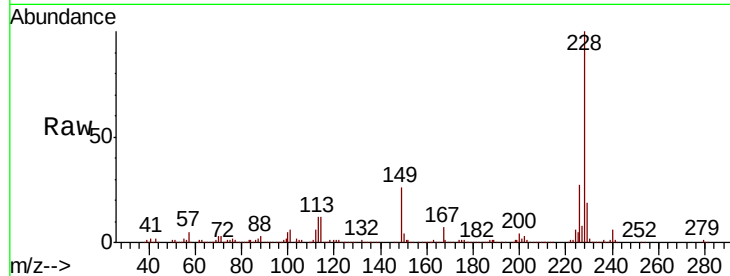




#81
Benzo(a)anthracene
Concen: 41.288 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

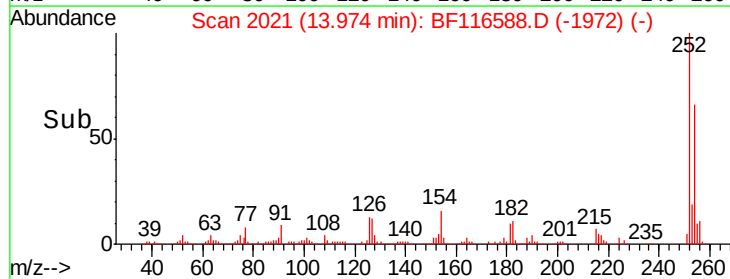
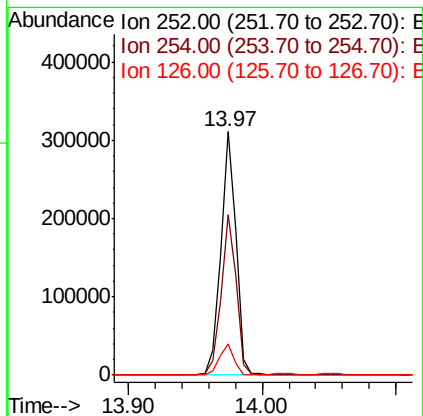
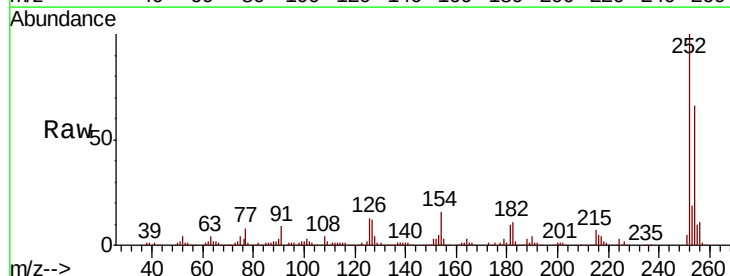
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

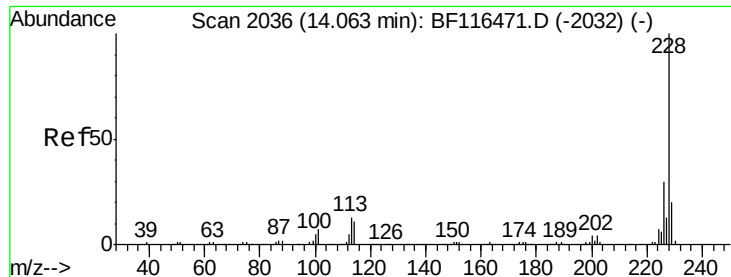
Tot Ion:228 Resp: 710709
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.6
229 19.0 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 40.720 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

Tgt Ion:252 Resp: 249782
Ion Ratio Lower Upper
252 100
254 65.8 51.9 77.9
126 12.9 9.4 14.0





#83

Chrysene

Concen: 40.534 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

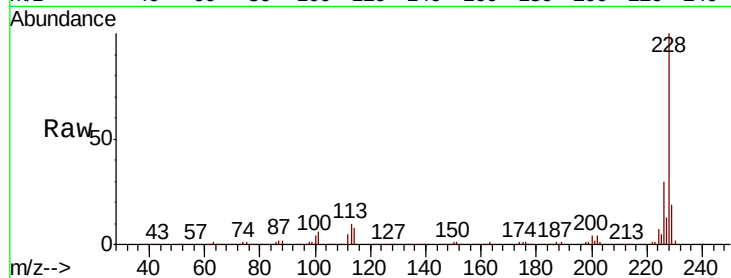
Tot Ion:228 Resp: 707191

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.2

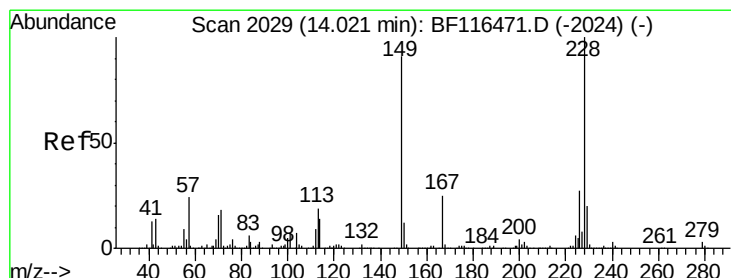
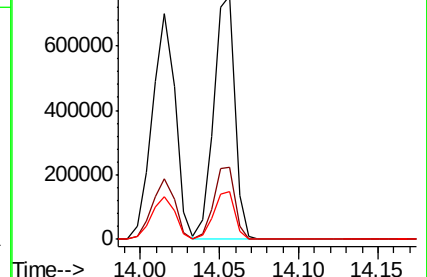
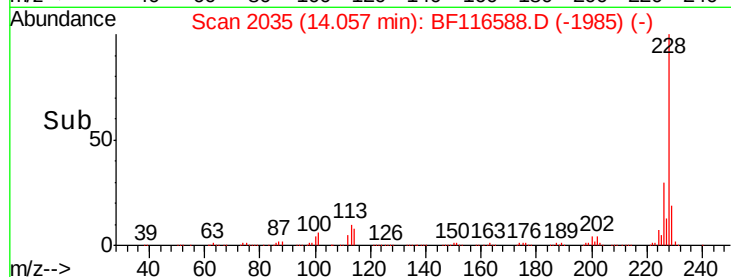
229 19.4 15.8 23.6



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: 42.427 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

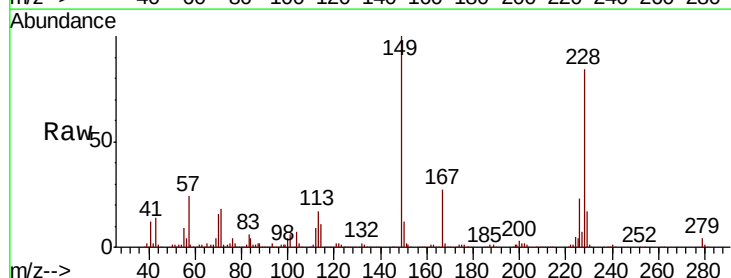
Tgt Ion:149 Resp: 519289

Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.6

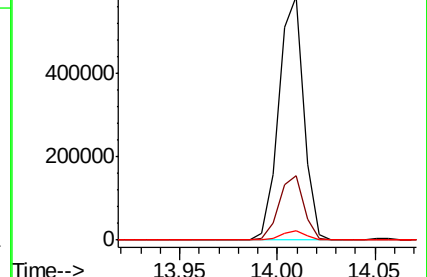
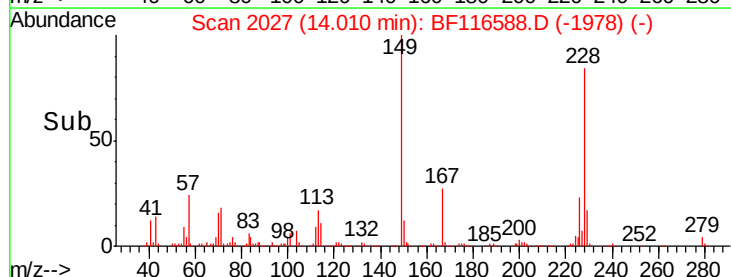
279 4.1 3.0 4.4

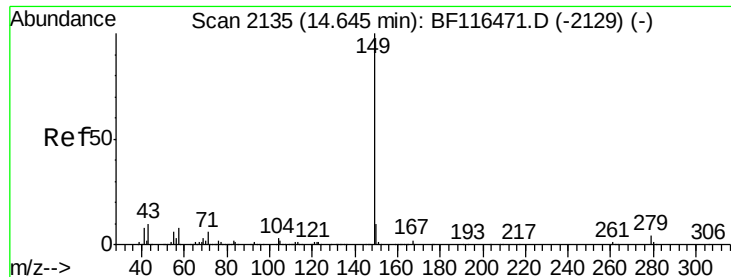


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

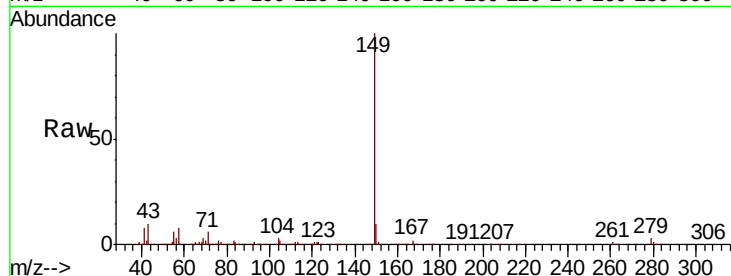




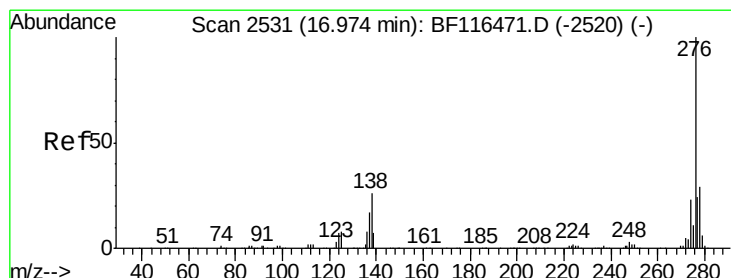
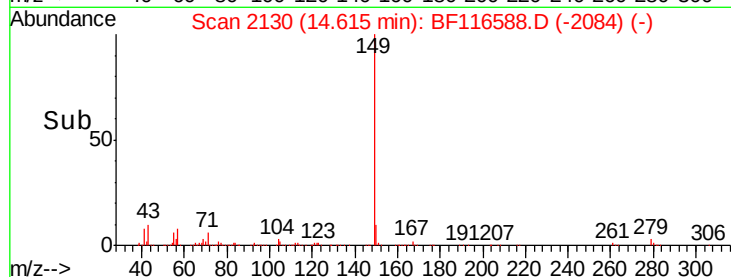
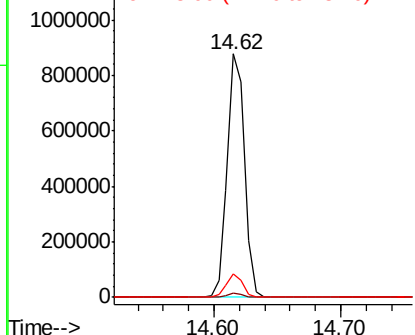
#85
Di-n-octyl phthalate
Concen: 39.802 ng
RT: 14.62 min Scan# 2130
Delta R.T. -0.03 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 827074
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.8 11.8

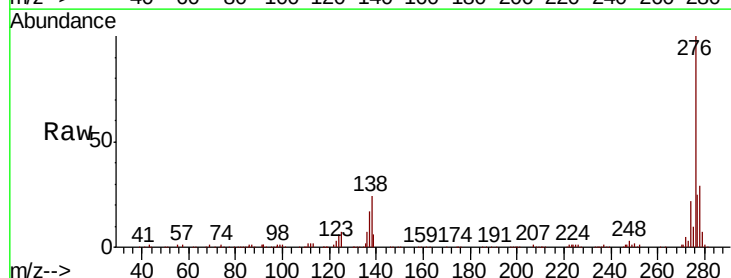


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

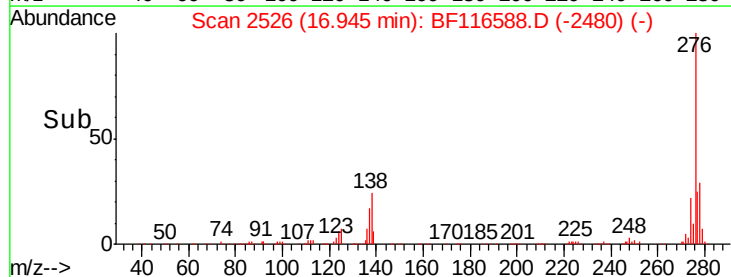
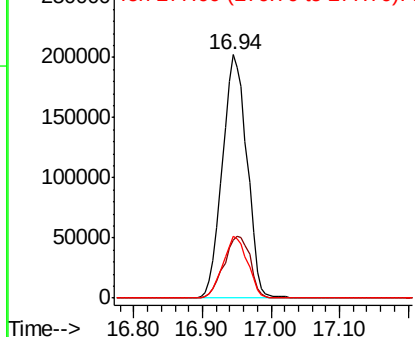


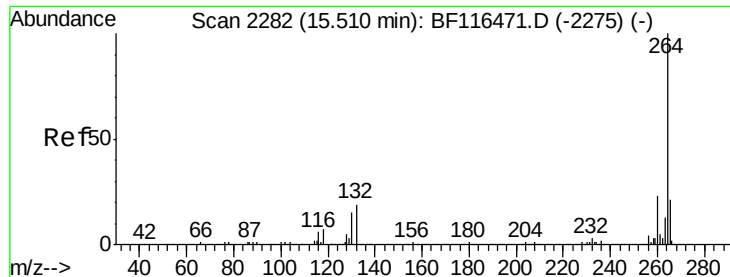
#86
Indeno(1,2,3-cd)pyrene
Concen: 33.635 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.03 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

Tgt Ion:276 Resp: 502678
Ion Ratio Lower Upper
276 100
138 27.0 22.9 34.3
277 25.4 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

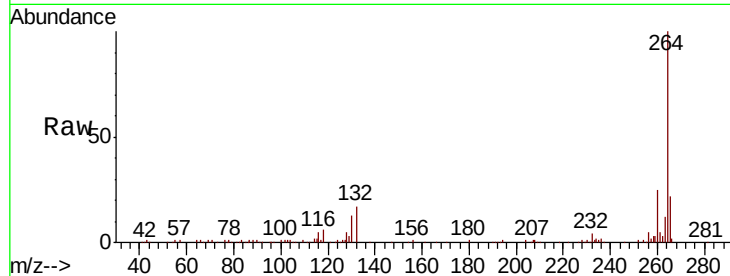




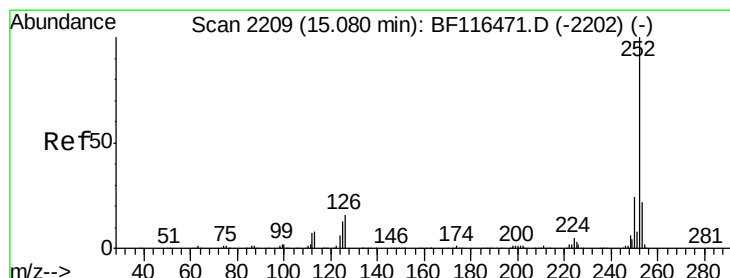
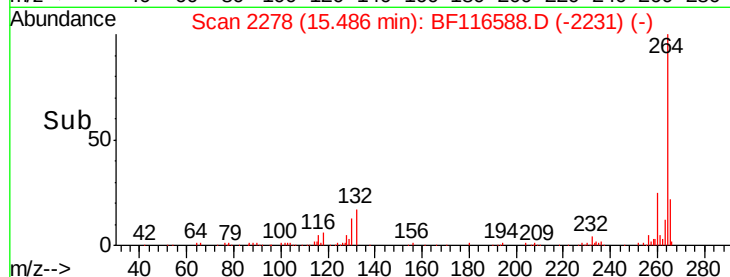
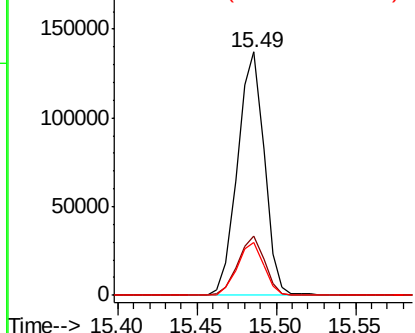
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 160593
Ion Ratio Lower Upper
264 100
260 24.6 18.8 28.2
265 21.6 17.1 25.7

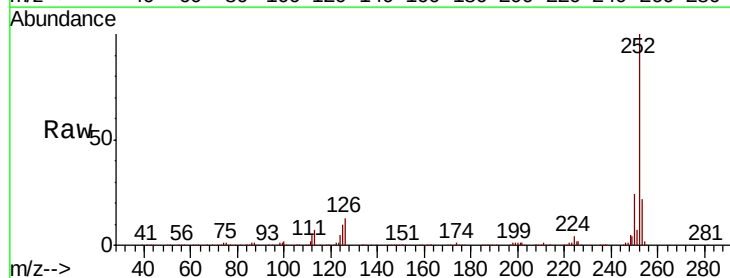


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

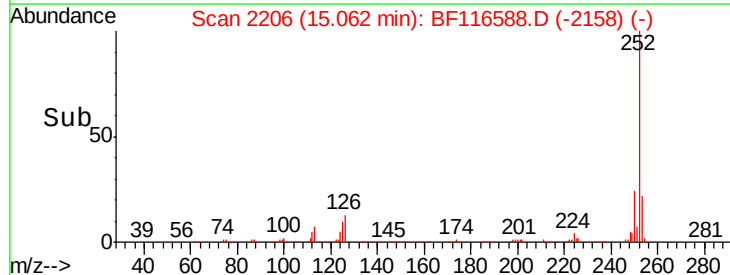
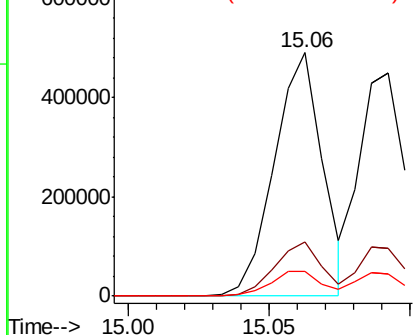


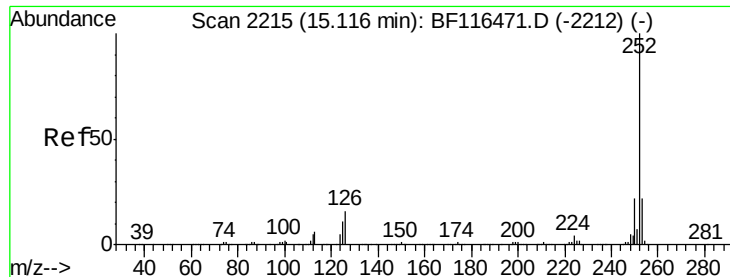
#88
Benzo(b)fluoranthene
Concen: 58.582 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

Tgt Ion:252 Resp: 581171
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.9 10.1 15.1#



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

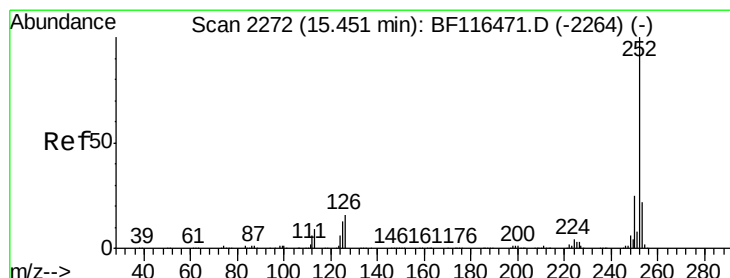
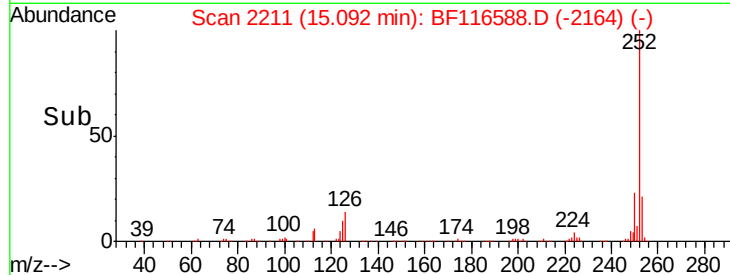
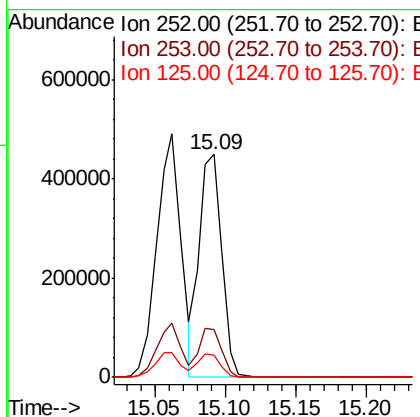
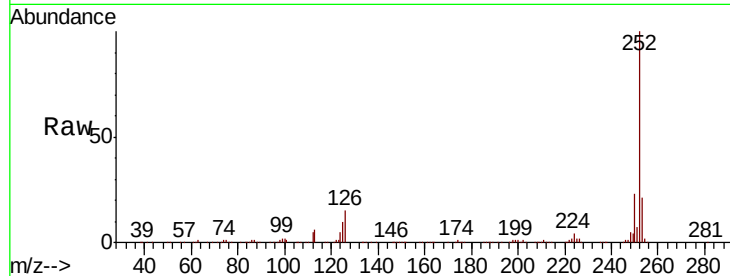




#89
Benzo(k)fluoranthene
Concen: 55.319 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.02 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

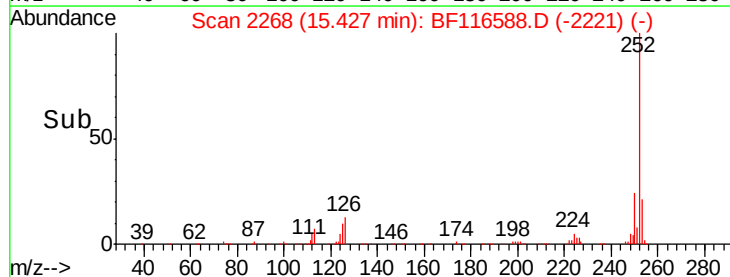
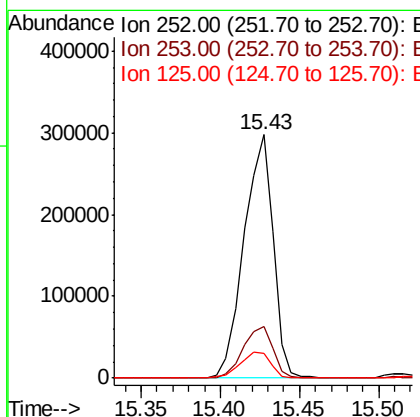
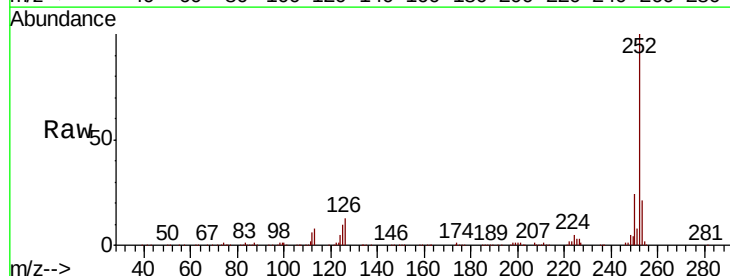
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

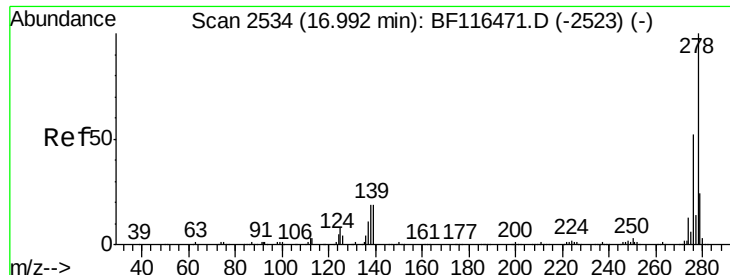
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	9.9	9.1	13.7



#90
Benzo(a)pyrene
Concen: 43.301 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF116588.D
Acq: 27 Aug 2019 17:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.2	25.8
125	10.4	10.2	15.4





#91

Dibenzo(a,h)anthracene

Concen: 57.493 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.02 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

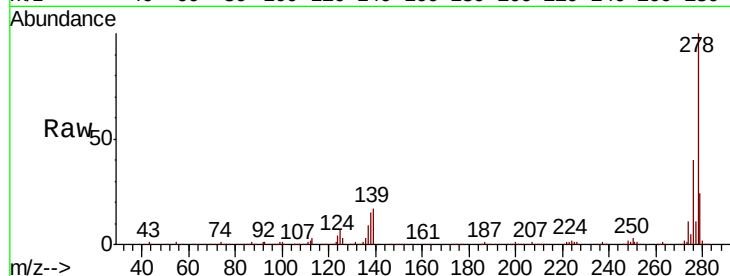
Tot Ion:278 Resp: 414221

Ion Ratio Lower Upper

278 100

139 16.7 15.3 22.9

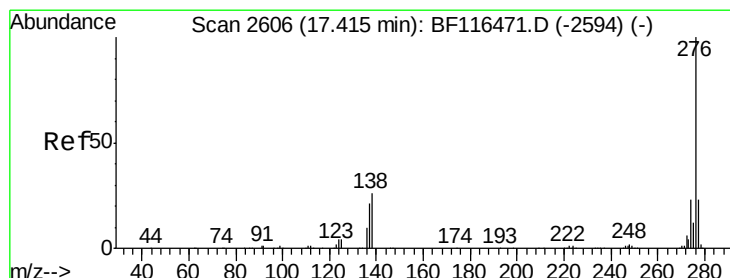
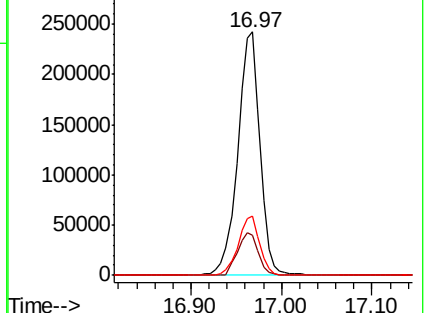
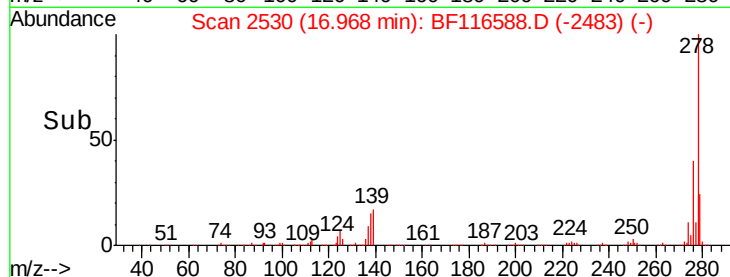
279 24.2 19.0 28.6



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: 57.333 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.02 min

Lab File: BF116588.D

Acq: 27 Aug 2019 17:05

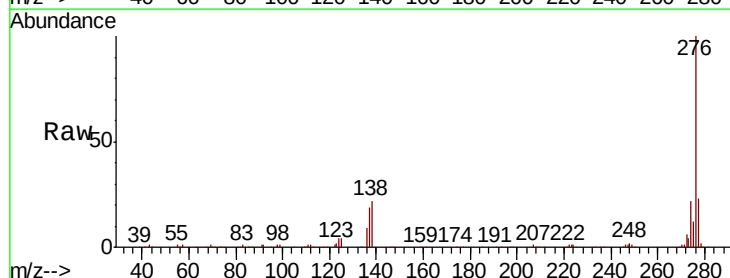
Tgt Ion:276 Resp: 393799

Ion Ratio Lower Upper

276 100

277 22.9 18.7 28.1

138 22.3 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

