

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051519\
 Data File : BF114289.D
 Acq On : 15 May 2019 17:21
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 15 23:27:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	264249	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1058895	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	486161	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	962358	20.00	ng	0.00
76) Chrysene-d12	14.02	240	647692	20.00	ng	0.00
87) Perylene-d12	15.49	264	574912	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1271909	77.46	ng	0.00
7) Phenol-d6	6.50	99	1593852	82.07	ng	0.00
23) Nitrobenzene-d5	7.42	82	1531398	81.16	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	379674	75.54	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2402527	74.75	ng	0.00
79) Terphenyl-d14	12.96	244	2427860	77.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	329410	36.497	ng	99
3) Pyridine	3.37	79	925692	37.225	ng	95
4) n-Nitrosodimethylamine	3.33	42	448162	37.372	ng	92
6) Aniline	6.52	93	1081312	38.544	ng	# 51
8) 2-Chlorophenol	6.65	128	725990	41.415	ng	95
9) Benzaldehyde	6.40	77	500637	36.822	ng	97
10) Phenol	6.52	94	901469	39.458	ng	# 73
11) bis(2-Chloroethyl)ether	6.59	93	737956	42.547	ng	98
12) 1,3-Dichlorobenzene	6.79	146	794212	40.362	ng	98
13) 1,4-Dichlorobenzene	6.87	146	798756	40.283	ng	97
14) 1,2-Dichlorobenzene	7.02	146	738784	40.782	ng	99
15) Benzyl Alcohol	7.00	79	608808	40.193	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1337996	39.785	ng	87
17) 2-Methylphenol	7.12	107	583751	40.538	ng	# 92
18) Hexachloroethane	7.36	117	298499	40.106	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	488329	39.669	ng	99
20) 3+4-Methylphenols	7.27	107	702556	42.227	ng	# 71
22) Acetophenone	7.26	105	954550	40.692	ng	# 91
24) Nitrobenzene	7.43	77	794102	41.322	ng	99
25) Isophorone	7.67	82	1413918	40.405	ng	100
26) 2-Nitrophenol	7.75	139	396911	42.570	ng	99
27) 2,4-Dimethylphenol	7.79	122	539305	36.829	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	918945	40.473	ng	99
29) 2,4-Dichlorophenol	8.00	162	587108	40.264	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	657637	39.662	ng	99
31) Naphthalene	8.16	128	1980437	40.039	ng	99
32) Benzoic acid	7.93	122	362220	36.637	ng	97
33) 4-Chloroaniline	8.20	127	940060	41.707	ng	99
34) Hexachlorobutadiene	8.27	225	366458	38.843	ng	98
35) Caprolactam	8.58	113	217722	45.791	ng	98
36) 4-Chloro-3-methylphenol	8.70	107	620957	42.307	ng	99
37) 2-Methylnaphthalene	8.85	142	1316271	41.246	ng	97
38) 1-Methylnaphthalene	8.95	142	1233201	41.034	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	594348	40.358	ng	100

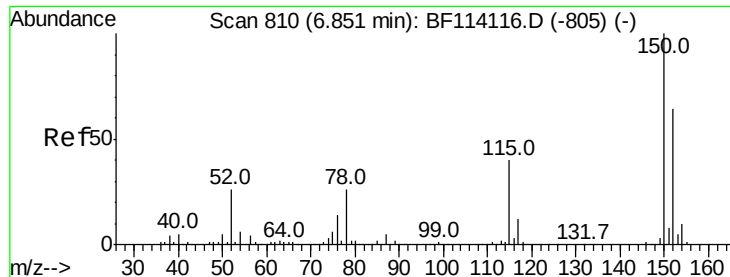
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051519\
 Data File : BF114289.D
 Acq On : 15 May 2019 17:21
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	226688	35.578	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	415586	41.027	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	424422	40.856	nq	95
46) 1,1'-Biphenyl	9.31	154	1576320	40.135	nq	99
47) 2-Chloronaphthalene	9.34	162	1273419	40.287	nq	97
48) 2-Nitroaniline	9.43	65	484856	43.253	nq	97
49) Acenaphthylene	9.75	152	1932504	40.198	nq	99
50) Dimethylphthalate	9.61	163	1477858	41.410	nq	100
51) 2,6-Dinitrotoluene	9.67	165	323264	40.838	nq	98
52) Acenaphthene	9.92	154	1143539	38.763	nq	99
53) 3-Nitroaniline	9.85	138	416915	42.429	nq	97
54) 2,4-Dinitrophenol	9.96	184	144426	39.971	nq	97
55) Dibenzofuran	10.09	168	1656696	38.298	nq	98
56) 4-Nitrophenol	10.02	139	270675	38.952	nq	98
57) 2,4-Dinitrotoluene	10.09	165	420128	39.104	nq	# 93
58) Fluorene	10.44	166	1320279	39.514	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	339067	37.828	nq	100
60) Diethylphthalate	10.30	149	1412580	38.955	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	653154	39.800	nq	96
62) 4-Nitroaniline	10.46	138	434267	42.058	nq	98
63) Azobenzene	10.59	77	1391582	39.646	nq	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	202971	43.893	nq	90
66) n-Nitrosodiphenylamine	10.54	169	1181104	40.438	nq	100
67) 4-Bromophenyl-phenylether	10.92	248	422181	39.843	nq	97
68) Hexachlorobenzene	10.99	284	460366	39.274	nq	97
69) Atrazine	11.07	200	356351	39.205	nq	97
70) Pentachlorophenol	11.19	266	233981	42.108	nq	97
71) Phenanthrene	11.40	178	1884108	40.242	nq	99
72) Anthracene	11.45	178	1905348	40.516	nq	99
73) Carbazole	11.61	167	1843455	41.108	nq	99
74) Di-n-butylphthalate	11.93	149	2158734	41.784	nq	99
75) Fluoranthene	12.59	202	2011855	39.903	nq	97
77) Benzidine	12.70	184	800238	27.524	nq	97
78) Pyrene	12.82	202	2056464	39.469	nq	99
80) Butylbenzylphthalate	13.43	149	950823	43.355	nq	99
81) Benzo(a)anthracene	14.01	228	1768408	42.213	nq	100
82) 3,3'-Dichlorobenzidine	13.97	252	674659	41.514	nq	100
83) Chrysene	14.04	228	1667920	40.615	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1263806	44.062	nq	99
85) Di-n-octyl phthalate	14.60	149	2050478	44.100	nq	100
86) Indeno(1,2,3-cd)pyrene	16.98	276	1392412	38.365	nq	99
88) Benzo(b)fluoranthene	15.07	252	1576714	42.808	nq	100
89) Benzo(k)fluoranthene	15.10	252	1510417	44.642	nq	100
90) Benzo(a)pyrene	15.43	252	1405355	43.355	nq	98
91) Dibenzo(a,h)anthracene	16.99	278	1127783	41.870	nq	99
92) Benzo(g,h,i)perylene	17.43	276	1160695	42.999	nq	99

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

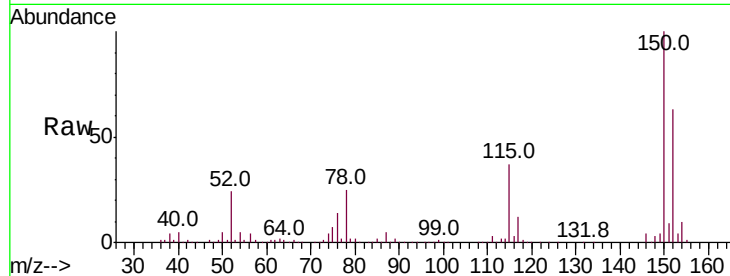


#1

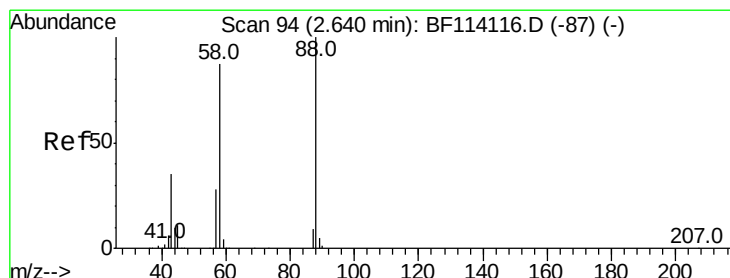
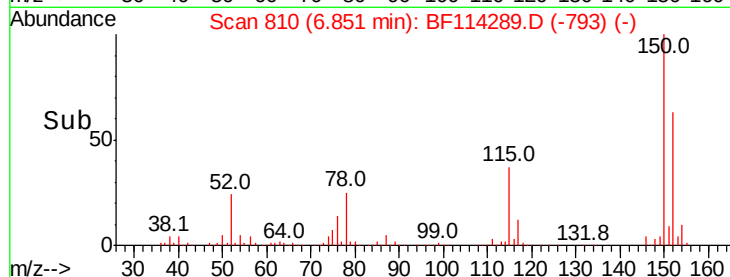
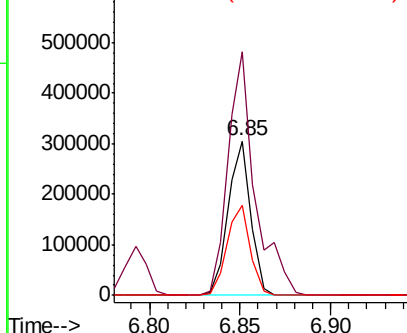
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 264249
Ion Ratio Lower Upper
152 100
150 157.6 124.3 186.5
115 58.3 49.1 73.7



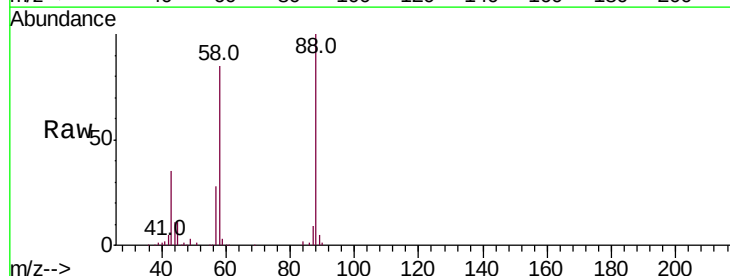
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



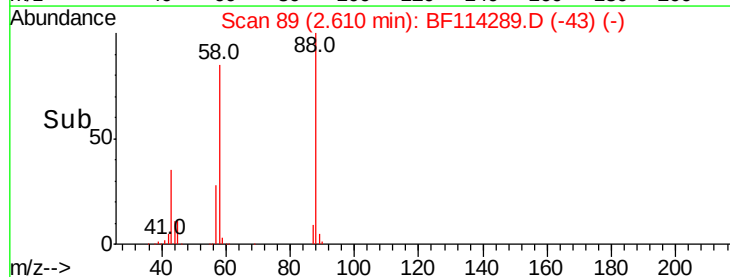
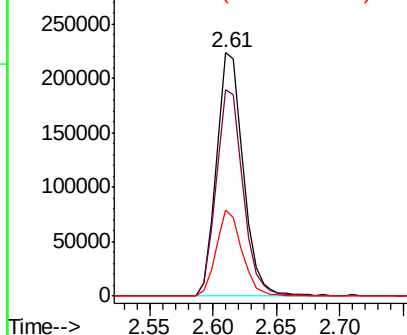
#2

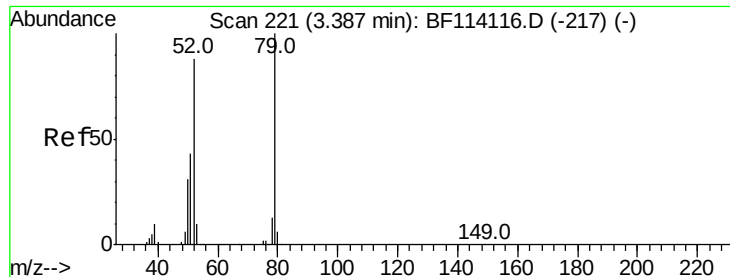
1,4-Dioxane
Concen: 36.497 ng
RT: 2.61 min Scan# 89
Delta R.T. -0.03 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

Tgt Ion: 88 Resp: 329410
Ion Ratio Lower Upper
88 100
58 85.2 68.7 103.1
43 33.6 28.2 42.2



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





#3

Pvridine

Concen: 37.225 ng

RT: 3.37 min Scan# 218

Delta R.T. -0.02 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

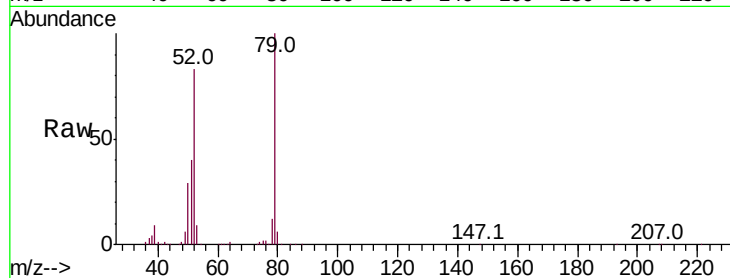
Tot Ion: 79 Resp: 925692

Ion Ratio Lower Upper

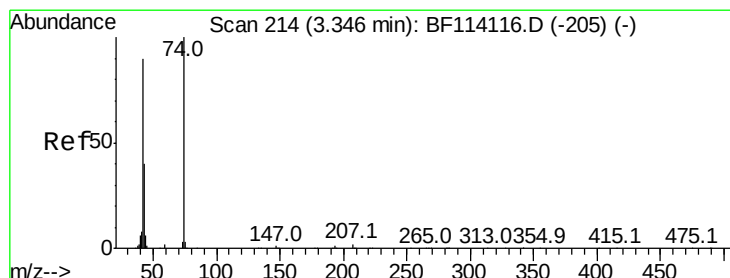
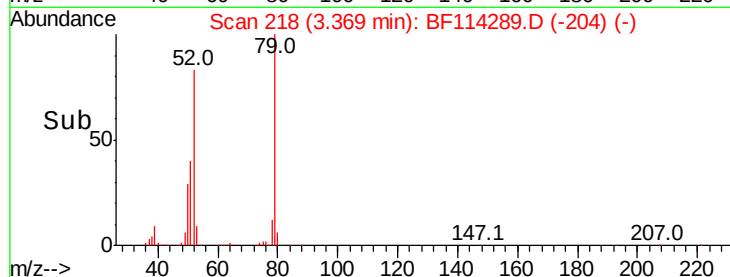
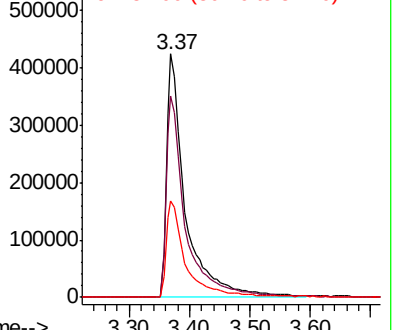
79 100

52 82.9 70.6 105.8

51 39.8 34.2 51.2



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: 37.372 ng

RT: 3.33 min Scan# 211

Delta R.T. -0.02 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

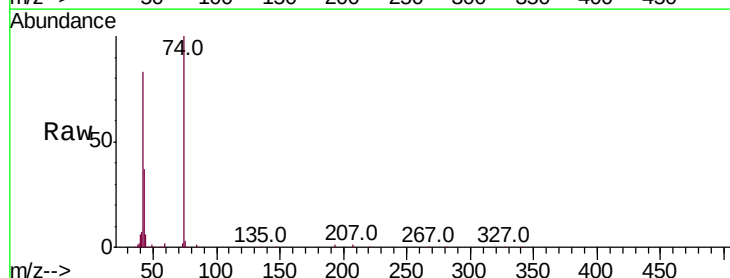
Tgt Ion: 42 Resp: 448162

Ion Ratio Lower Upper

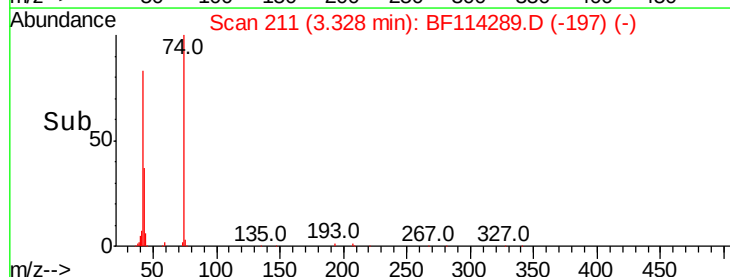
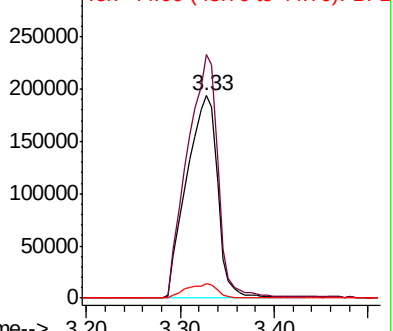
42 100

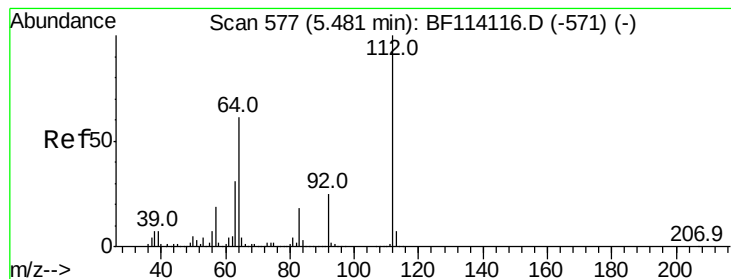
74 120.2 88.6 132.8

44 7.2 5.5 8.3



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: 77.459 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

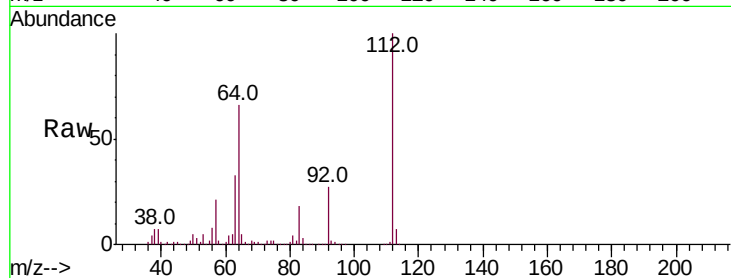
Tot Ion:112 Resp: 1271909

Ion Ratio Lower Upper

112 100

64 65.5 49.0 73.6

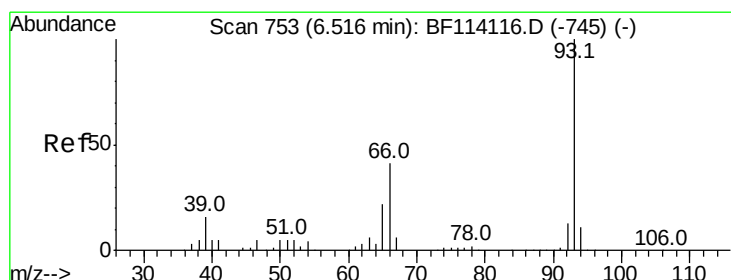
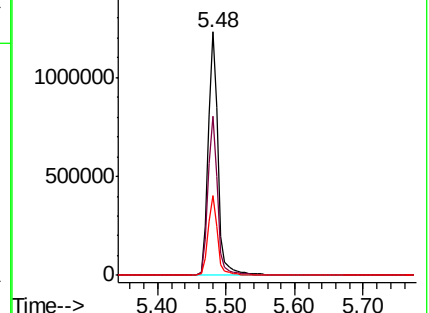
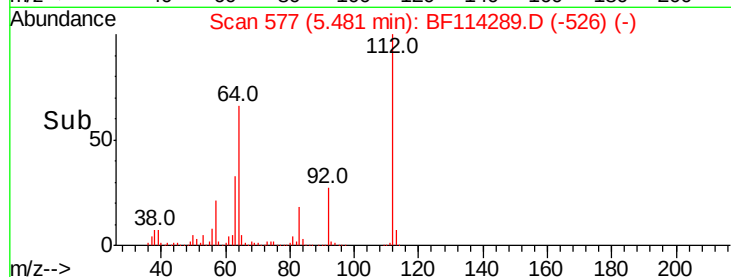
63 32.8 24.6 37.0



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: 38.544 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

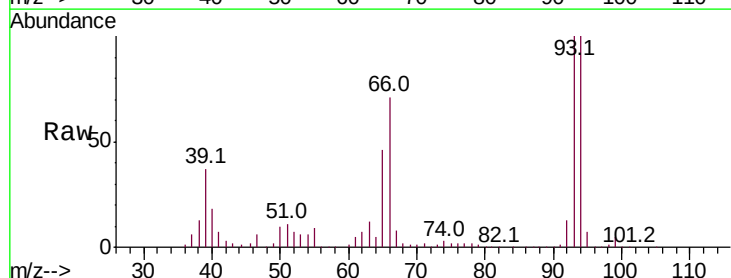
Tgt Ion: 93 Resp: 1081312

Ion Ratio Lower Upper

93 100

66 71.3 33.2 49.8#

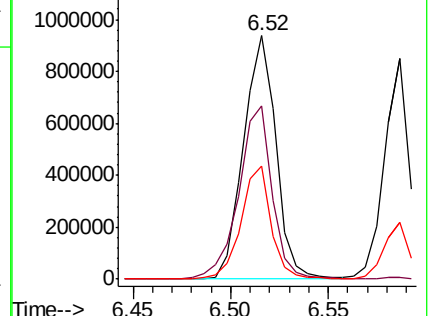
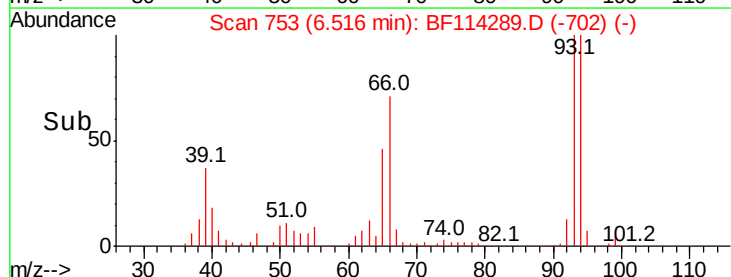
65 46.4 17.6 26.4#

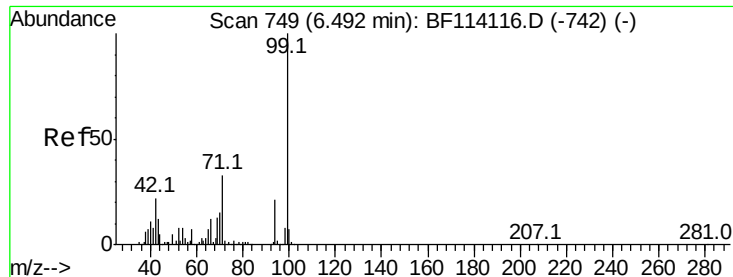


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.068 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

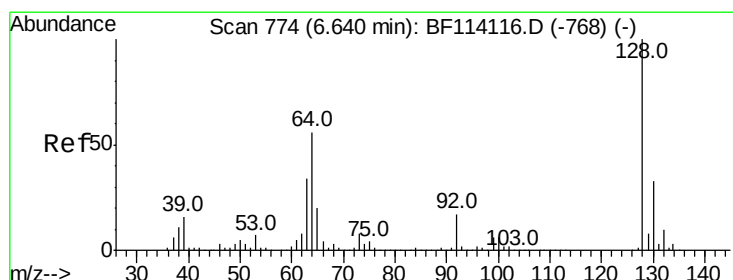
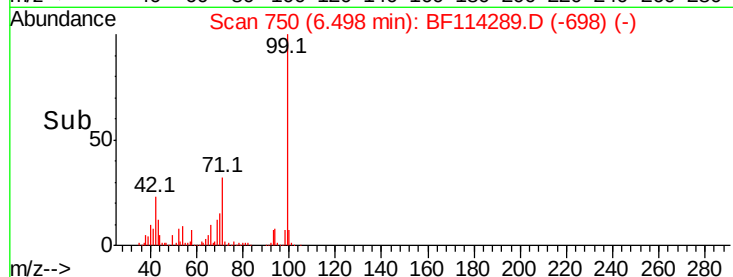
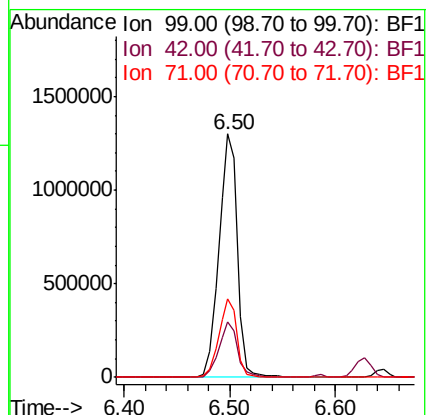
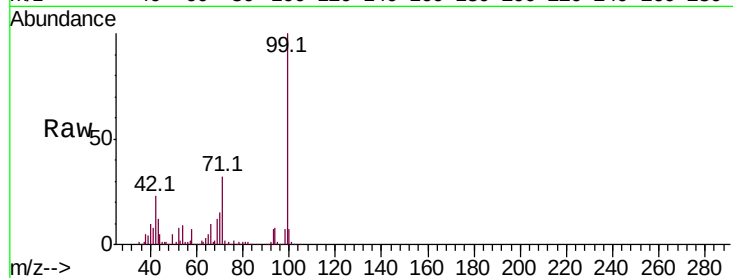
Tot Ion: 99 Resp: 1593852

Ion Ratio Lower Upper

99 100

42 22.7 17.9 26.9

71 32.0 26.2 39.2



#8

2-Chlorophenol

Concen: 41.415 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

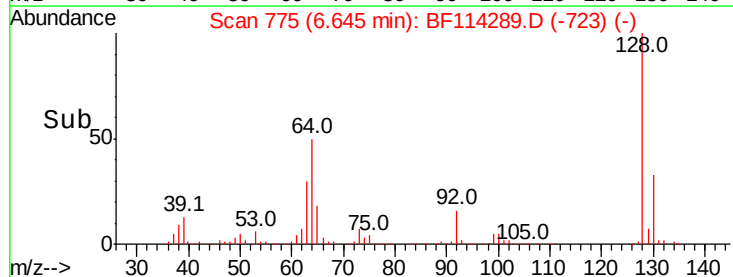
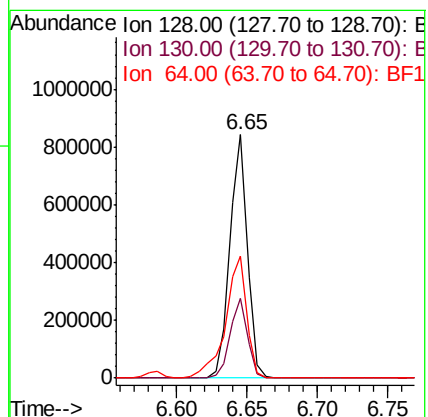
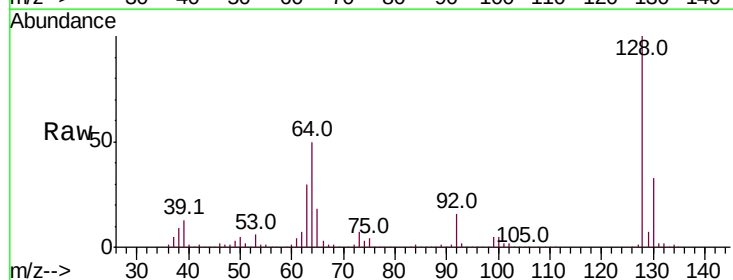
Tgt Ion: 128 Resp: 725990

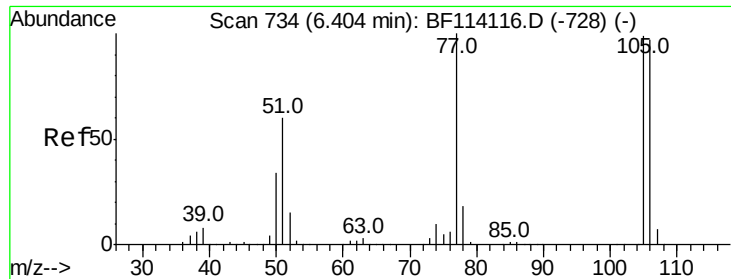
Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

64 50.0 35.9 75.9





#9

Benzaldehyde

Concen: 36.822 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

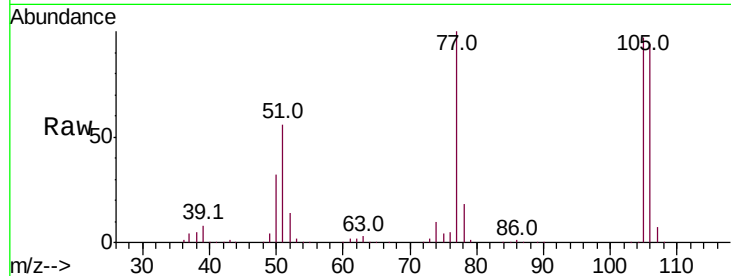
Tot Ion: 77 Resp: 500637

Ion Ratio Lower Upper

77 100

105 96.7 79.3 119.3

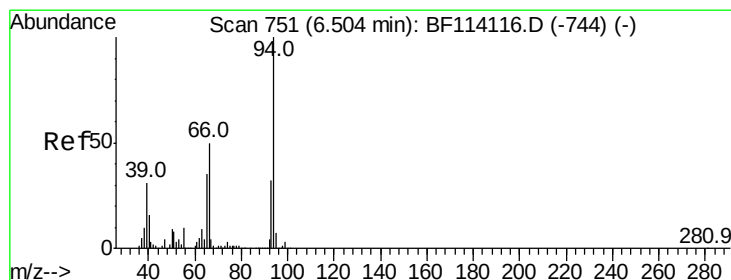
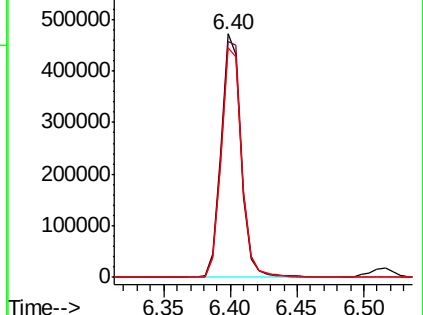
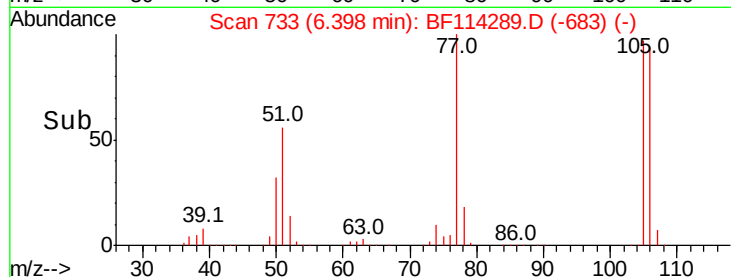
106 94.1 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.458 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

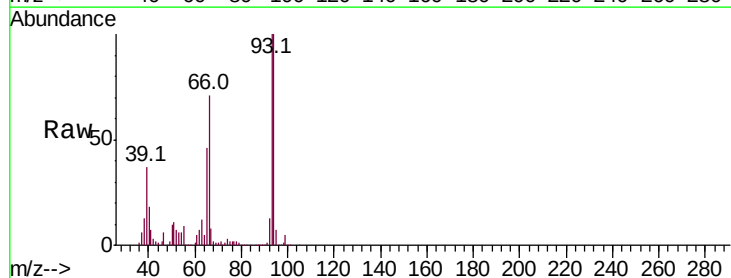
Tgt Ion: 94 Resp: 901469

Ion Ratio Lower Upper

94 100

65 46.2 14.7 54.7

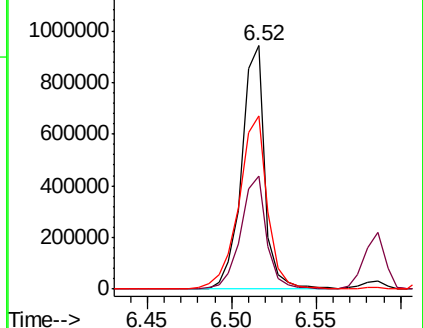
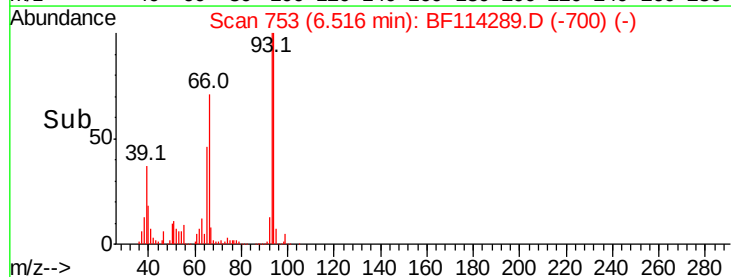
66 71.0 29.6 69.6#

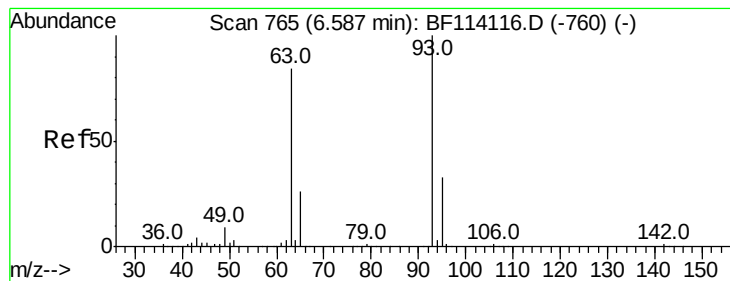


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.547 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

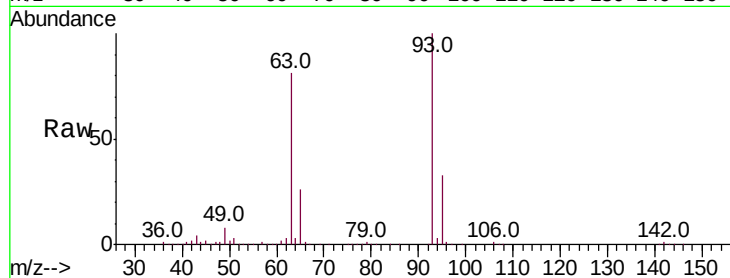
Tot Ion: 93 Resp: 737956

Ion Ratio Lower Upper

93 100

63 81.3 63.6 103.6

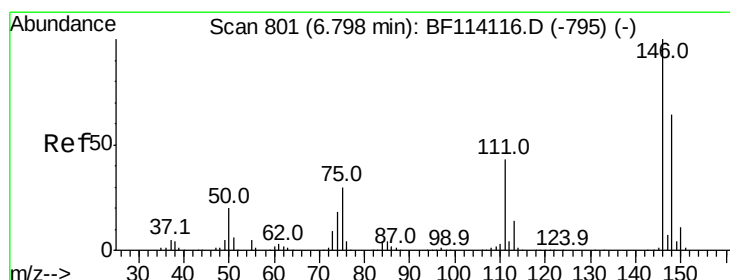
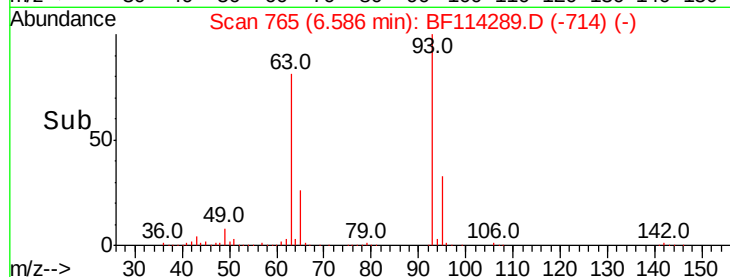
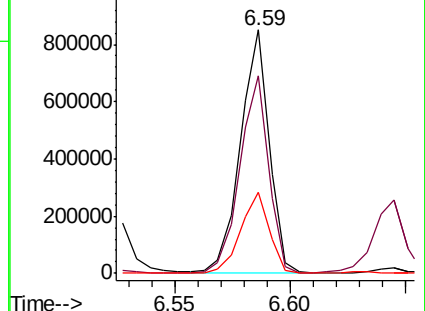
95 33.2 13.1 53.1



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.362 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

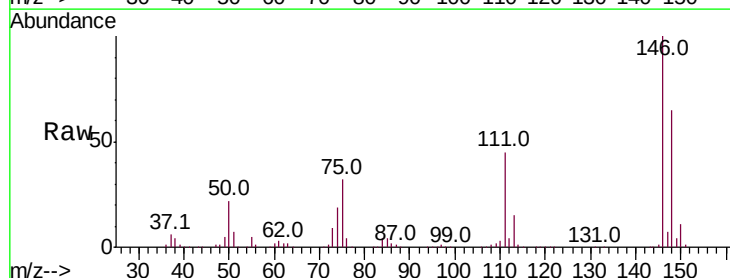
Tgt Ion: 146 Resp: 794212

Ion Ratio Lower Upper

146 100

148 65.2 51.6 77.4

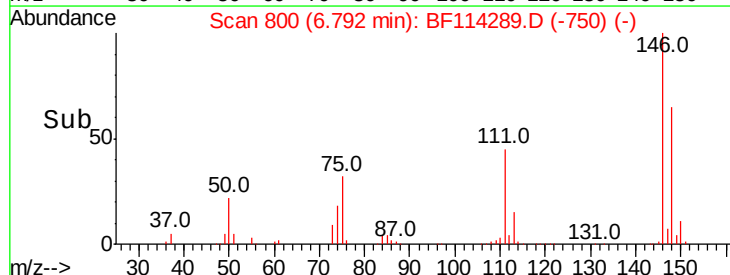
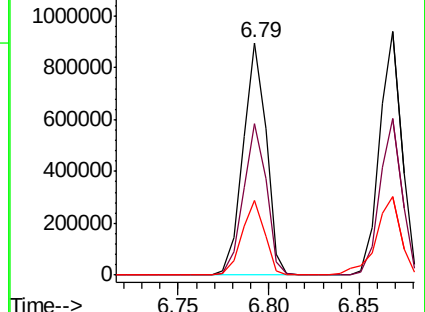
75 32.2 24.2 36.2

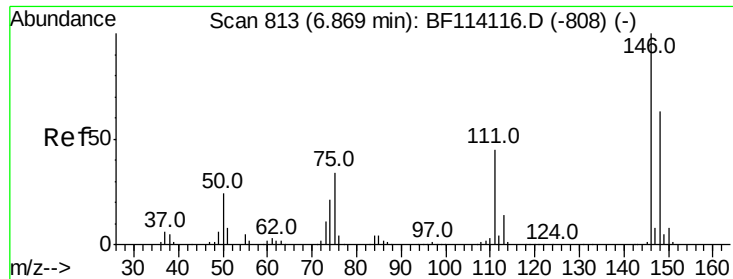


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

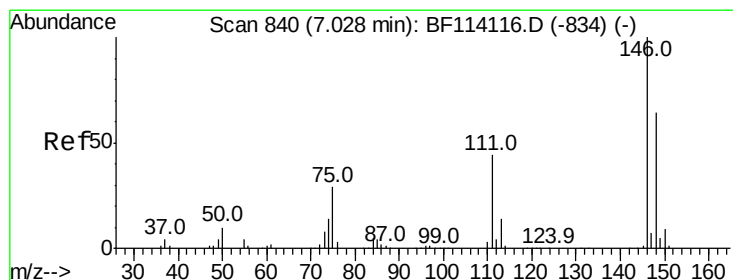
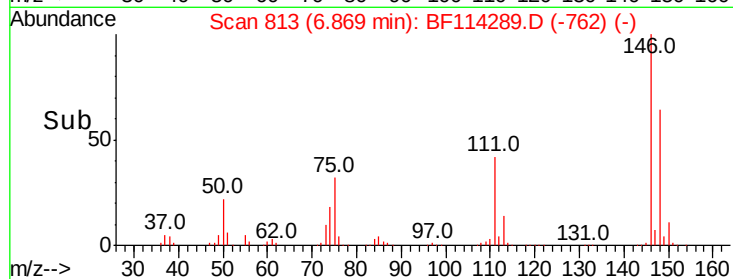
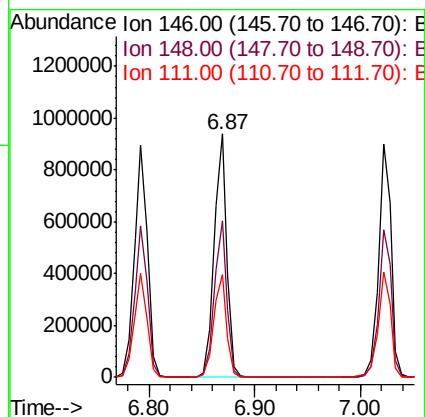
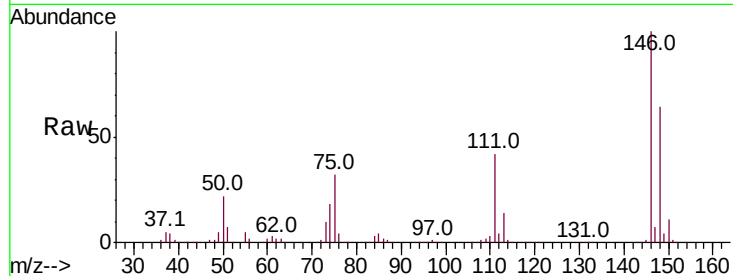




#13
 1,4-Dichlorobenzene
 Concen: 40.283 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF114289.D
 Acq: 15 May 2019 17:21

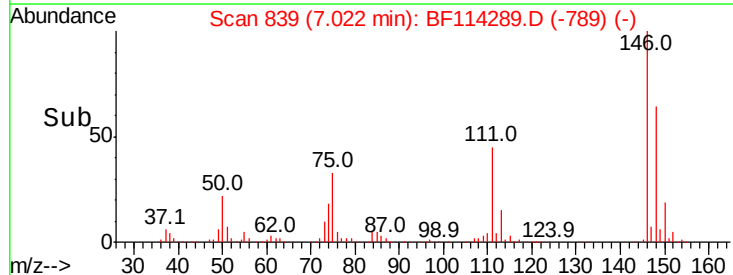
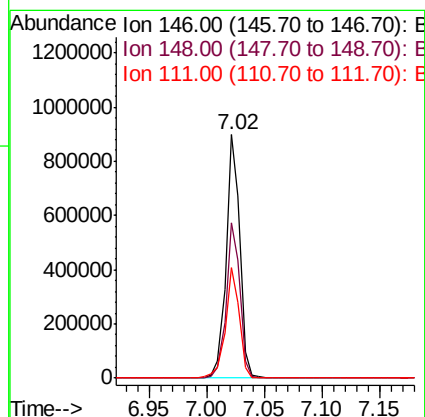
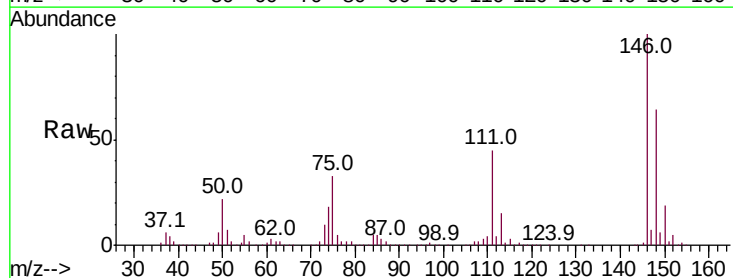
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

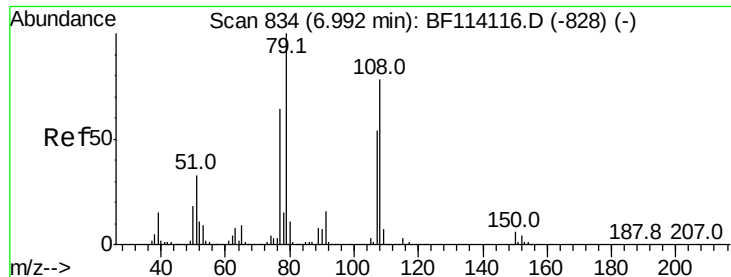
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.2	75.2
111	42.1	35.8	53.6



#14
 1,2-Dichlorobenzene
 Concen: 40.782 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF114289.D
 Acq: 15 May 2019 17:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.1	76.7
111	45.3	35.3	52.9

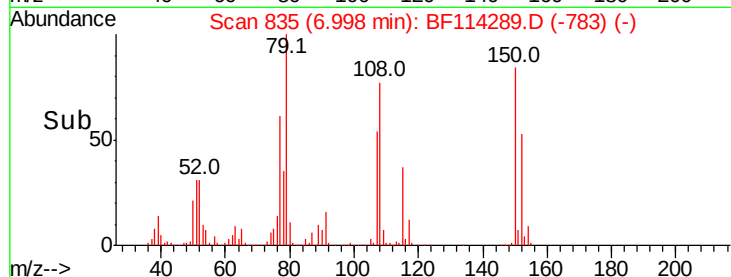
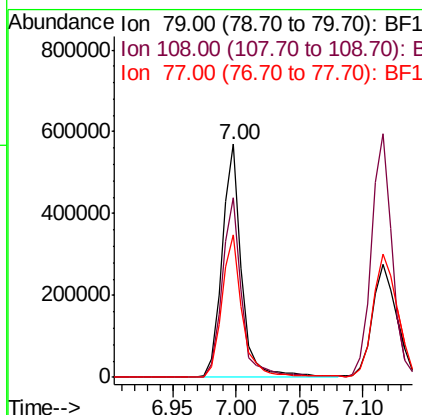
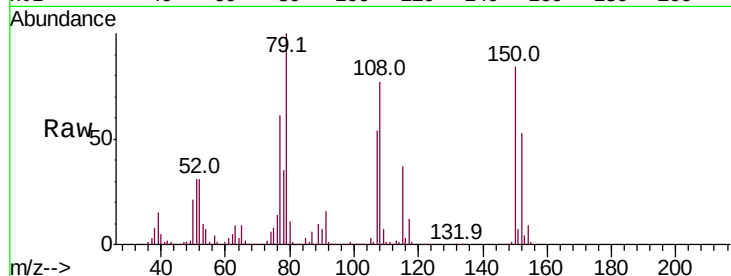




#15
Benzyl Alcohol
Concen: 40.193 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

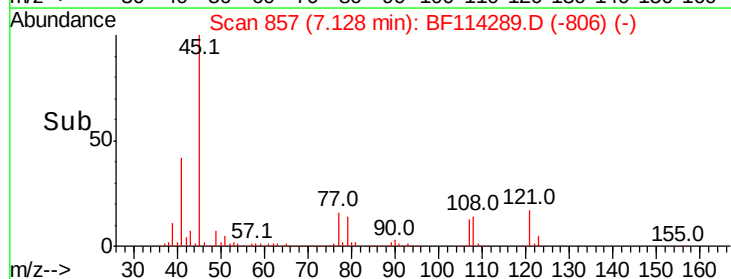
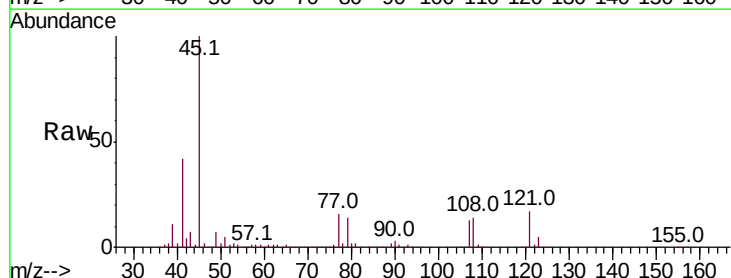
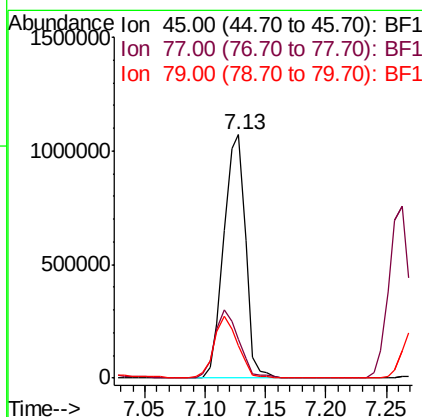
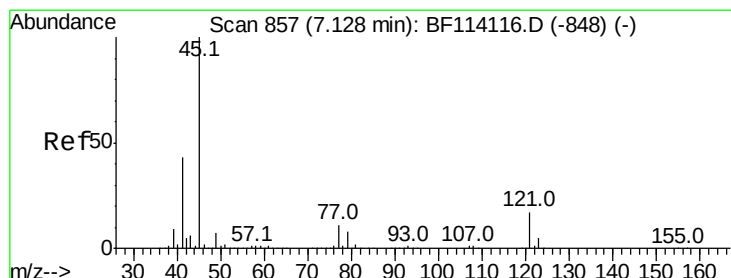
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

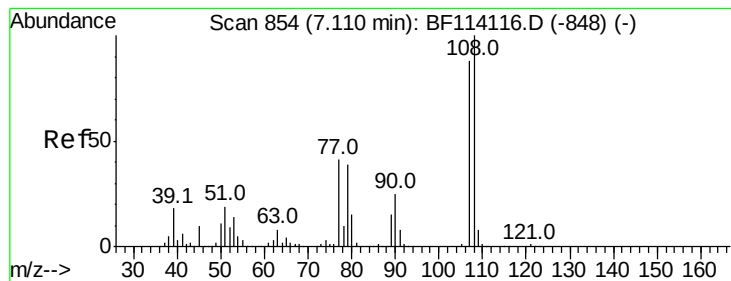
Tot Ion: 79 Resp: 608808
Ion Ratio Lower Upper
79 100
108 77.4 62.1 93.1
77 61.3 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.785 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

Tgt Ion: 45 Resp: 1337996
Ion Ratio Lower Upper
45 100
77 15.9 0.0 31.1
79 13.5 0.0 28.4

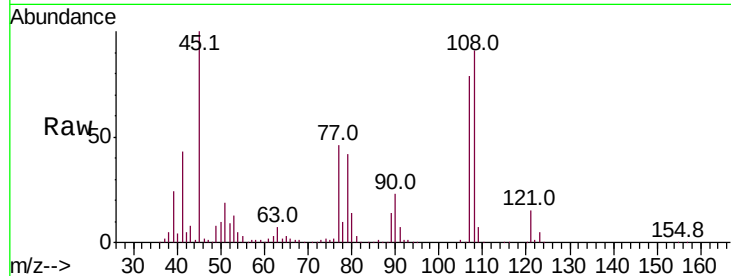




#17
2-Methylphenol
Concen: 40.538 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.2	90.5	135.7
77	58.5	37.0	55.4
79	53.2	35.8	53.8



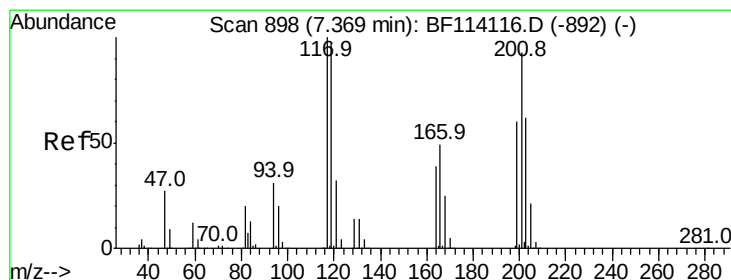
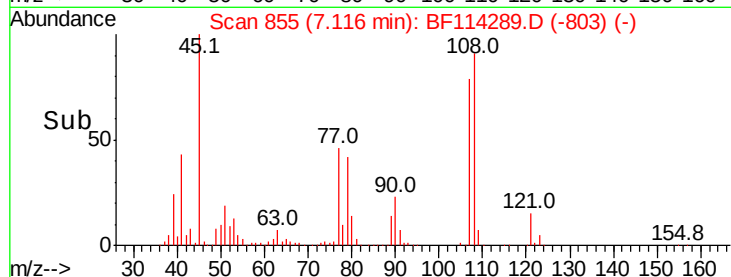
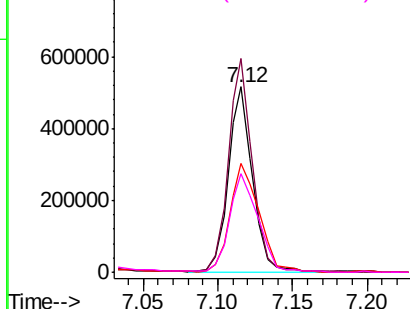
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

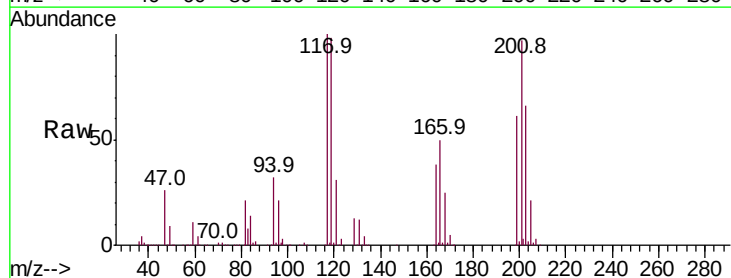
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.106 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.4	116.2
201	96.7	74.5	111.7

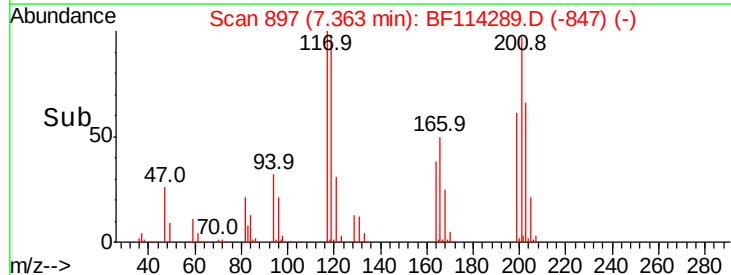
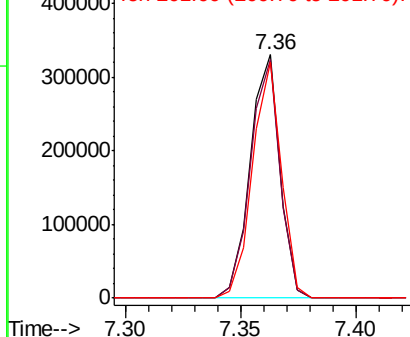


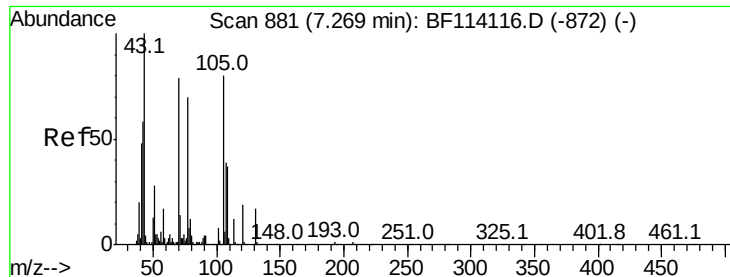
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

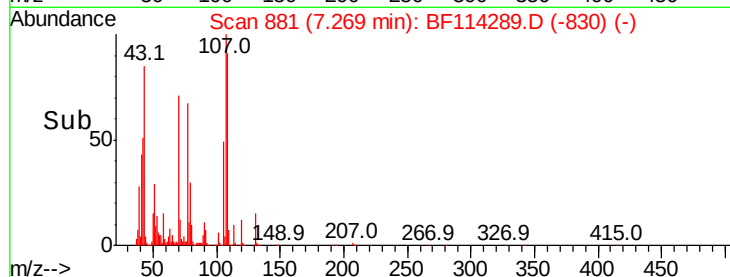
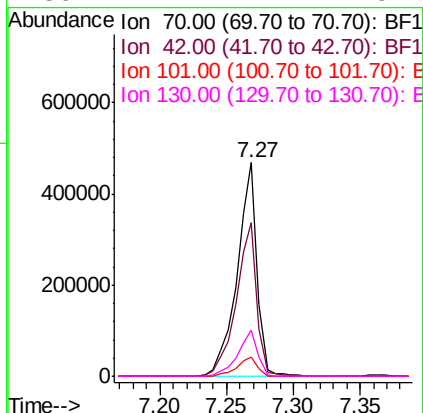
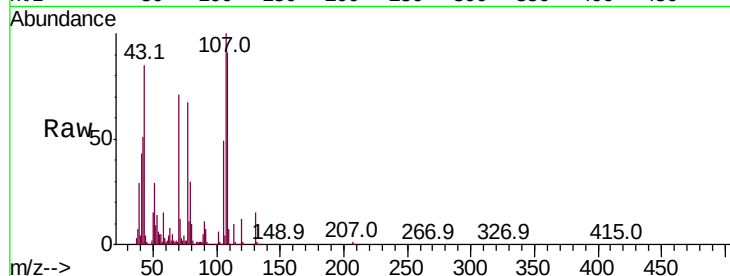




#19
n-Nitroso-di-n-propylamine
Concen: 39.669 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

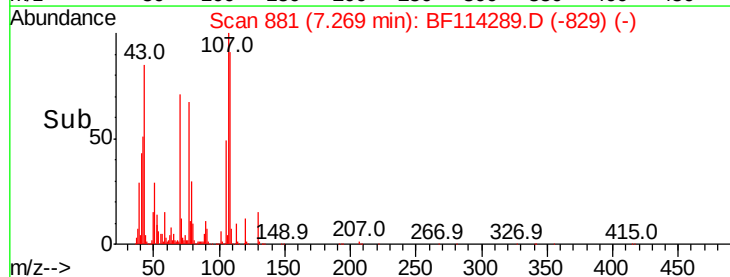
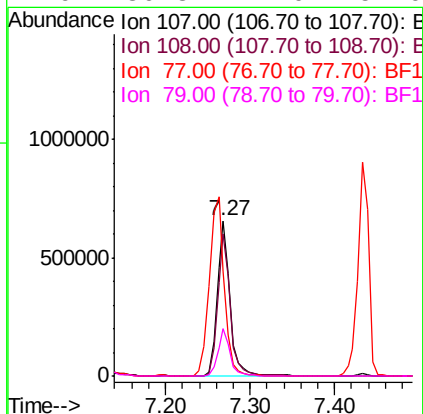
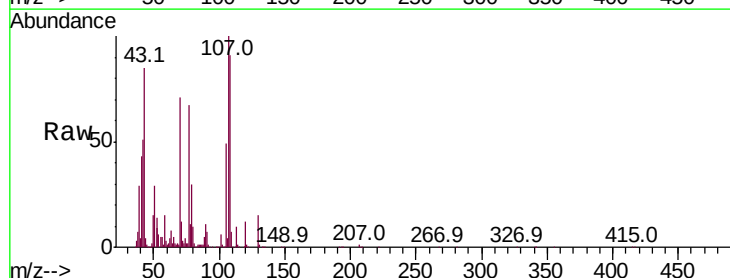
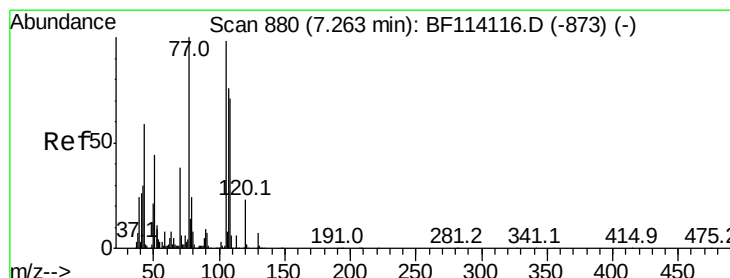
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

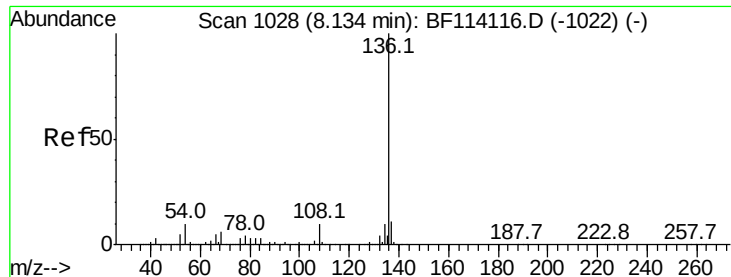
Tot Ion: 70 Resp: 488329
Ion Ratio Lower Upper
70 100
42 71.8 58.6 87.8
101 9.0 7.8 11.8
130 21.7 17.1 25.7



#20
3+4-Methylphenols
Concen: 42.227 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

Tgt Ion:107 Resp: 702556
Ion Ratio Lower Upper
107 100
108 91.4 73.8 113.8
77 67.3 111.5 151.5#
79 30.3 12.0 52.0

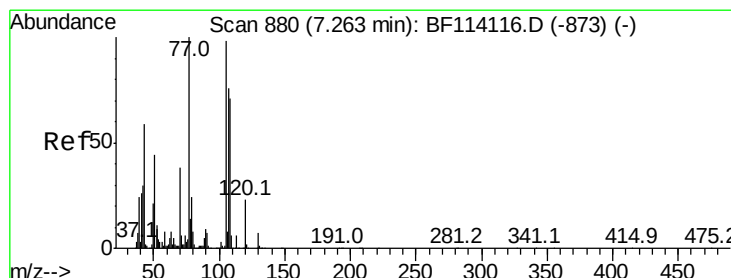
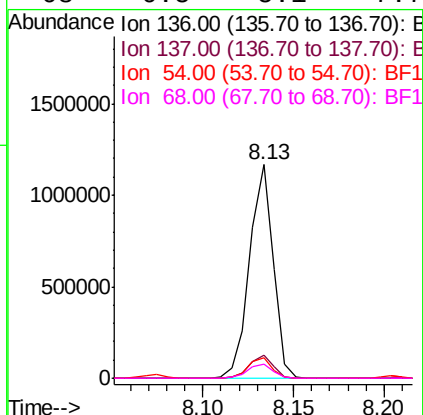
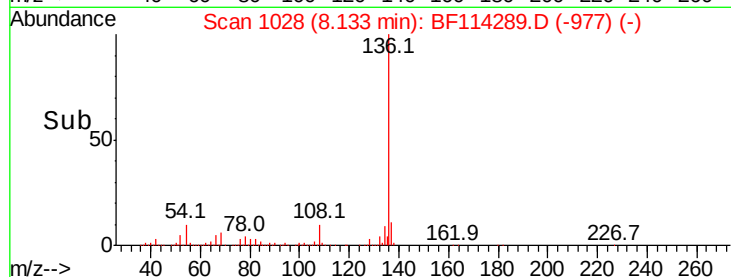
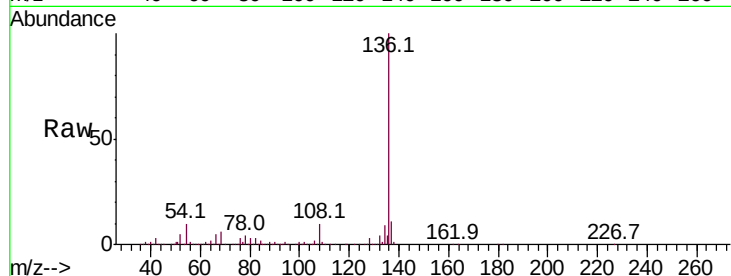




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

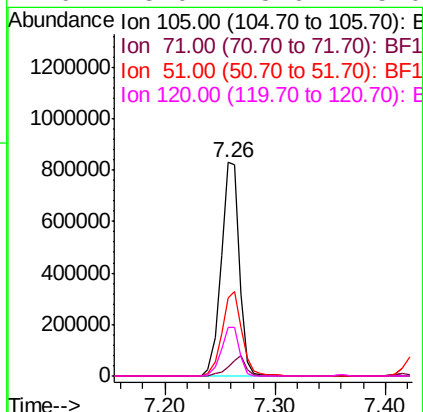
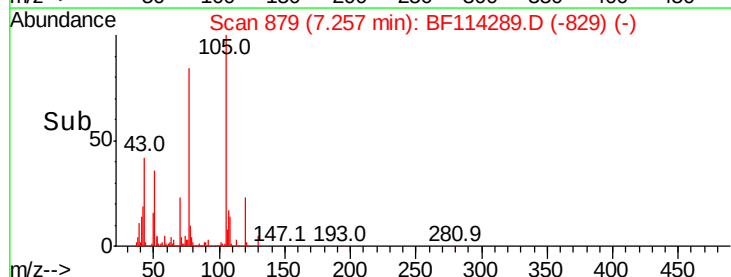
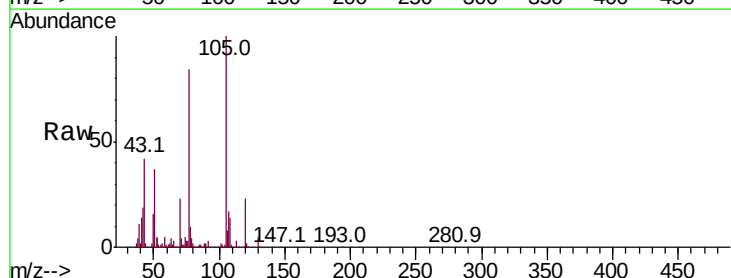
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

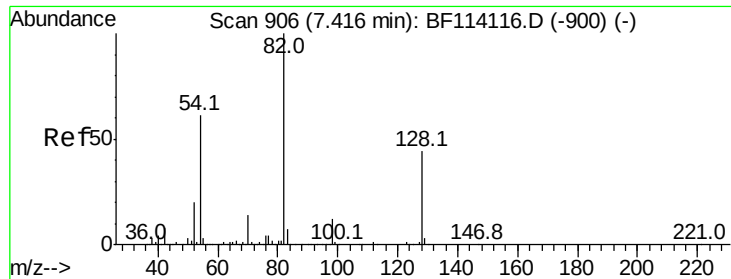
Tot Ion:136	Resp: 1058895
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 9.7	7.8 11.8
68 6.5	5.1 7.7



#22
Acetophenone
Concen: 40.692 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

Tgt	Ion:105	Resp:	954550
Ion	Ratio	Lower	Upper
105	100		
71	4.0	5.3	7.9#
51	36.5	36.2	54.4
120	23.0	18.6	28.0

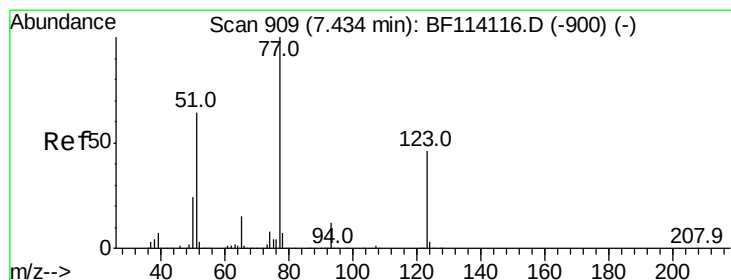
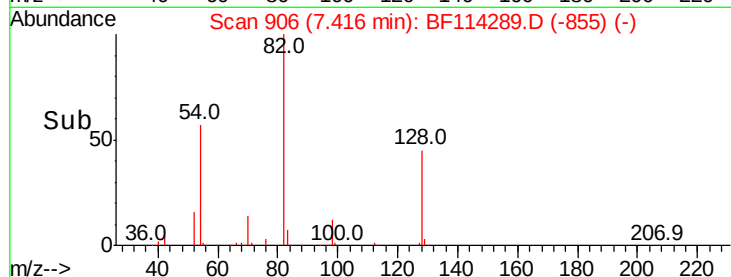
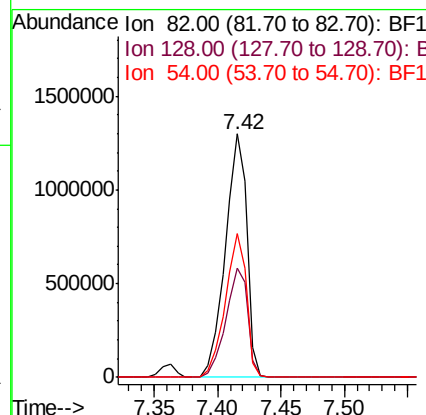
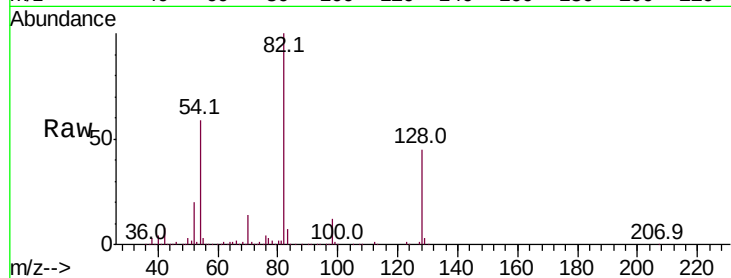




#23
 Nitrobenzene-d5
 Concen: 81.162 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF114289.D
 Acq: 15 May 2019 17:21

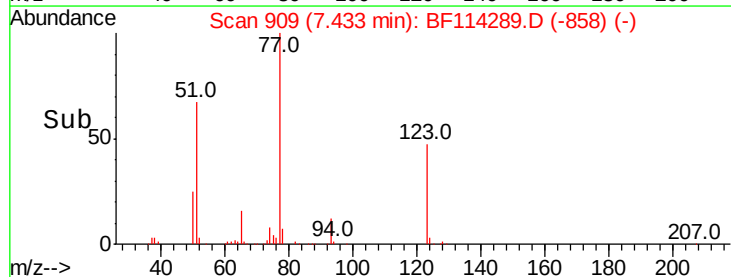
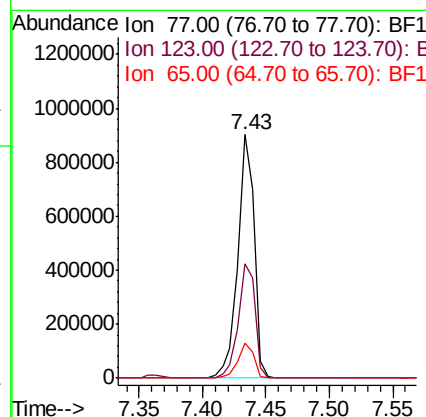
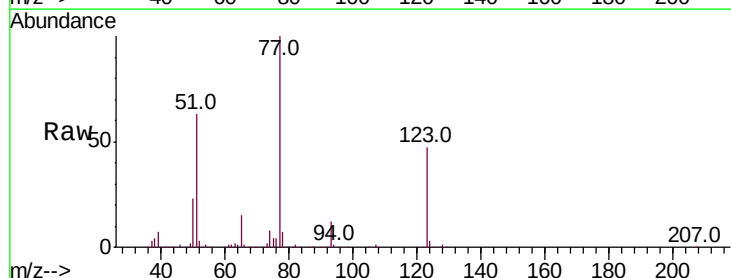
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

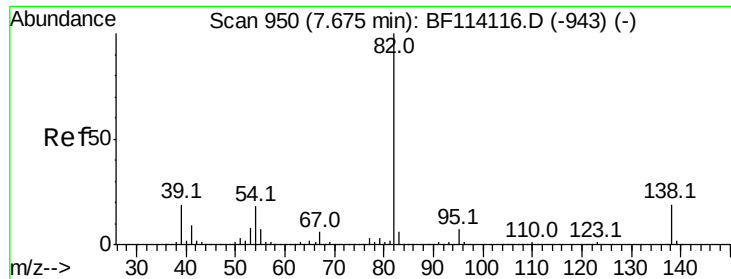
Tot Ion: 82 Resp: 1531398
 Ion Ratio Lower Upper
 82 100
 128 45.0 35.5 53.3
 54 59.3 48.5 72.7



#24
 Nitrobenzene
 Concen: 41.322 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF114289.D
 Acq: 15 May 2019 17:21

Tgt Ion: 77 Resp: 794102
 Ion Ratio Lower Upper
 77 100
 123 46.8 36.9 55.3
 65 14.6 11.8 17.6





#25

Isophorone

Concen: 40.405 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

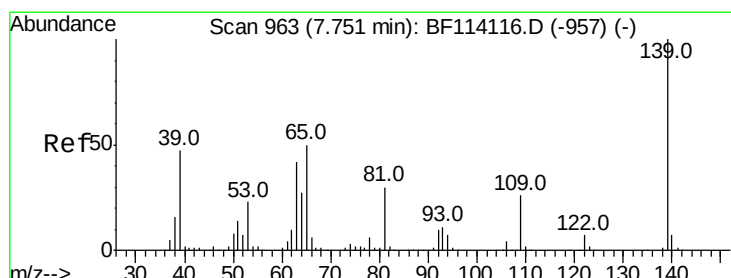
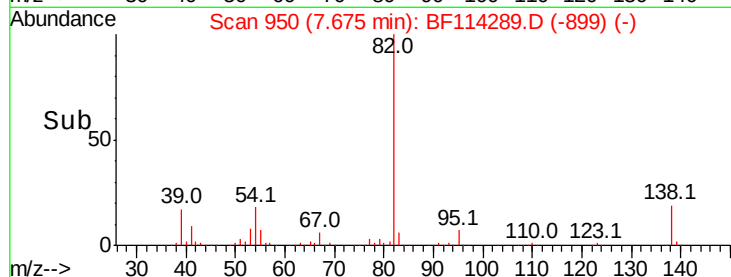
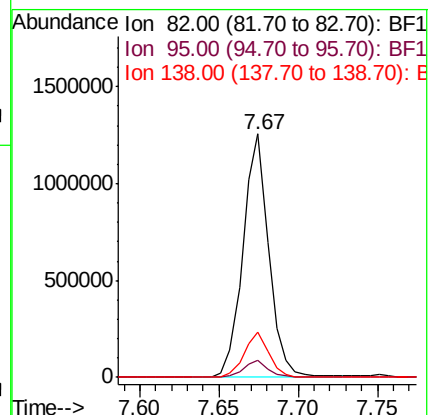
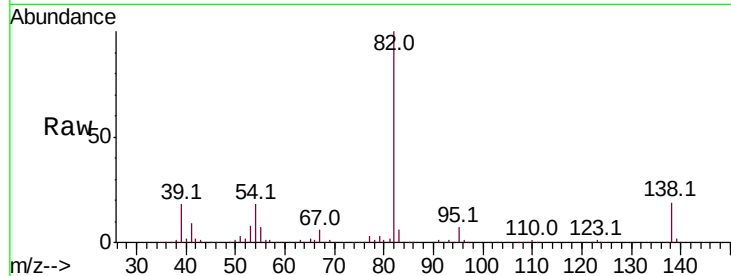
Tot Ion: 82 Resp: 1413918

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 18.7 14.8 22.2



#26

2-Nitrophenol

Concen: 42.570 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

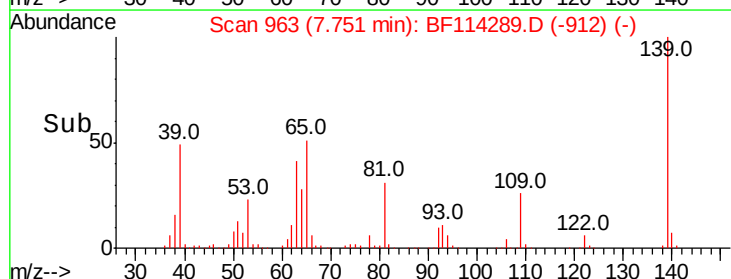
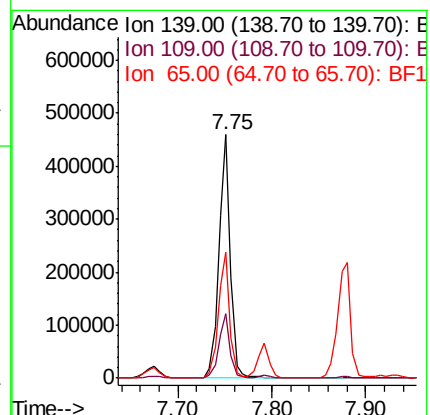
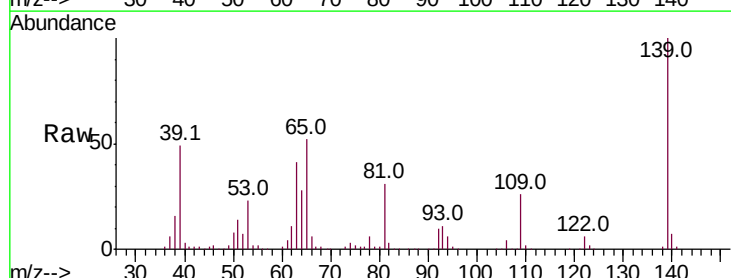
Tgt Ion: 139 Resp: 396911

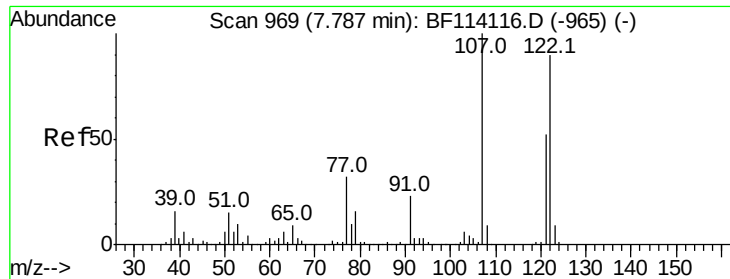
Ion Ratio Lower Upper

139 100

109 26.2 20.7 31.1

65 51.5 40.2 60.2

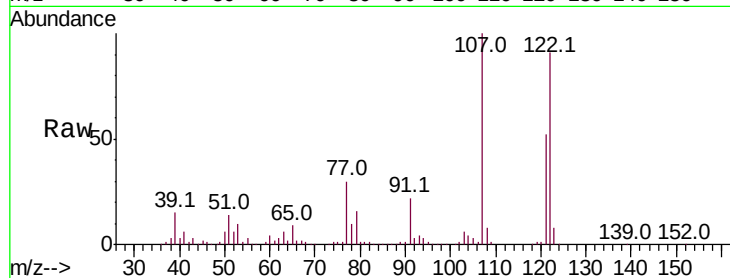




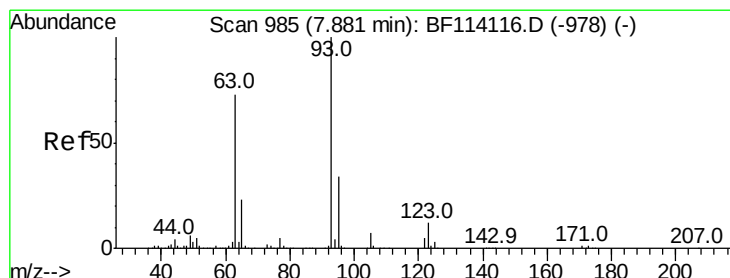
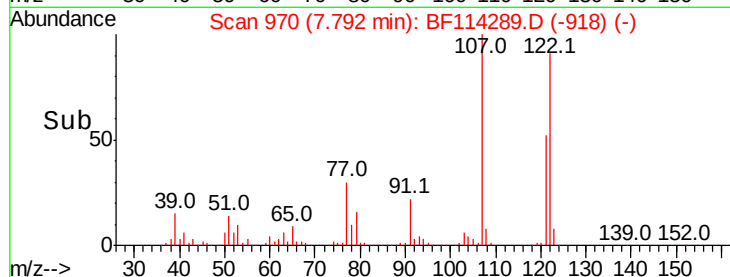
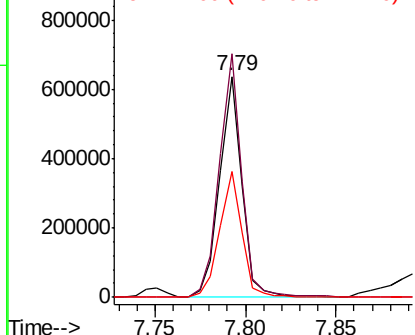
#27
2,4-Dimethylphenol
Concen: 36.829 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.3	88.4	132.6
121	56.9	45.9	68.9

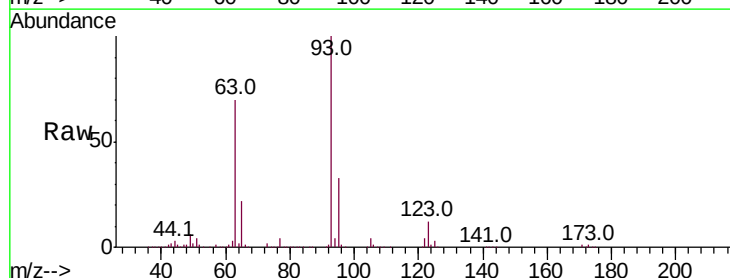


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

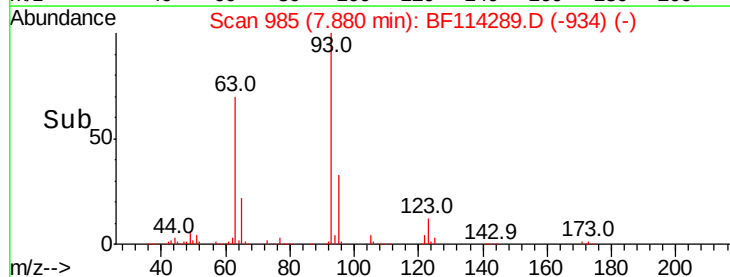
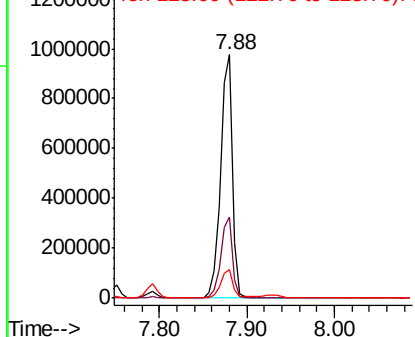


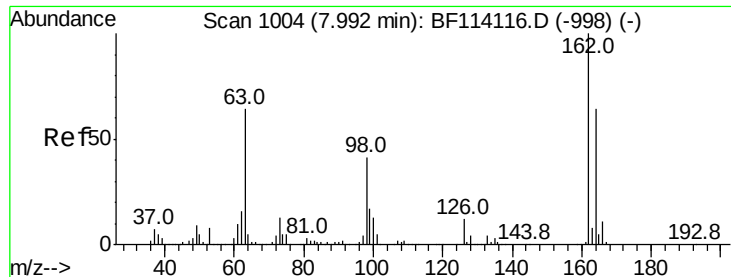
#28
bis(2-Chloroethoxy)methane
Concen: 40.473 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.8	40.2
123	11.8	9.5	14.3



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

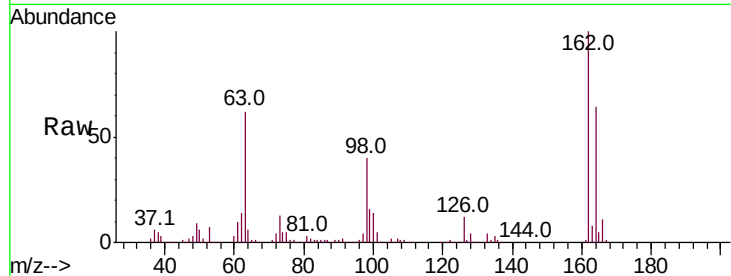




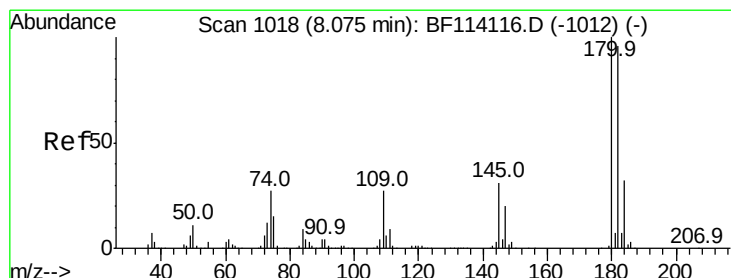
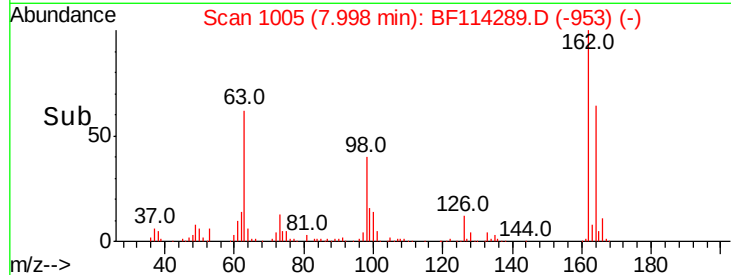
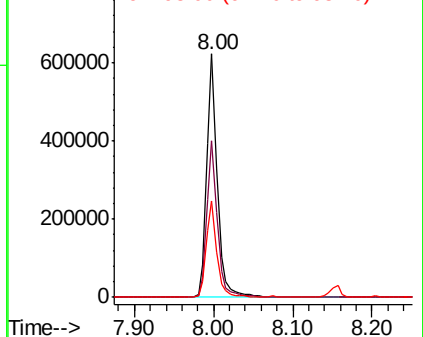
#29
 2,4-Dichlorophenol
 Concen: 40.264 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF114289.D
 Acq: 15 May 2019 17:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.6	83.6
98	39.7	20.6	60.6

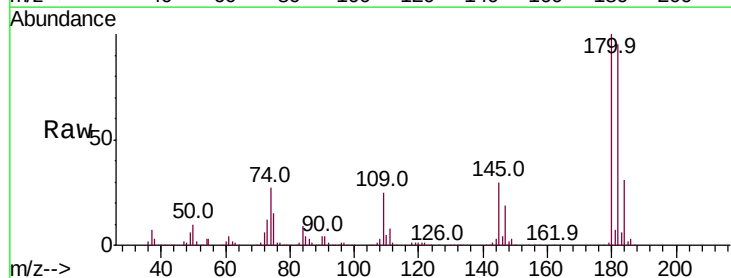


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

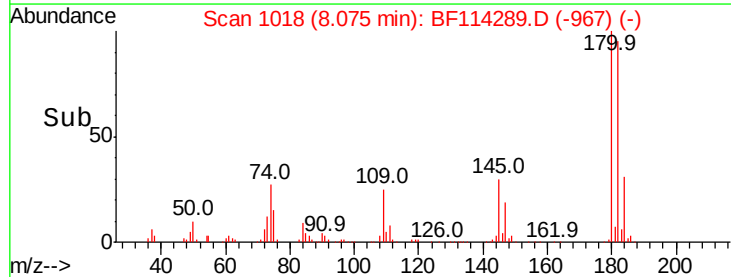
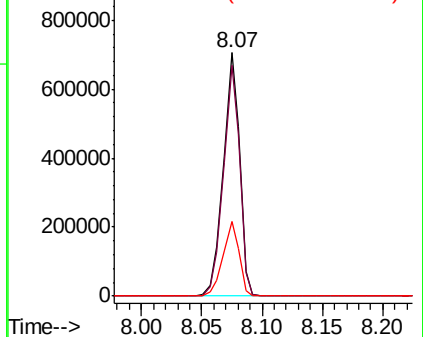


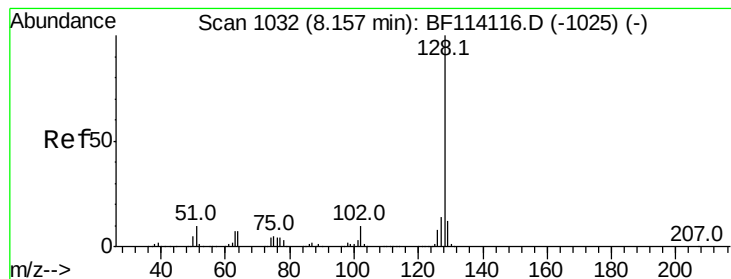
#30
 1,2,4-Trichlorobenzene
 Concen: 39.662 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BF114289.D
 Acq: 15 May 2019 17:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.6	114.8
145	30.5	25.1	37.7



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: 40.039 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

Instrument :

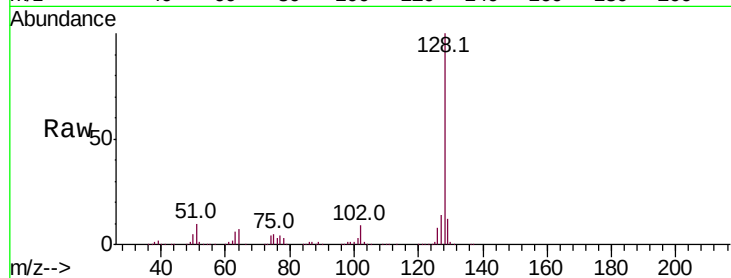
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1980437

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.6	14.4
127	13.7	11.3	16.9

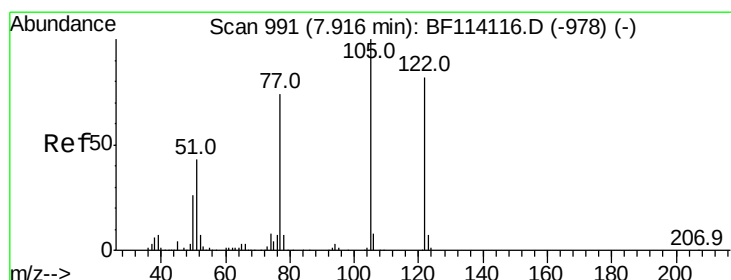
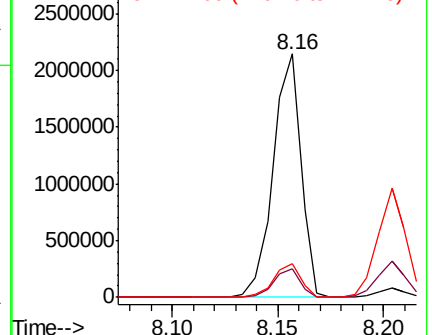
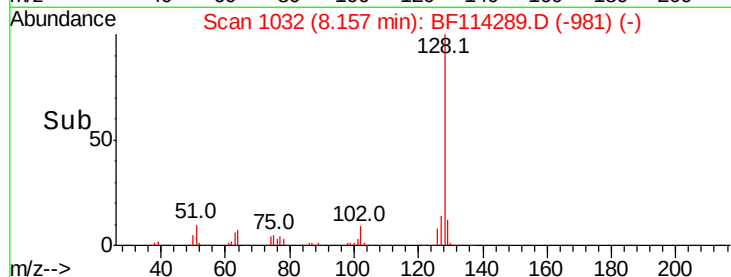


Abundance

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: 36.637 ng

RT: 7.93 min Scan# 994

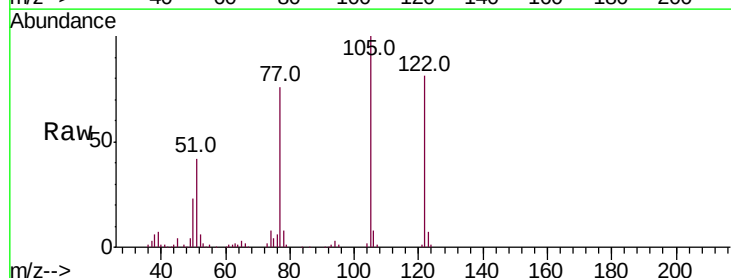
Delta R.T. 0.02 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

Tgt Ion:122 Resp: 362220

Ion	Ratio	Lower	Upper
122	100		
105	122.7	99.9	139.9
77	93.6	69.4	109.4

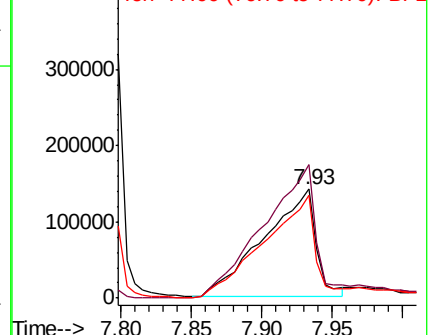
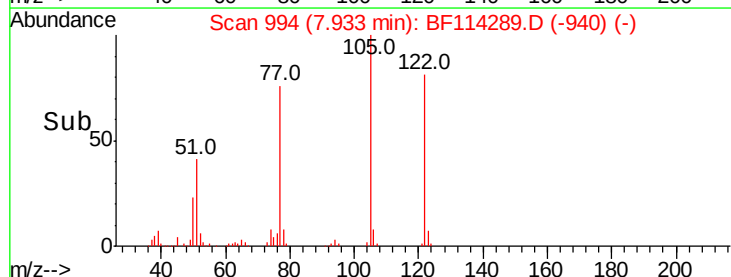


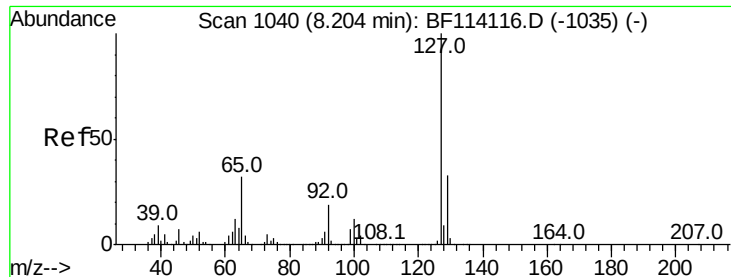
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

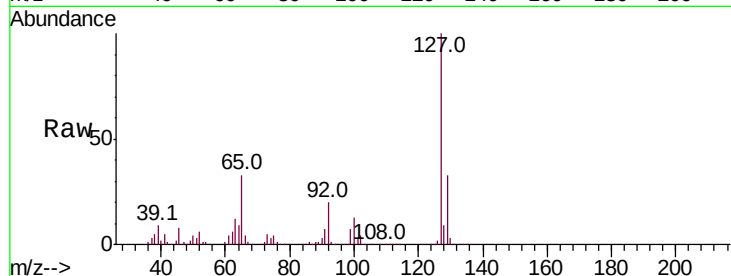




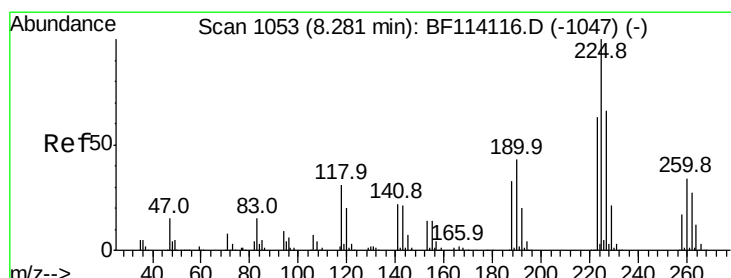
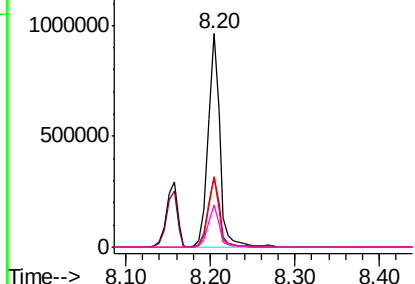
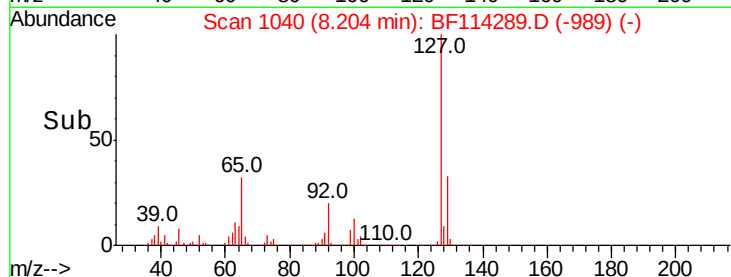
#33
4-Chloroaniline
Concen: 41.707 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	940060
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.7	40.1
65	32.8	25.4	38.0
92	19.6	15.4	23.2

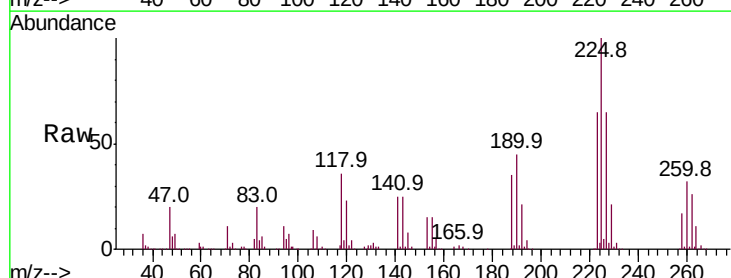


Abundance Ion 127.00 (126.70 to 127.70): E
1500000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

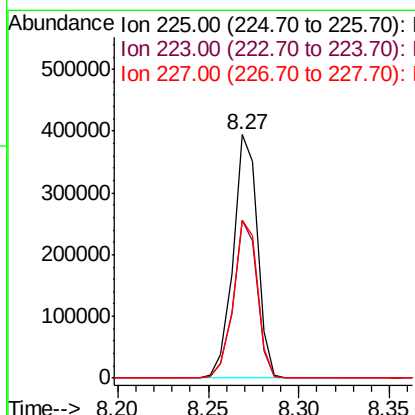
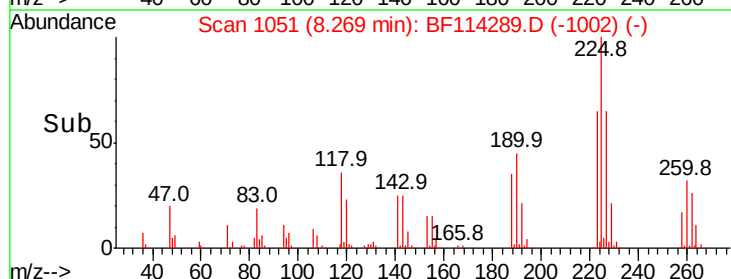


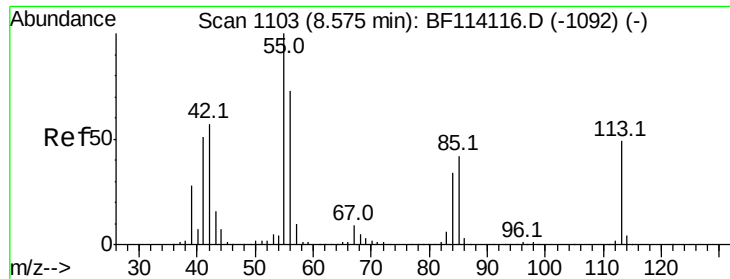
#34
Hexachlorobutadiene
Concen: 38.843 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

Tgt Ion:	225	Resp:	366458
Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.2	75.2
227	64.8	52.6	79.0



Abundance Ion 225.00 (224.70 to 225.70): E
500000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

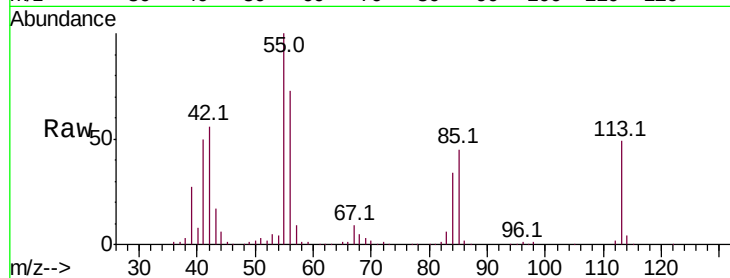




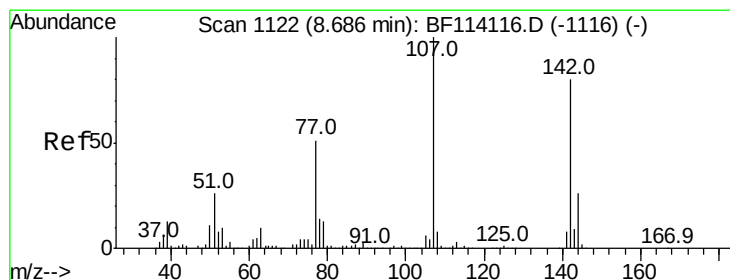
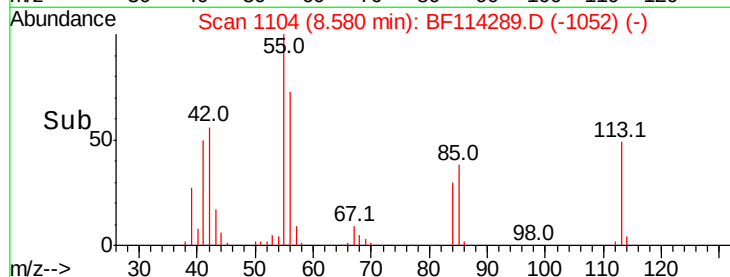
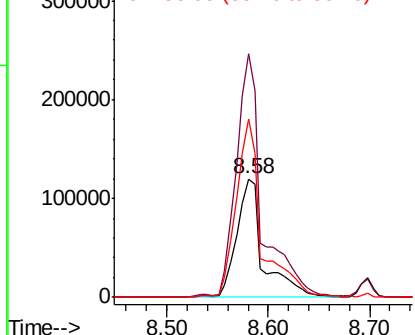
#35
 Caprolactam
 Concen: 45.791 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF114289.D
 Acq: 15 May 2019 17:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 217722
 Ion Ratio Lower Upper
 113 100
 55 206.0 183.5 223.5
 56 150.7 128.8 168.8

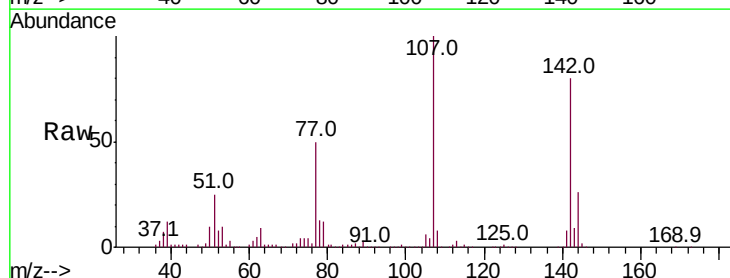


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

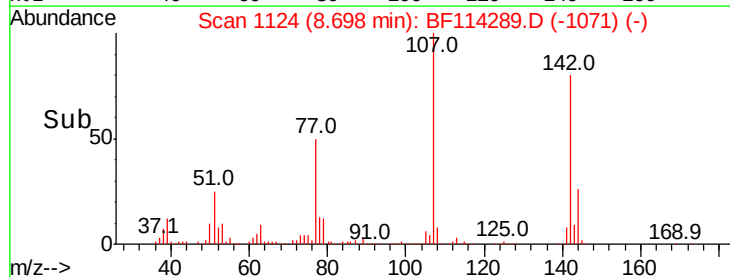
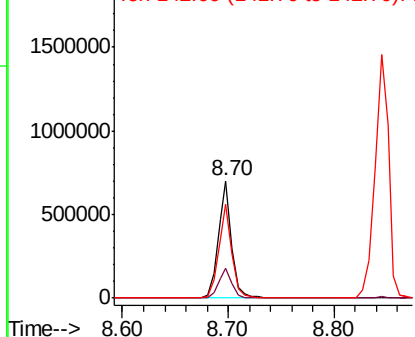


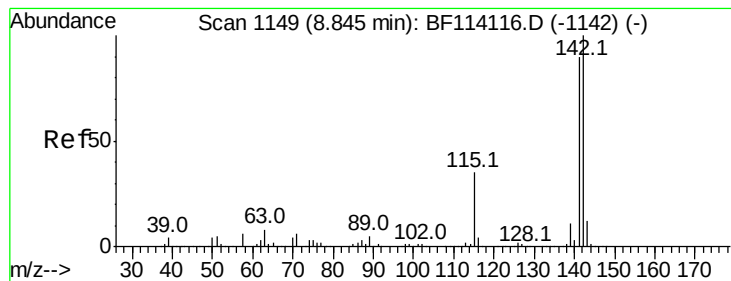
#36
 4-Chloro-3-methylphenol
 Concen: 42.307 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF114289.D
 Acq: 15 May 2019 17:21

Tgt Ion:107 Resp: 620957
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.4 30.6
 142 79.5 64.2 96.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.246 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

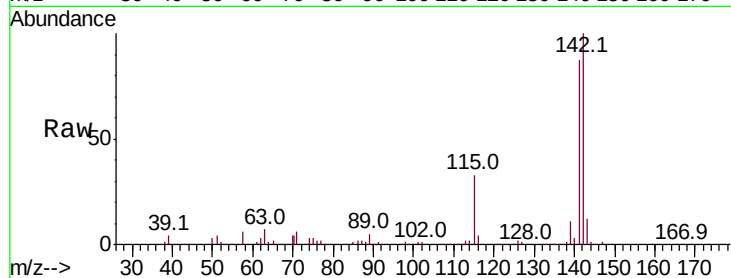
Tot Ion:142 Resp: 1316271

Ion Ratio Lower Upper

142 100

141 87.1 72.1 108.1

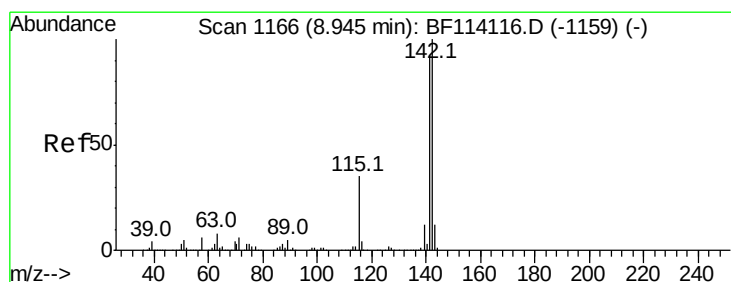
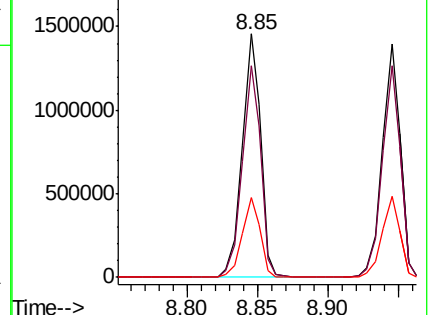
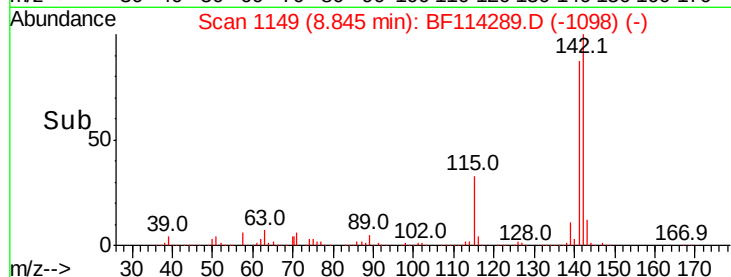
115 33.0 28.0 42.0



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: 41.034 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

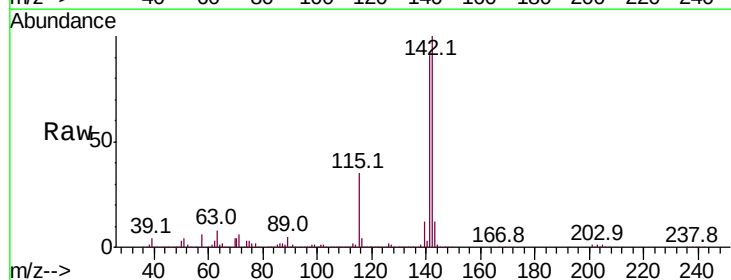
Tgt Ion:142 Resp: 1233201

Ion Ratio Lower Upper

142 100

141 90.9 73.4 110.0

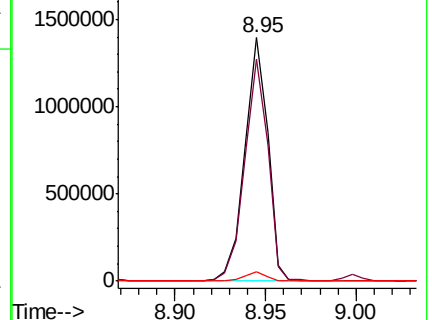
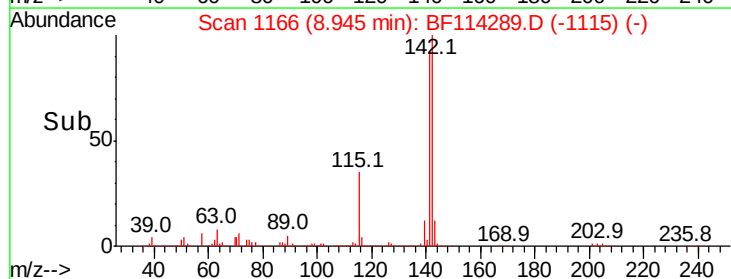
116 3.7 3.1 4.7

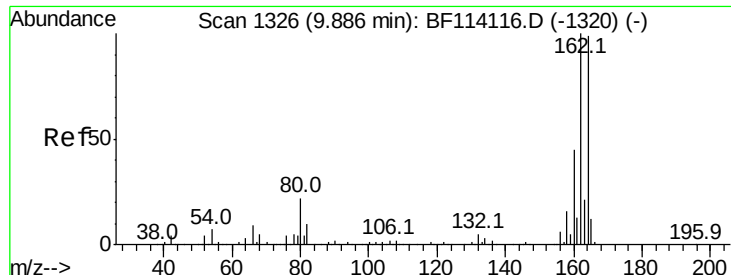


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

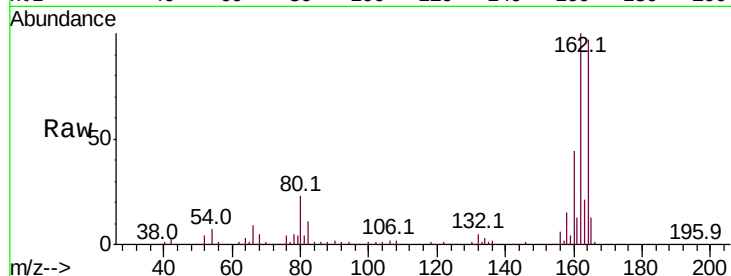
Tot Ion:164 Resp: 486161

Ion Ratio Lower Upper

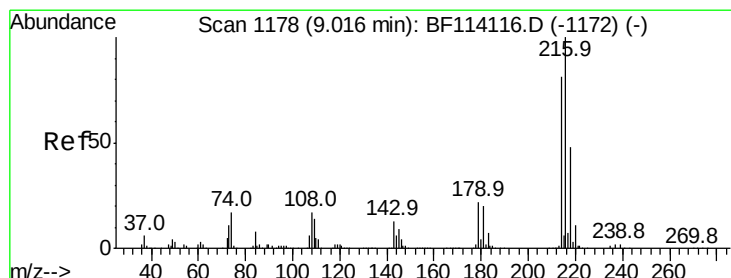
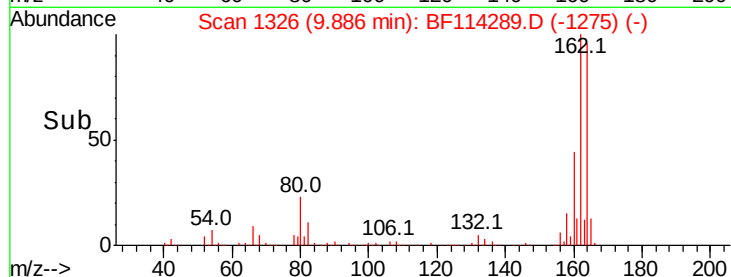
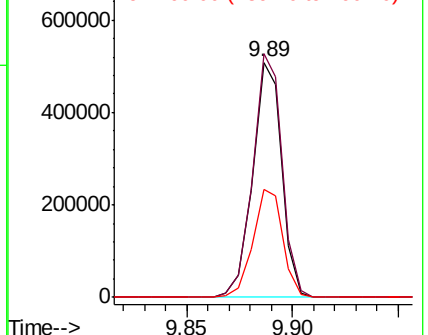
164 100

162 103.5 80.6 120.8

160 45.7 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.358 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

Tgt Ion:216 Resp: 594348

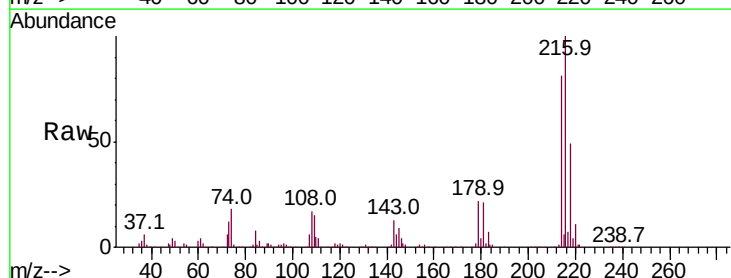
Ion Ratio Lower Upper

216 100

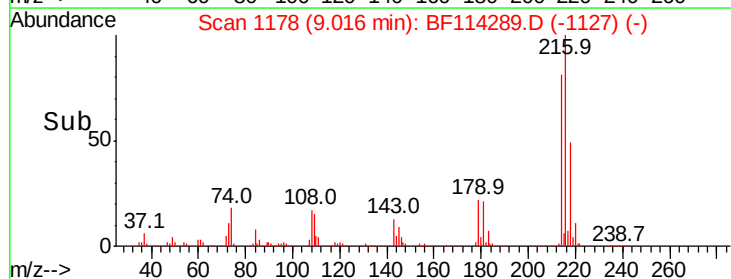
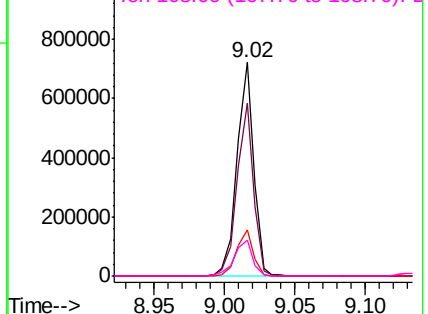
214 79.9 63.9 95.9

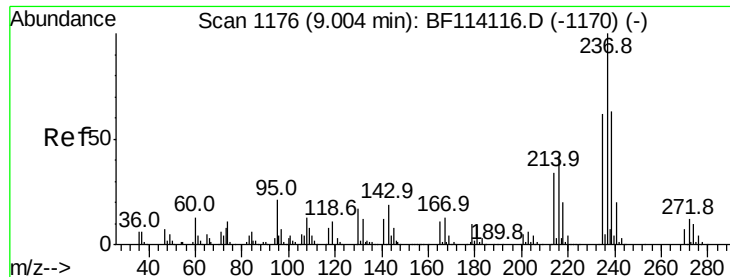
179 21.1 17.0 25.6

108 18.7 14.8 22.2



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

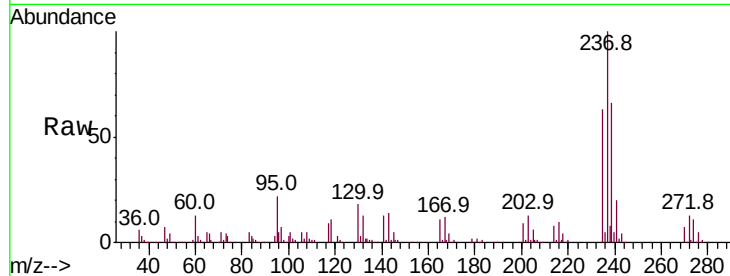




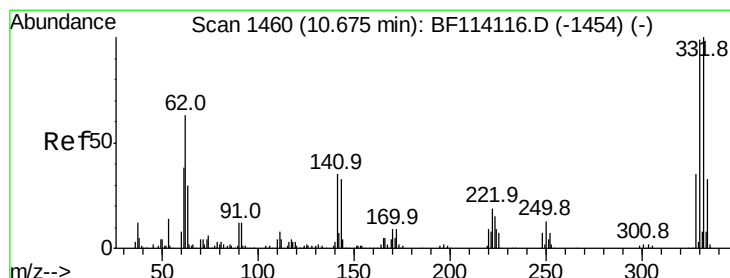
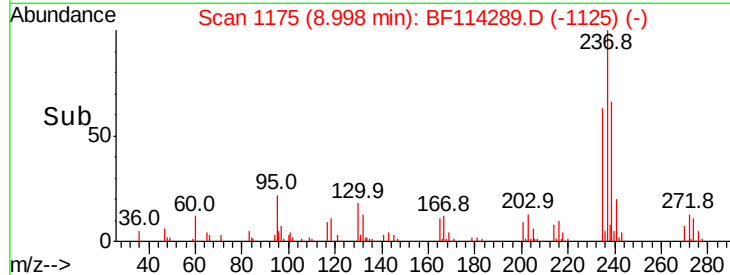
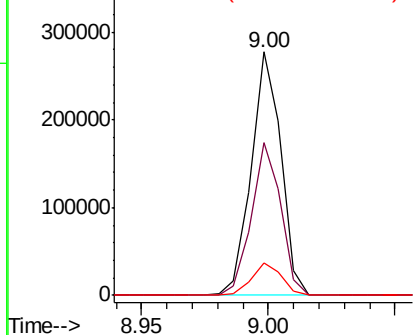
#41
Hexachlorocyclopentadiene
Concen: 35.578 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.0	82.0
272	13.1	0.0	32.4

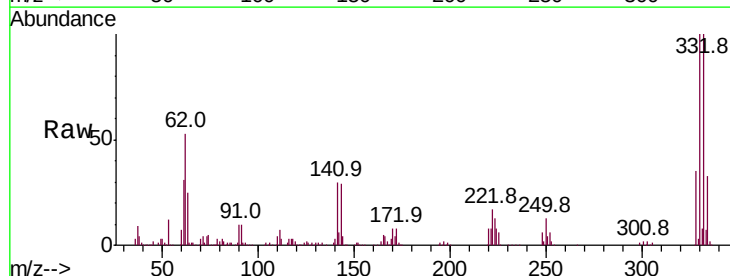


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

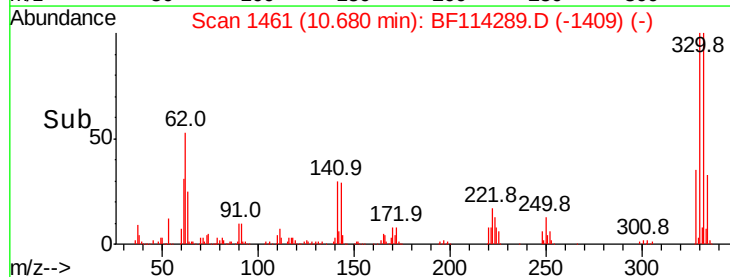
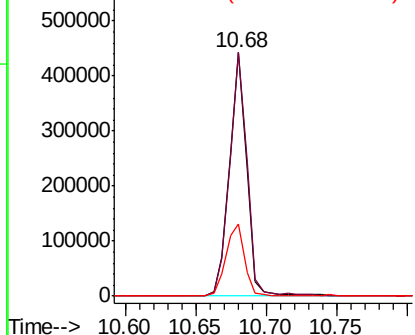


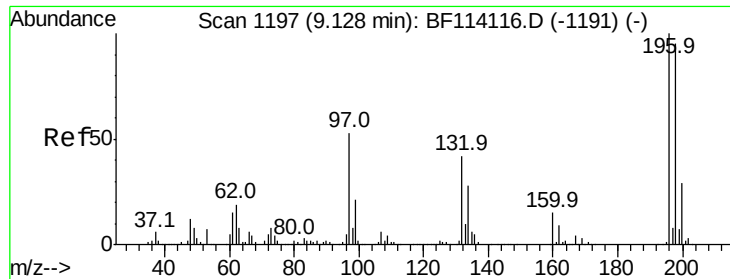
#42
2,4,6-Tribromophenol
Concen: 75.541 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.9	81.4	122.2
141	32.1	26.6	40.0



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

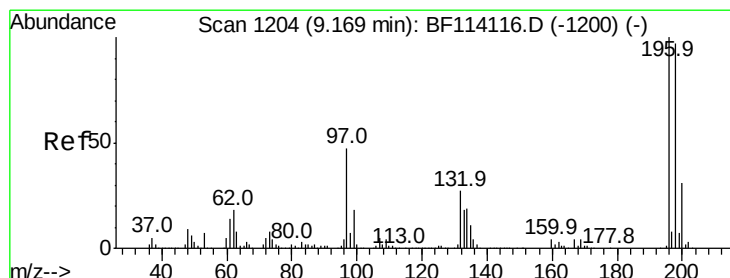
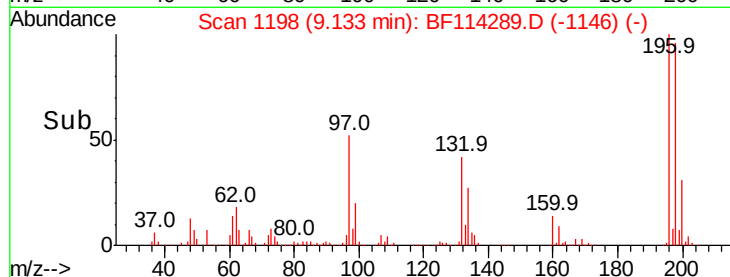
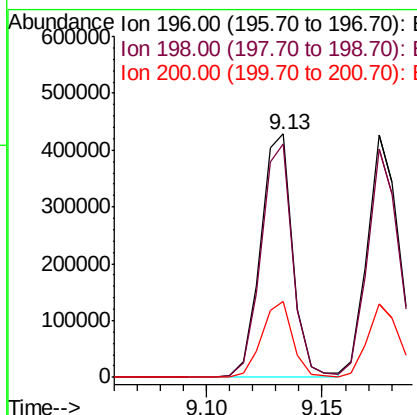
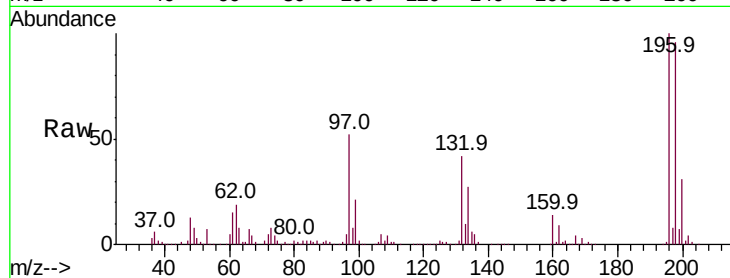




#43
 2,4,6-Trichlorophenol
 Concen: 41.027 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF114289.D
 Acq: 15 May 2019 17:21

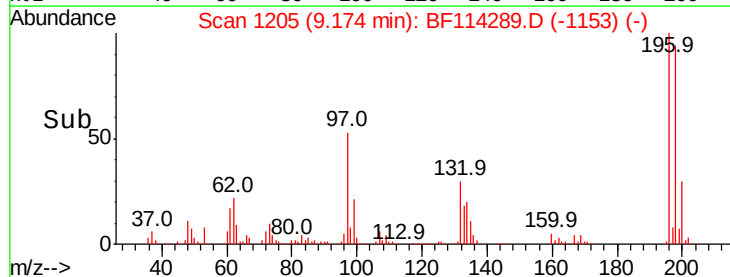
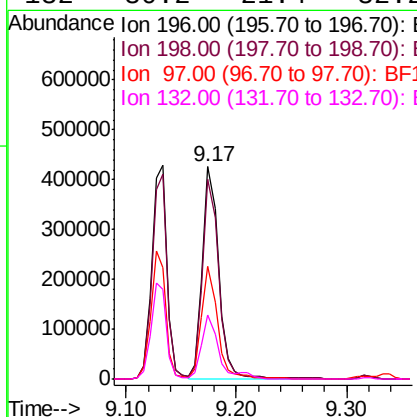
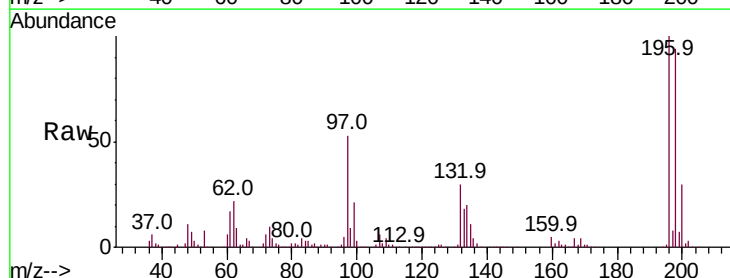
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

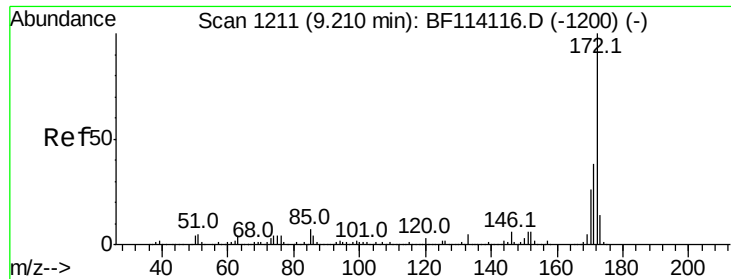
Tot	Ion:196	Resp:	415586
Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.9	113.9
200	31.0	23.5	35.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.856 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF114289.D
 Acq: 15 May 2019 17:21

Tgt	Ion:196	Resp:	424422
Ion	Ratio	Lower	Upper
196	100		
198	94.2	77.7	116.5
97	53.0	38.2	57.2
132	30.2	21.4	32.2

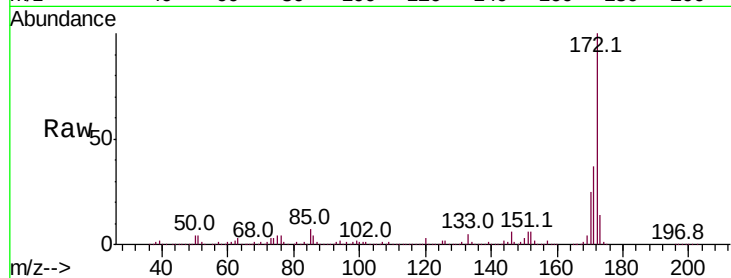




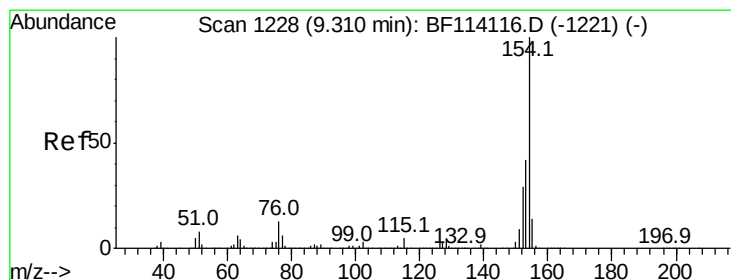
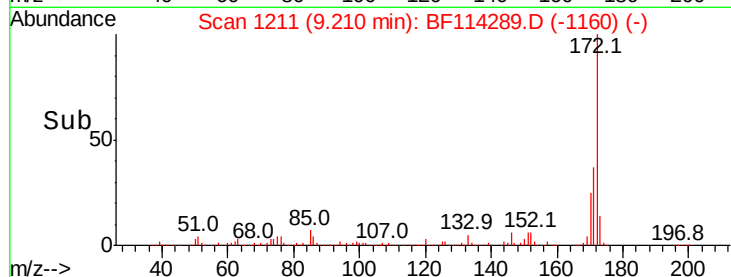
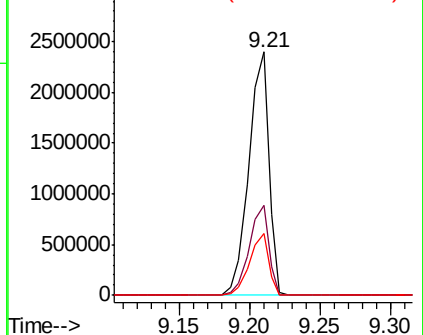
#45
2-Fluorobiphenyl
Concen: 74.753 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 2402527
Ion Ratio Lower Upper
172 100
171 36.9 30.7 46.1
170 25.4 20.5 30.7

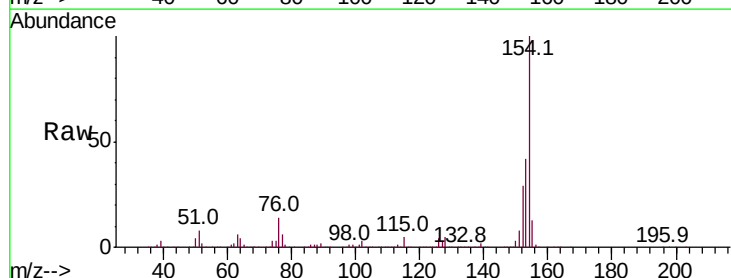


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

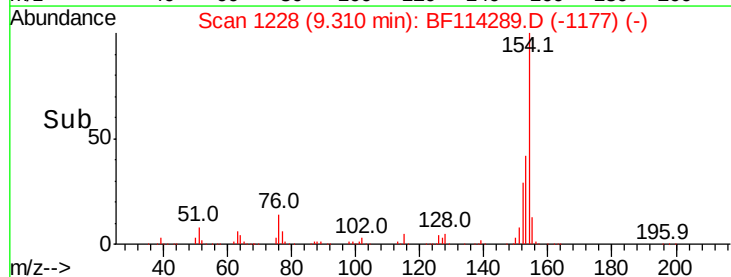
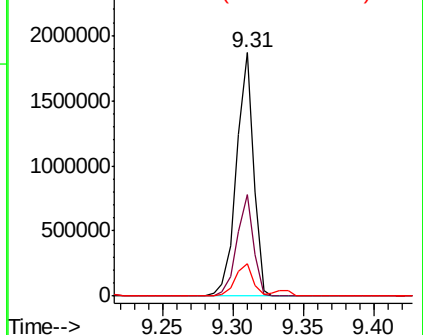


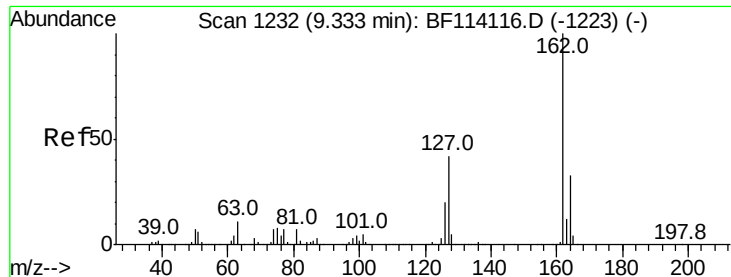
#46
1,1'-Biphenyl
Concen: 40.135 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

Tgt Ion:154 Resp: 1576320
Ion Ratio Lower Upper
154 100
153 41.8 21.9 61.9
76 13.5 0.0 32.8



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

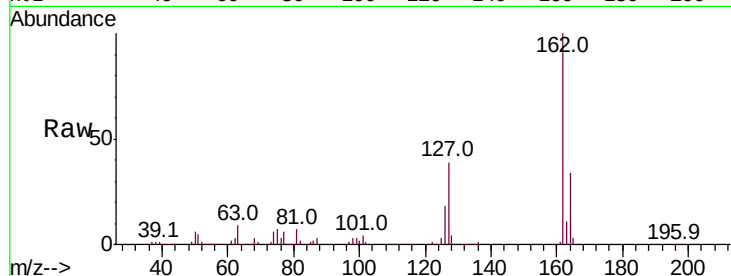




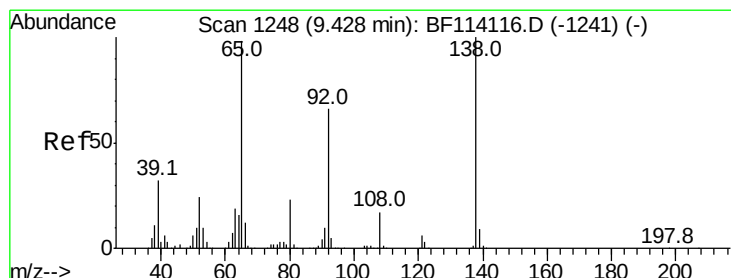
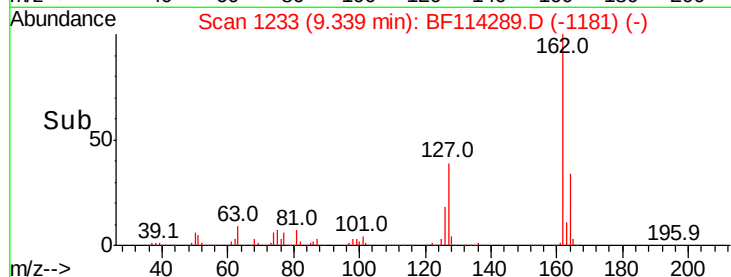
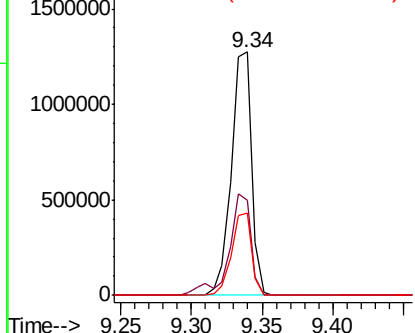
#47
 2-Chloronaphthalene
 Concen: 40.287 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF114289.D
 Acq: 15 May 2019 17:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 1273419
 Ion Ratio Lower Upper
 162 100
 127 39.2 34.0 51.0
 164 34.0 26.7 40.1

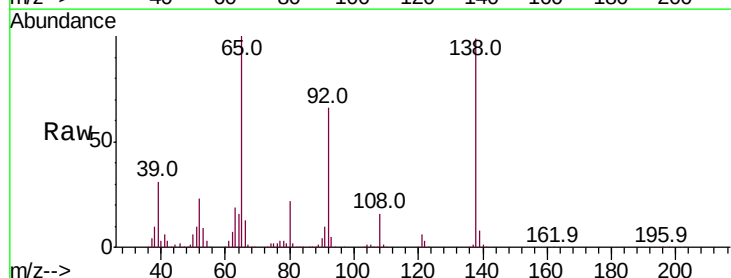


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

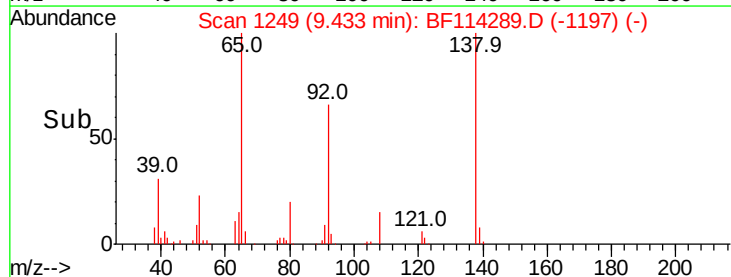
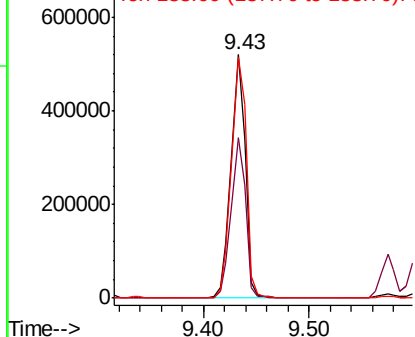


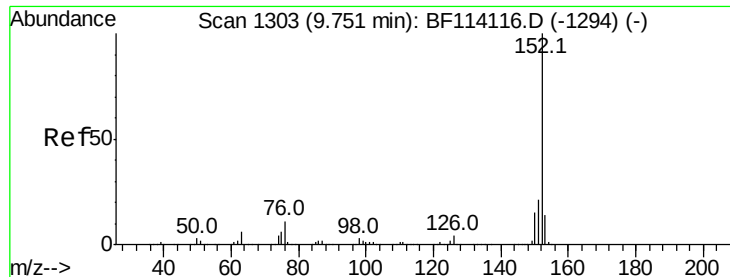
#48
 2-Nitroaniline
 Concen: 43.253 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: BF114289.D
 Acq: 15 May 2019 17:21

Tgt Ion: 65 Resp: 484856
 Ion Ratio Lower Upper
 65 100
 92 65.6 53.9 80.9
 138 98.9 81.4 122.0



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





#49

Acenaphthylene

Concen: 40.198 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

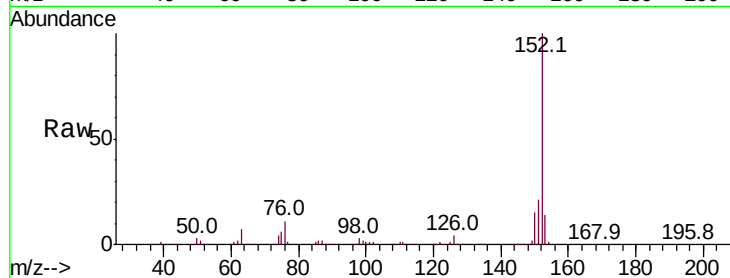
Tot Ion:152 Resp: 1932504

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

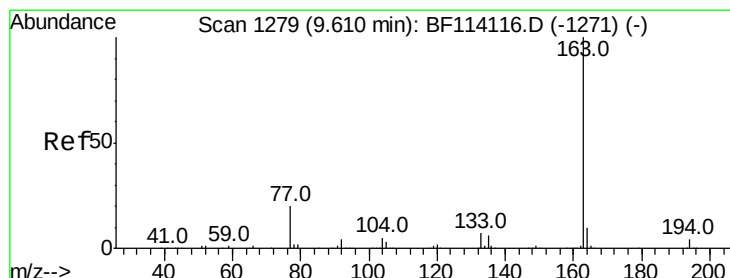
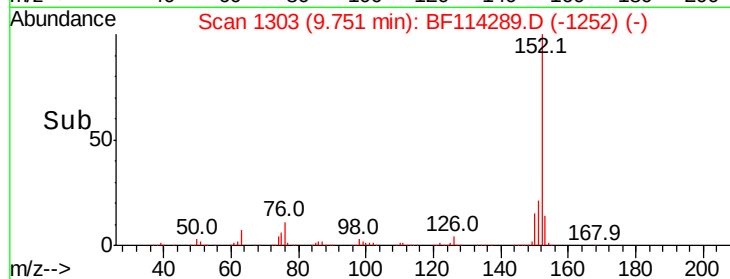
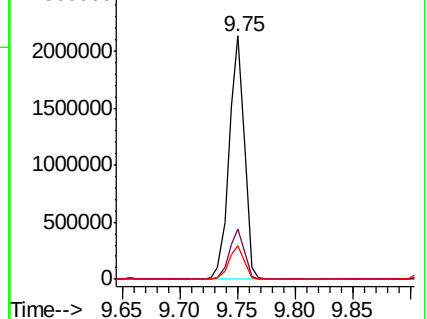
153 13.7 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.410 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

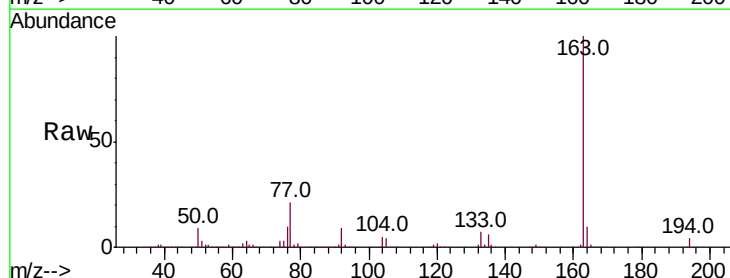
Tgt Ion:163 Resp: 1477858

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

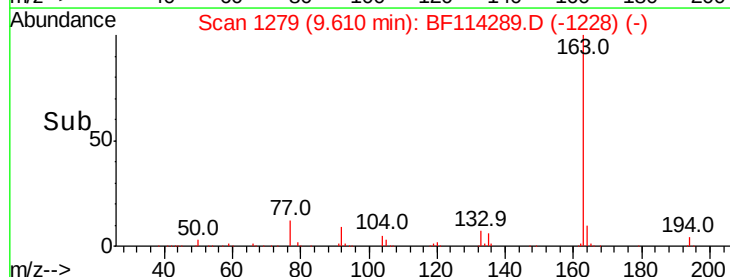
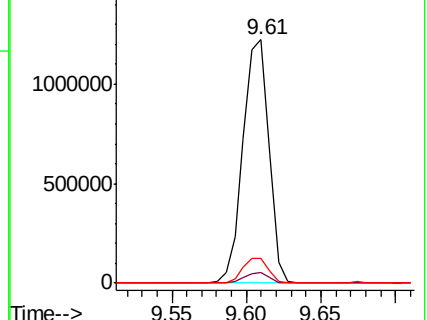
164 10.2 8.2 12.2

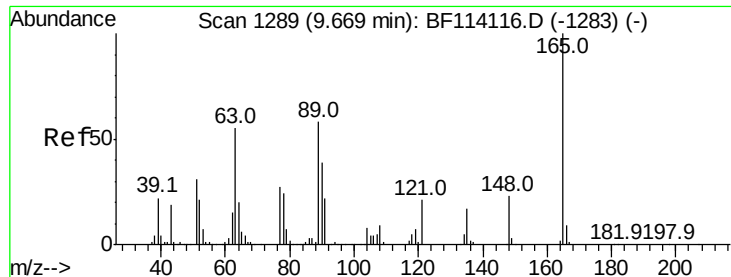


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.838 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

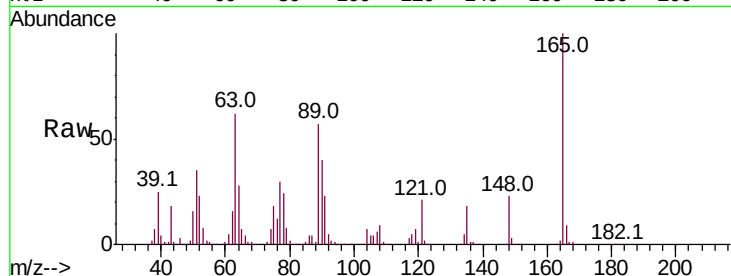
Tot Ion:165 Resp: 323264

Ion Ratio Lower Upper

165 100

63 61.9 50.2 75.4

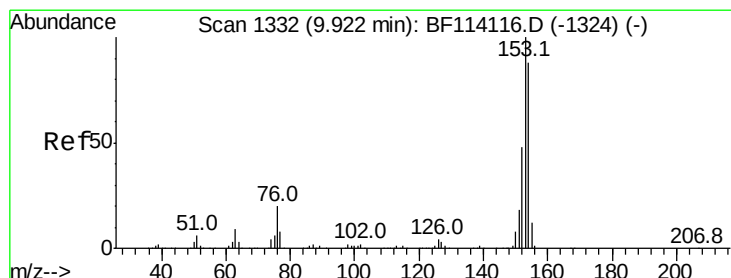
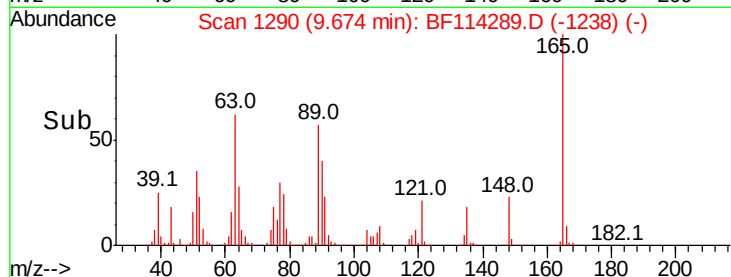
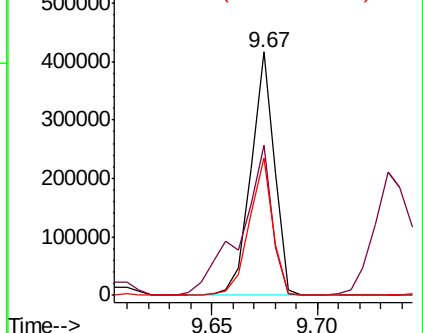
89 56.5 46.6 69.8



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: 38.763 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

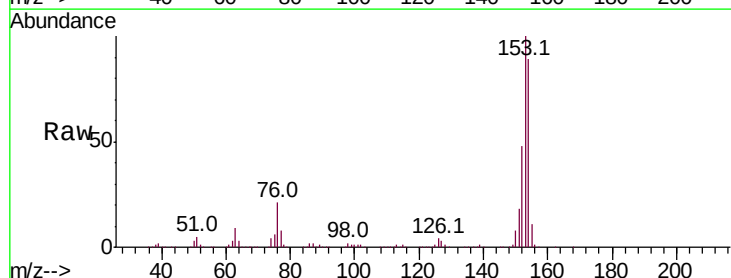
Tgt Ion:154 Resp: 1143539

Ion Ratio Lower Upper

154 100

153 112.1 90.5 135.7

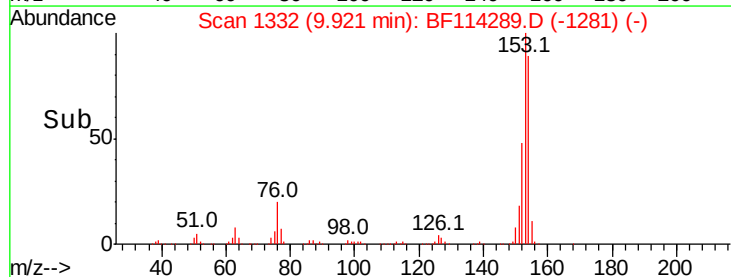
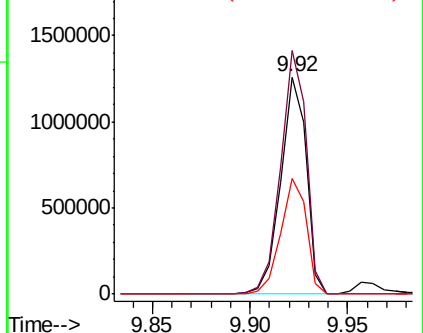
152 53.3 43.4 65.2

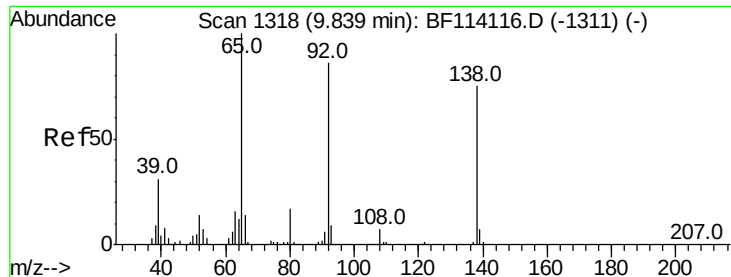


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

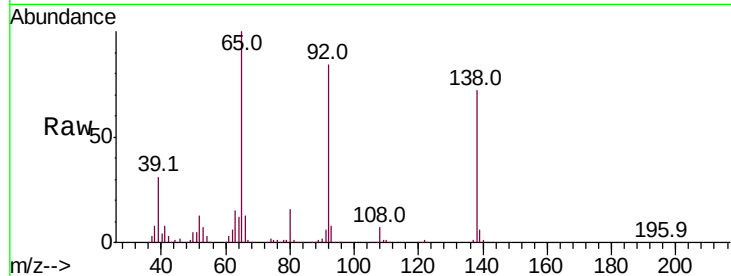




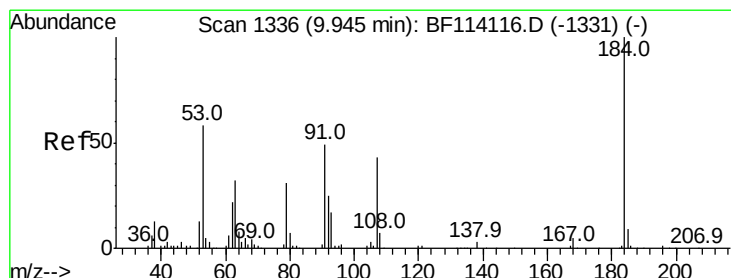
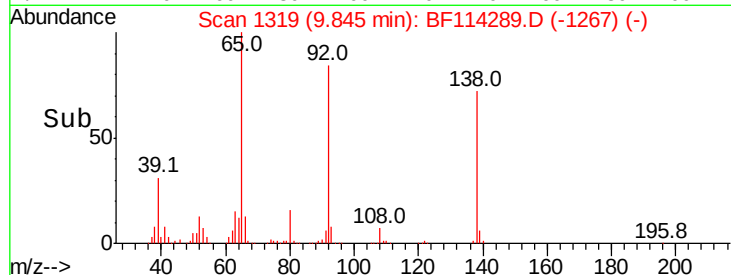
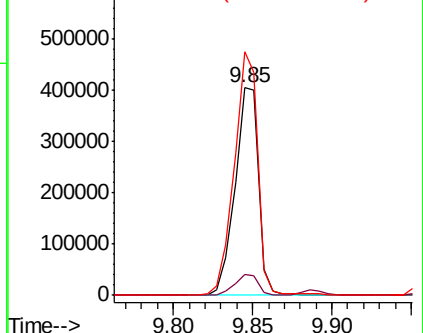
#53
3-Nitroaniline
Concen: 42.429 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 416915
Ion Ratio Lower Upper
138 100
108 10.4 7.8 11.6
92 117.4 91.2 136.8

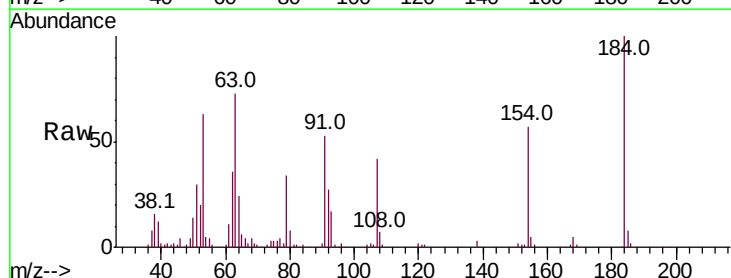


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

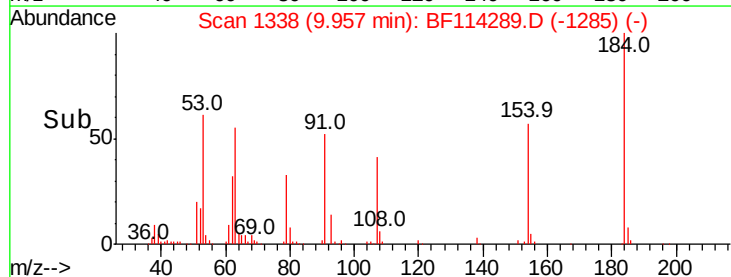
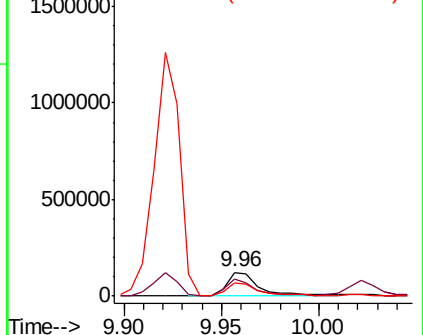


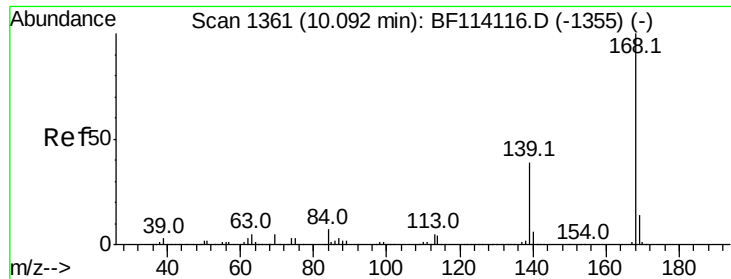
#54
2,4-Dinitrophenol
Concen: 39.971 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

Tgt Ion:184 Resp: 144426
Ion Ratio Lower Upper
184 100
63 73.1 55.6 83.4
154 57.1 46.0 69.0



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

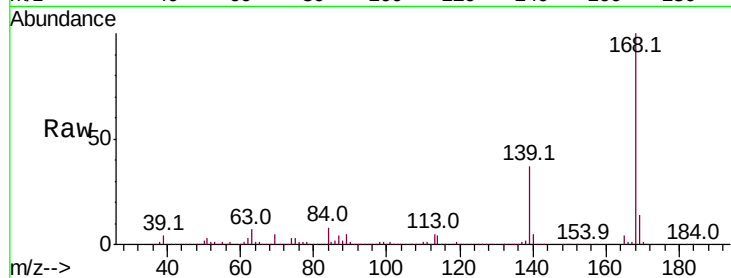




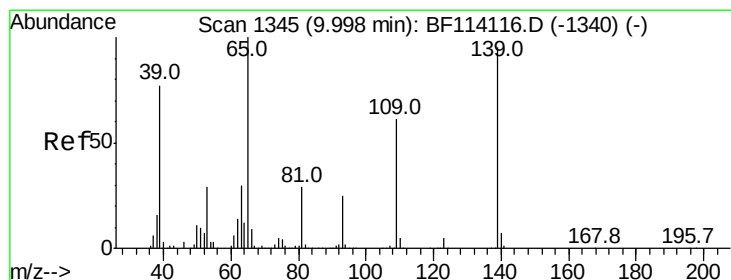
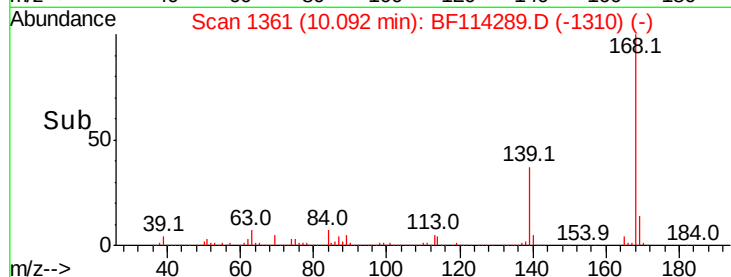
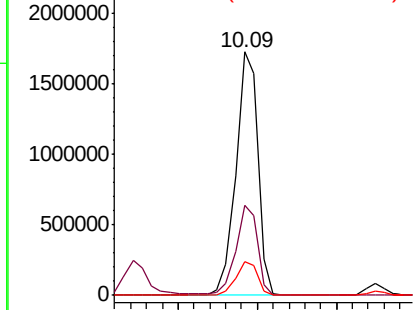
#55
Dibenzofuran
Concen: 38.298 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1656696
Ion Ratio Lower Upper
168 100
139 37.1 31.1 46.7
169 14.0 11.4 17.0

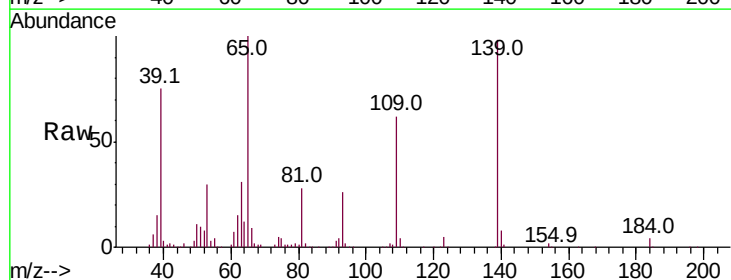


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

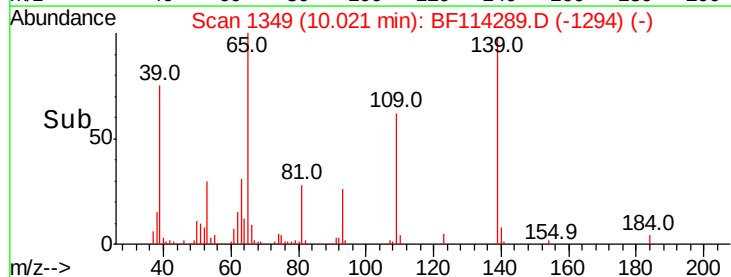
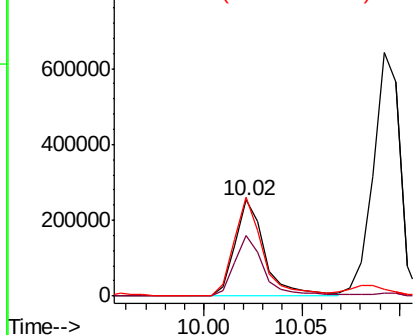


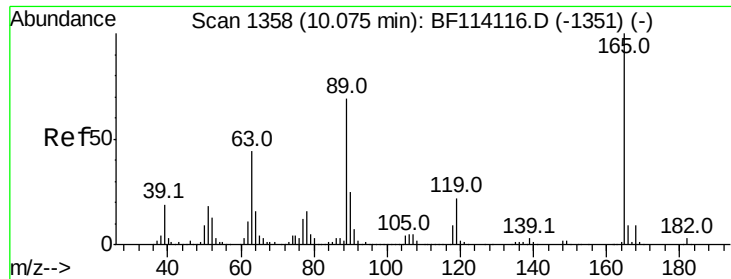
#56
4-Nitrophenol
Concen: 38.952 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

Tgt Ion:139 Resp: 270675
Ion Ratio Lower Upper
139 100
109 63.2 43.9 83.9
65 102.5 85.7 125.7



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





#57

2,4-Dinitrotoluene

Concen: 39.104 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 420128

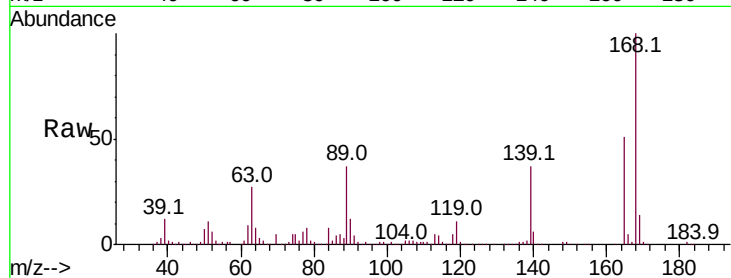
Ion Ratio Lower Upper

165 100

63 53.8 35.5 53.3#

89 71.6 55.2 82.8

182 2.7 2.2 3.2

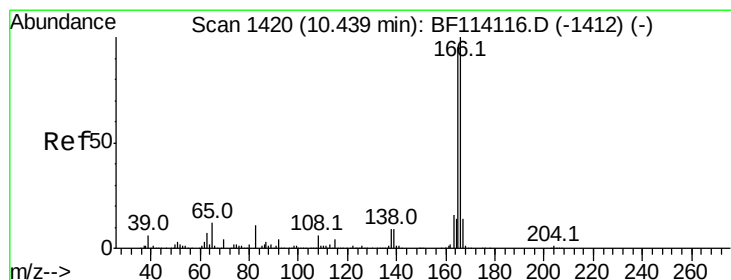
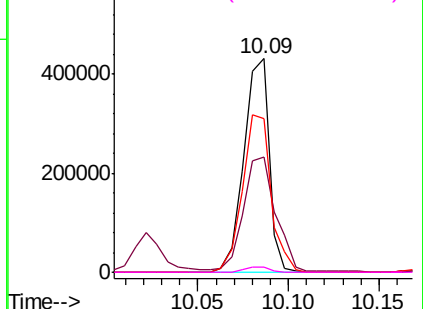
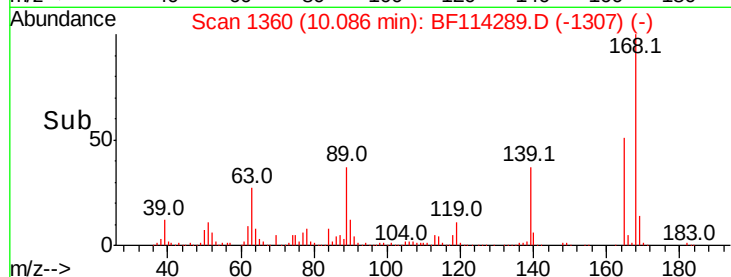


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.514 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

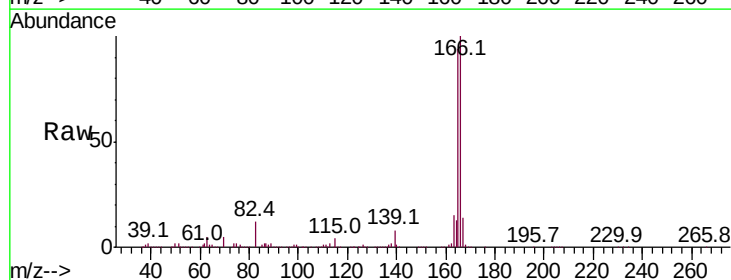
Tgt Ion:166 Resp: 1320279

Ion Ratio Lower Upper

166 100

165 93.5 76.1 114.1

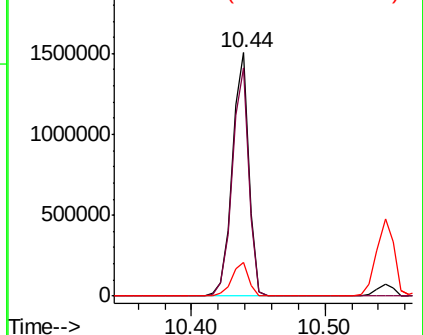
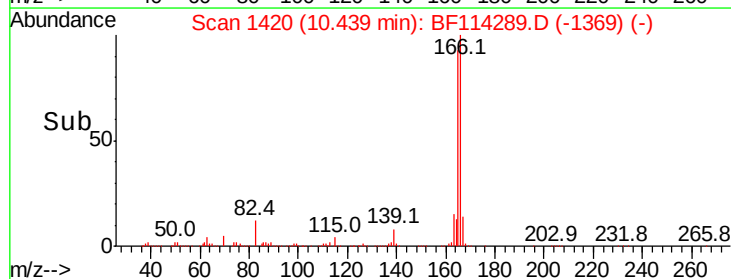
167 13.9 11.1 16.7

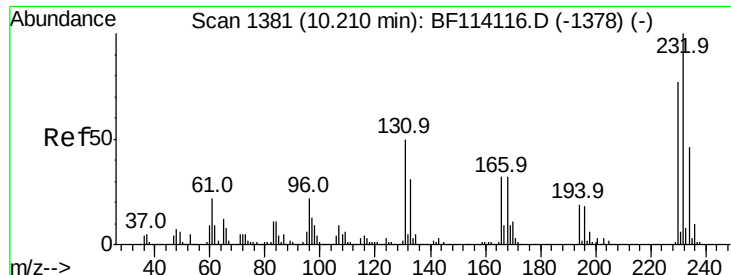


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

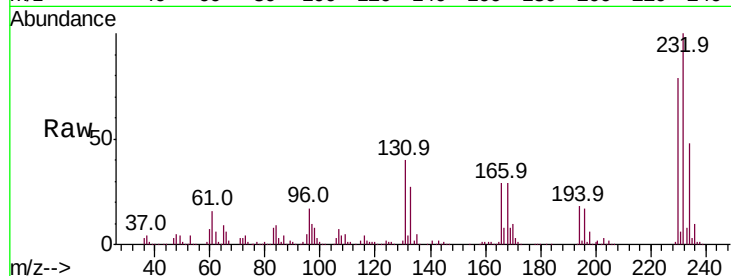




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.828 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF114289.D
 Acq: 15 May 2019 17:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	339067
Ion	Ratio	Lower	Upper
232	100		
131	44.7	35.6	53.4
130	2.2	1.6	2.4
166	29.9	24.1	36.1



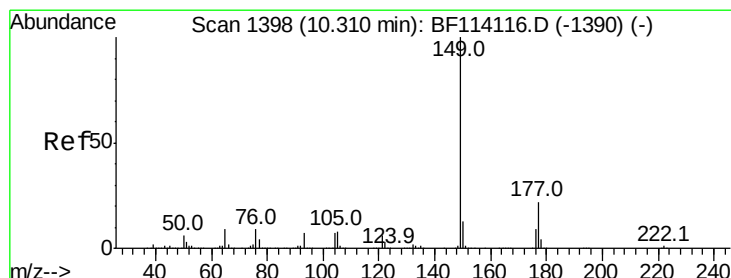
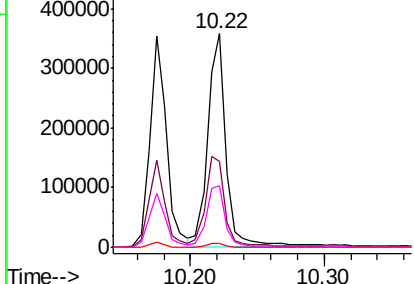
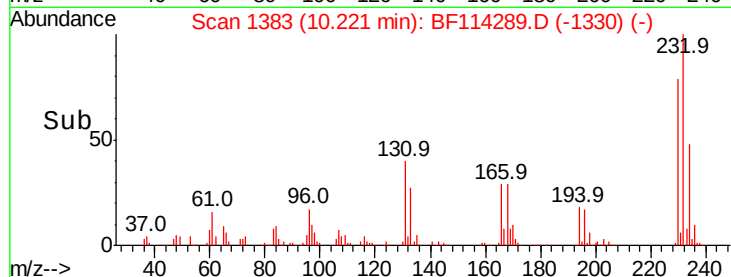
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

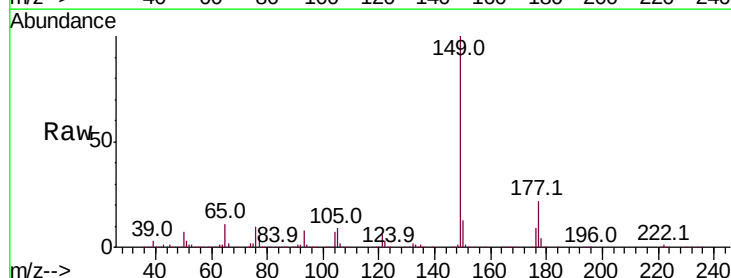
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.955 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF114289.D
 Acq: 15 May 2019 17:21

Tgt Ion:	149	Resp:	1412580
Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.8	26.6
150	12.6	10.2	15.2

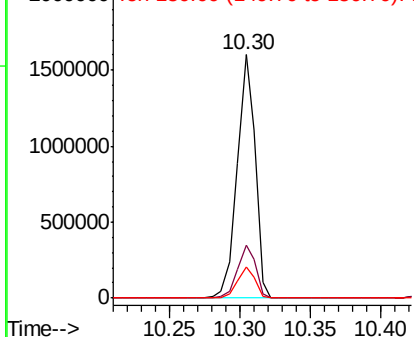
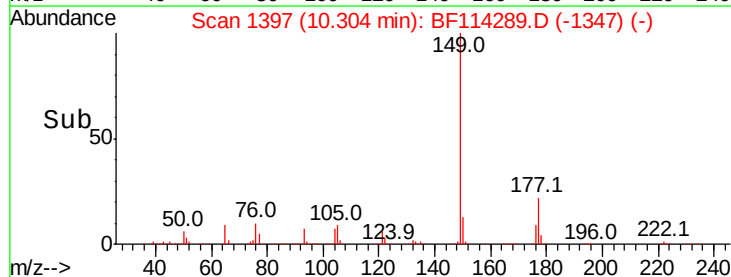


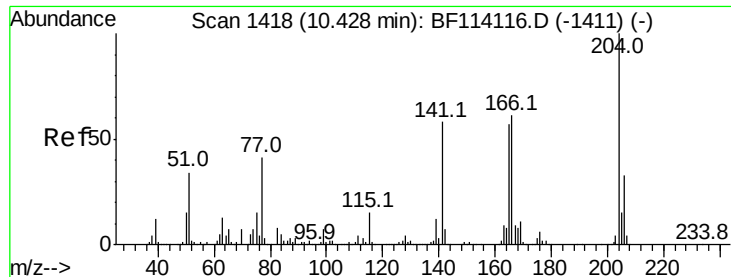
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

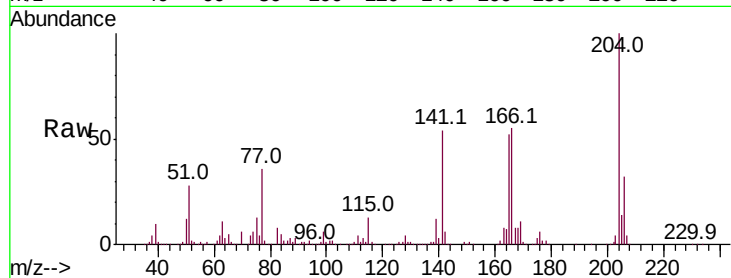




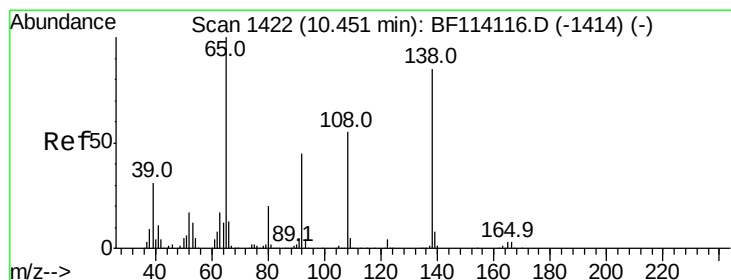
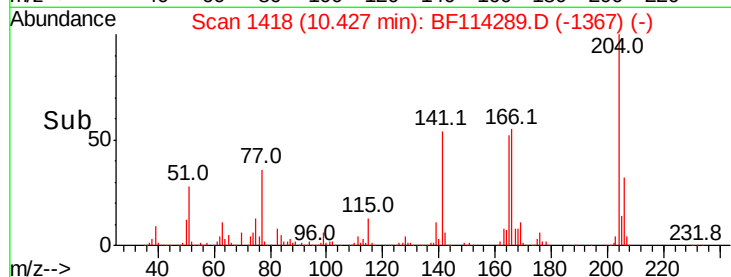
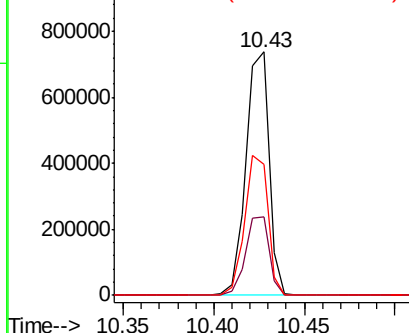
#61
 4-Chlorophenyl-phenylether
 Concen: 39.800 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF114289.D
 Acq: 15 May 2019 17:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.6	39.8
141	53.8	46.4	69.6

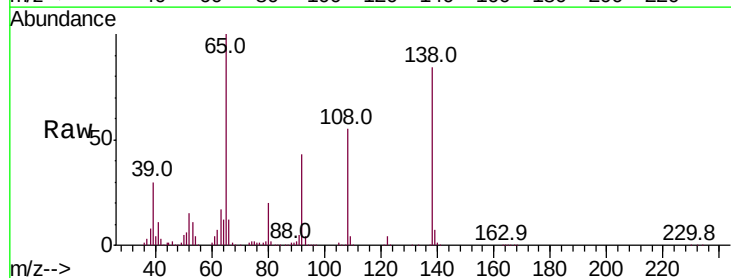


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

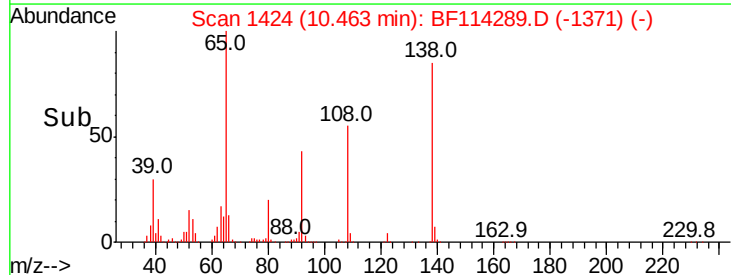
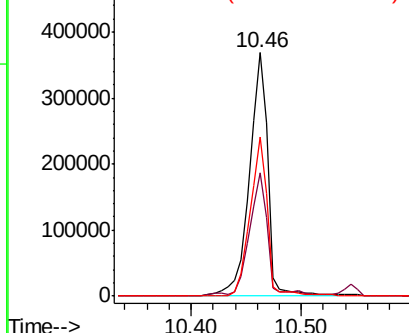


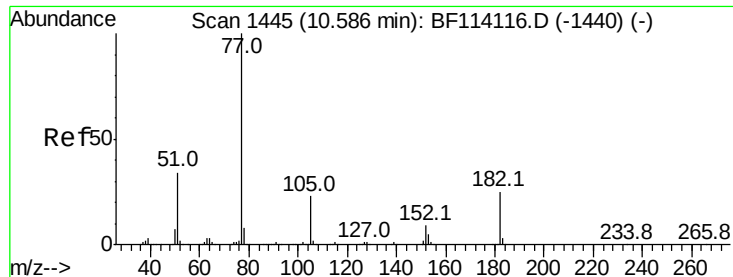
#62
 4-Nitroaniline
 Concen: 42.058 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.01 min
 Lab File: BF114289.D
 Acq: 15 May 2019 17:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	33.0	73.0
108	65.5	44.9	84.9



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: 39.646 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1391582

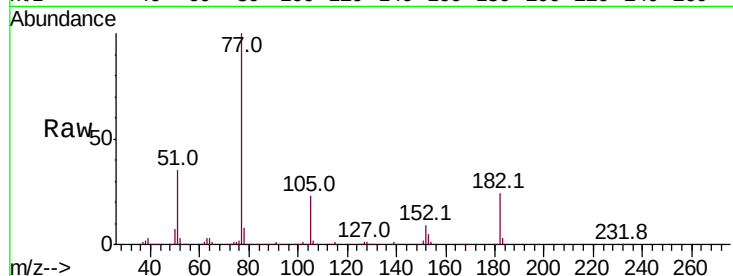
Ion	Ratio	Lower	Upper
77	100		
182	24.0	4.7	44.7
105	23.3	2.9	42.9
51	35.0	14.6	54.6

77 100

182 24.0 4.7 44.7

105 23.3 2.9 42.9

51 35.0 14.6 54.6



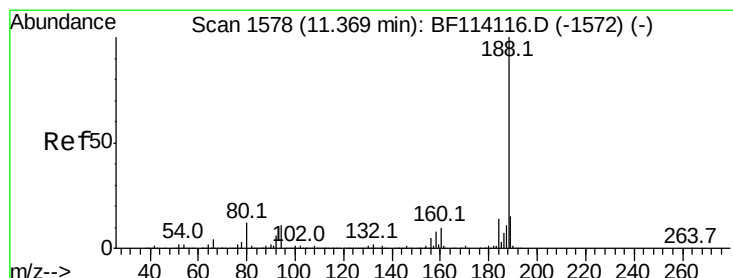
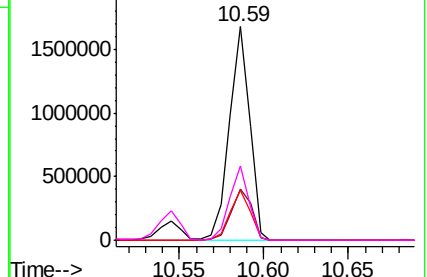
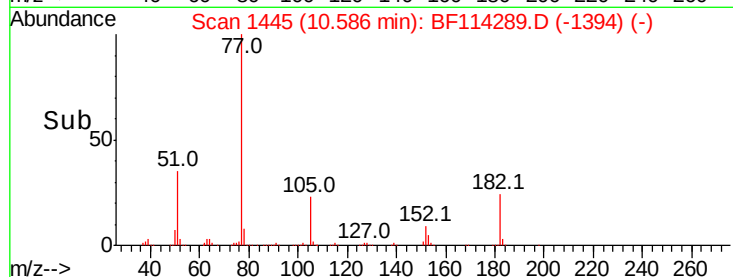
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

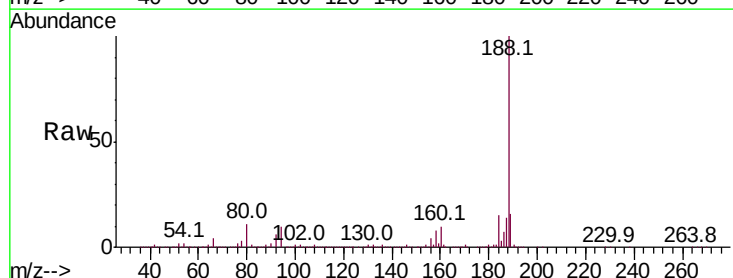
Tgt Ion: 188 Resp: 962358

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.4	12.6
80	10.8	9.2	13.8

188 100

94 10.2 8.4 12.6

80 10.8 9.2 13.8

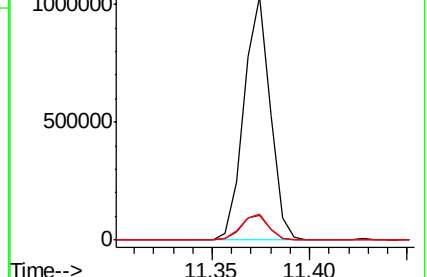
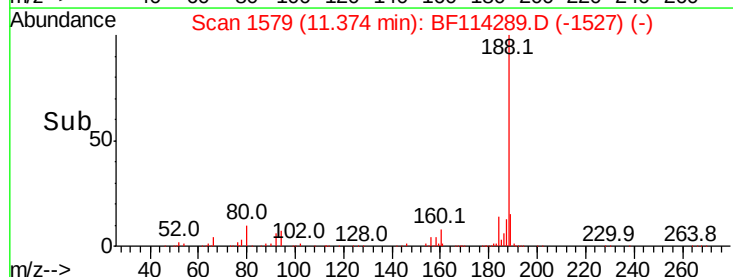


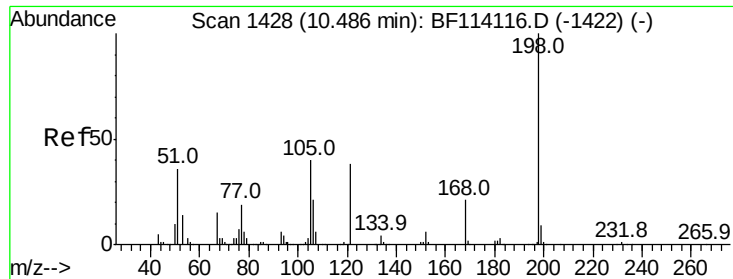
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 43.893 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

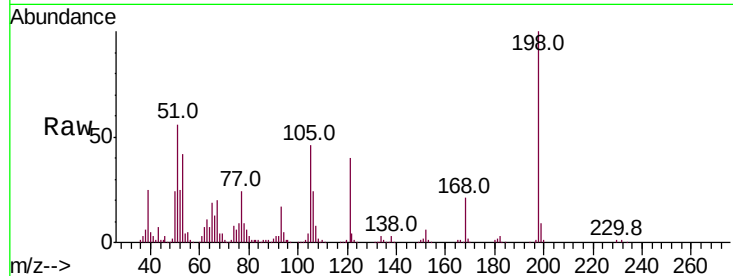
Tot Ion:198 Resp: 202971

Ion Ratio Lower Upper

198 100

51 55.9 28.0 68.0

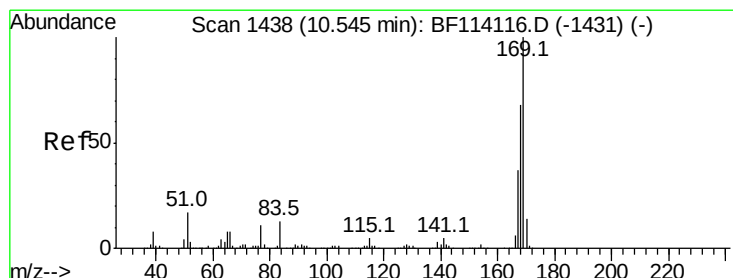
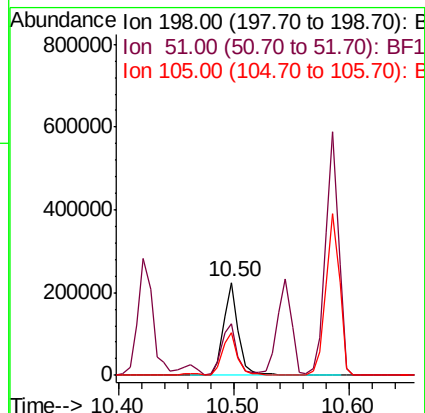
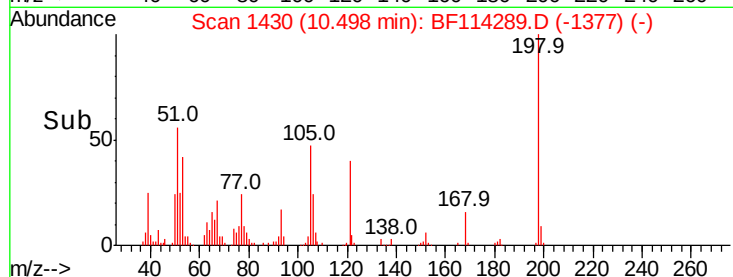
105 46.3 21.1 61.1



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: 40.438 ng

RT: 10.54 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

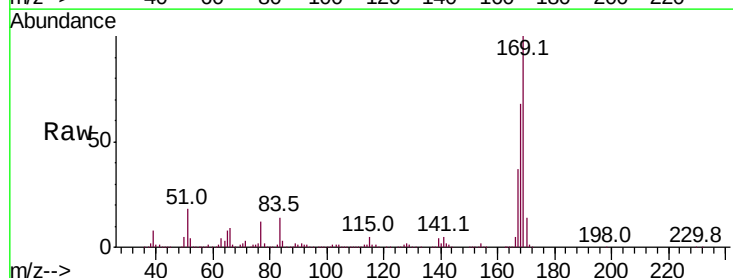
Tgt Ion:169 Resp: 1181104

Ion Ratio Lower Upper

169 100

168 67.8 54.2 81.2

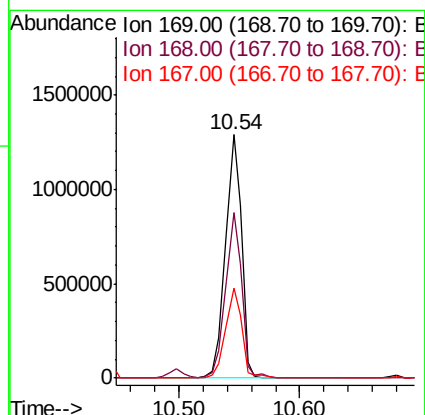
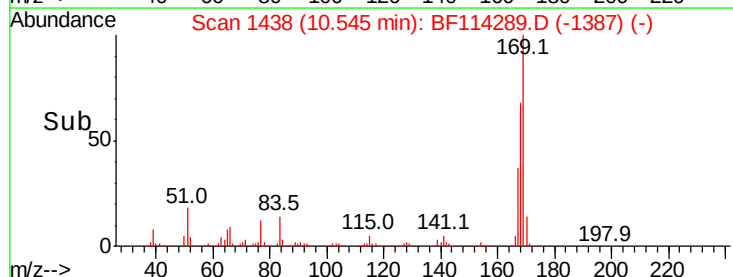
167 37.2 29.8 44.8

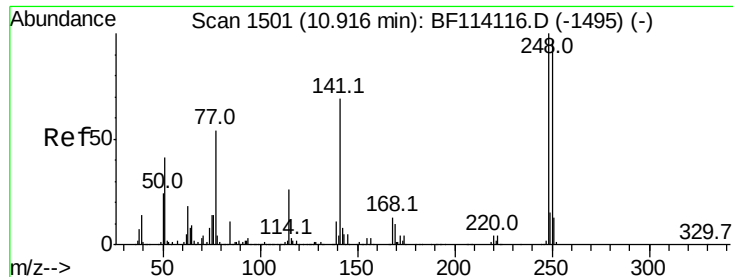


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

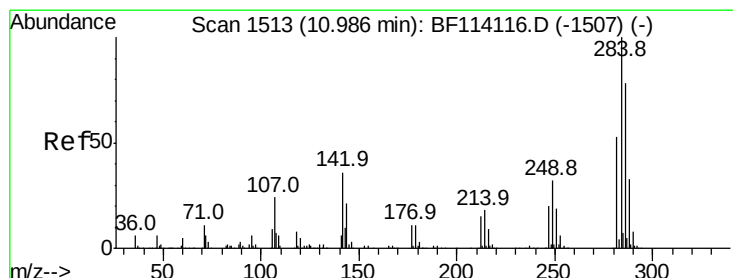
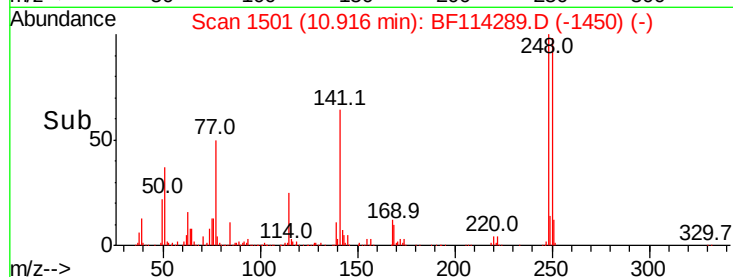
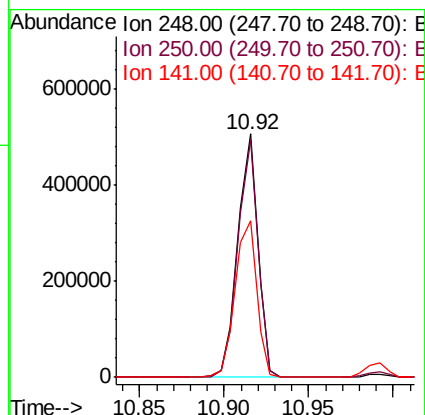
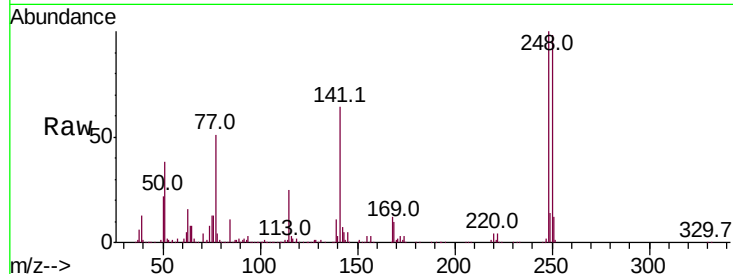




#67
4-Bromophenyl-phenylether
Concen: 39.843 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

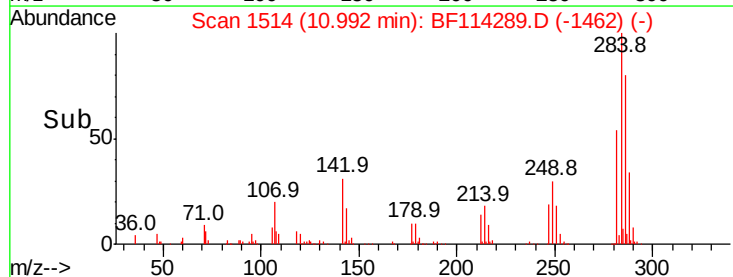
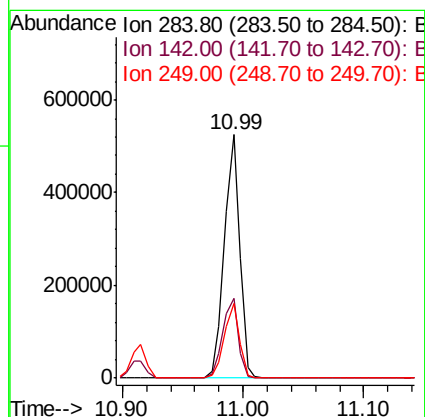
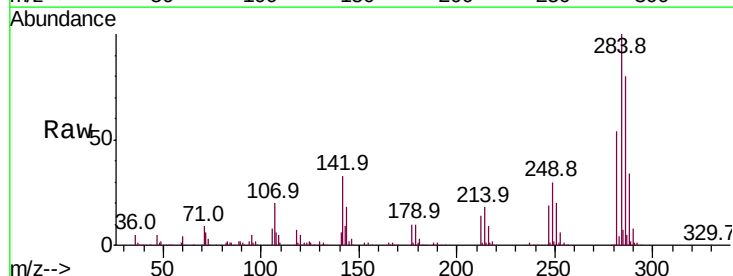
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

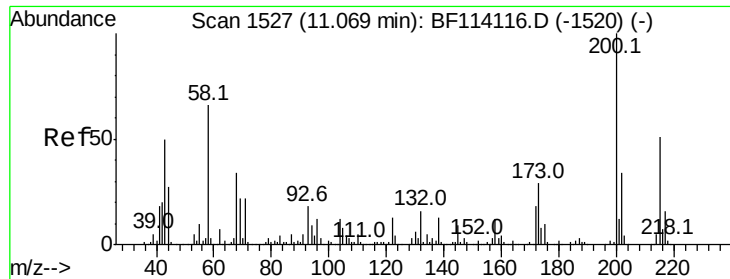
Tot Ion:248 Resp: 422181
Ion Ratio Lower Upper
248 100
250 97.6 77.4 116.2
141 64.4 55.6 83.4



#68
Hexachlorobenzene
Concen: 39.274 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

Tgt Ion:284 Resp: 460366
Ion Ratio Lower Upper
284 100
142 32.8 28.4 42.6
249 30.5 25.2 37.8

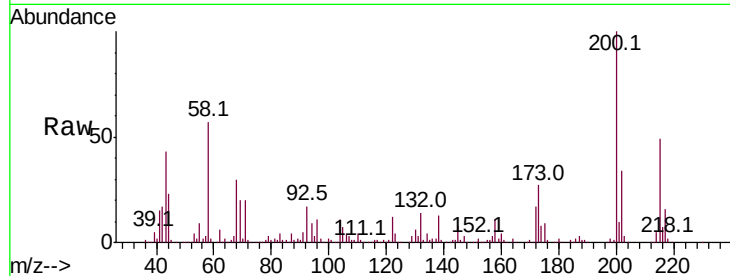




#69
Atrazine
Concen: 39.205 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	8.9	48.9
215	48.8	30.7	70.7

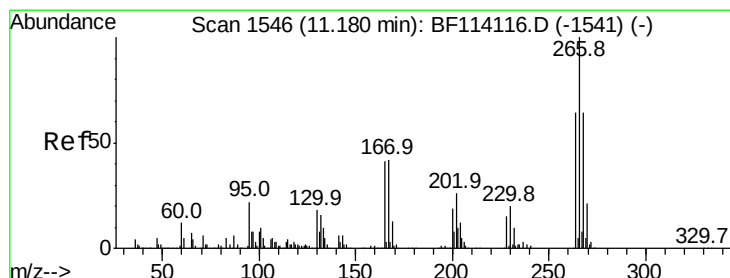
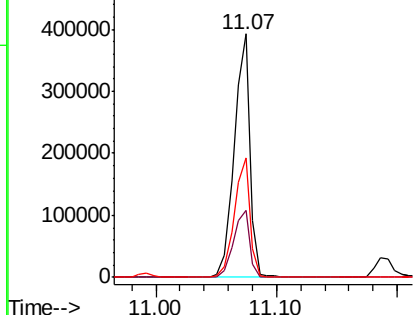
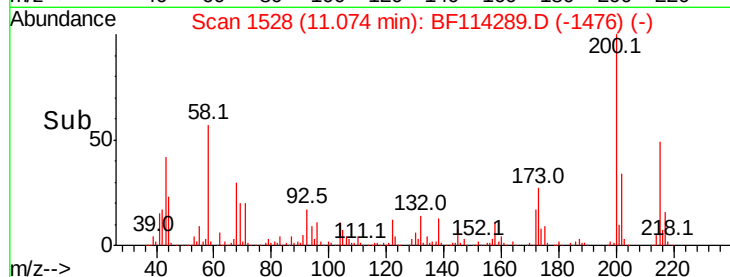


Abundance

Ion 200.00 (199.70 to 200.70): E

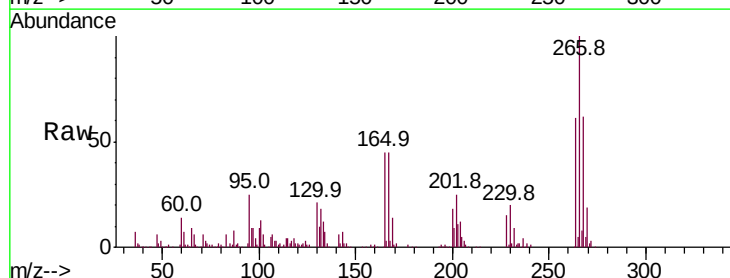
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 42.108 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.01 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	51.1	76.7
264	61.3	51.1	76.7

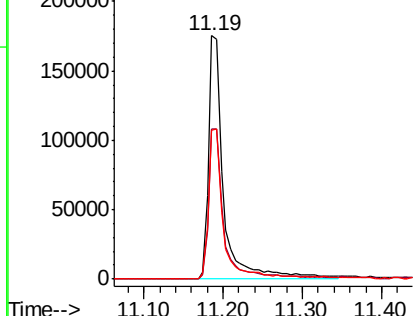
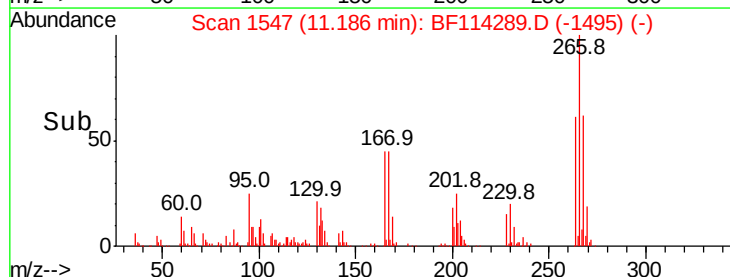


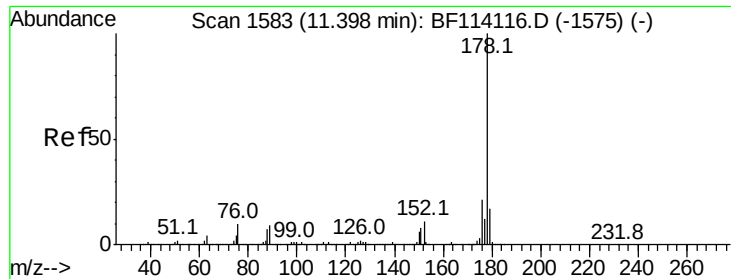
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

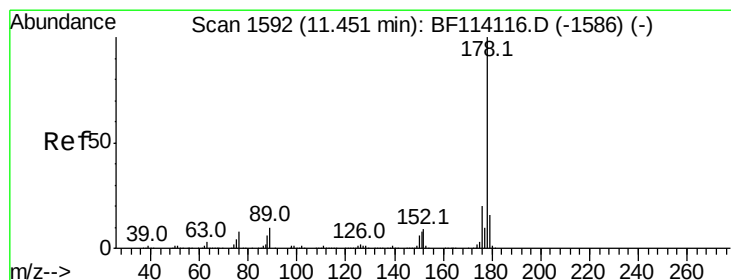
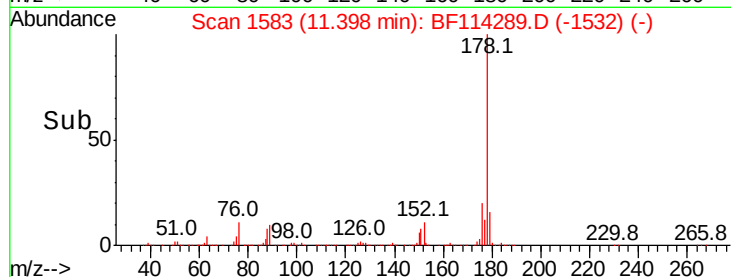
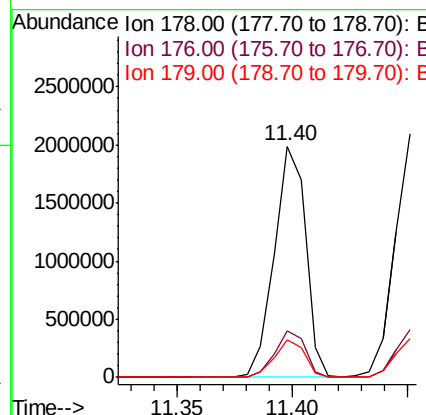
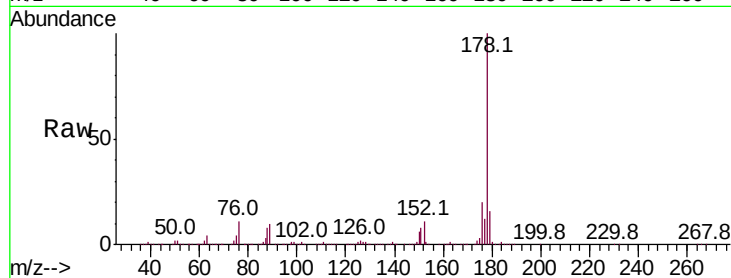




#71
Phenanthrene
Concen: 40.242 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

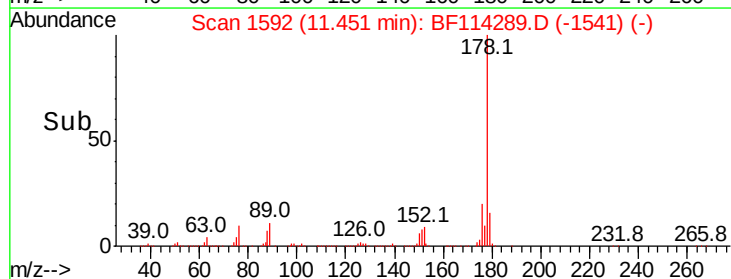
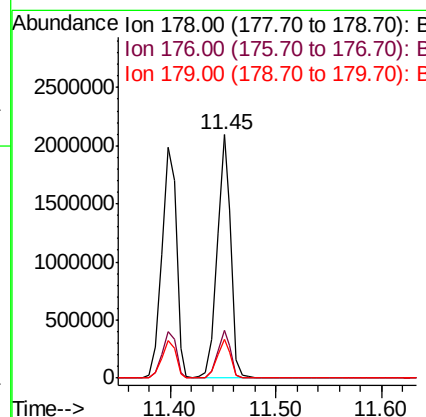
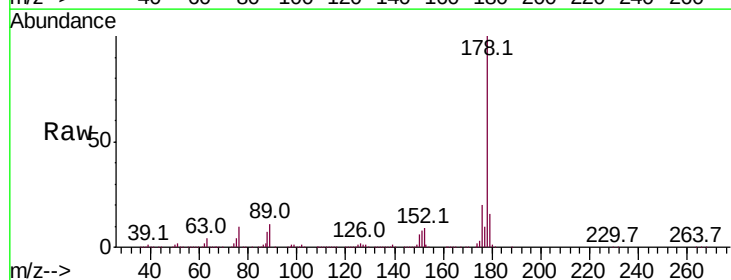
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

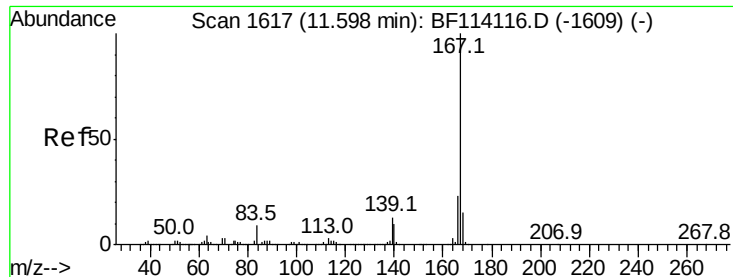
Tot Ion:178 Resp: 1884108
Ion Ratio Lower Upper
178 100
176 20.0 16.4 24.6
179 16.2 13.2 19.8



#72
Anthracene
Concen: 40.516 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

Tgt Ion:178 Resp: 1905348
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 16.1 13.0 19.4





#73

Carbazole

Concen: 41.108 ng

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

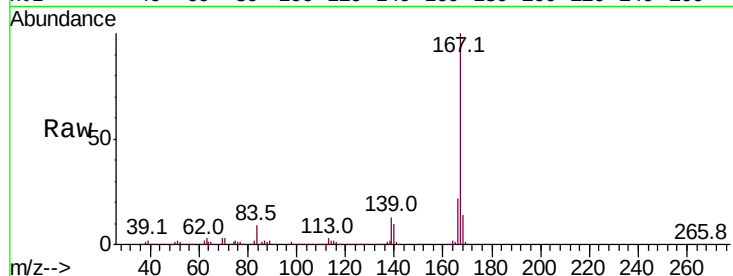
Tot Ion:167 Resp: 1843455

Ion Ratio Lower Upper

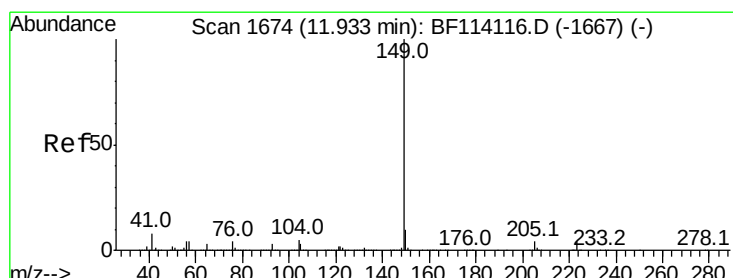
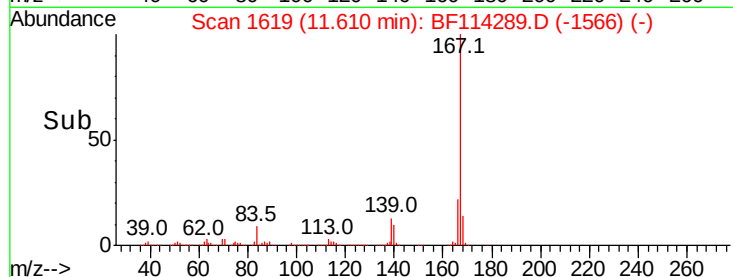
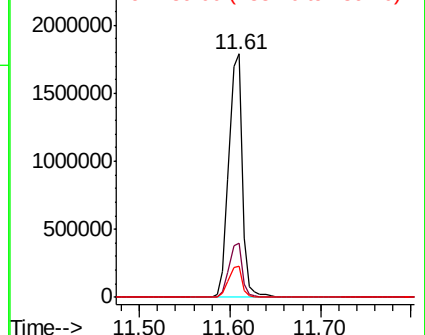
167 100

166 22.1 18.2 27.2

139 12.7 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.784 ng

RT: 11.93 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

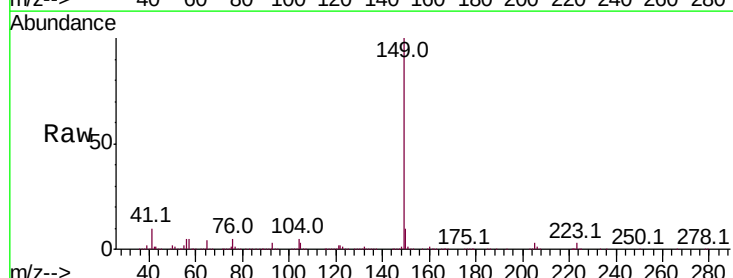
Tgt Ion:149 Resp: 2158734

Ion Ratio Lower Upper

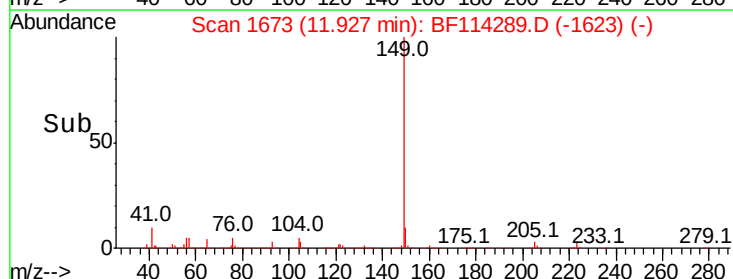
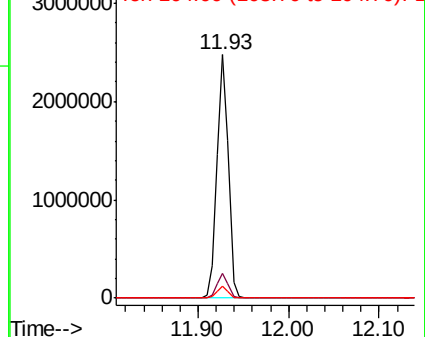
149 100

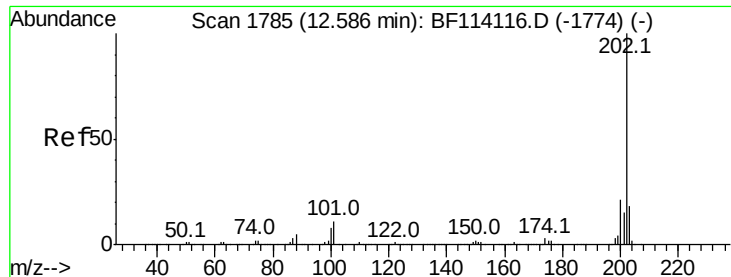
150 10.1 7.7 11.5

104 4.9 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.903 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

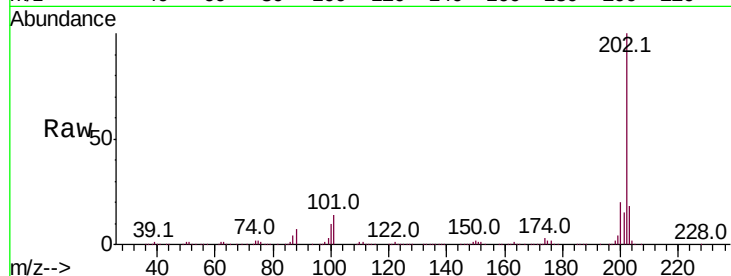
Tot Ion:202 Resp: 2011855

Ion Ratio Lower Upper

202 100

101 13.6 0.0 31.0

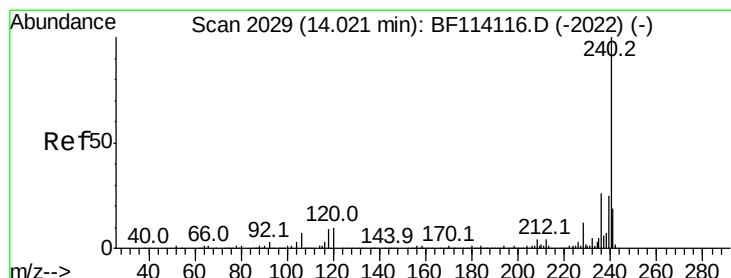
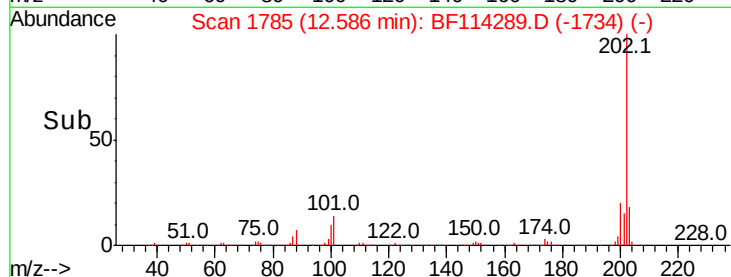
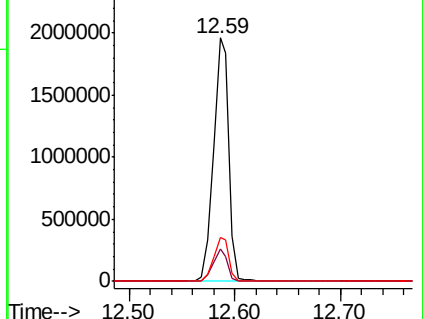
203 18.3 0.0 38.4



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: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

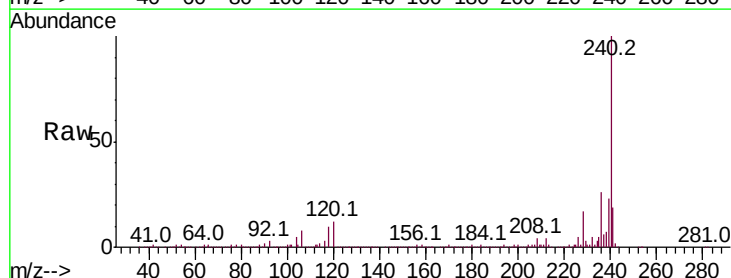
Tgt Ion:240 Resp: 647692

Ion Ratio Lower Upper

240 100

120 11.8 8.3 12.5

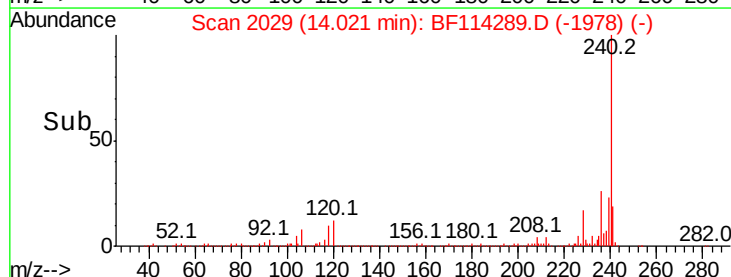
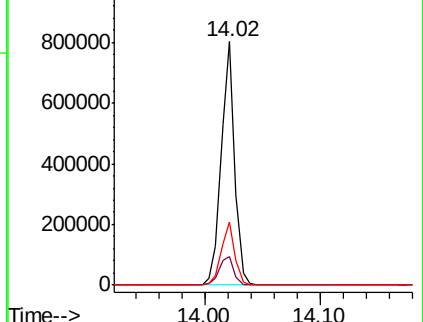
236 26.1 20.8 31.2

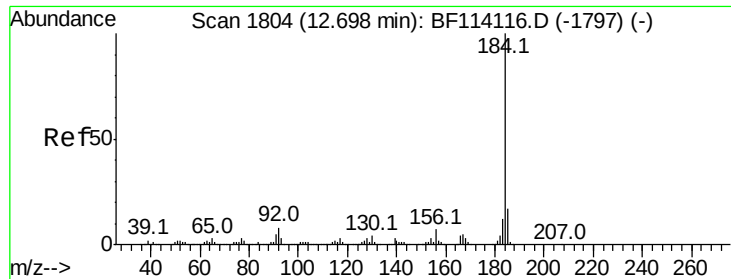


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.524 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

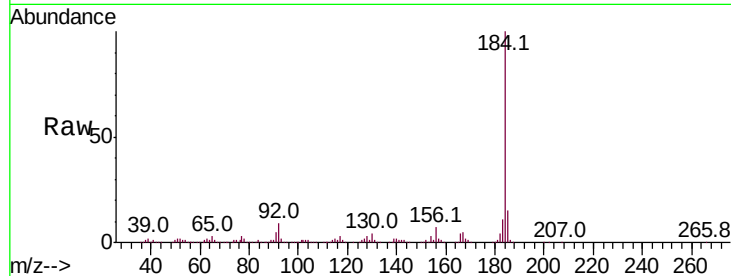
Tot Ion:184 Resp: 800238

Ion Ratio Lower Upper

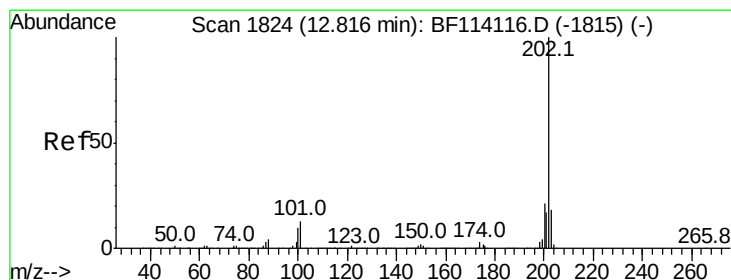
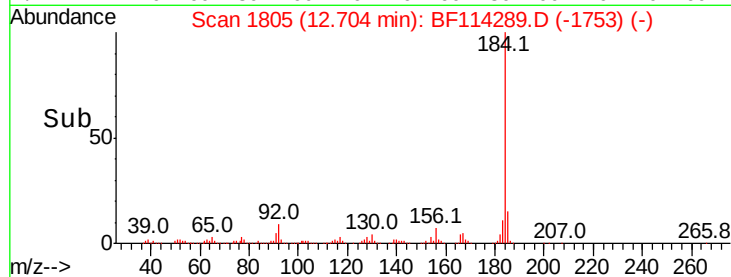
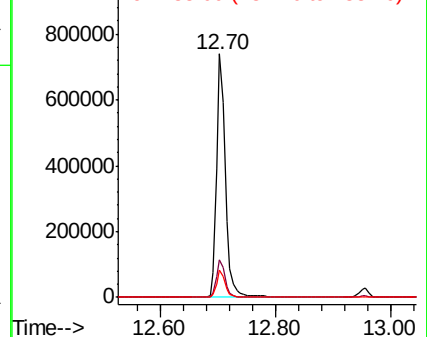
184 100

185 15.4 13.6 20.4

183 11.0 9.2 13.8



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: 39.469 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

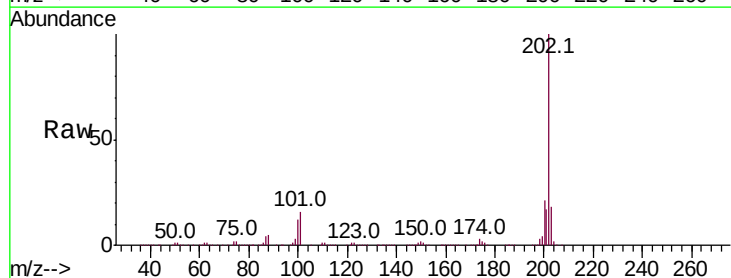
Tgt Ion:202 Resp: 2056464

Ion Ratio Lower Upper

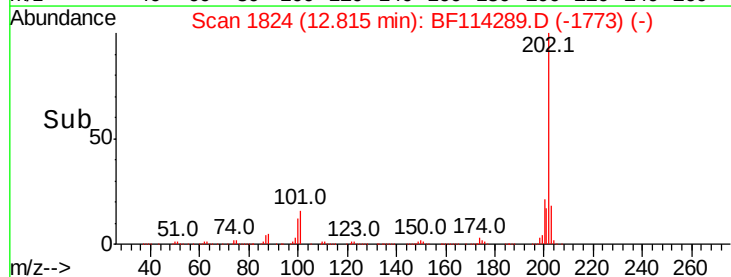
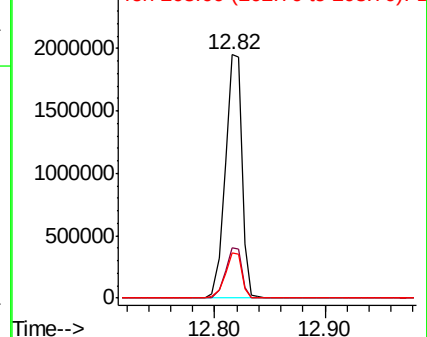
202 100

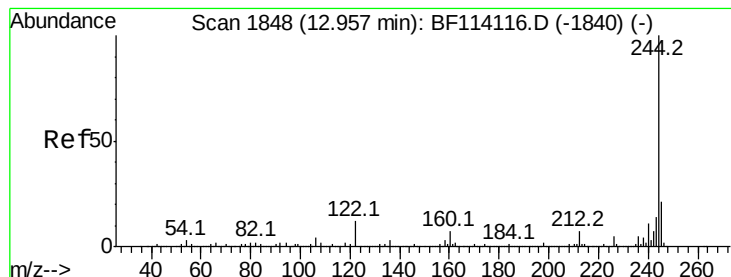
200 20.9 16.9 25.3

203 18.4 14.5 21.7



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: 77.272 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

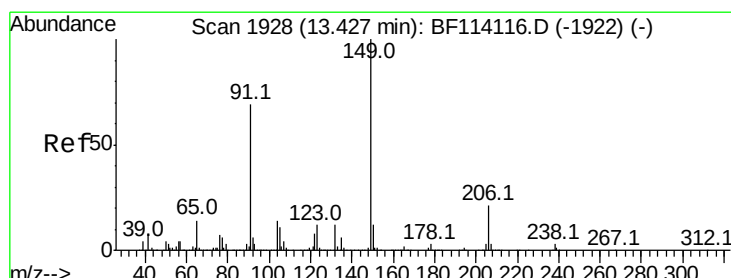
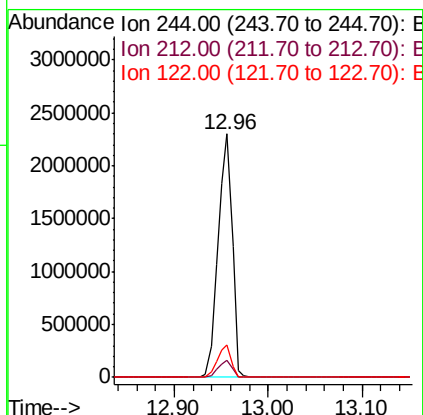
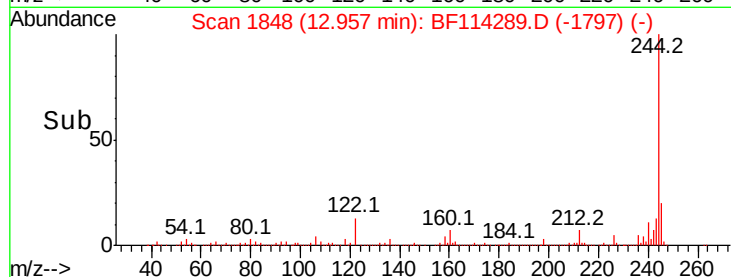
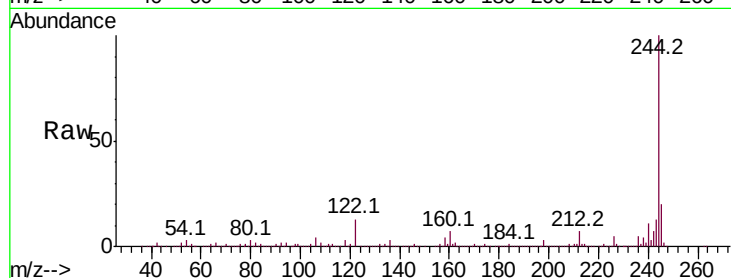
Tot Ion:244 Resp: 2427860

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 13.1 9.4 14.2



#80

Butylbenzylphthalate

Concen: 43.355 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

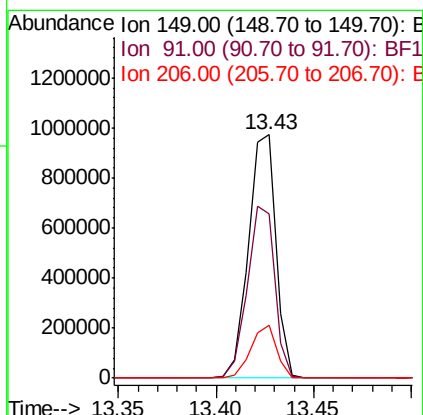
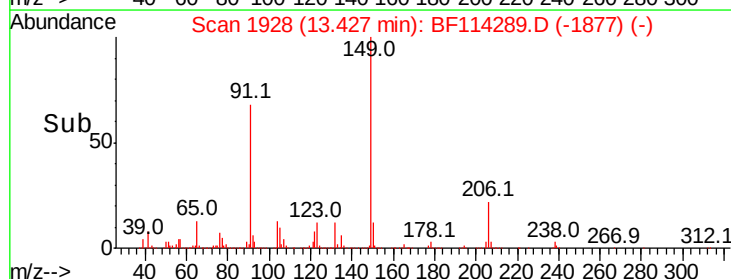
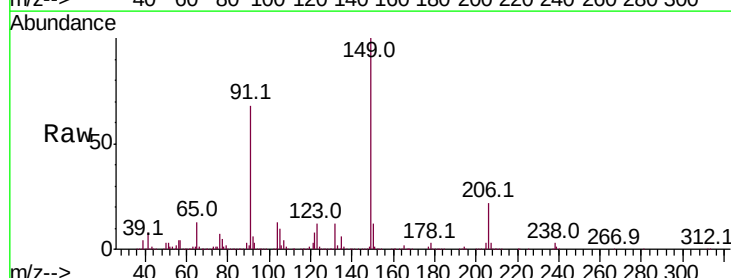
Tgt Ion:149 Resp: 950823

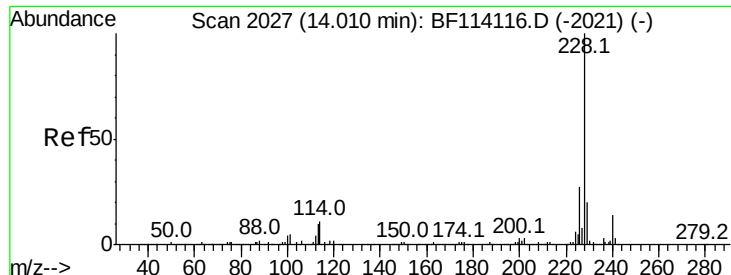
Ion Ratio Lower Upper

149 100

91 67.7 55.0 82.4

206 21.6 16.9 25.3





#81

Benzo(a)anthracene

Concen: 42.213 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

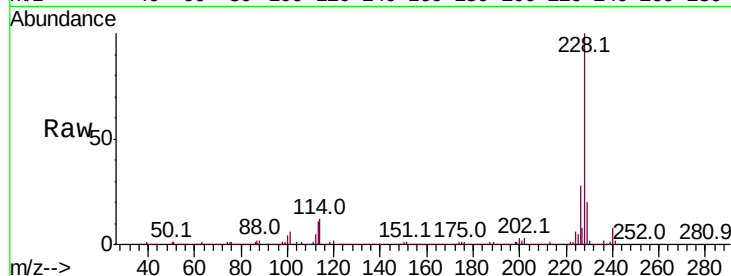
Tot Ion:228 Resp: 1768408

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.2	33.2
229	20.5	16.4	24.6

228 100

226 27.9 22.2 33.2

229 20.5 16.4 24.6

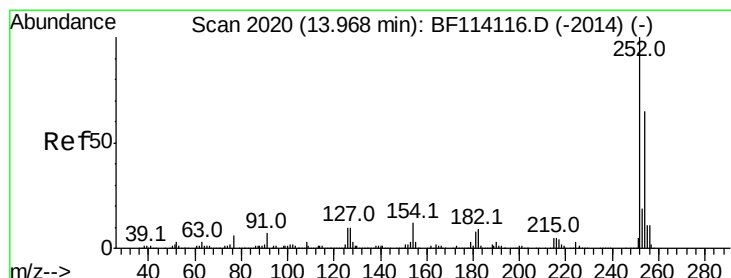
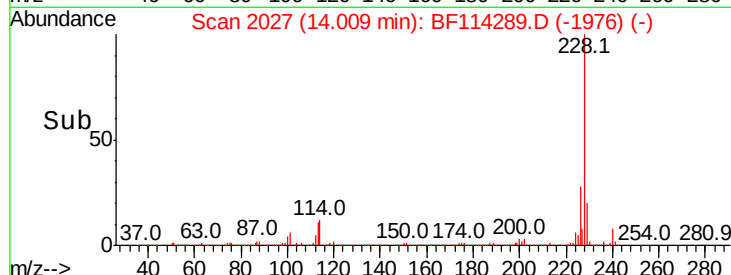
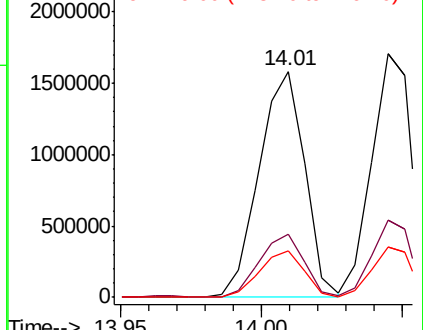


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 41.514 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

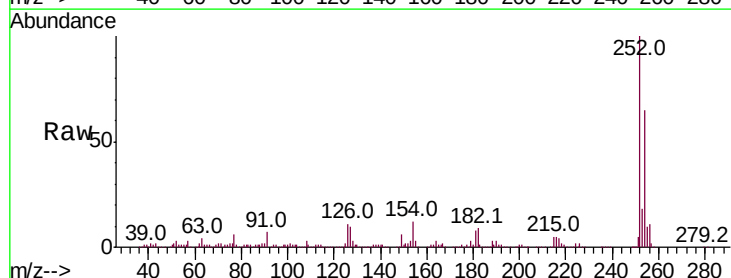
Tgt Ion:252 Resp: 674659

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.9	77.9
126	10.6	7.9	11.9

252 100

254 64.7 51.9 77.9

126 10.6 7.9 11.9

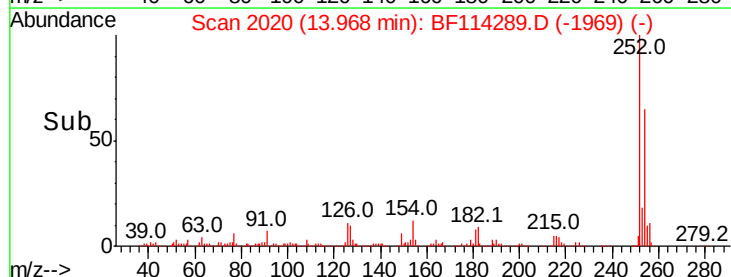
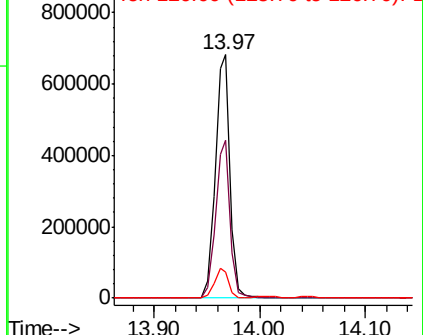


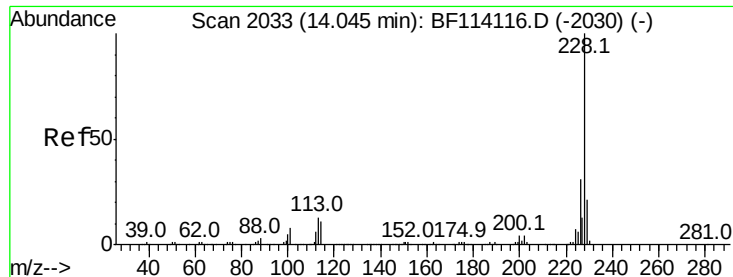
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



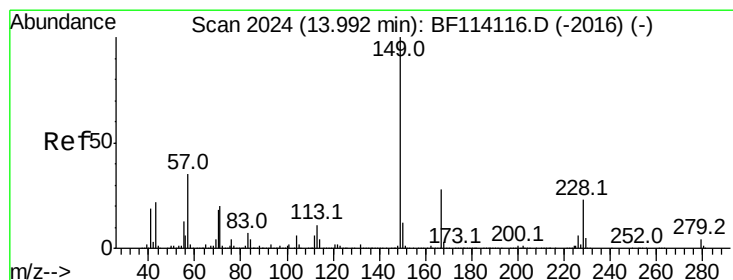
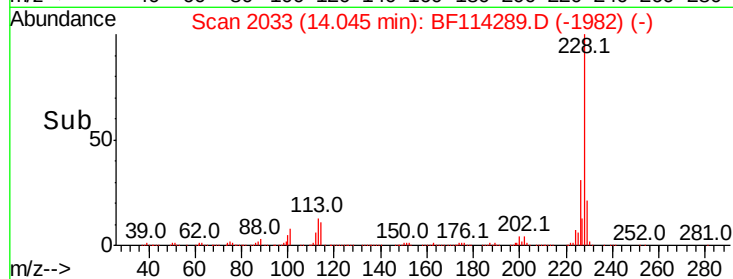
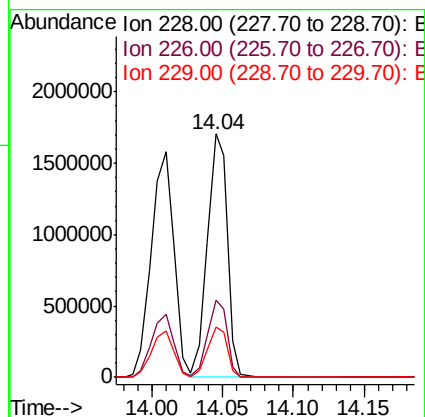
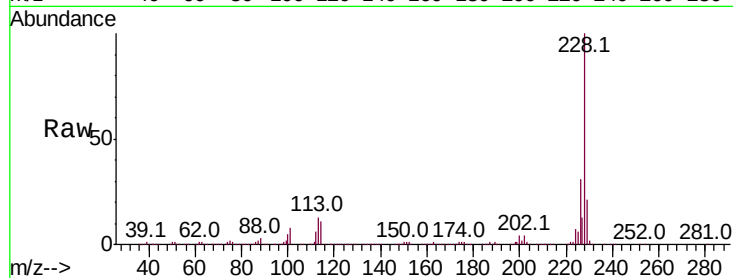


#83
 Chrysene
 Concen: 40.615 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BF114289.D
 Acq: 15 May 2019 17:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 1667920

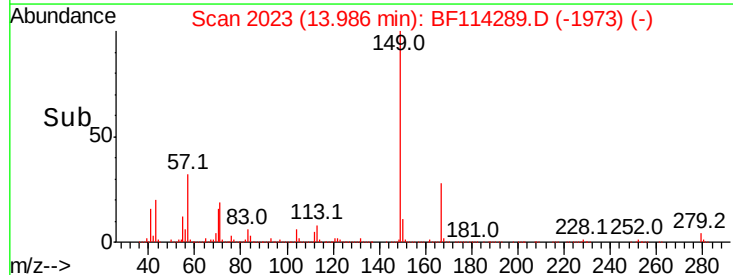
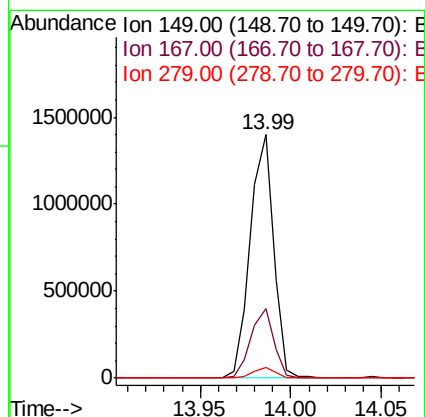
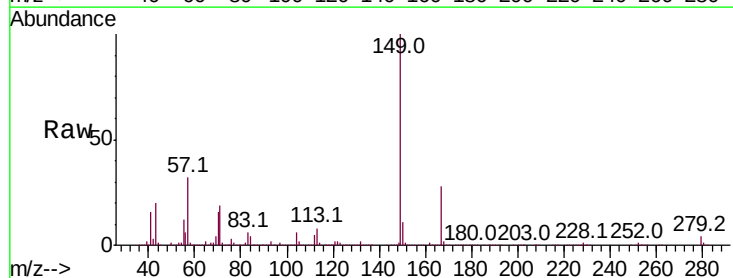
Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.8	17.0	25.6

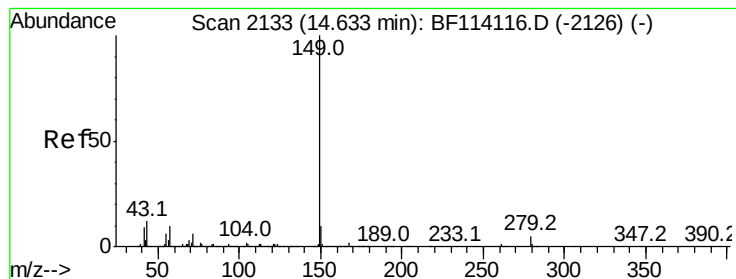


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.062 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF114289.D
 Acq: 15 May 2019 17:21

Tgt Ion:149 Resp: 1263806

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.6	33.8
279	4.3	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 44.100 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.03 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

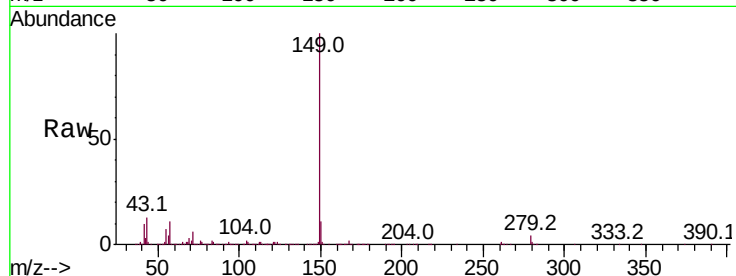
Tot Ion:149 Resp: 2050478

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

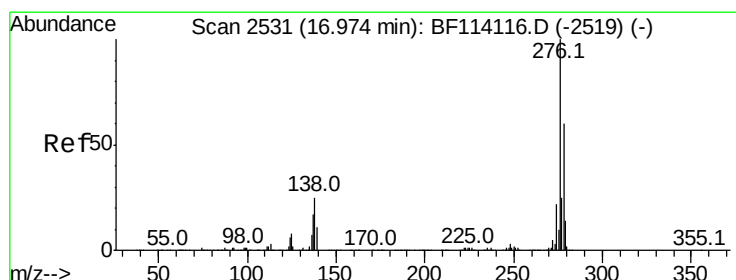
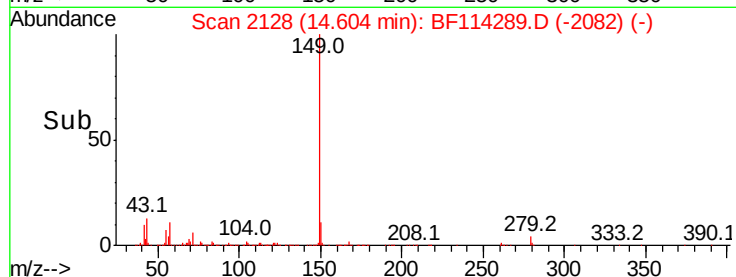
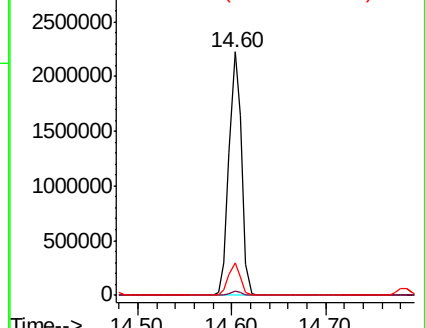
43 12.6 10.1 15.1



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: 38.365 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.01 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

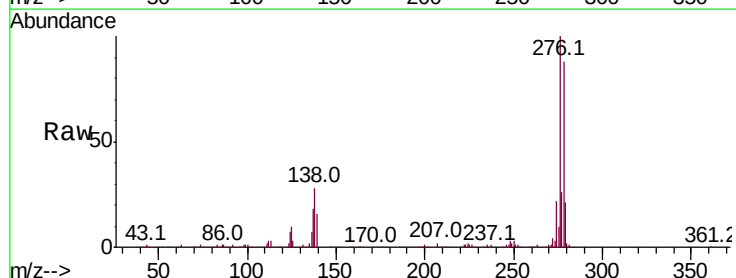
Tgt Ion:276 Resp: 1392412

Ion Ratio Lower Upper

276 100

138 26.5 20.2 30.2

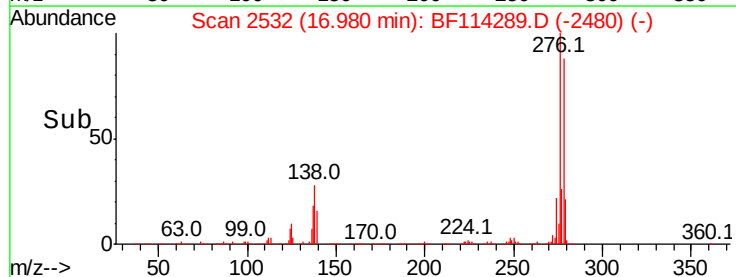
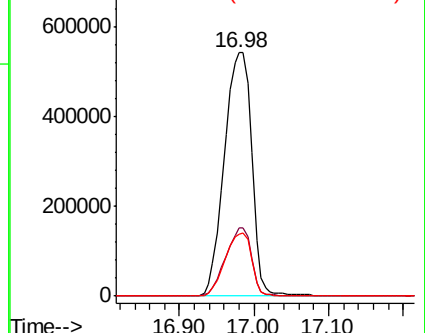
277 25.1 20.0 30.0

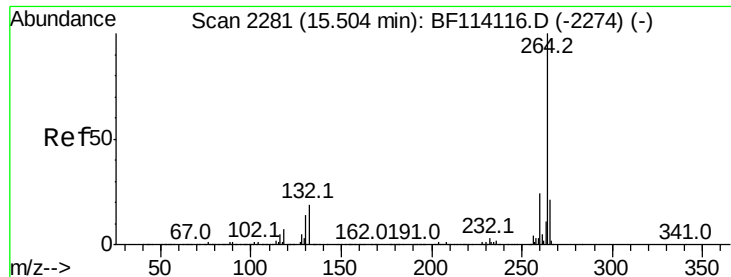


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

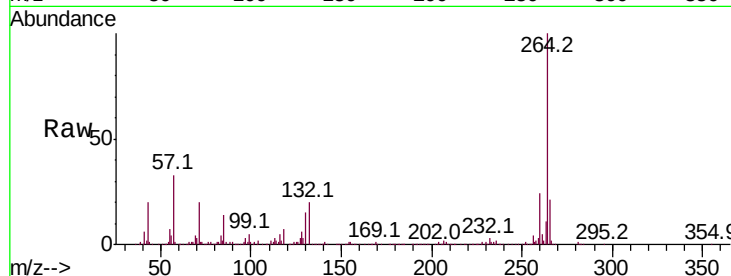
Tot Ion:264 Resp: 574912

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.0

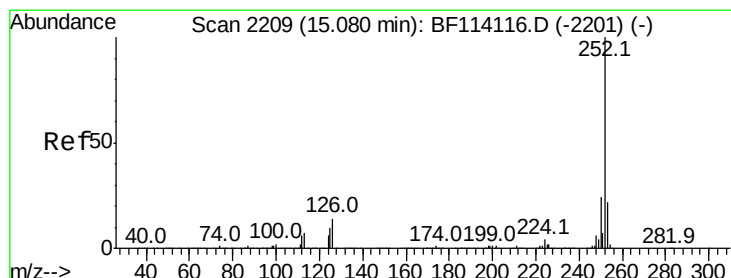
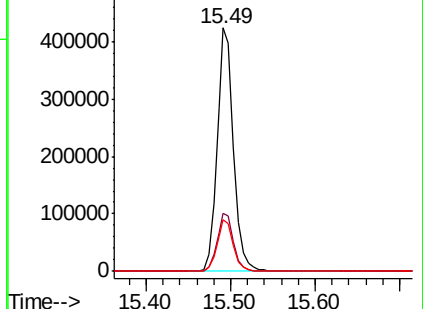
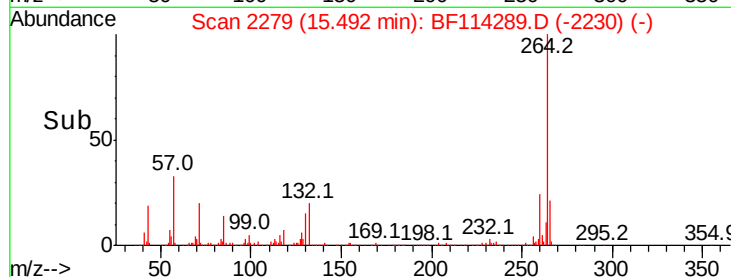
265 21.3 16.9 25.3



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: 42.808 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF114289.D

Acq: 15 May 2019 17:21

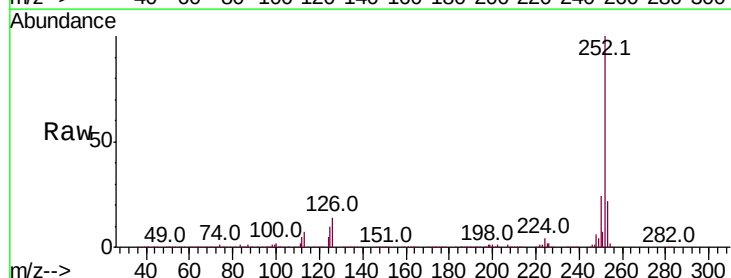
Tgt Ion:252 Resp: 1576714

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

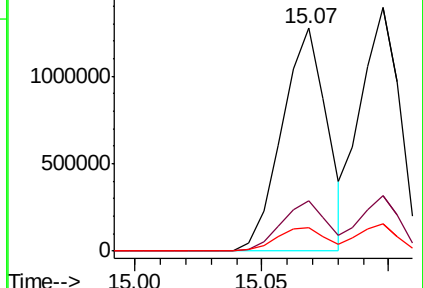
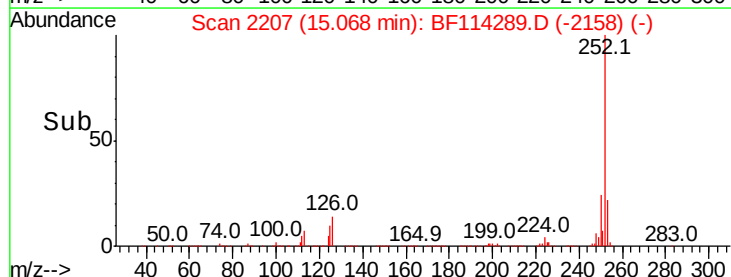
125 10.3 8.3 12.5

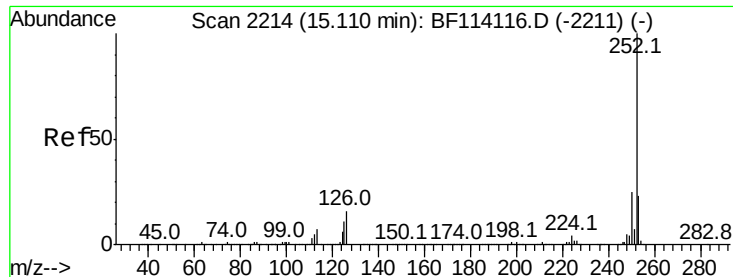


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.642 ng

RT: 15.10 min Scan# 2212

Delta R.T. -0.01 min

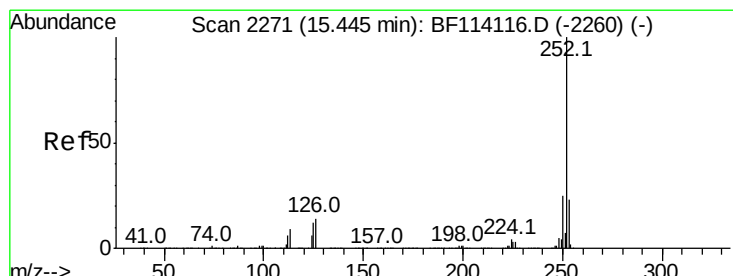
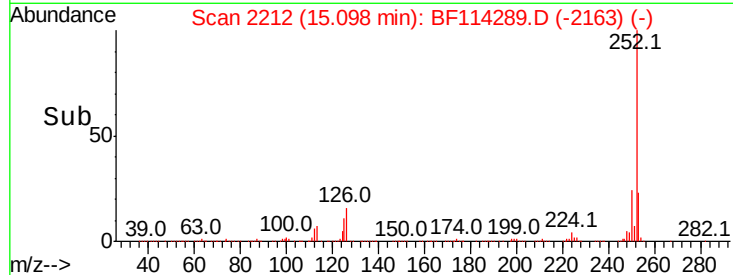
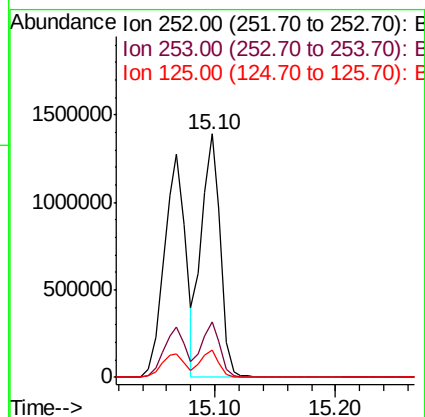
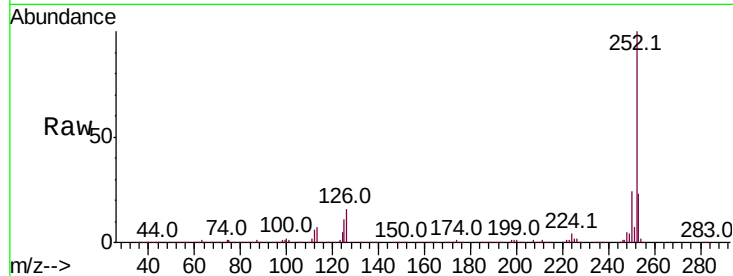
Lab File: BF114289.D

Acq: 15 May 2019 17:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1510417

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	11.1	8.6	13.0



#90

Benzo(a)pyrene

Concen: 43.355 ng

RT: 15.43 min Scan# 2269

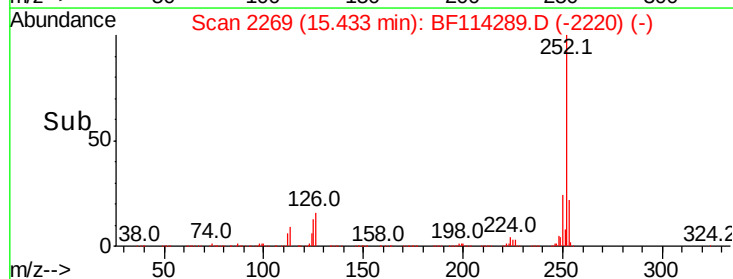
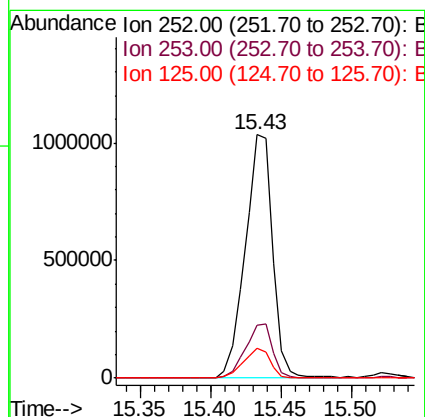
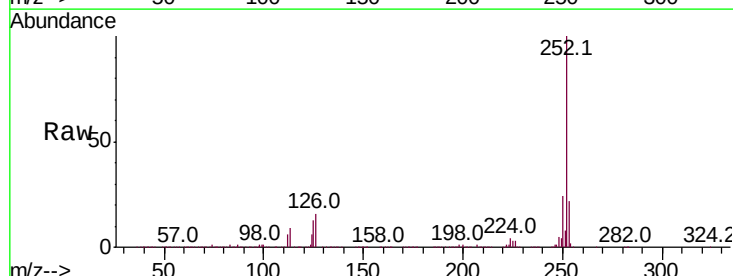
Delta R.T. -0.01 min

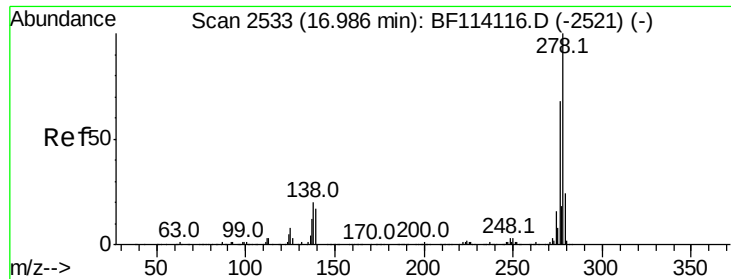
Lab File: BF114289.D

Acq: 15 May 2019 17:21

Tgt Ion:252 Resp: 1405355

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	12.5	9.5	14.3

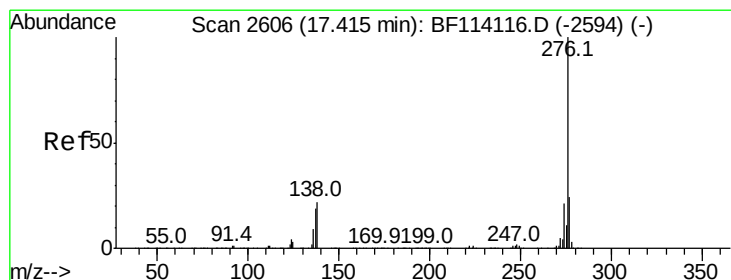
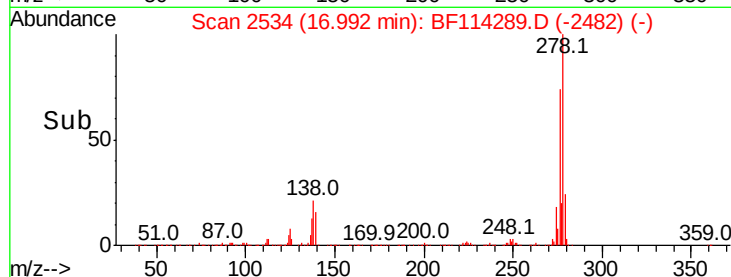
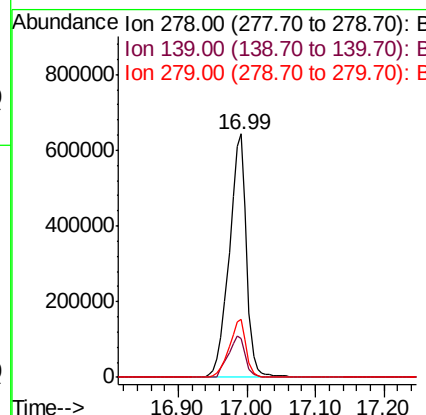
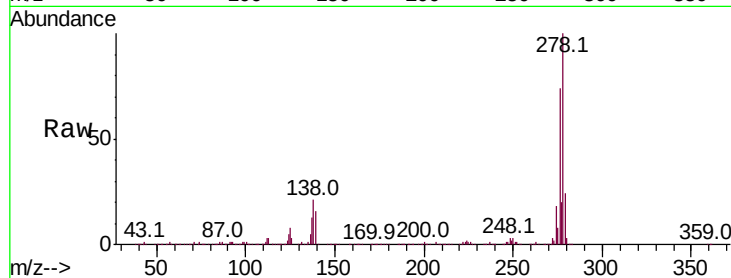




#91
Dibenzo(a,h)anthracene
Concen: 41.870 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1127783
Ion Ratio Lower Upper
278 100
139 15.9 13.5 20.3
279 23.6 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 42.999 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.01 min
Lab File: BF114289.D
Acq: 15 May 2019 17:21

Tgt Ion:276 Resp: 1160695
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.4
138 23.0 17.8 26.6

