

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042420\
 Data File : BF120194.D
 Acq On : 24 Apr 2020 11:34
 Operator : MA/SJ
 Sample : L2360-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GREENWALL

Quant Time: Apr 24 12:34:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 10:24:30 2020
 Response via : Initial Calibration

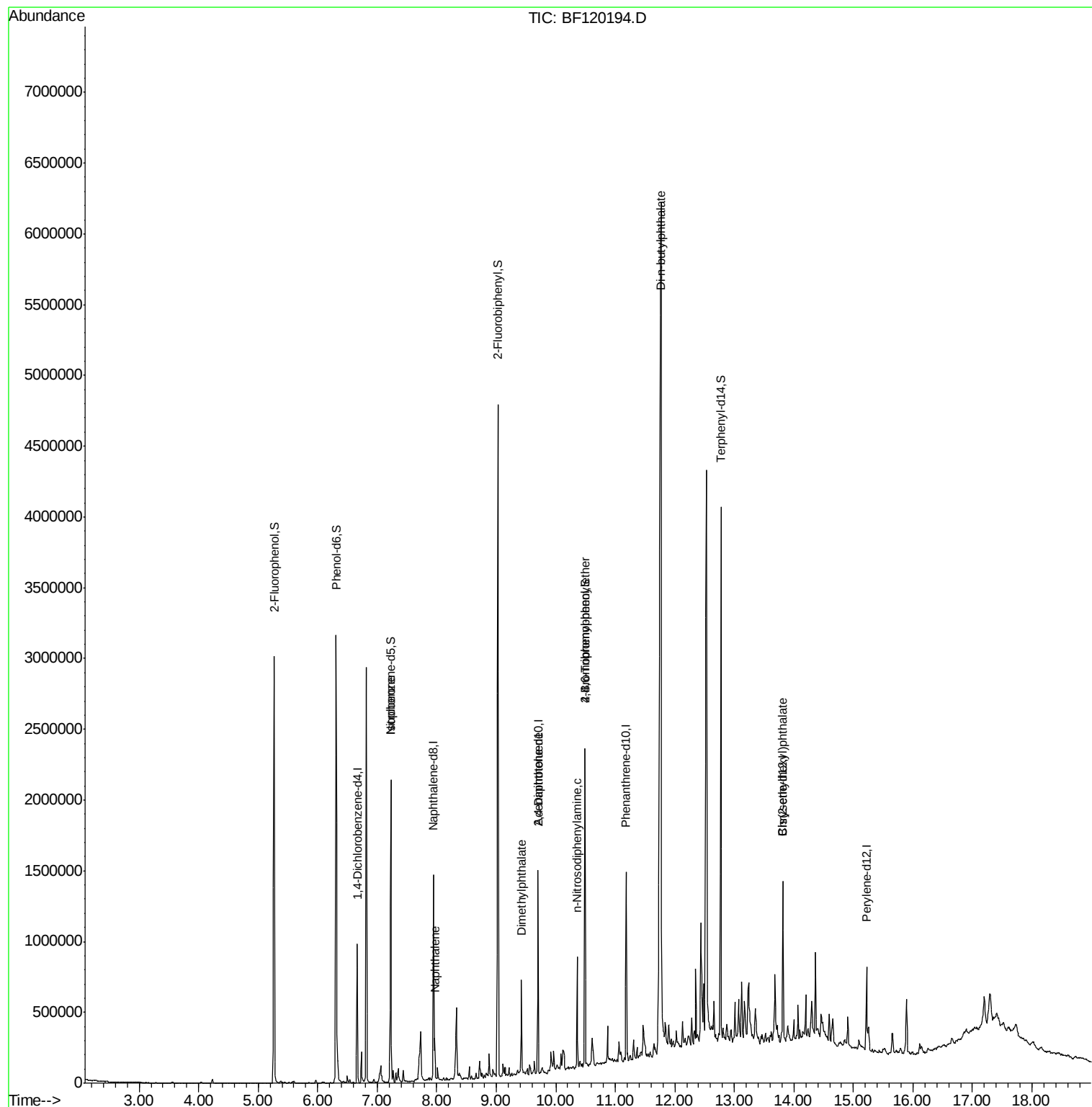
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	142444	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	543977	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	278120	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	480648	20.00	ng	0.00
76) Chrysene-d12	13.82	240	281376	20.00	ng	-0.01
87) Perylene-d12	15.22	264	254725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	824655	100.05	ng	0.00
7) Phenol-d6	6.31	99	1122384	105.68	ng	0.00
23) Nitrobenzene-d5	7.23	82	736146	70.01	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	254035	74.60	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1415753	72.27	ng	0.00
79) Terphenyl-d14	12.77	244	1267376	75.79	ng	0.00
Target Compounds						
9) Benzaldehyde	6.22	77	656	Below Cal		Qvalue # 86
25) Isophorone	7.23	82	732218	36.124	ng	# 65
31) Naphthalene	7.97	128	110017	3.844	ng	96
50) Dimethylphthalate	9.42	163	226618	10.534	ng	99
57) 2,4-Dinitrotoluene	9.70	165	36312	5.851	ng	# 20
66) n-Nitrosodiphenylamine	10.36	169	182527	11.419	ng	97
67) 4-Bromophenyl-phenylether	10.49	248	15894	2.659	ng	# 1
74) Di-n-butylphthalate	11.76	149	156344	4.813	ng	98
84) Bis(2-ethylhexyl)phthalate	13.81	149	111139	7.130	ng	100

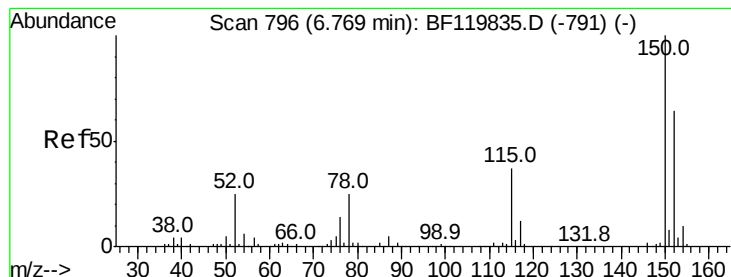
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 33 Sample Multiplier: 1

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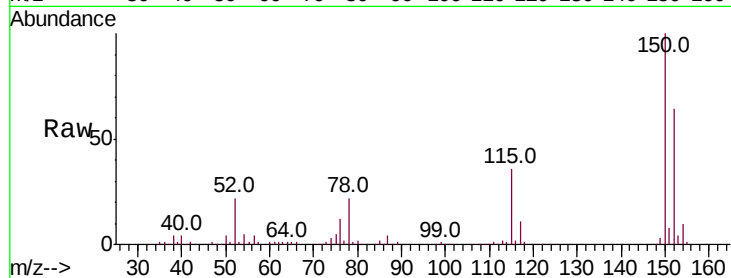


#1

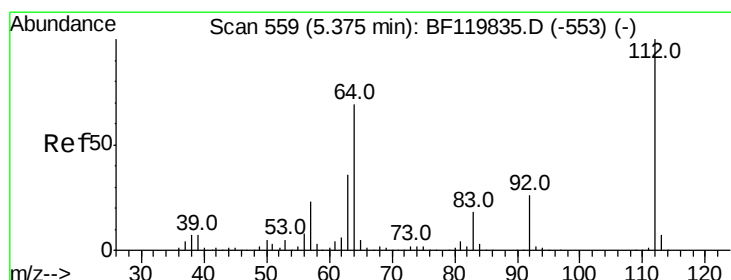
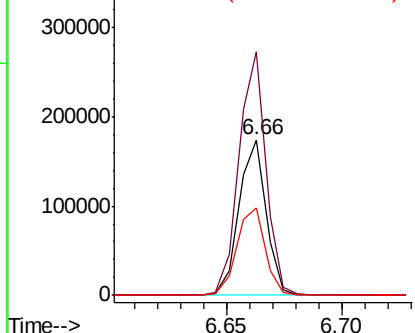
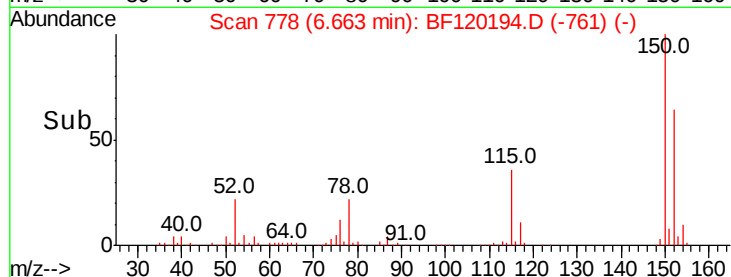
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF120194.D
 Acq: 24 Apr 2020 11:34

Instrument :
 BNA_F
 ClientSampleId :
 GREENWALL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.5	186.7
115	56.5	49.6	74.4



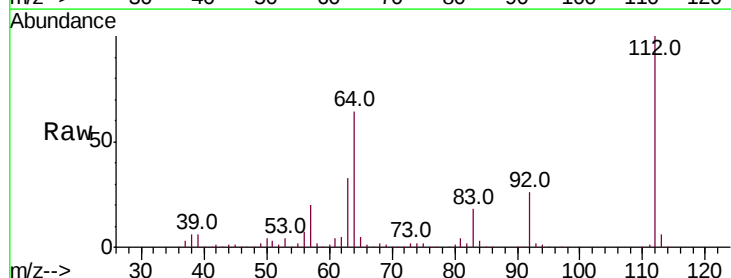
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



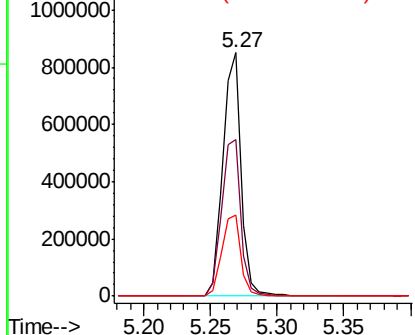
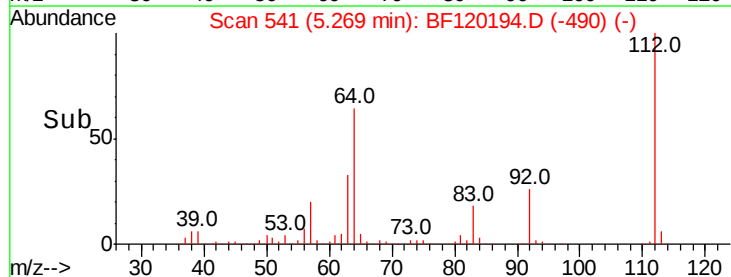
#5

2-Fluorophenol
 Concen: 100.050 ng
 RT: 5.27 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: BF120194.D
 Acq: 24 Apr 2020 11:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	56.7	85.1
63	33.3	29.5	44.3



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 105.678 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF120194.D

Acq: 24 Apr 2020 11:34

Instrument :

BNA_F

ClientSampleId :

GREENWALL

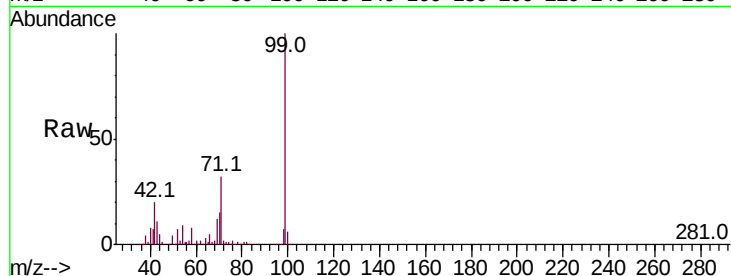
Tot Ion: 99 Resp: 1122384

Ion Ratio Lower Upper

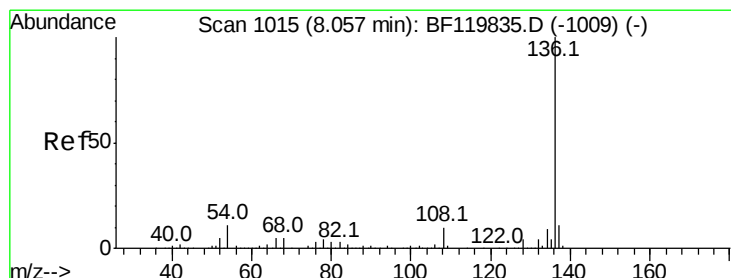
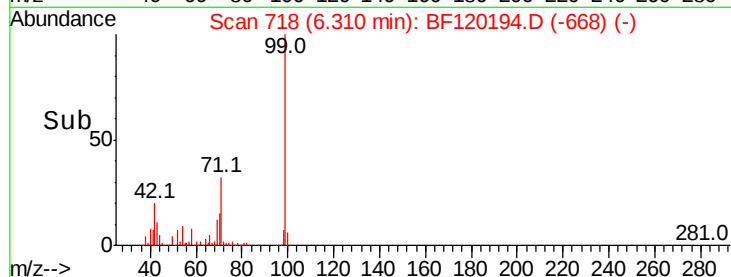
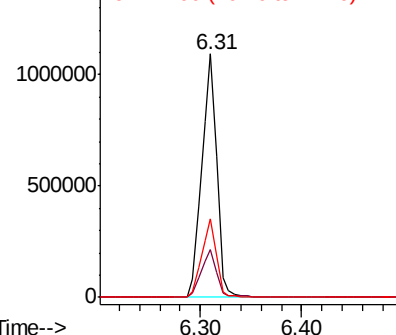
99 100

42 19.5 16.6 24.8

71 32.4 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF120194.D

Acq: 24 Apr 2020 11:34

Tgt Ion: 136 Resp: 543977

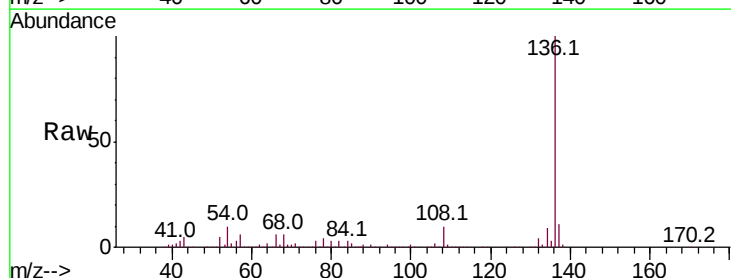
Ion Ratio Lower Upper

136 100

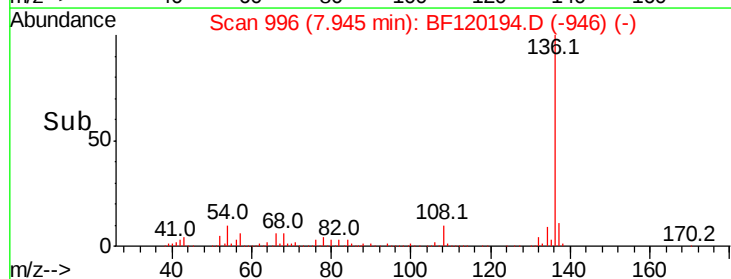
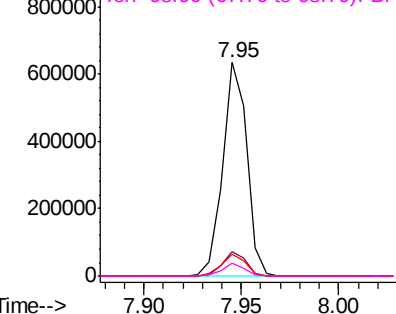
137 11.3 8.7 13.1

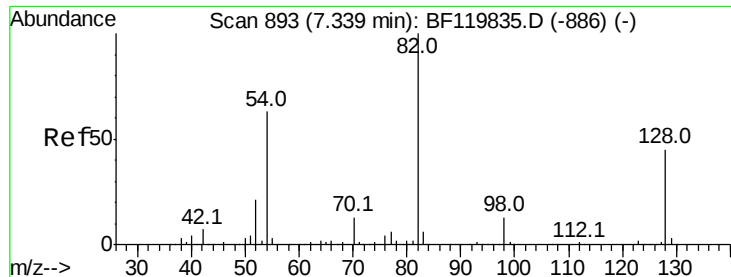
54 10.4 9.1 13.7

68 5.8 4.6 6.8



Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

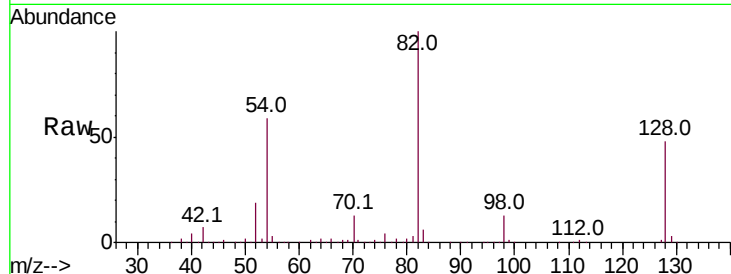




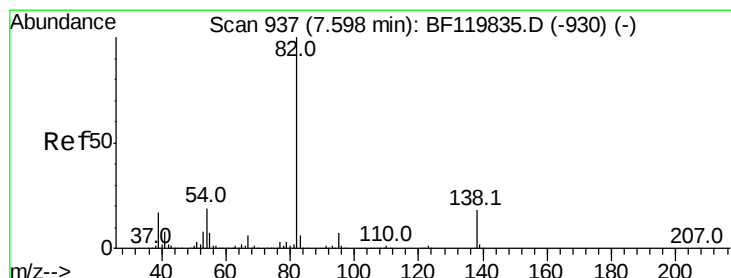
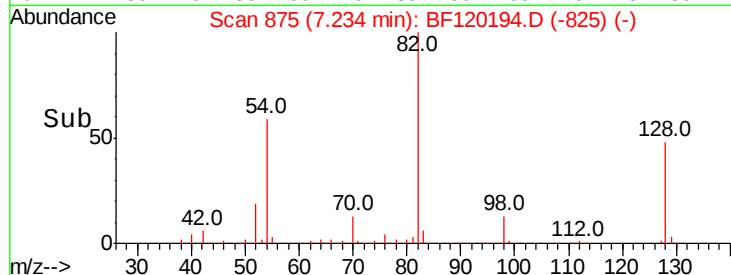
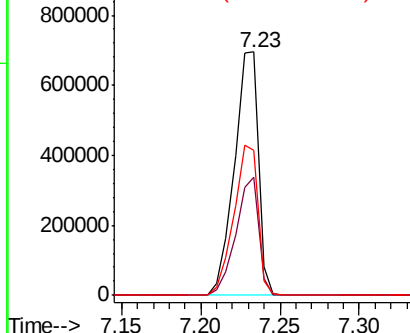
#23
Nitrobenzene-d5
Concen: 70.009 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120194.D
Acq: 24 Apr 2020 11:34

Instrument :
BNA_F
ClientSampleId :
GREENWALL

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.3	54.5
54	59.3	50.6	75.8

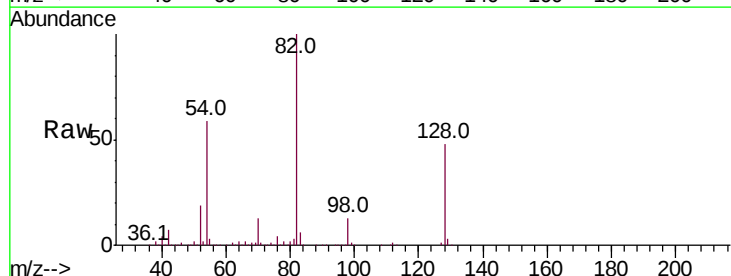


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

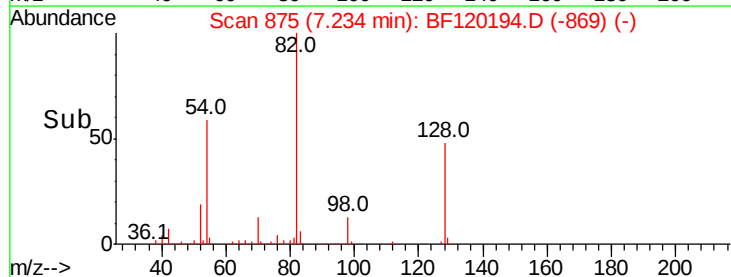
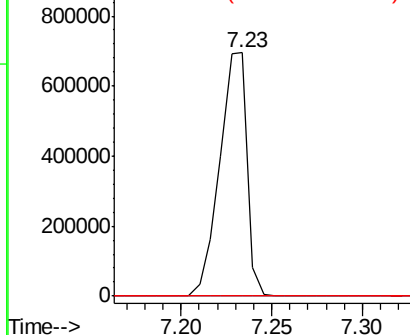


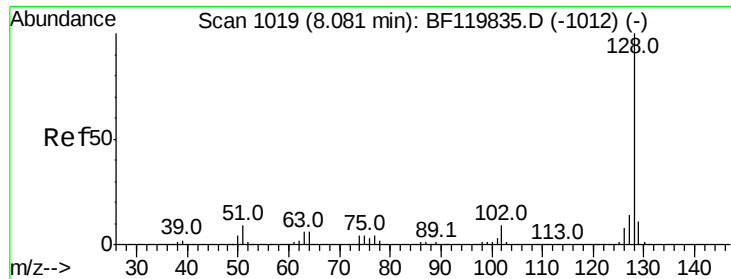
#25
Isophorone
Concen: 36.124 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.26 min
Lab File: BF120194.D
Acq: 24 Apr 2020 11:34

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

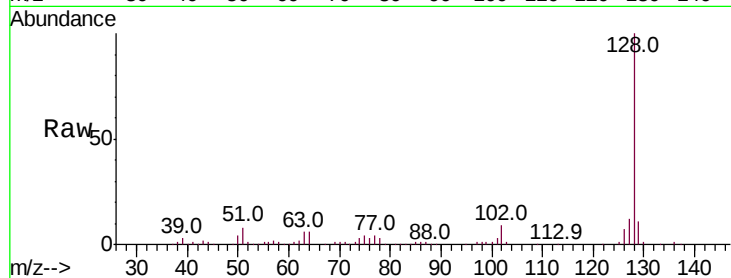




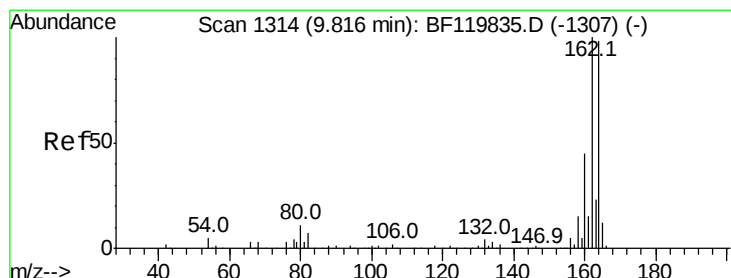
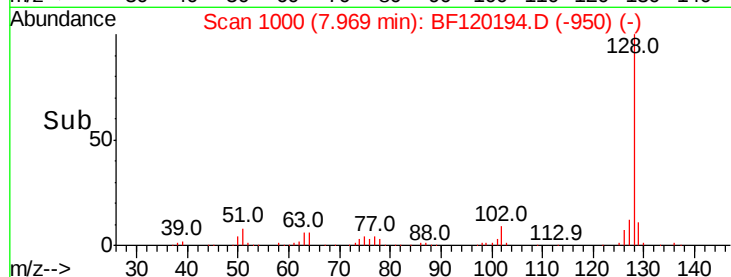
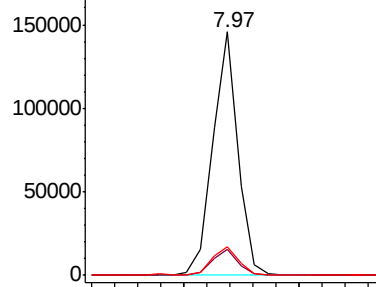
#31
Naphthalene
Concen: 3.844 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF120194.D
Acq: 24 Apr 2020 11:34

Instrument :
BNA_F
ClientSampleId :
GREENWALL

Tot Ion:128 Resp: 110017
Ion Ratio Lower Upper
128 100
129 10.9 9.5 14.3
127 12.0 11.3 16.9

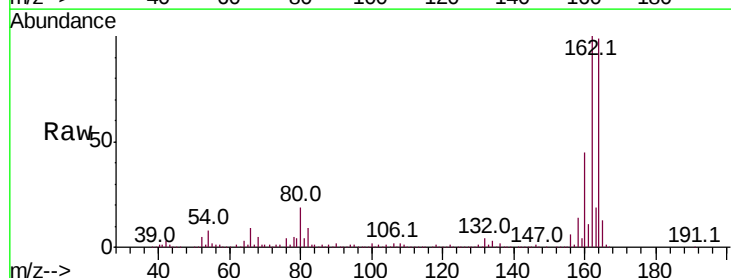


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

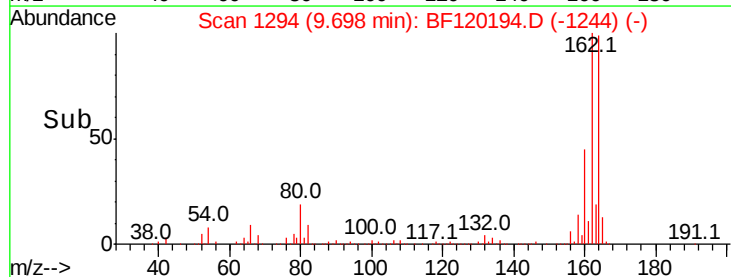
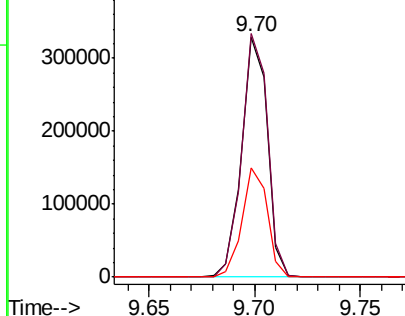


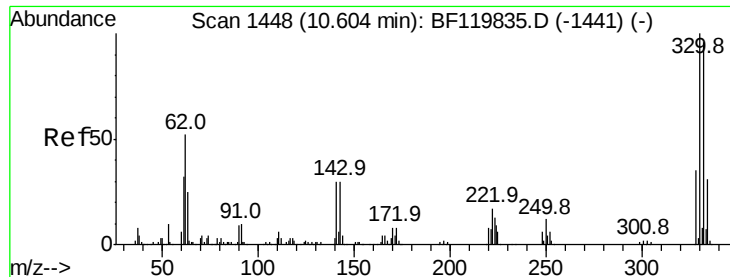
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF120194.D
Acq: 24 Apr 2020 11:34

Tgt Ion:164 Resp: 278120
Ion Ratio Lower Upper
164 100
162 101.4 80.6 121.0
160 45.4 35.7 53.5



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

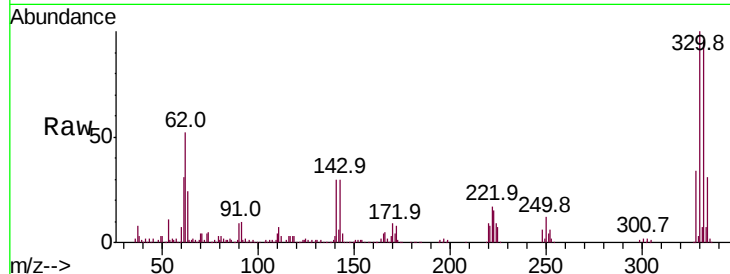




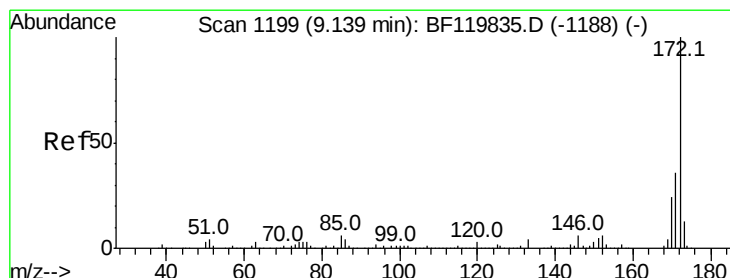
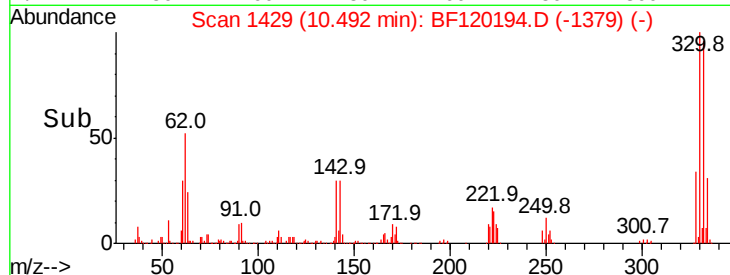
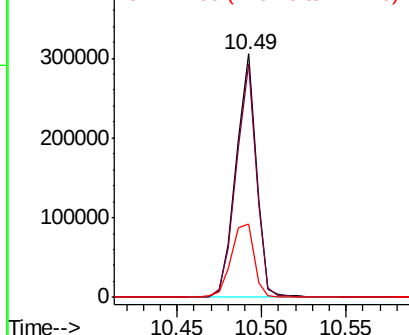
#42
 2,4,6-Tribromophenol
 Concen: 74.604 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF120194.D
 Acq: 24 Apr 2020 11:34

Instrument :
 BNA_F
 ClientSampleId :
 GREENWALL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.7	113.5
141	34.1	25.4	38.0

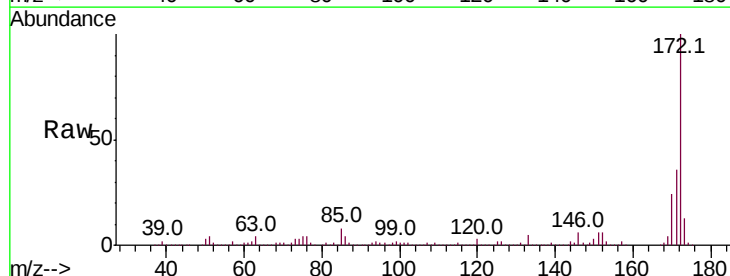


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

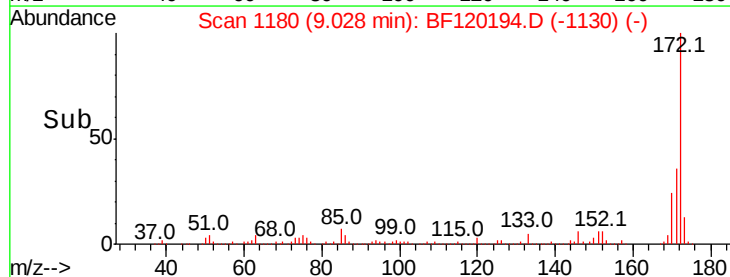
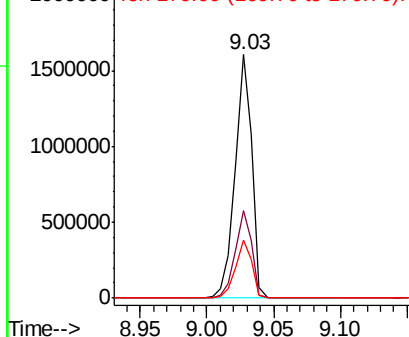


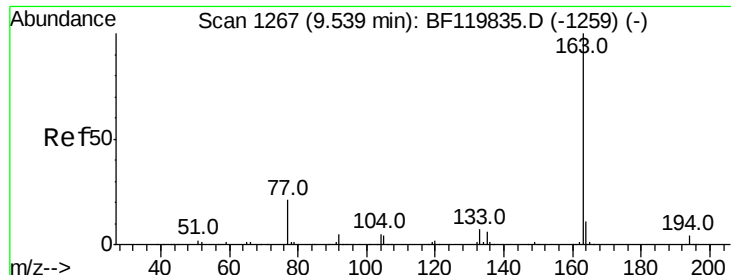
#45
 2-Fluorobiphenyl
 Concen: 72.273 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120194.D
 Acq: 24 Apr 2020 11:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.9	20.2	30.2



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

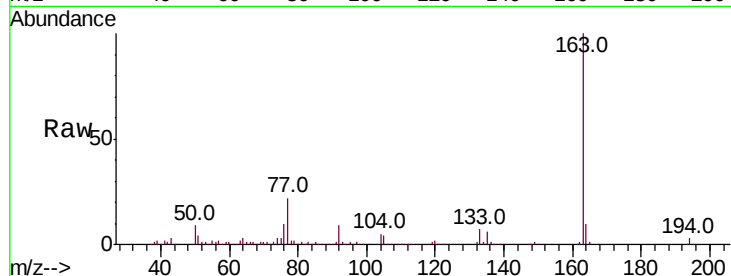




#50
Dimethylphthalate
Concen: 10.534 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF120194.D
Acq: 24 Apr 2020 11:34

Instrument :
BNA_F
ClientSampleId :
GREENWALL

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.1	4.7
164	9.8	8.2	12.2

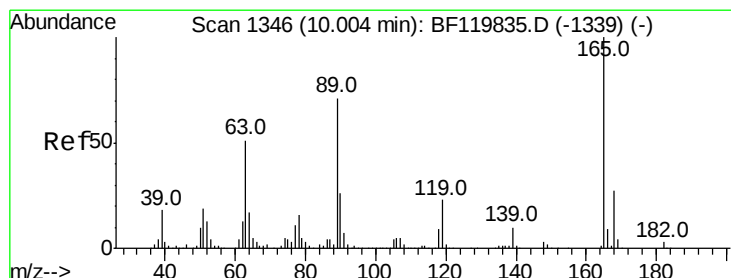
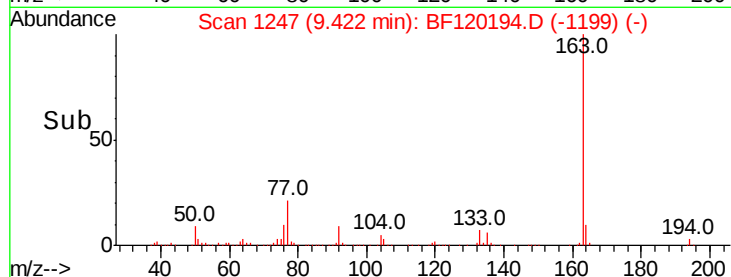
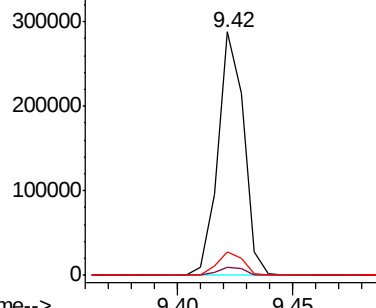


Abundance

Ion 163.00 (162.70 to 163.70): E

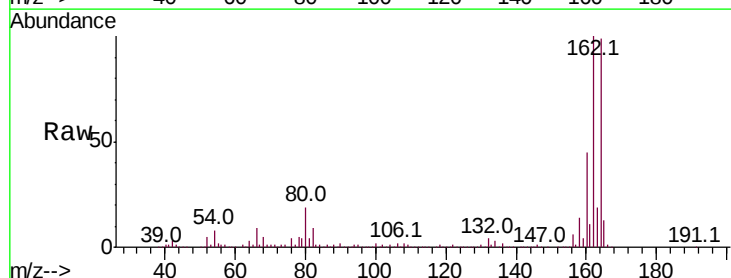
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57
2,4-Dinitrotoluene
Concen: 5.851 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.21 min
Lab File: BF120194.D
Acq: 24 Apr 2020 11:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.6	64.0#
89	1.1	61.0	91.4#
182	0.0	2.2	3.2#



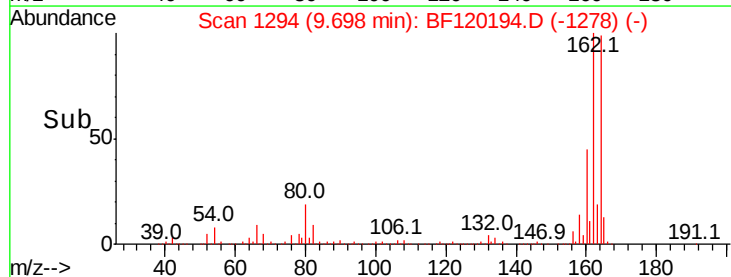
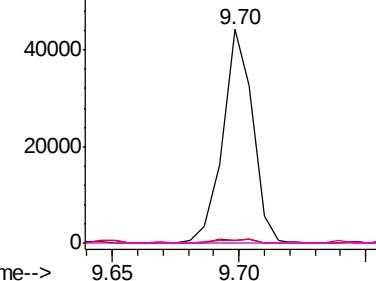
Abundance

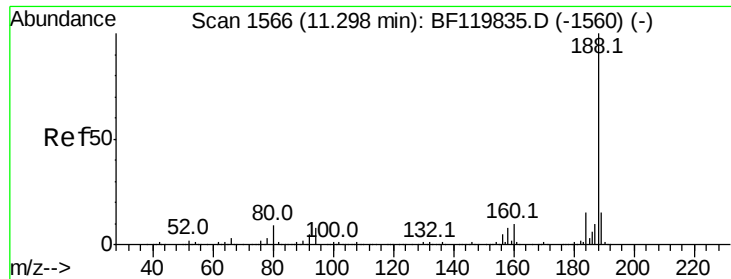
Ion 165.00 (164.70 to 165.70): E

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

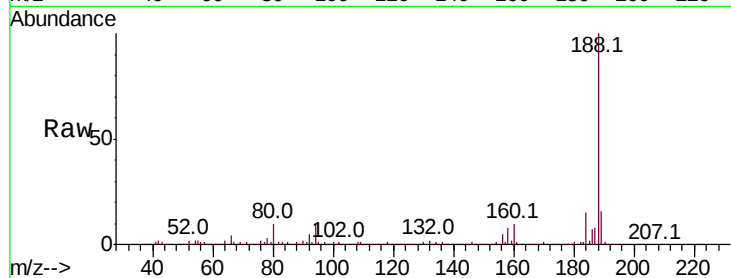




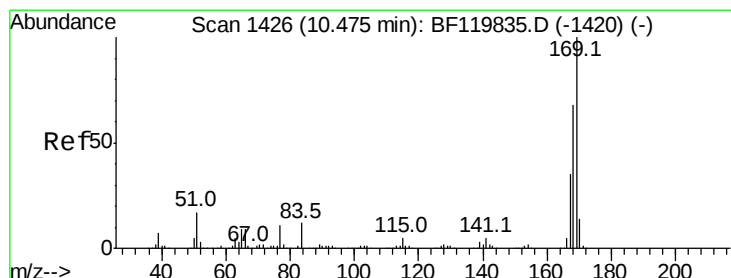
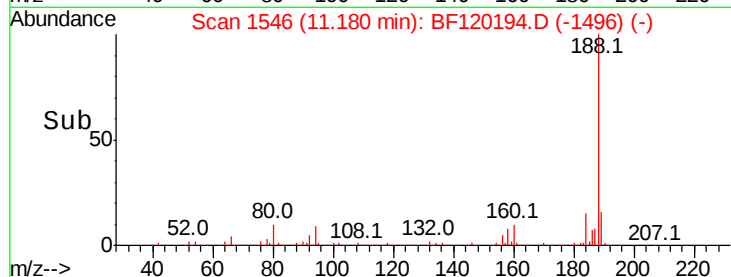
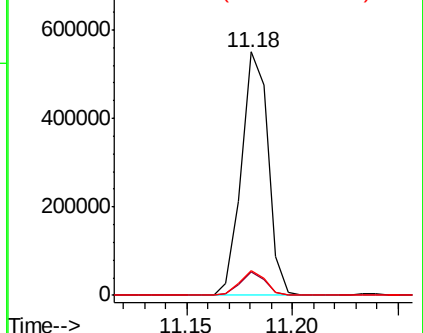
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF120194.D
 Acq: 24 Apr 2020 11:34

Instrument :
 BNA_F
 ClientSampleId :
 GREENWALL

Tot Ion:188 Resp: 480648
 Ion Ratio Lower Upper
 188 100
 94 9.6 7.5 11.3
 80 10.2 9.0 13.4

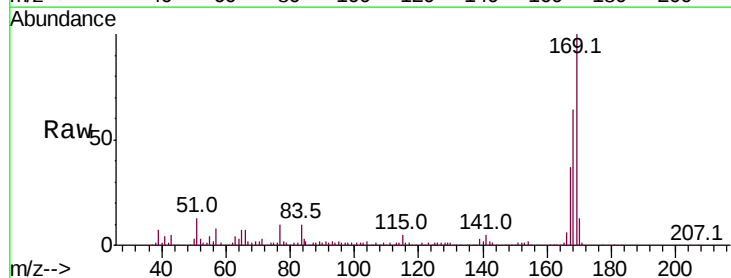


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

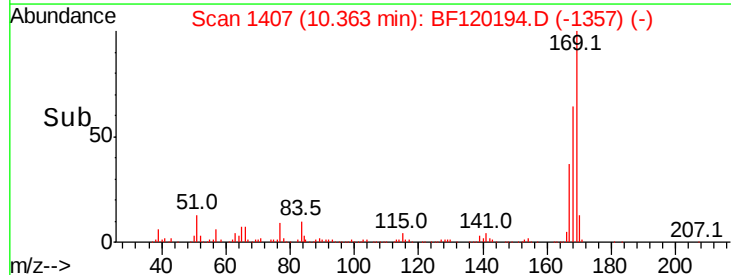
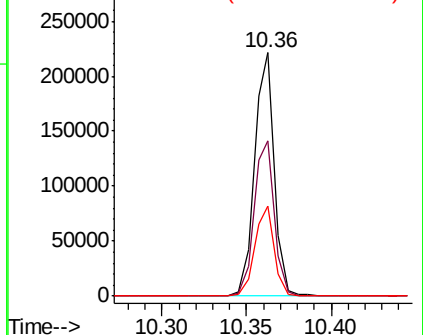


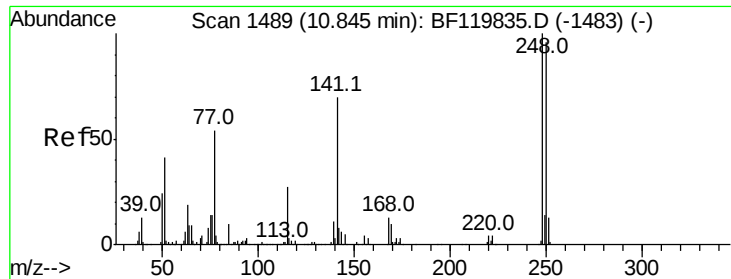
#66
 n-Nitrosodiphenylamine
 Concen: 11.419 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF120194.D
 Acq: 24 Apr 2020 11:34

Tgt Ion:169 Resp: 182527
 Ion Ratio Lower Upper
 169 100
 168 63.6 53.2 79.8
 167 36.9 29.1 43.7



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

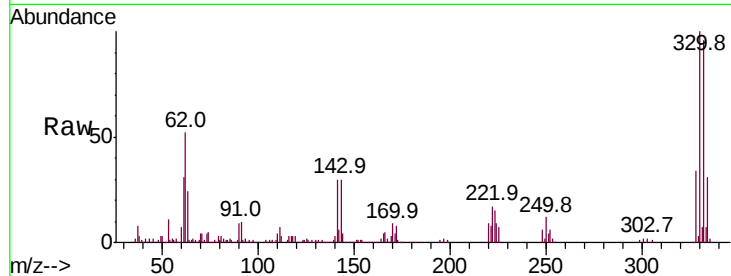




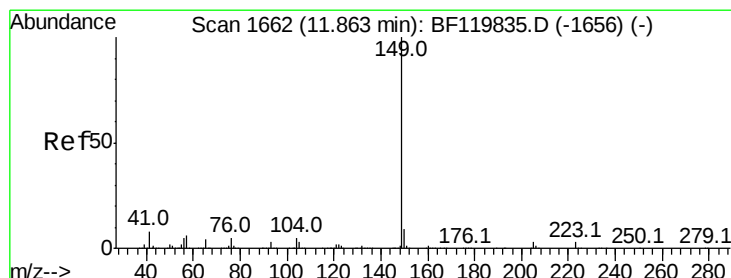
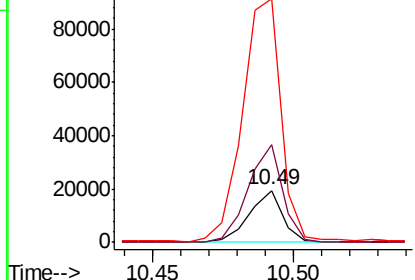
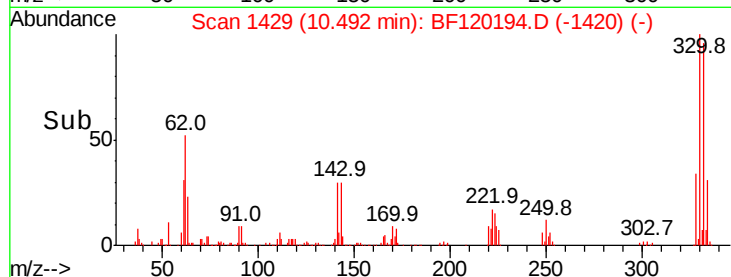
#67
 4-Bromophenyl-phenylether
 Concen: 2.659 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.25 min
 Lab File: BF120194.D
 Acq: 24 Apr 2020 11:34

Instrument :
 BNA_F
 ClientSampleId :
 GREENWALL

Tot Ion:248 Resp: 15894
 Ion Ratio Lower Upper
 248 100
 250 188.1 77.3 115.9#
 141 471.7 58.6 87.8#

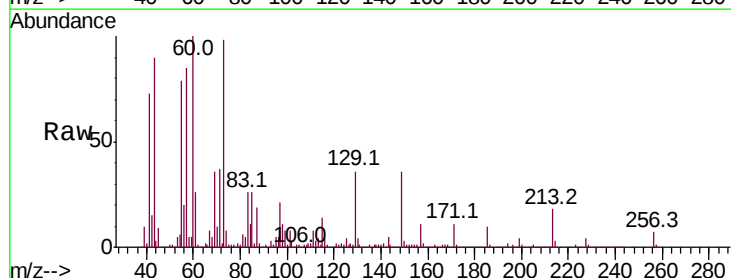


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

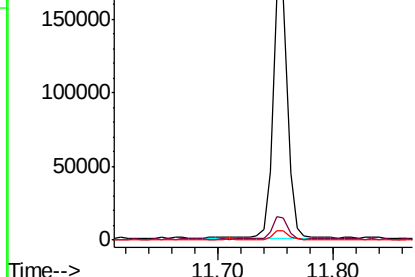
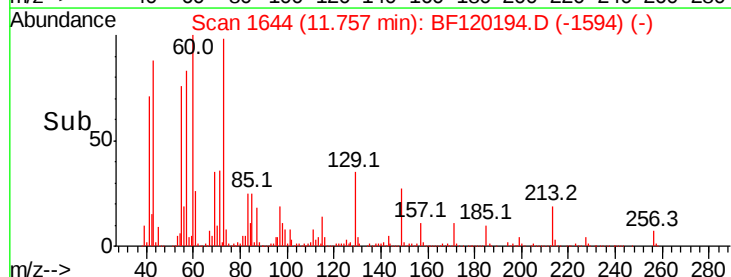


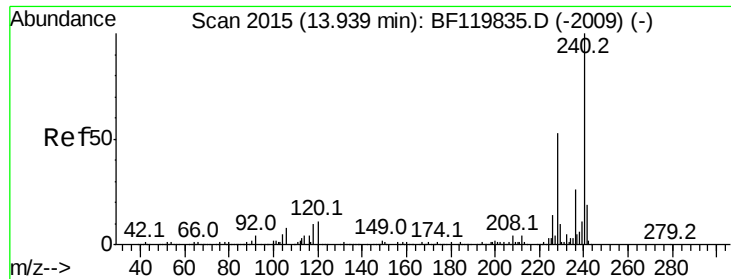
#74
 Di-n-butylphthalate
 Concen: 4.813 ng
 RT: 11.76 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BF120194.D
 Acq: 24 Apr 2020 11:34

Tgt Ion:149 Resp: 156344
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.8 11.8
 104 4.1 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

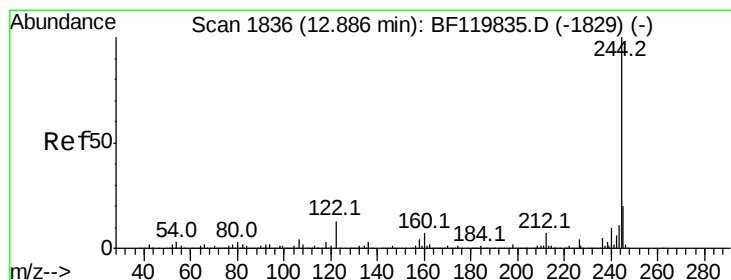
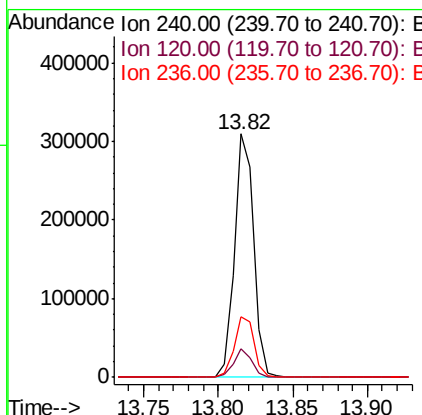
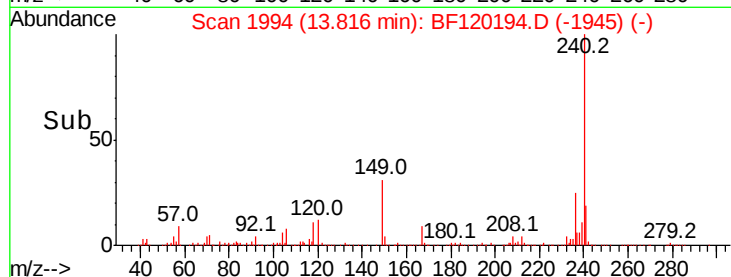
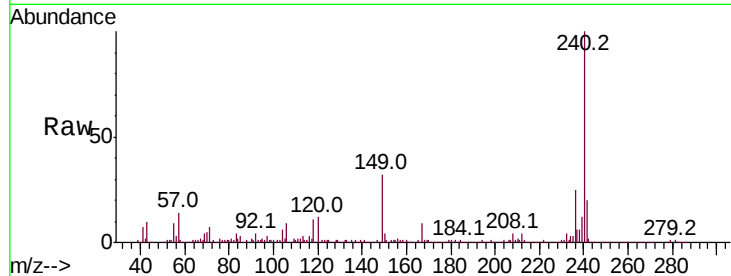




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF120194.D
 Acq: 24 Apr 2020 11:34

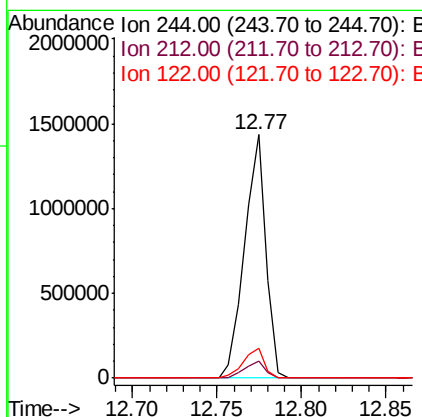
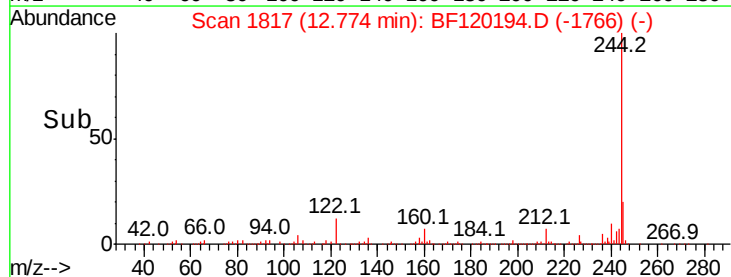
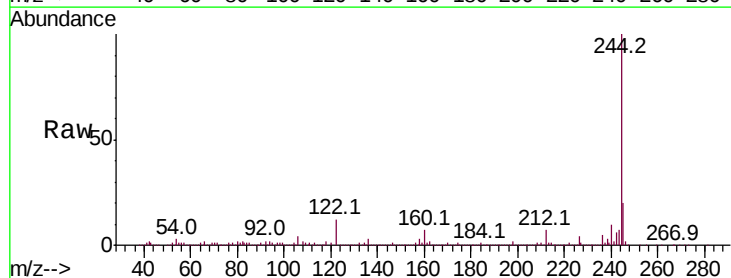
Instrument :
 BNA_F
 ClientSampleId :
 GREENWALL

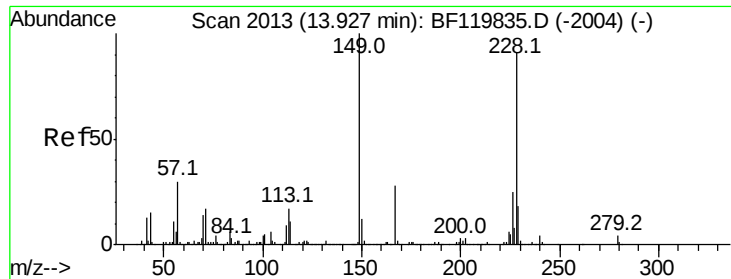
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	10.6	15.8
236	24.7	20.2	30.2



#79
 Terphenyl-d14
 Concen: 75.790 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BF120194.D
 Acq: 24 Apr 2020 11:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.0	10.3	15.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 7.130 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF120194.D

Acq: 24 Apr 2020 11:34

Instrument :

BNA_F

ClientSampleId :

GREENWALL

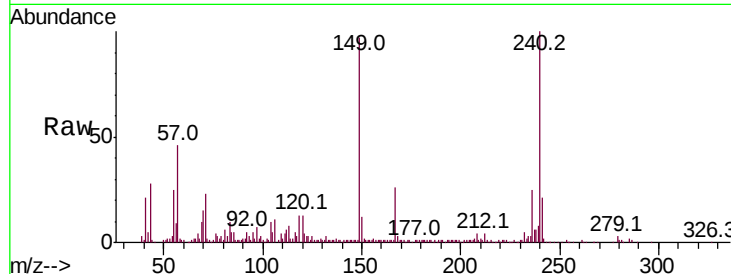
Tot Ion:149 Resp: 111139

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

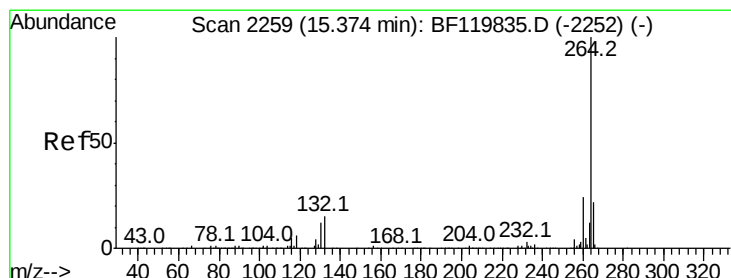
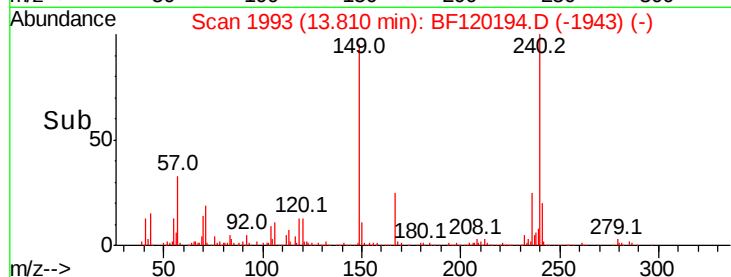
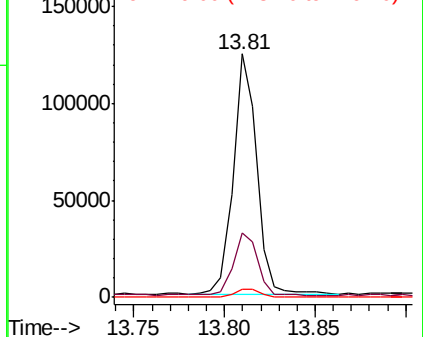
279 3.4 2.7 4.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BF120194.D

Acq: 24 Apr 2020 11:34

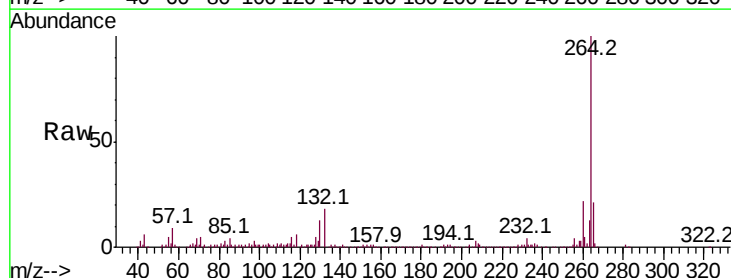
Tgt Ion:264 Resp: 254725

Ion Ratio Lower Upper

264 100

260 22.2 18.7 28.1

265 20.7 17.7 26.5



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

