

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113845.D
 Acq On : 19 Apr 2019 5:37
 Operator : JU/SJ
 Sample : K2430-01 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 07:04:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

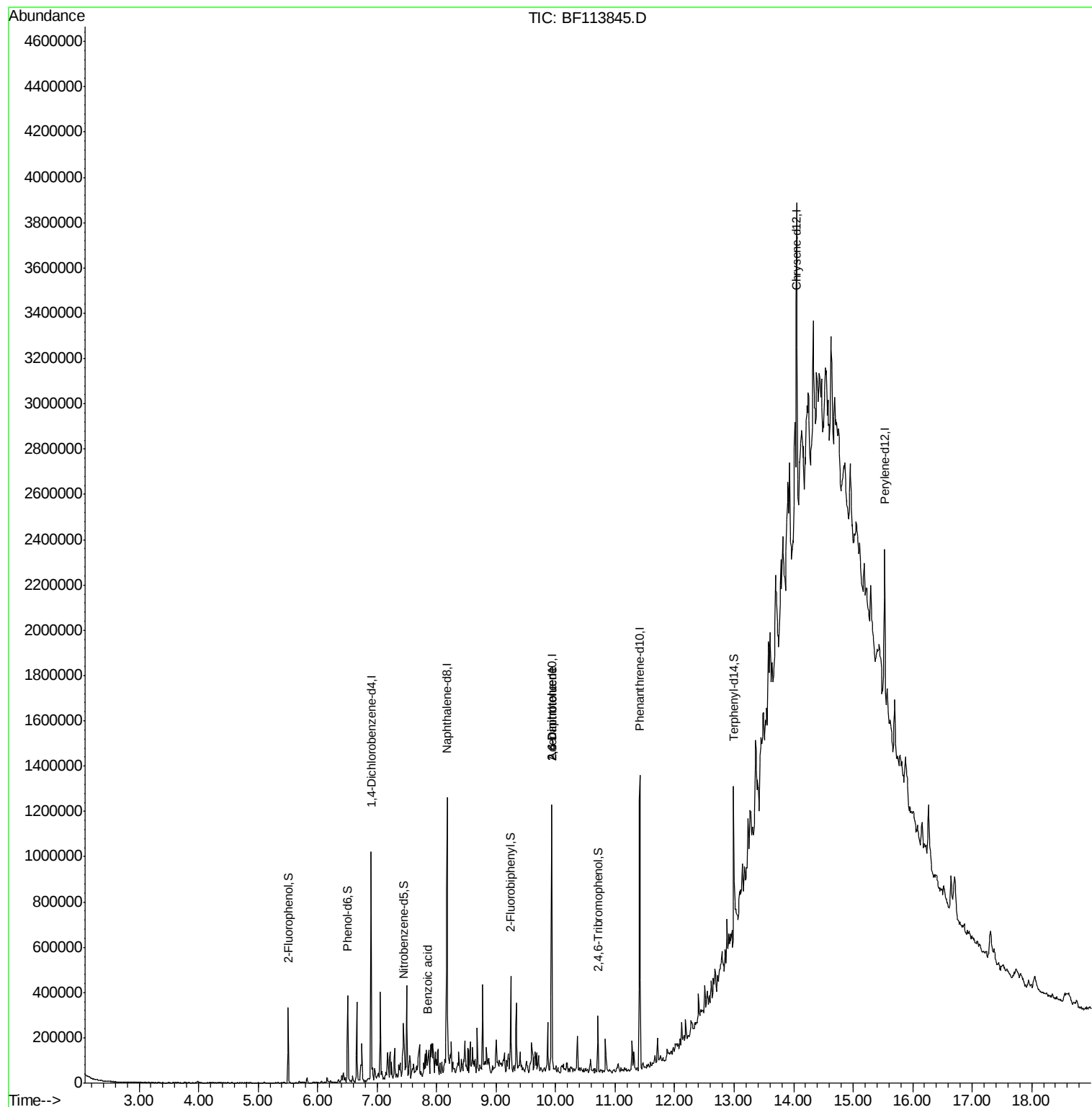
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	141672	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	488510	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	229945	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	484590	20.00	ng	0.00
76) Chrysene-d12	14.05	240	423042	20.00	ng	0.00
87) Perylene-d12	15.53	264	346698	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	89094	10.46	ng	0.00
7) Phenol-d6	6.50	99	114057	10.73	ng	-0.01
23) Nitrobenzene-d5	7.45	82	59200	7.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	28395	11.18	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	126471	8.39	ng	0.00
79) Terphenyl-d14	12.99	244	177751	8.81	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1485	Below Cal	Qvalue	# 1
32) Benzoic acid	7.85	122	111	5.948 ng	#	1
51) 2,6-Dinitrotoluene	9.93	165	31249	8.799 ng	#	33
57) 2,4-Dinitrotoluene	9.93	165	31249	7.092 ng	#	30

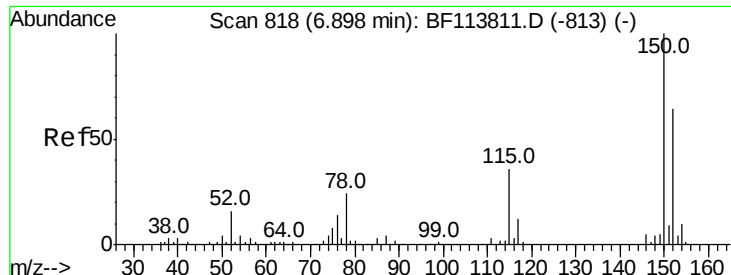
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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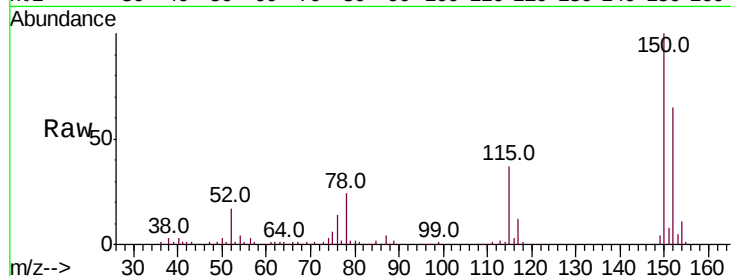


#1

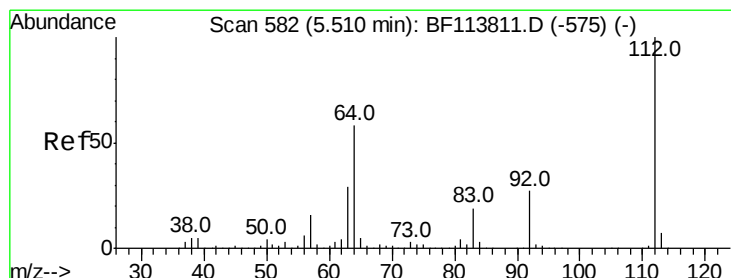
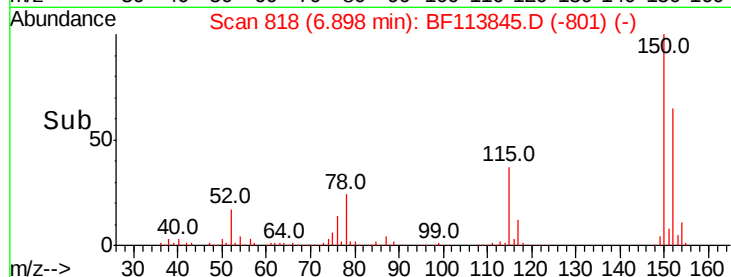
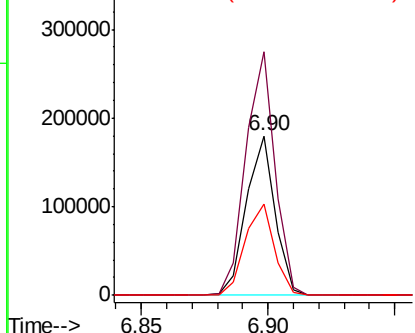
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113845.D
Acq: 19 Apr 2019 5:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141672
Ion Ratio Lower Upper
152 100
150 152.9 125.9 188.9
115 57.2 45.9 68.9



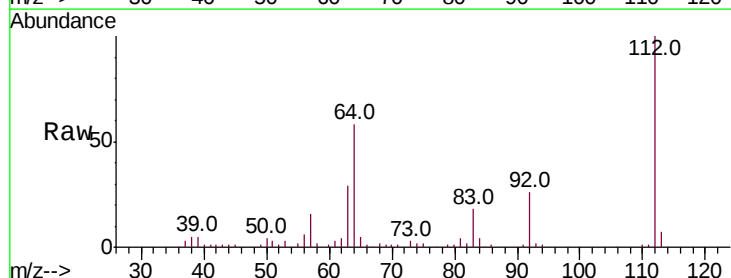
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



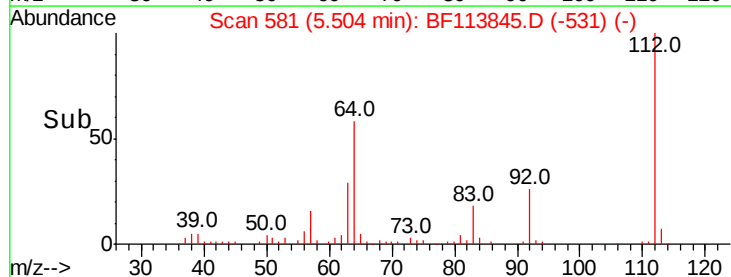
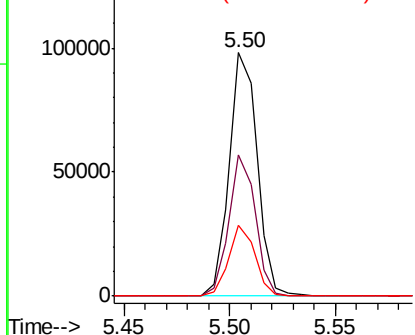
#5

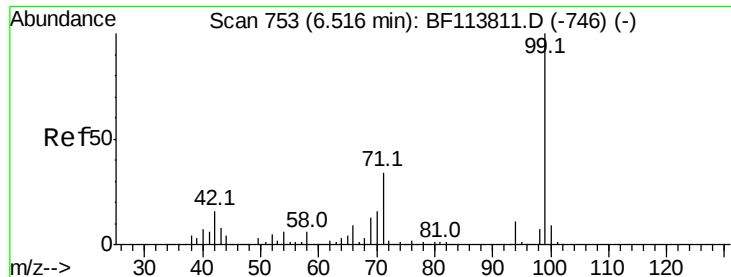
2-Fluorophenol
Concen: 10.457 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF113845.D
Acq: 19 Apr 2019 5:37

Tgt Ion:112 Resp: 89094
Ion Ratio Lower Upper
112 100
64 58.0 46.6 69.8
63 28.9 23.1 34.7



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: 10.734 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF113845.D

Acq: 19 Apr 2019 5:37

Instrument :

BNA_F

ClientSampleId :

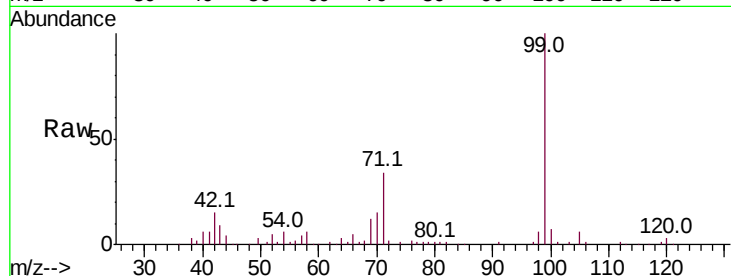
Tot Ion: 99 Resp: 114057

Ion Ratio Lower Upper

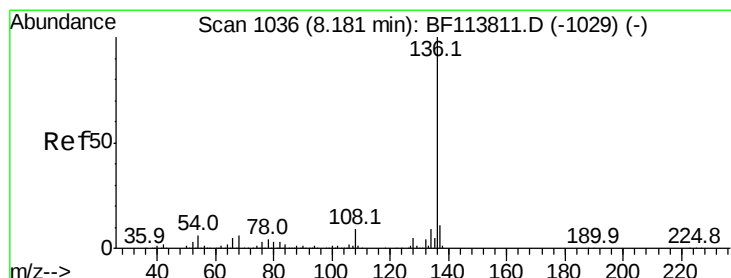
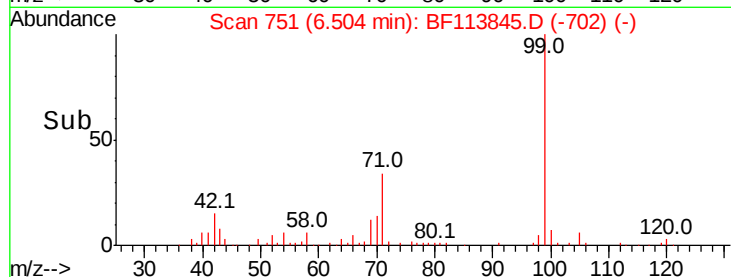
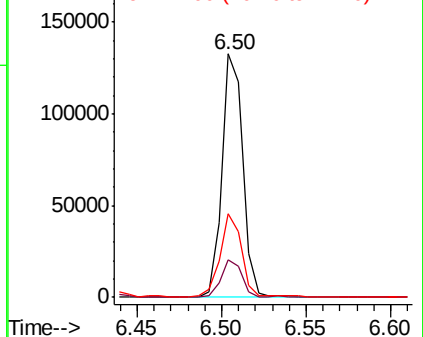
99 100

42 15.4 12.5 18.7

71 34.5 26.9 40.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113845.D

Acq: 19 Apr 2019 5:37

Tgt Ion: 136 Resp: 488510

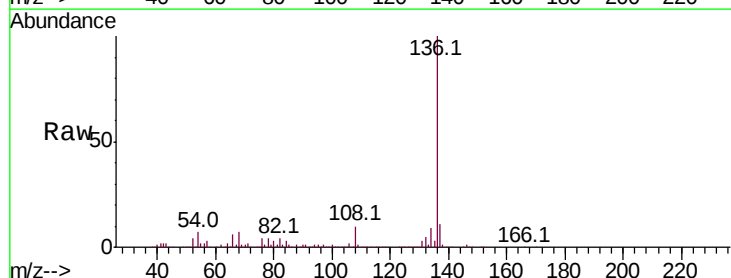
Ion Ratio Lower Upper

136 100

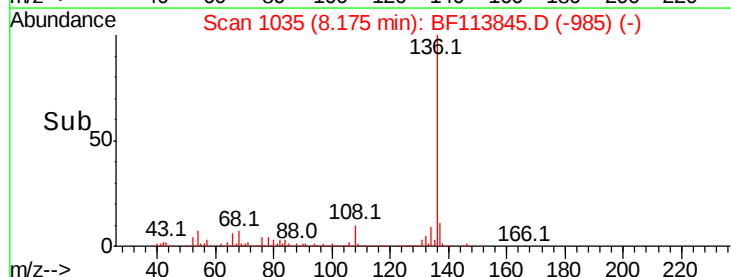
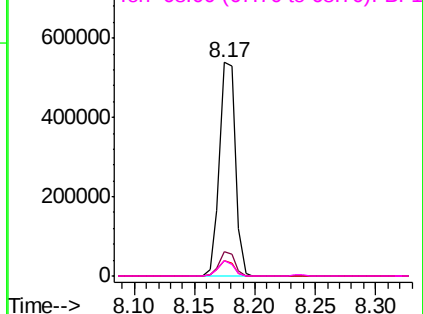
137 11.2 8.6 12.8

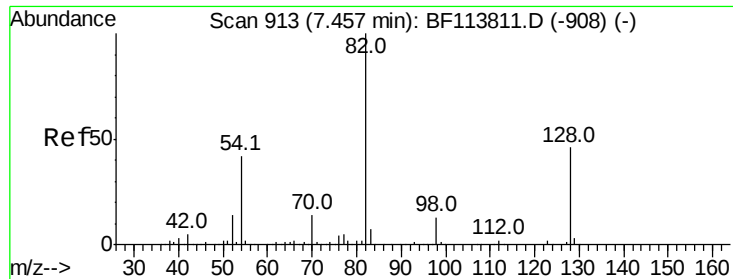
54 7.4 5.0 7.6

68 7.3 4.9 7.3



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

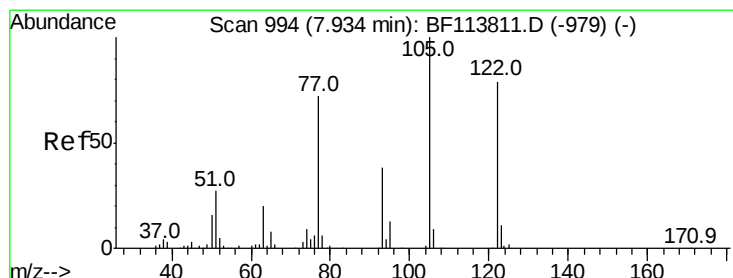
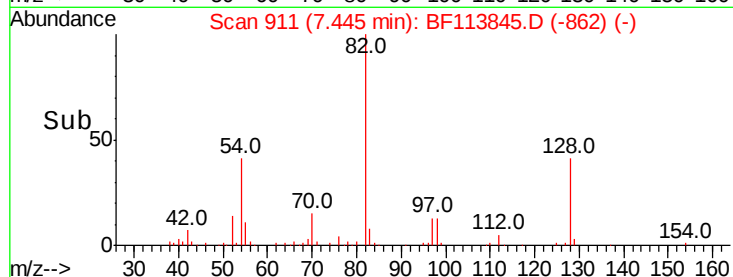
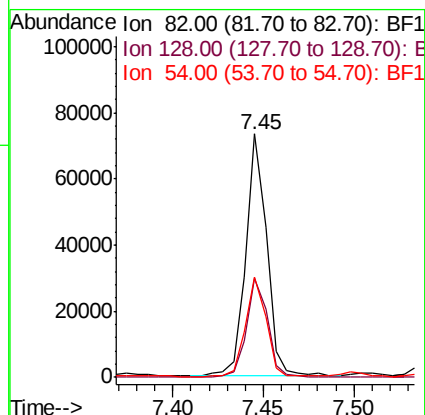
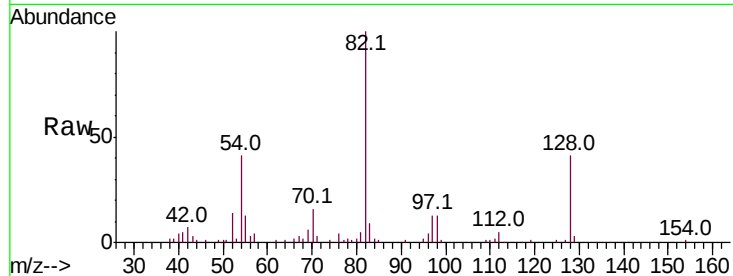




#23
 Nitrobenzene-d5
 Concen: 7.380 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF113845.D
 Acq: 19 Apr 2019 5:37

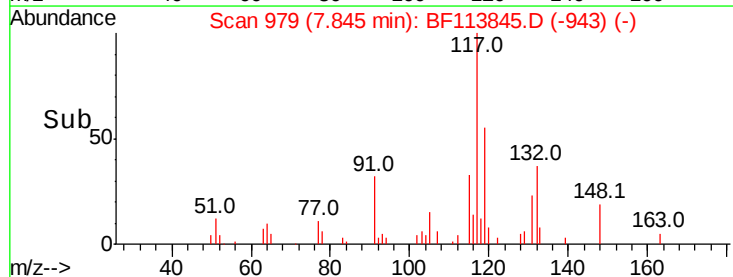
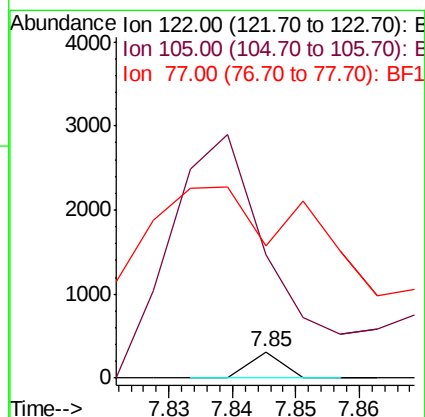
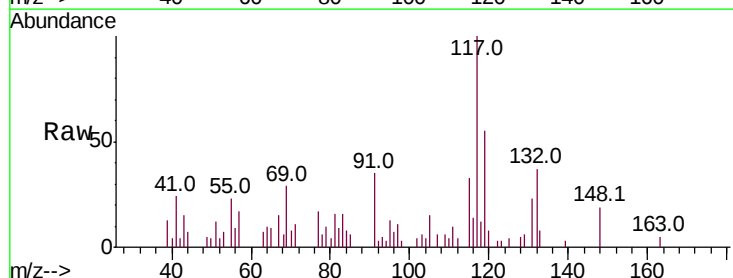
Instrument :
 BNA_F
 ClientSampled :

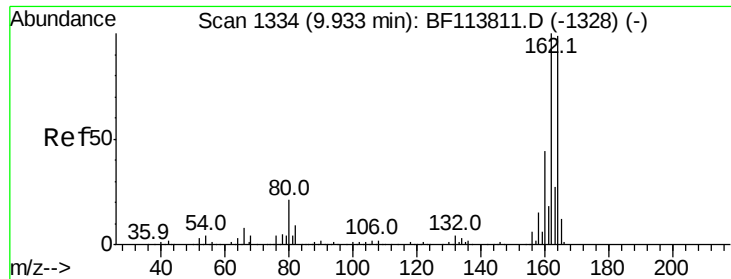
Tot Ion	82	Resp	59200
Ion Ratio	100	Lower	Upper
128	40.8	36.8	55.2
54	41.4	33.8	50.6



#32
 Benzoic acid
 Concen: 5.948 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.09 min
 Lab File: BF113845.D
 Acq: 19 Apr 2019 5:37

Tgt Ion	122	Resp	111
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
105	465.0	104.3	144.3#
77	501.3	70.4	110.4#

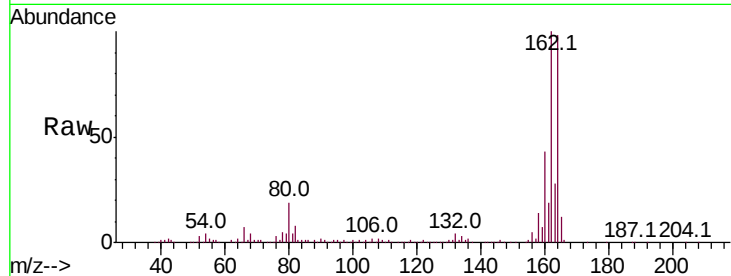




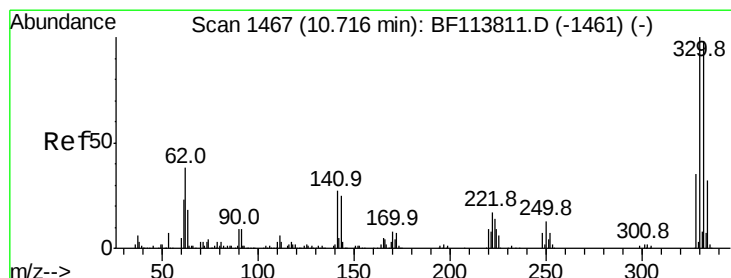
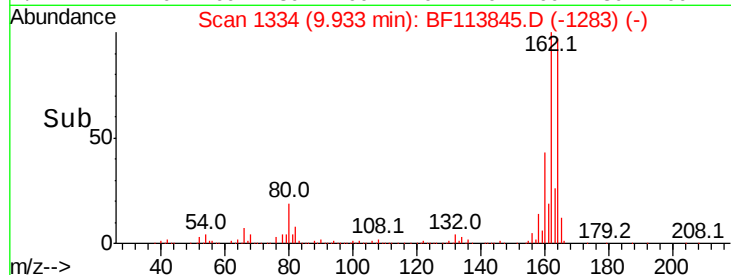
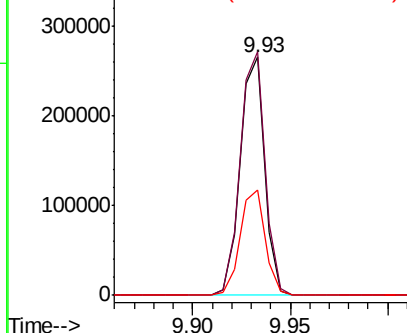
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF113845.D
 Acq: 19 Apr 2019 5:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.1	121.7
160	44.3	35.8	53.6

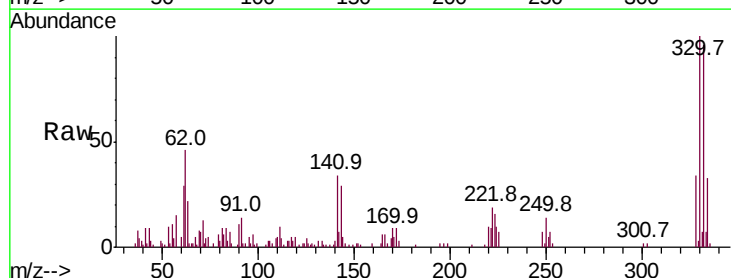


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

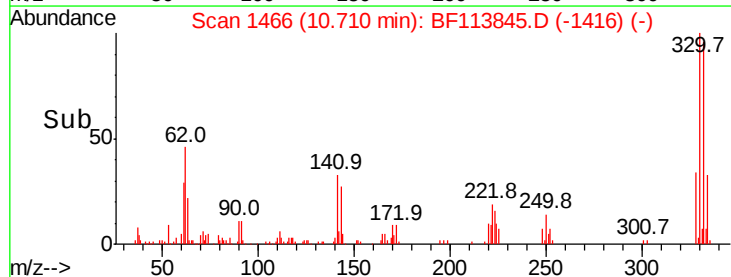
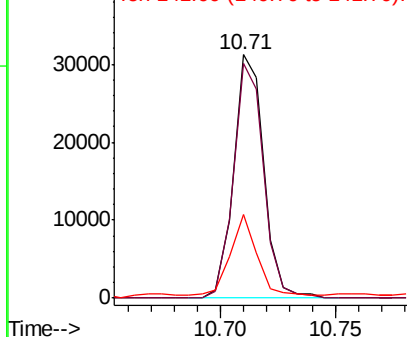


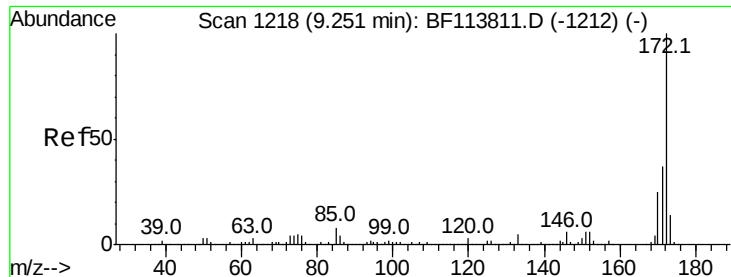
#42
 2,4,6-Tribromophenol
 Concen: 11.177 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF113845.D
 Acq: 19 Apr 2019 5:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.5	116.3
141	29.3	22.2	33.2



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

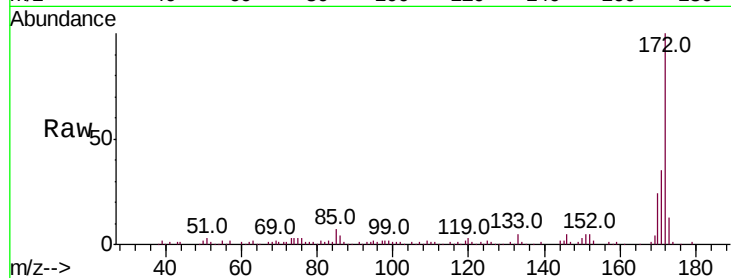




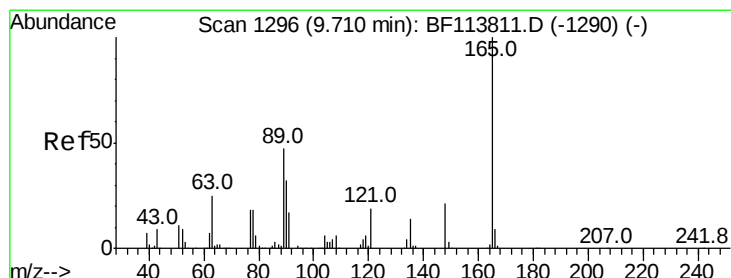
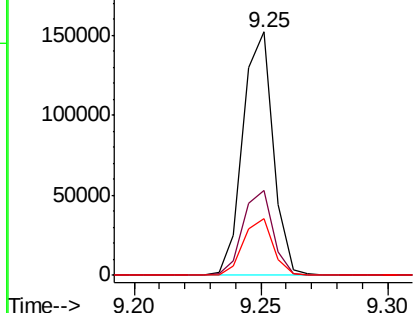
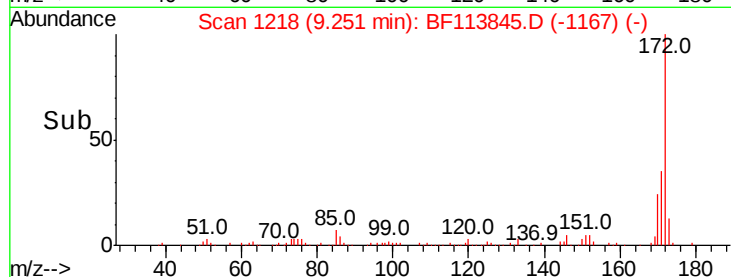
#45
2-Fluorobiphenyl
Concen: 8.388 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF113845.D
Acq: 19 Apr 2019 5:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 126471
Ion Ratio Lower Upper
172 100
171 34.7 29.4 44.0
170 23.5 19.9 29.9

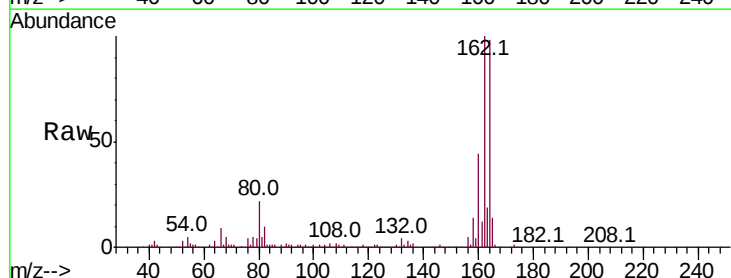


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

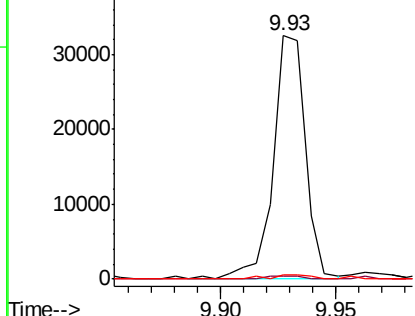
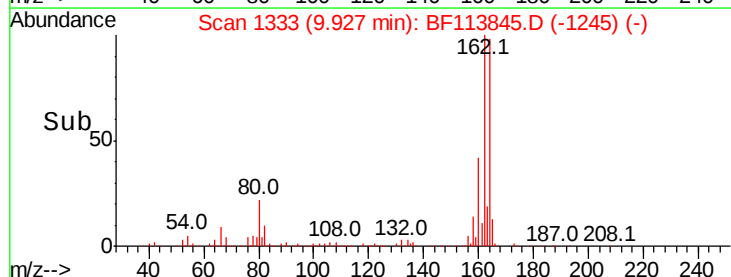


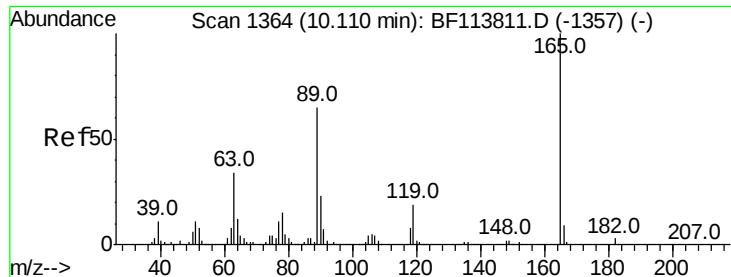
#51
2,6-Dinitrotoluene
Concen: 8.799 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF113845.D
Acq: 19 Apr 2019 5:37

Tgt Ion:165 Resp: 31249
Ion Ratio Lower Upper
165 100
63 1.4 33.8 50.8#
89 1.6 38.2 57.2#



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

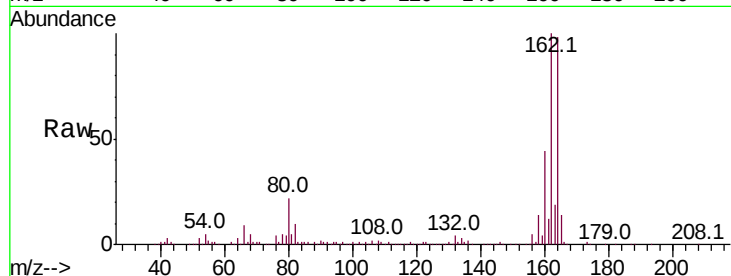




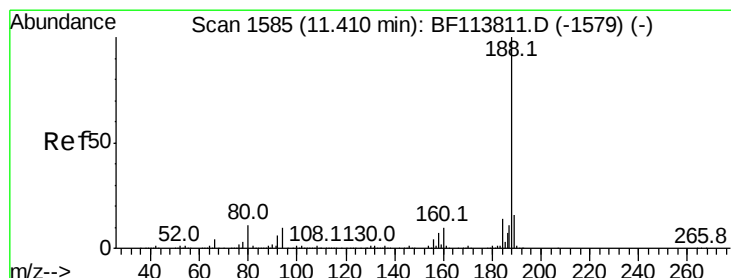
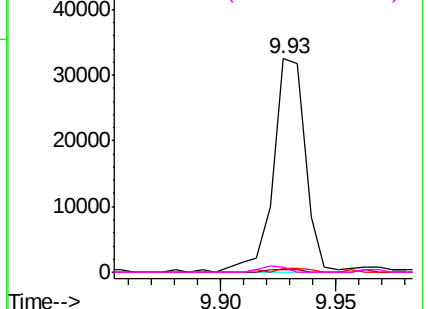
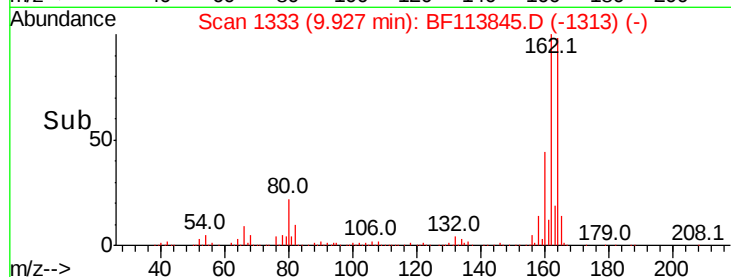
#57
 2,4-Dinitrotoluene
 Concen: 7.092 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.18 min
 Lab File: BF113845.D
 Acq: 19 Apr 2019 5:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 31249
 Ion Ratio Lower Upper
 165 100
 63 1.4 27.4 41.0#
 89 1.6 51.8 77.6#
 182 2.3 2.2 3.2

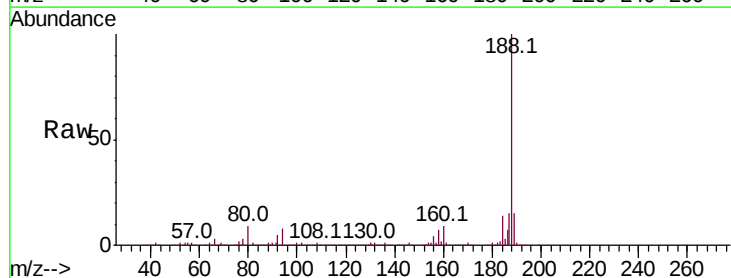


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

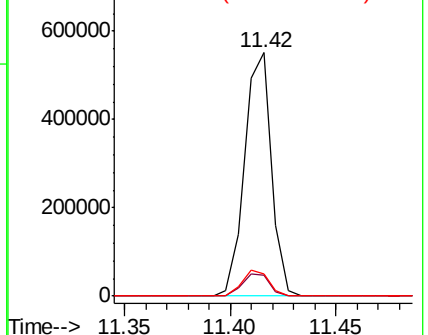
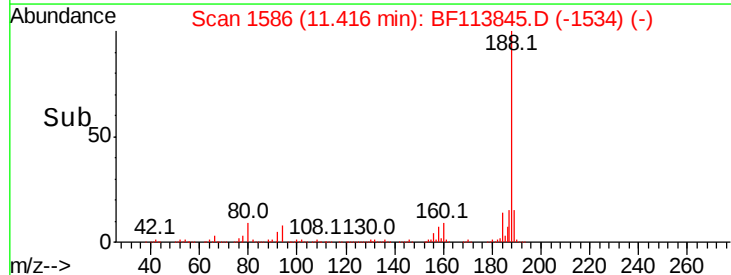


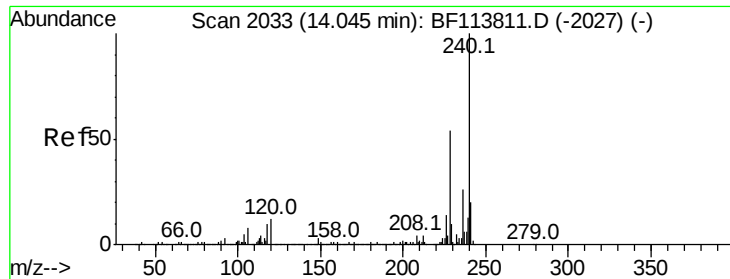
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: BF113845.D
 Acq: 19 Apr 2019 5:37

Tgt Ion:188 Resp: 484590
 Ion Ratio Lower Upper
 188 100
 94 8.4 8.2 12.4
 80 9.1 9.0 13.6



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

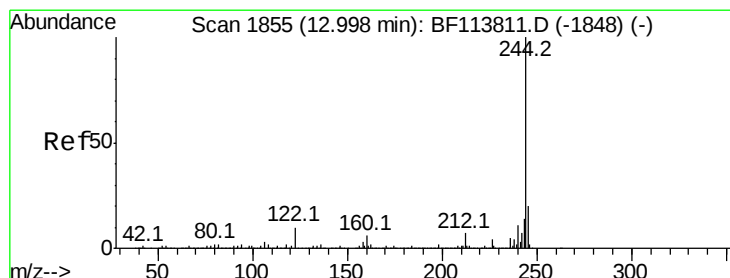
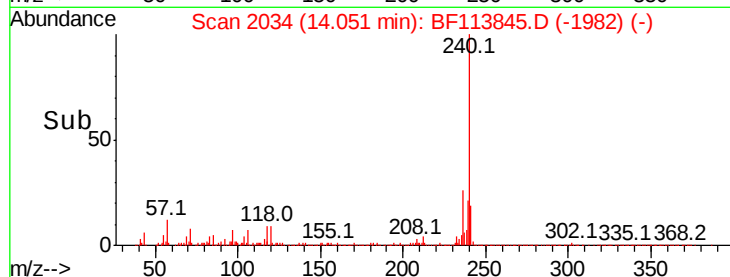
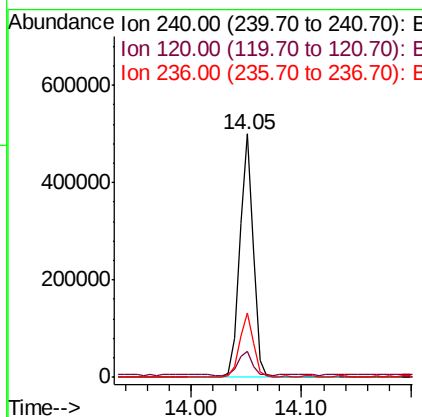
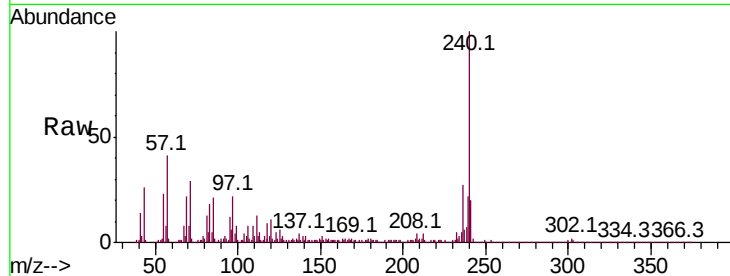




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF113845.D
 Acq: 19 Apr 2019 5:37

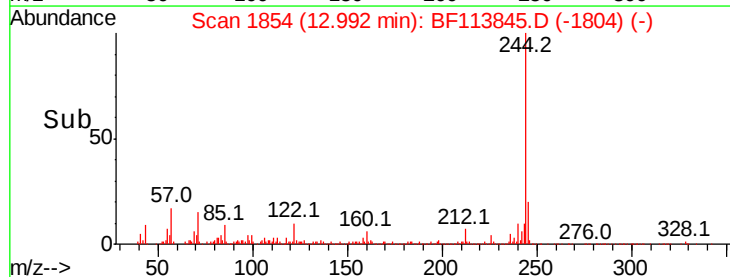
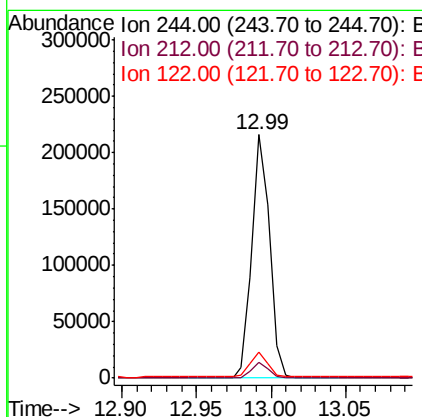
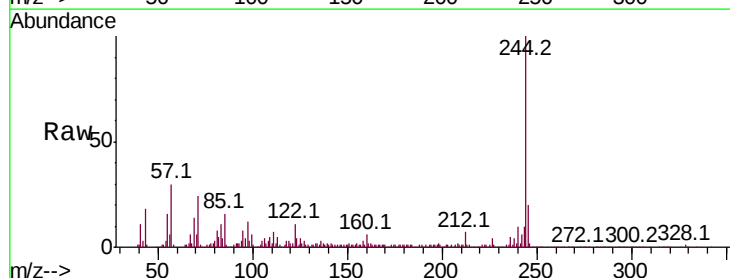
Instrument :
 BNA_F
 ClientSampleId :

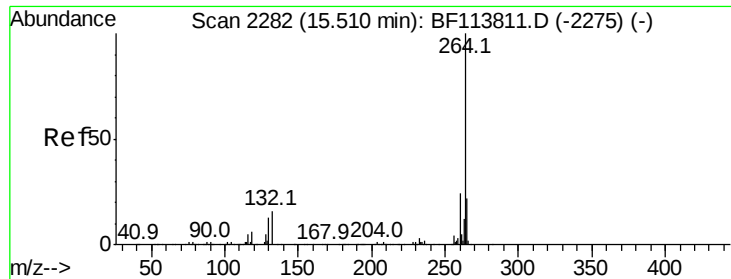
Tot Ion:240 Resp: 423042
 Ion Ratio Lower Upper
 240 100
 120 10.7 9.3 13.9
 236 26.6 21.2 31.8



#79
 Terphenyl-d14
 Concen: 8.811 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF113845.D
 Acq: 19 Apr 2019 5:37

Tgt Ion:244 Resp: 177751
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.6 7.6 11.4

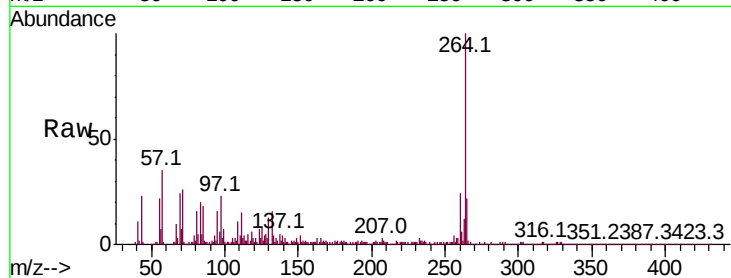




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.02 min
Lab File: BF113845.D
Acq: 19 Apr 2019 5:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	22.0	17.3	25.9



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

