

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116522.D
 Acq On : 24 Aug 2019 14:34
 Operator : HP/JU
 Sample : K4490-05 10X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 02:09:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

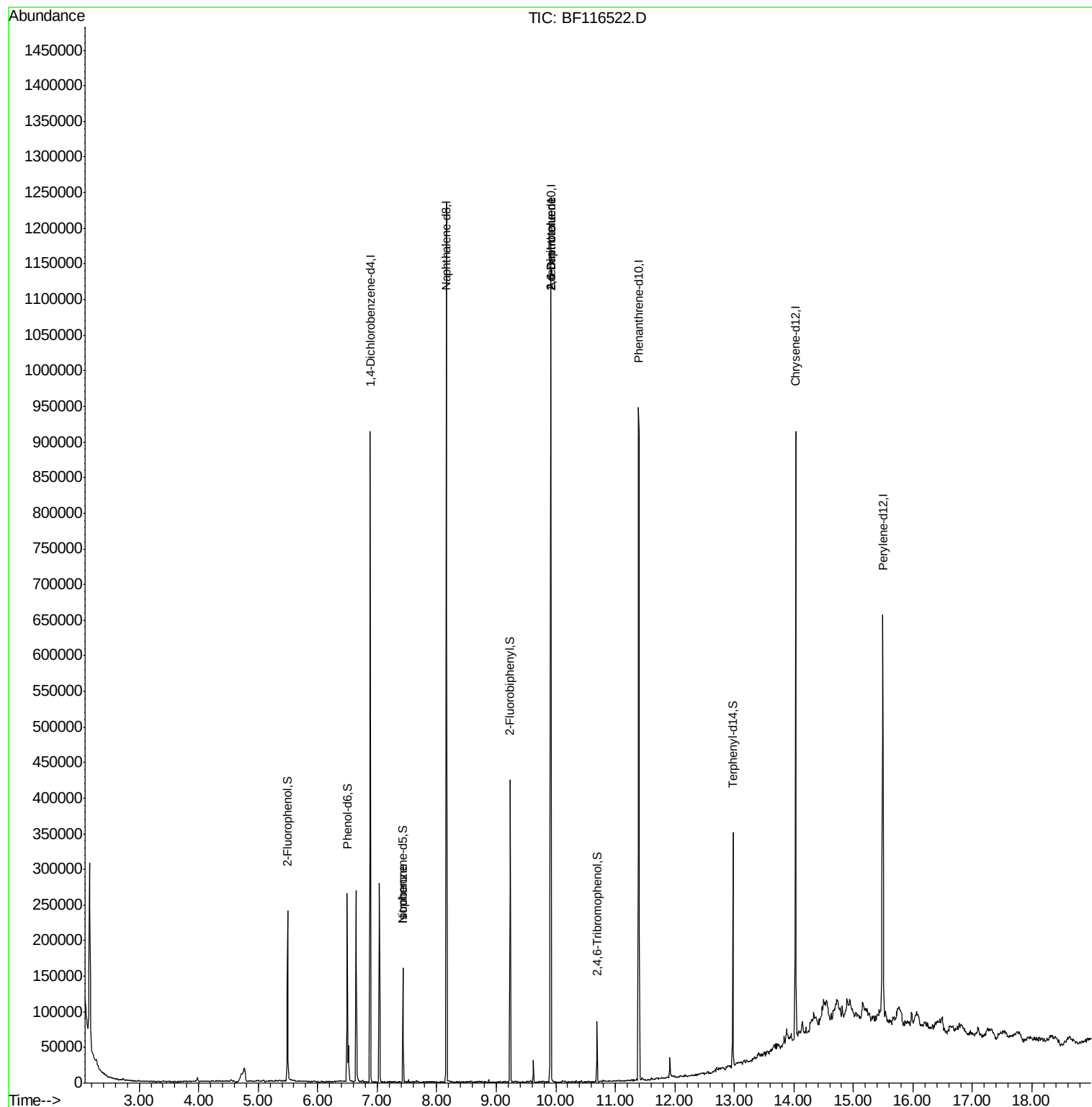
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	129532	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	479697	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	227360	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	341625	20.00	ng	0.00
76) Chrysene-d12	14.03	240	249262	20.00	ng	0.00
87) Perylene-d12	15.49	264	250854	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	59892	6.76	ng	0.00
7) Phenol-d6	6.49	99	85331	7.85	ng	-0.01
23) Nitrobenzene-d5	7.43	82	44751	5.10	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	8766	4.49	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	112735	7.99	ng	0.00
79) Terphenyl-d14	12.97	244	94215	7.06	ng	0.00
Target Compounds						
25) Isophorone	7.43	82	44751	2.590	ng	# 67
51) 2,6-Dinitrotoluene	9.92	165	28518	8.783	ng	# 26
57) 2,4-Dinitrotoluene	9.92	165	28518	6.902	ng	# 21

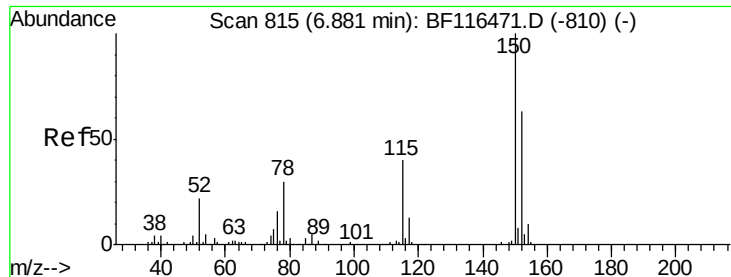
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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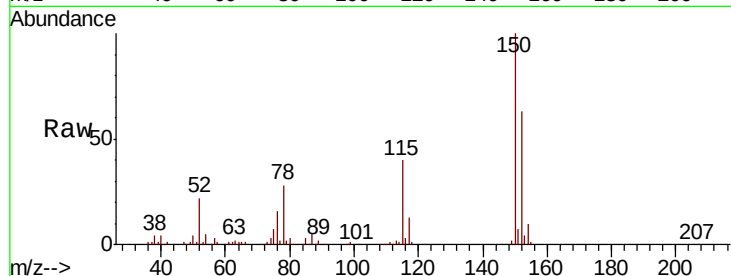


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116522.D
Acq: 24 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.7	190.1
115	63.9	50.9	76.3

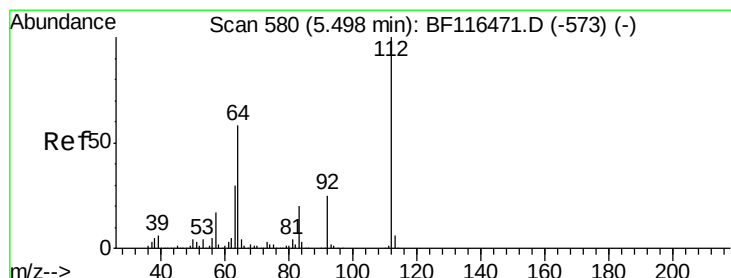
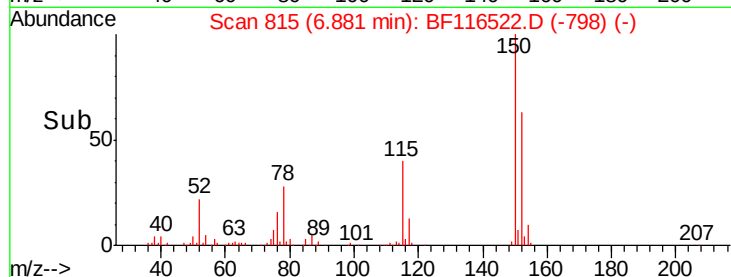
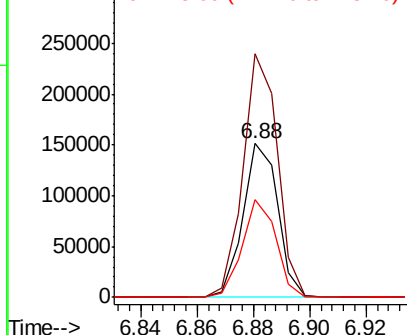


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

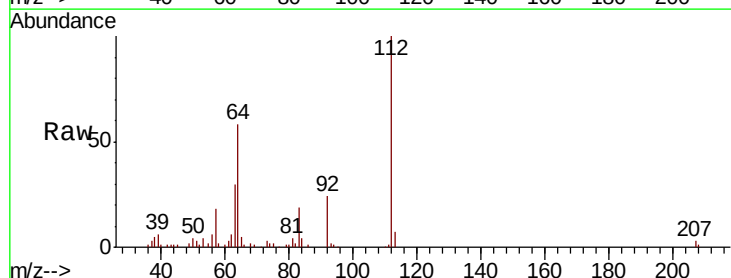
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 6.756 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF116522.D
Acq: 24 Aug 2019 14:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	46.3	69.5
63	30.3	24.2	36.4

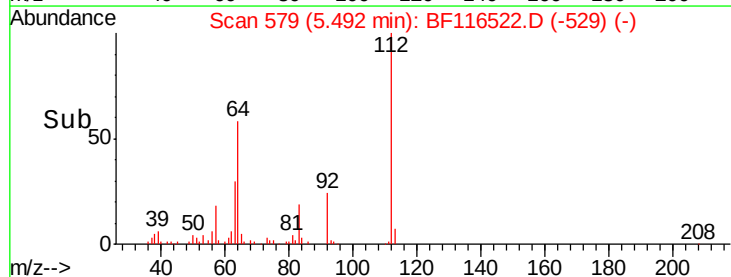
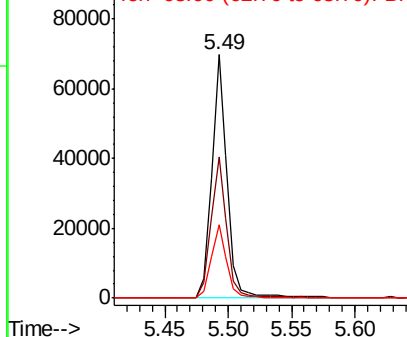


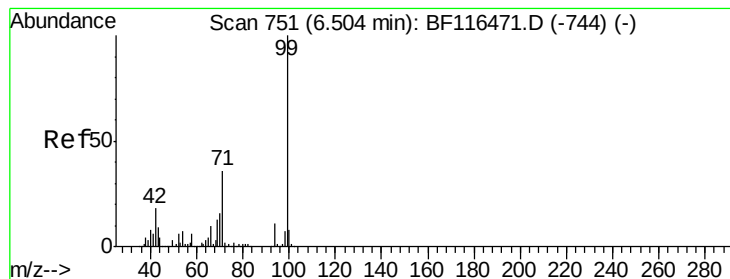
Abundance

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: 7.850 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116522.D

Acq: 24 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

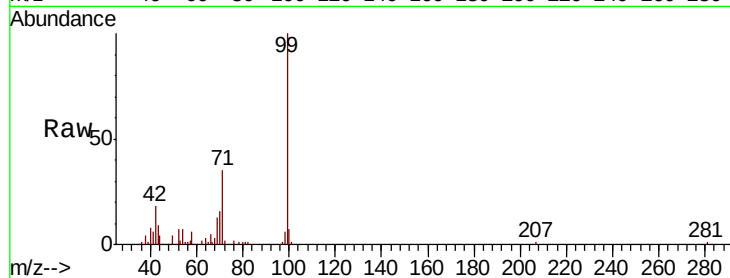
Tot Ion: 99 Resp: 85331

Ion Ratio Lower Upper

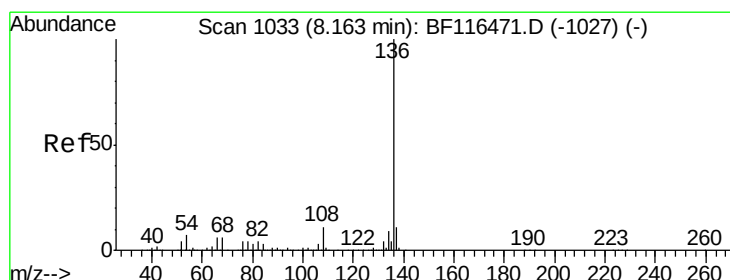
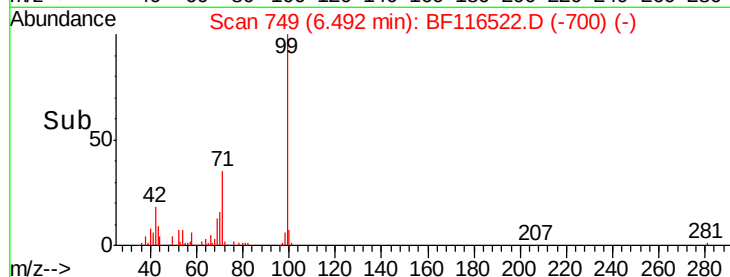
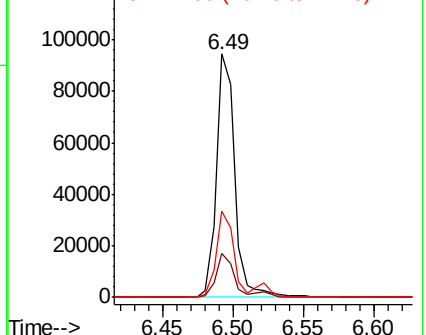
99 100

42 17.8 14.6 21.8

71 35.2 28.5 42.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF116522.D

Acq: 24 Aug 2019 14:34

Tgt Ion: 136 Resp: 479697

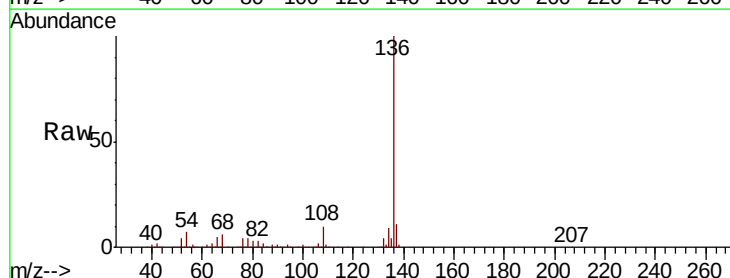
Ion Ratio Lower Upper

136 100

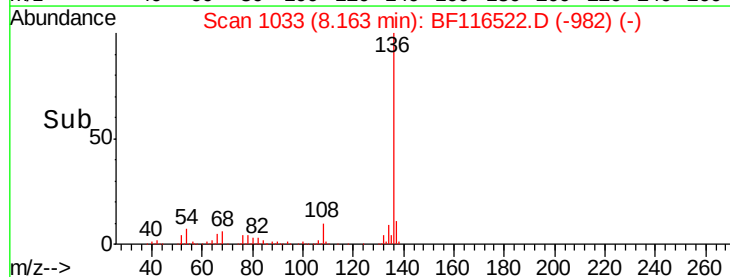
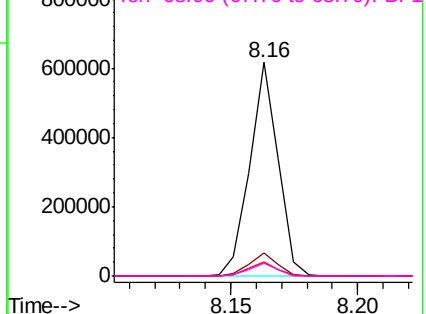
137 11.0 9.0 13.4

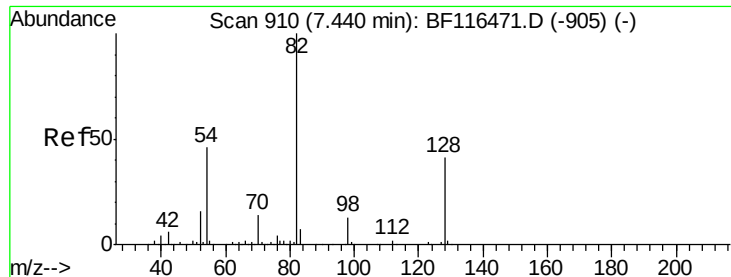
54 6.9 5.8 8.6

68 6.0 5.1 7.7



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

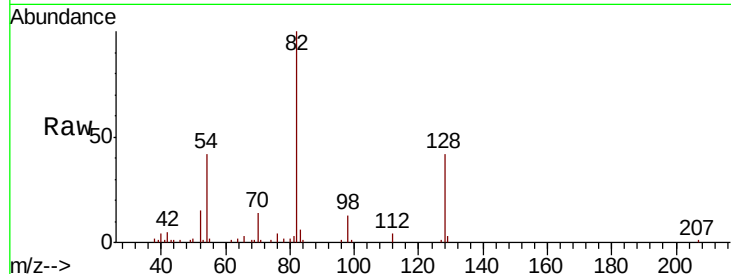




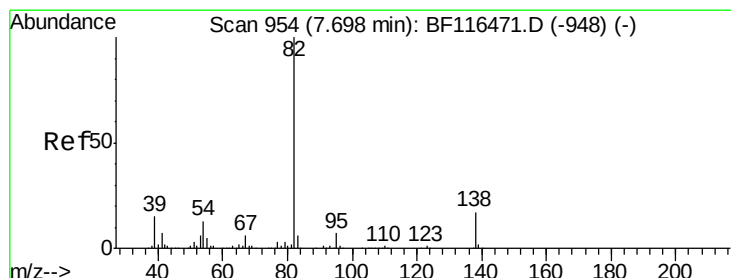
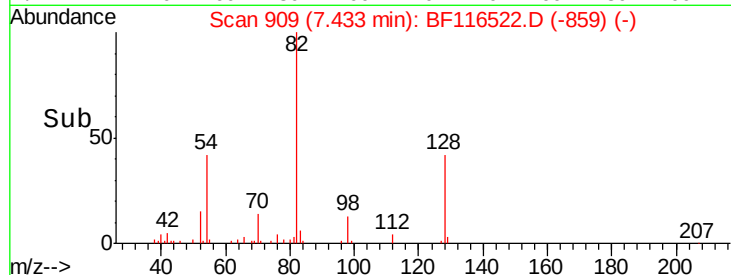
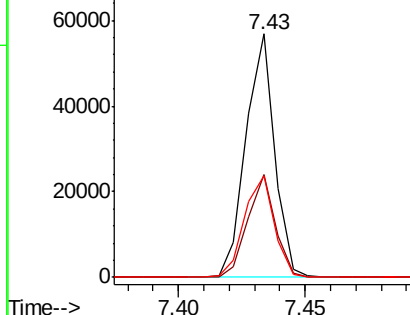
#23
 Nitrobenzene-d5
 Concen: 5.104 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF116522.D
 Acq: 24 Aug 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	44751
Ion Ratio	Lower	Upper	
82	100		
128	42.0	32.2	48.4
54	41.9	36.5	54.7

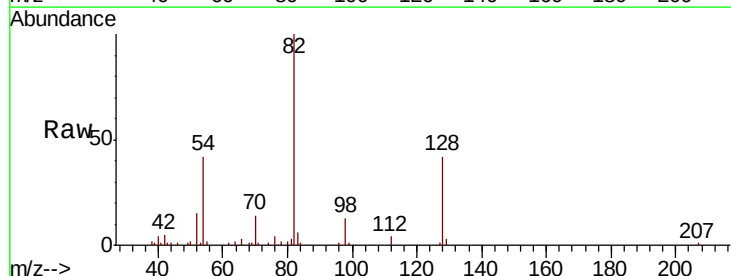


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

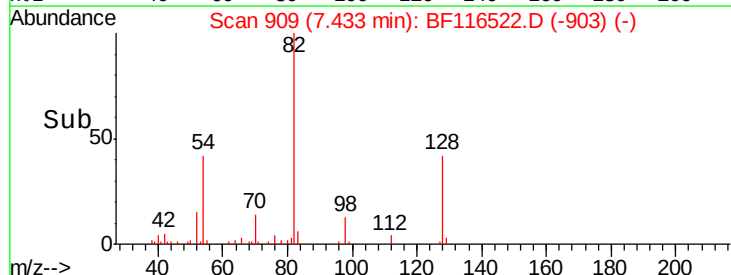
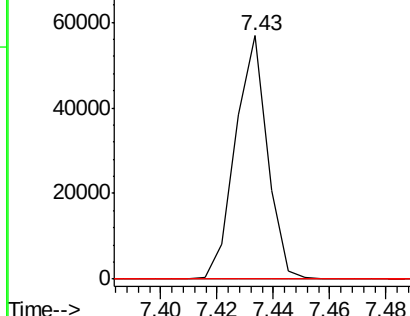


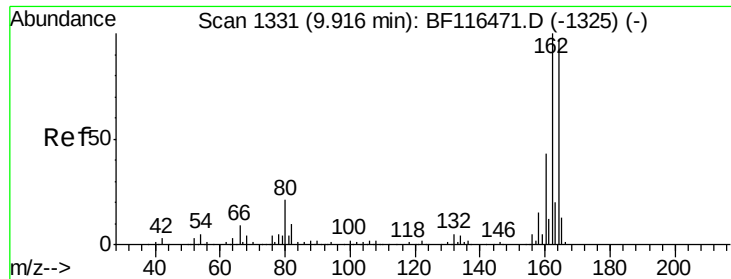
#25
 Isophorone
 Concen: 2.590 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.26 min
 Lab File: BF116522.D
 Acq: 24 Aug 2019 14:34

Tgt Ion	82	Resp	44751
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.3	19.9#



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

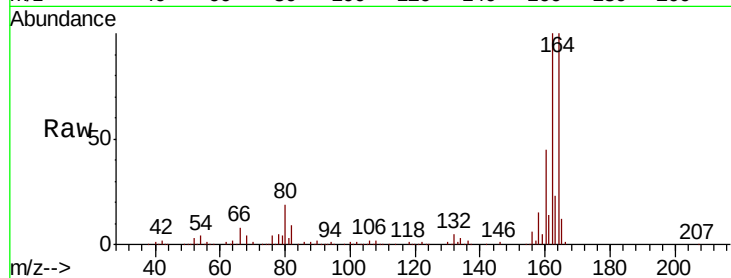




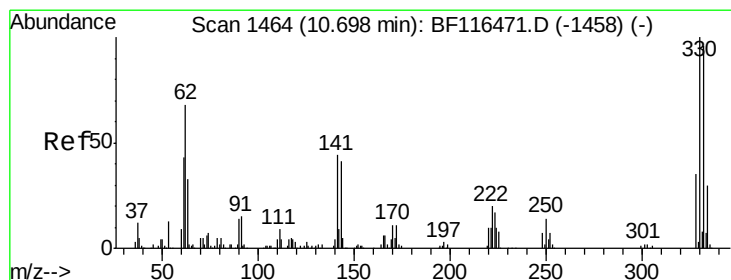
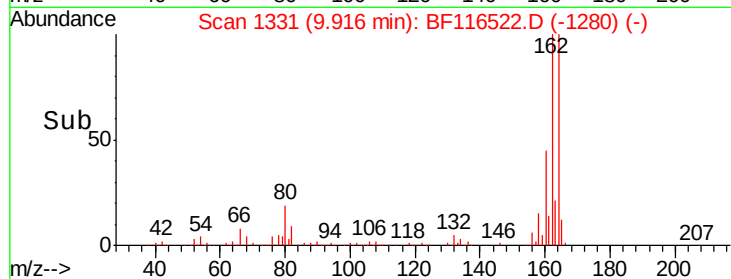
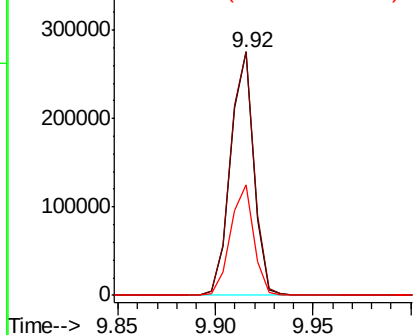
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116522.D
Acq: 24 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 227360
Ion Ratio Lower Upper
164 100
162 100.0 82.6 123.8
160 45.5 35.8 53.8

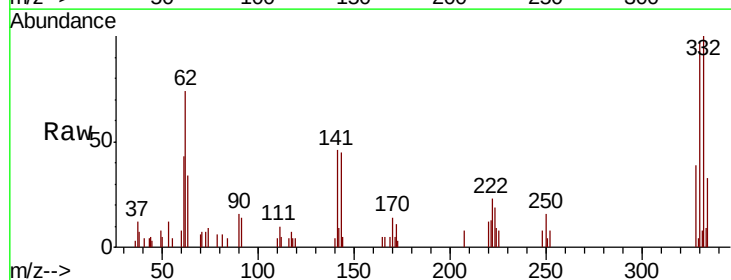


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

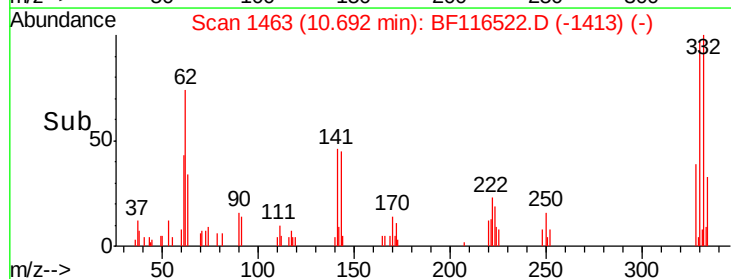
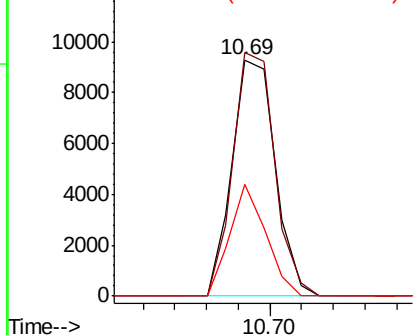


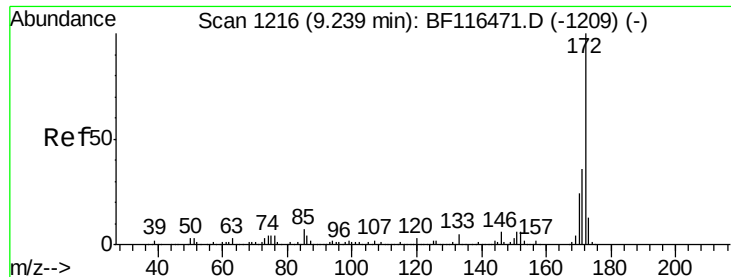
#42
2,4,6-Tribromophenol
Concen: 4.490 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF116522.D
Acq: 24 Aug 2019 14:34

Tgt Ion:330 Resp: 8766
Ion Ratio Lower Upper
330 100
332 99.5 77.2 115.8
141 39.2 33.3 49.9



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

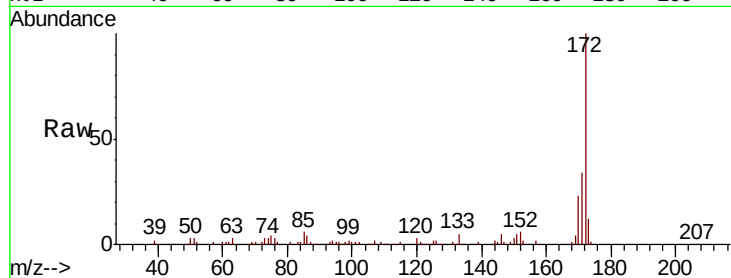




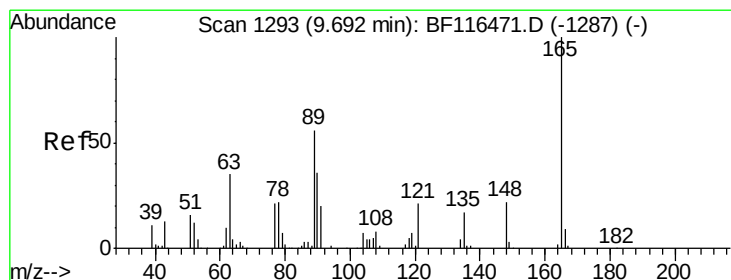
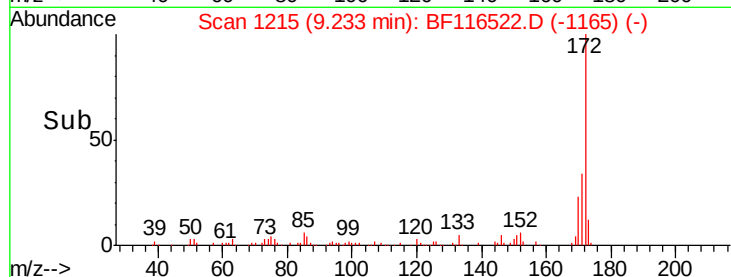
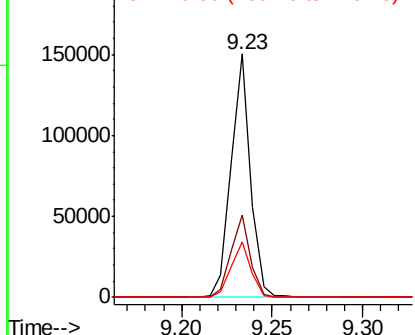
#45
2-Fluorobiphenyl
Concen: 7.985 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF116522.D
Acq: 24 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.9	43.3
170	23.0	19.4	29.0

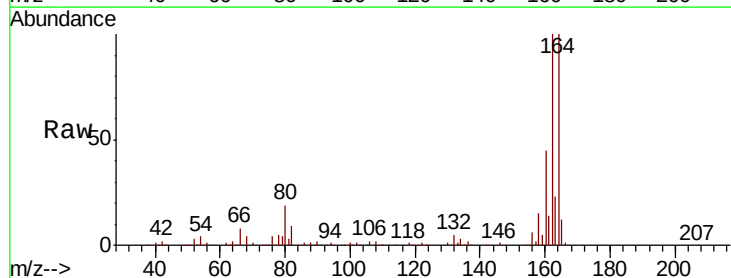


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

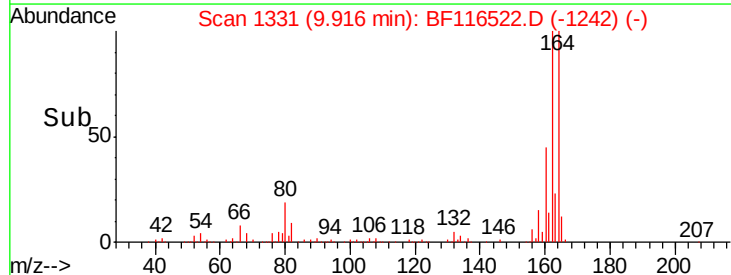
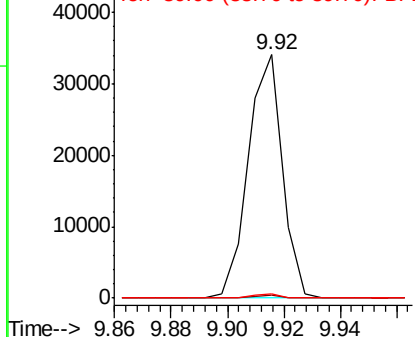


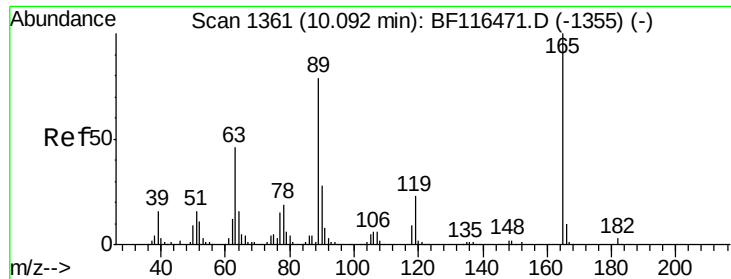
#51
2,6-Dinitrotoluene
Concen: 8.783 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.22 min
Lab File: BF116522.D
Acq: 24 Aug 2019 14:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.7	65.5#
89	1.8	45.1	67.7#



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

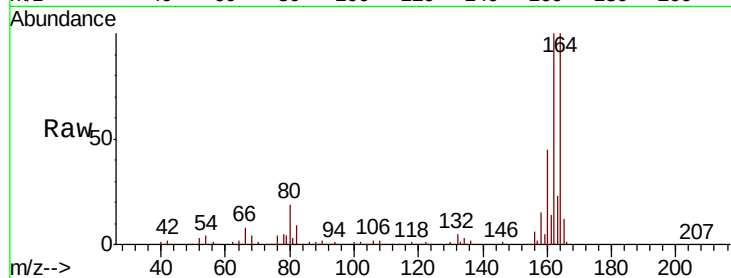




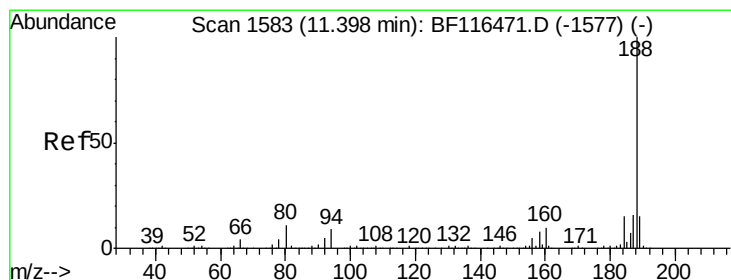
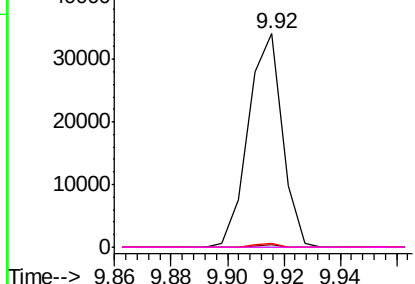
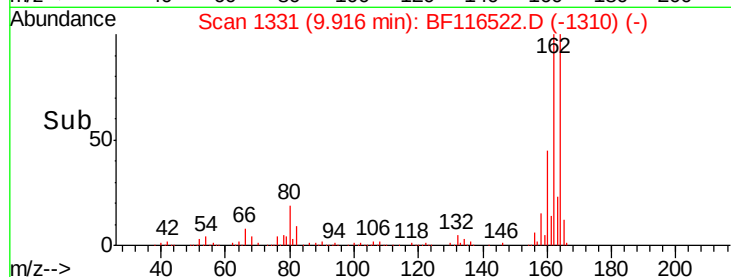
#57
2,4-Dinitrotoluene
Concen: 6.902 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.18 min
Lab File: BF116522.D
Acq: 24 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 28518
Ion Ratio Lower Upper
165 100
63 1.2 36.9 55.3#
89 1.8 63.4 95.0#
182 0.0 2.1 3.1#

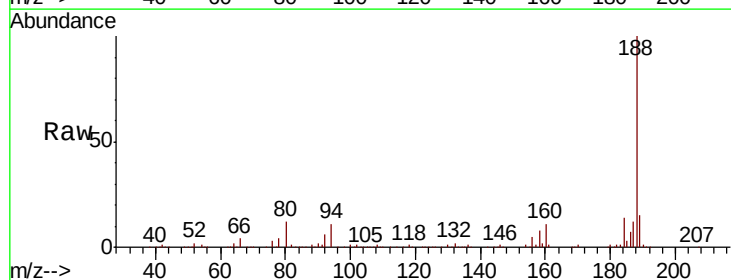


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

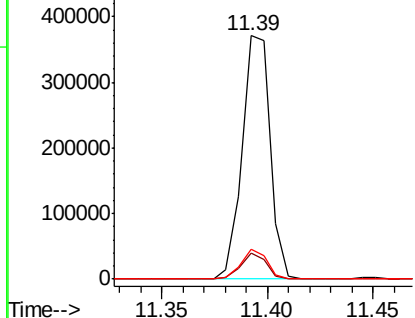
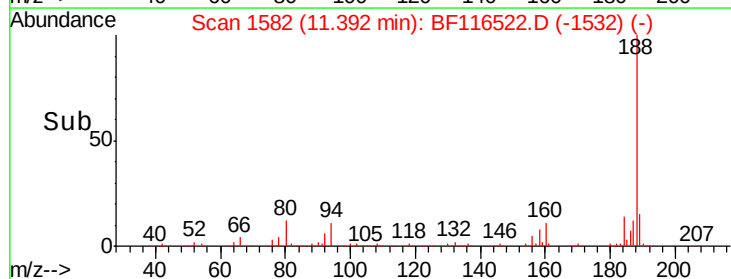


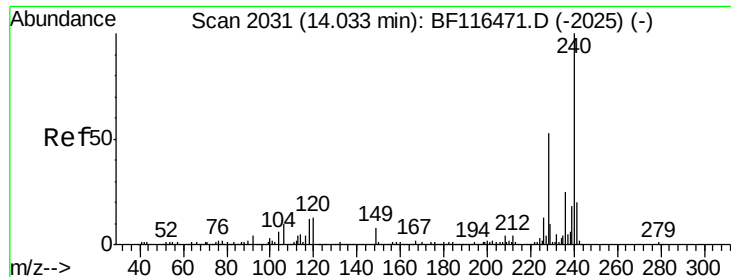
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF116522.D
Acq: 24 Aug 2019 14:34

Tgt Ion:188 Resp: 341625
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 12.1 8.6 12.8



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

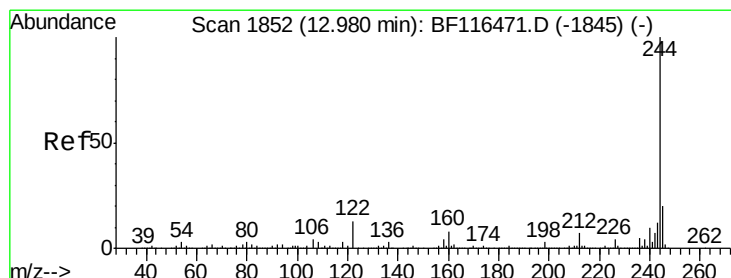
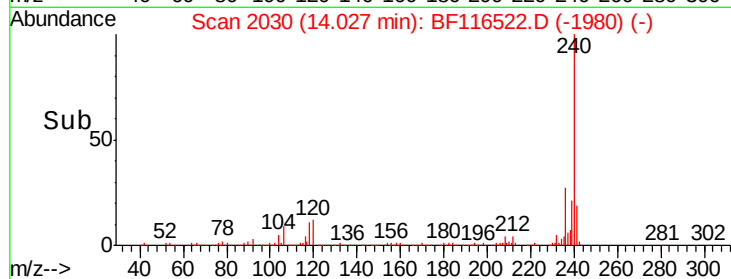
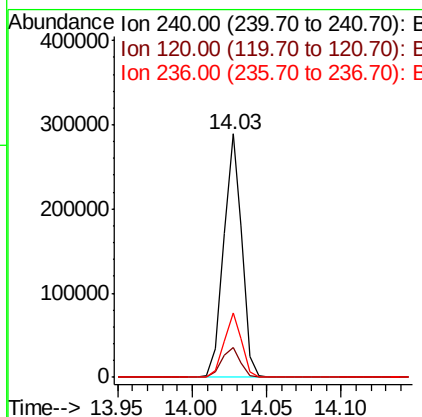
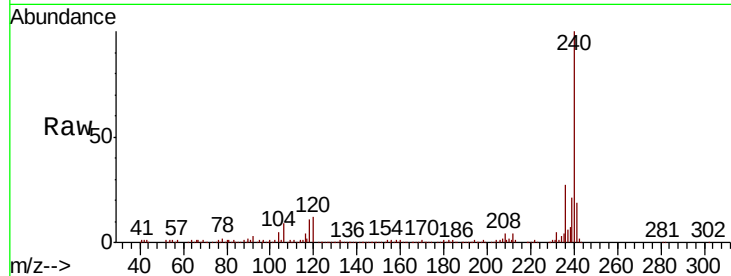




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116522.D
Acq: 24 Aug 2019 14:34

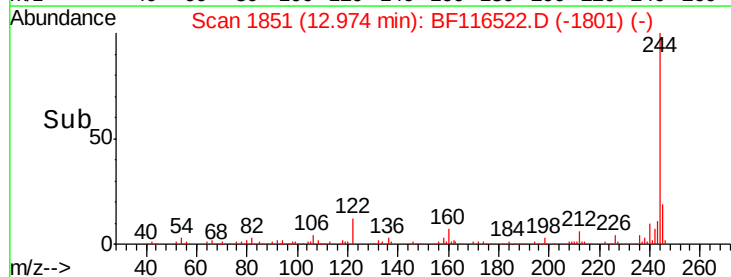
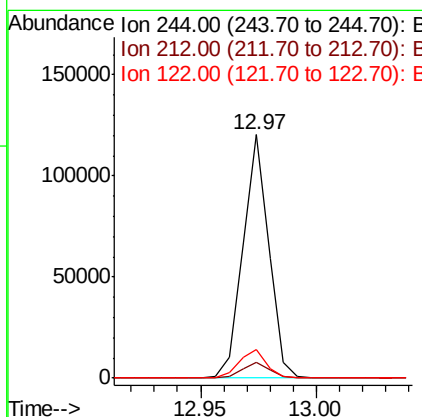
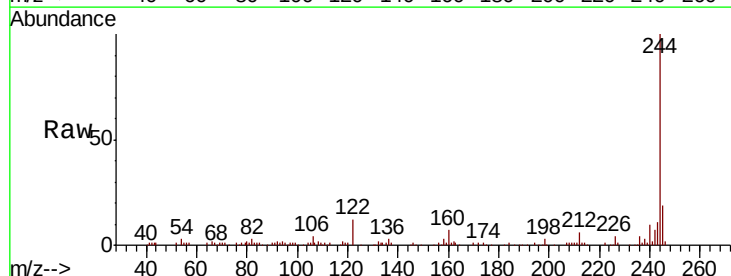
Instrument :
BNA_F
ClientSampleId :

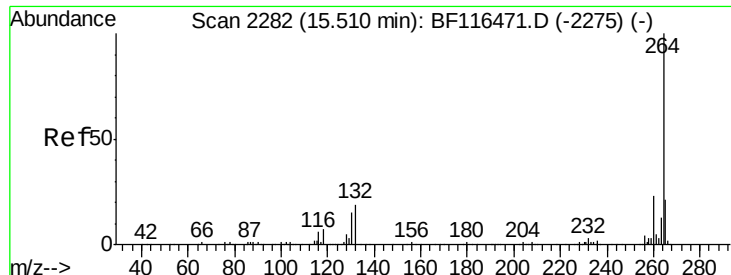
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.2	10.5	15.7
236	26.7	20.2	30.2



#79
Terphenyl-d14
Concen: 7.060 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF116522.D
Acq: 24 Aug 2019 14:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	11.7	10.2	15.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF116522.D
 Acq: 24 Aug 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.3	17.1	25.7

