

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040519\
 Data File : BF113638.D
 Acq On : 6 Apr 2019 2:06
 Operator : JU/SJ
 Sample : K2256-08 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 03:21:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

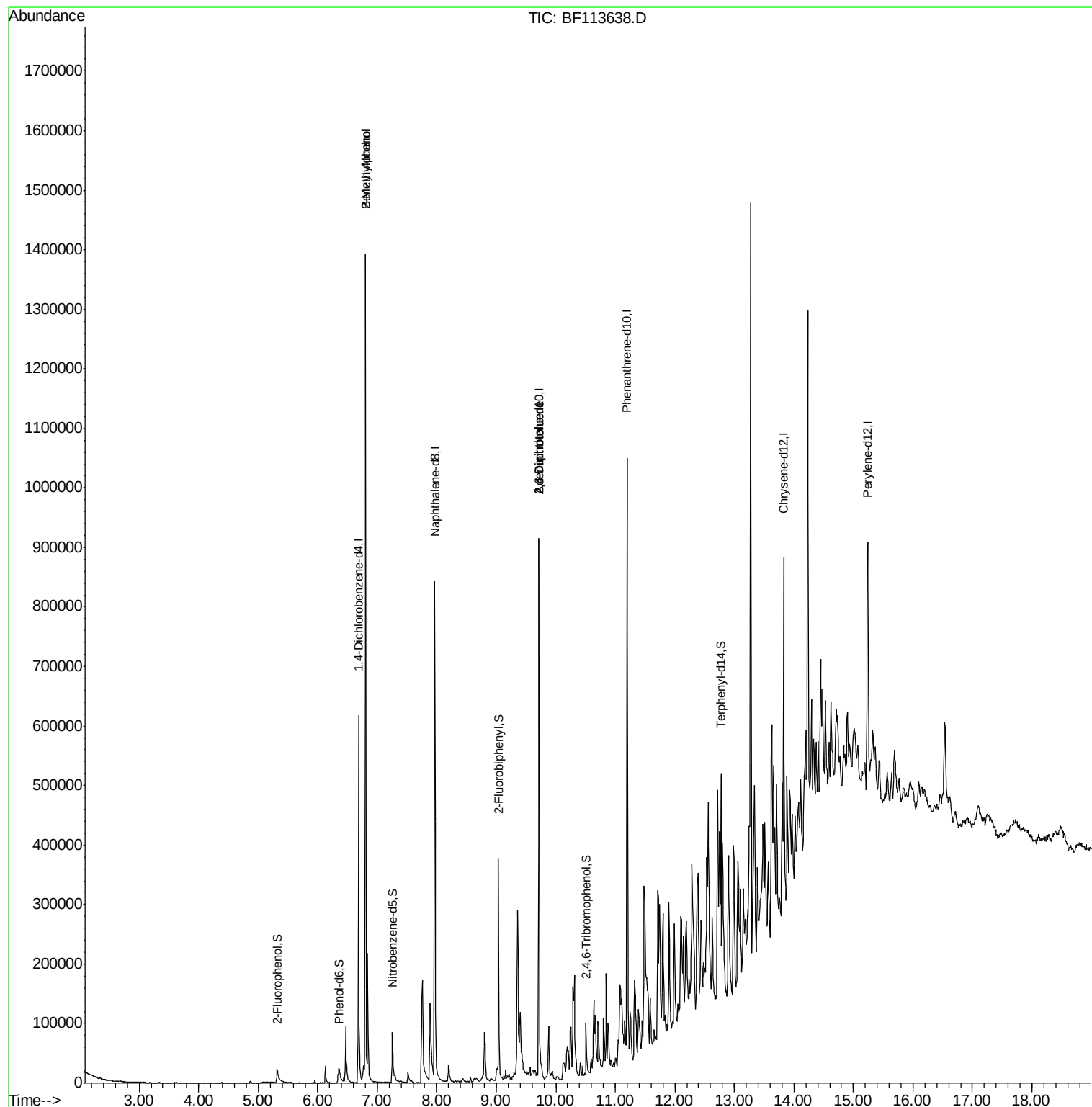
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	104647	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	388962	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	171896	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	316923	20.00	ng	0.00
76) Chrysene-d12	13.83	240	206109	20.00	ng	-0.01
87) Perylene-d12	15.24	264	166402	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	18447	3.01	ng	0.02
7) Phenol-d6	6.36	99	19015	2.51	ng	0.02
23) Nitrobenzene-d5	7.25	82	45768	6.89	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	13918	6.74	ng	0.00
45) 2-Fluorobiphenyl	9.04	172	120987	11.33	ng	-0.01
79) Terphenyl-d14	12.77	244	102695	10.14	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.80	79	64441	12.600	ng	# 56
17) 2-Methylphenol	6.80	107	37626	6.838	ng	# 1
51) 2,6-Dinitrotoluene	9.72	165	21902	7.842	ng	# 28
57) 2,4-Dinitrotoluene	9.72	165	21902	6.484	ng	# 25

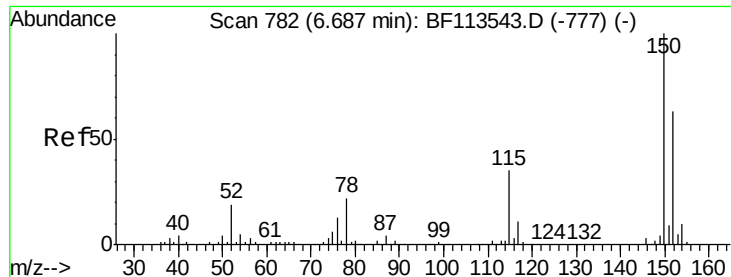
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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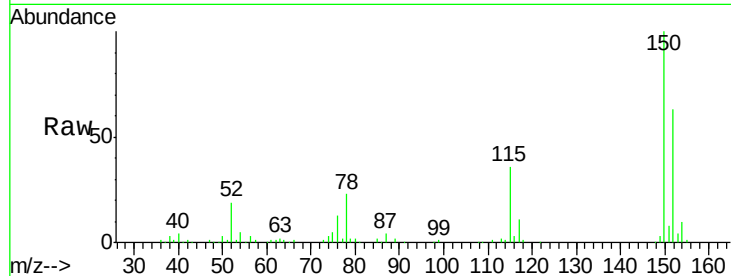


#1

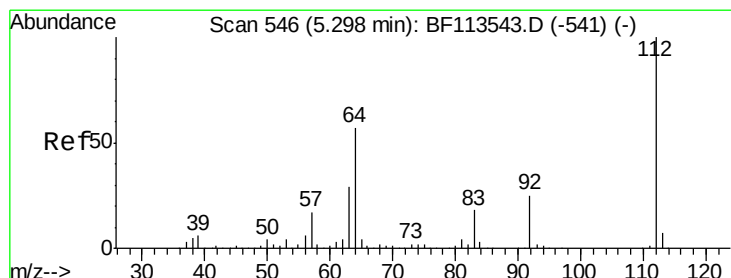
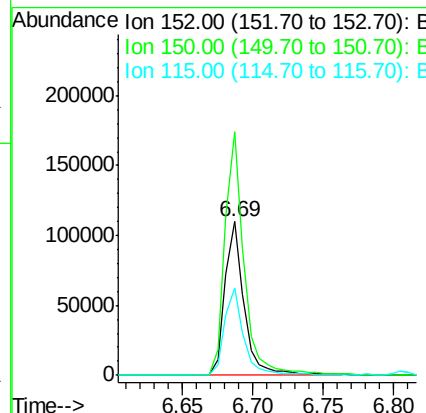
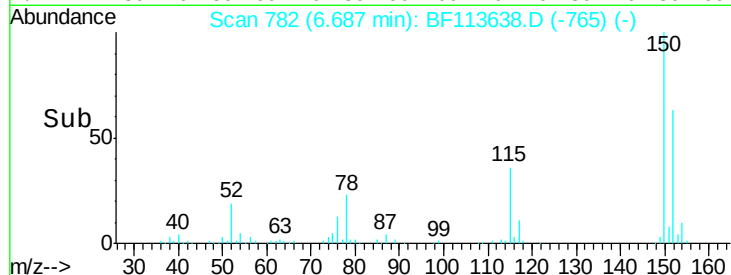
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF113638.D
Acq: 6 Apr 2019 2:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.7	187.1
115	56.8	46.0	69.0



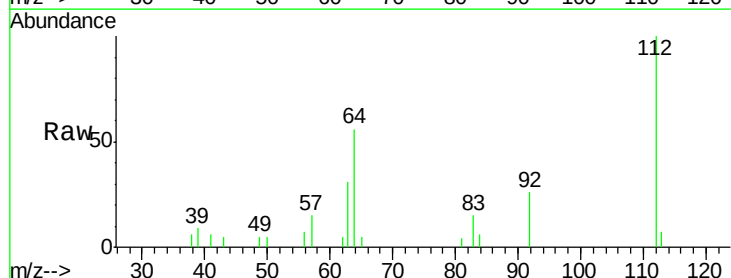
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



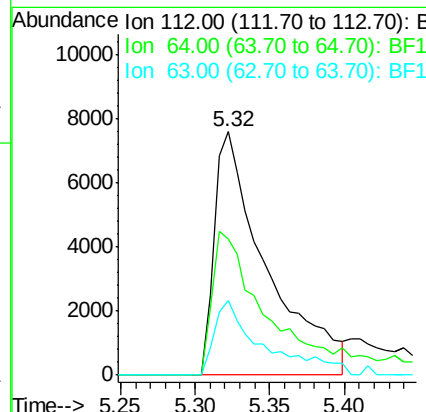
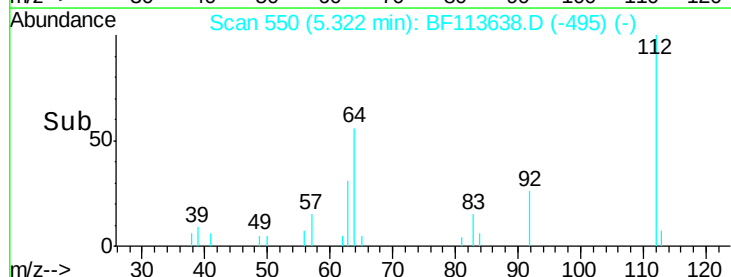
#5

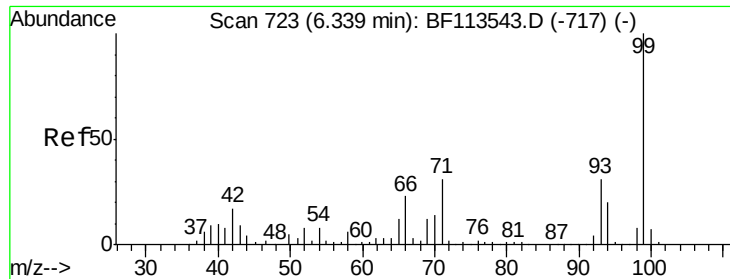
2-Fluorophenol
Concen: 3.006 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.02 min
Lab File: BF113638.D
Acq: 6 Apr 2019 2:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	49.2	73.8
63	30.9	24.9	37.3



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: 2.514 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.02 min

Lab File: BF113638.D

Acq: 6 Apr 2019 2:06

Instrument :

BNA_F

ClientSampleId :

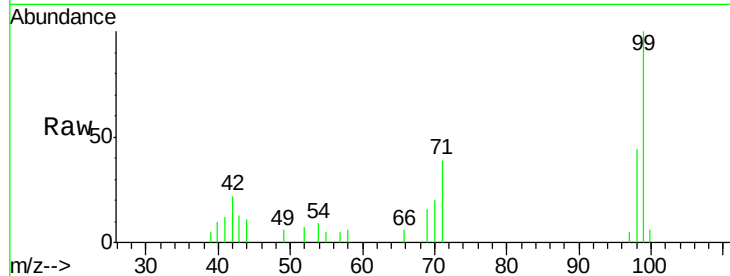
Tot Ion: 99 Resp: 19015

Ion Ratio Lower Upper

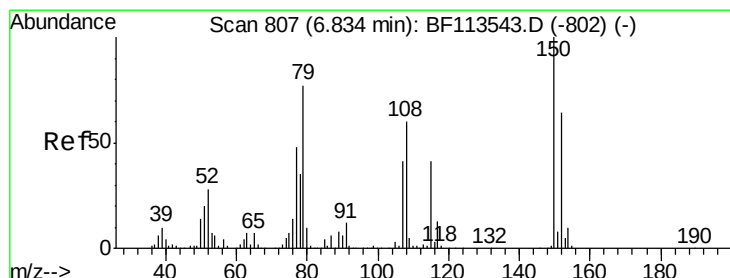
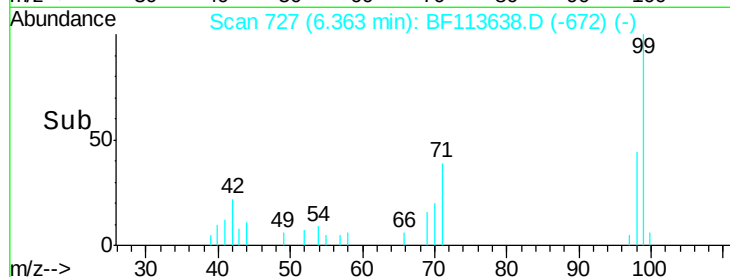
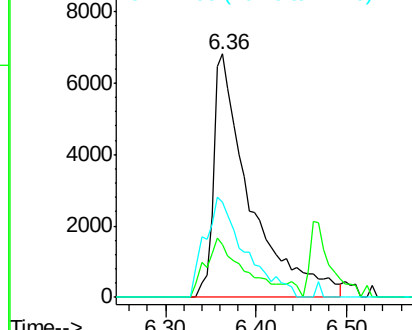
99 100

42 21.7 14.8 22.2

71 39.0 24.9 37.3#



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



#15

Benzyl Alcohol

Concen: 12.600 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.03 min

Lab File: BF113638.D

Acq: 6 Apr 2019 2:06

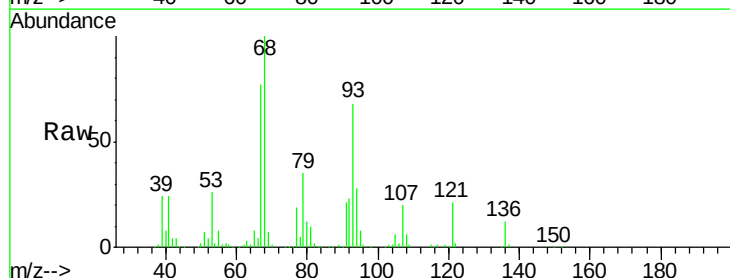
Tgt Ion: 79 Resp: 64441

Ion Ratio Lower Upper

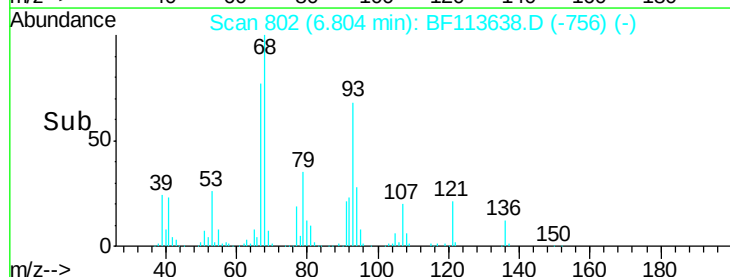
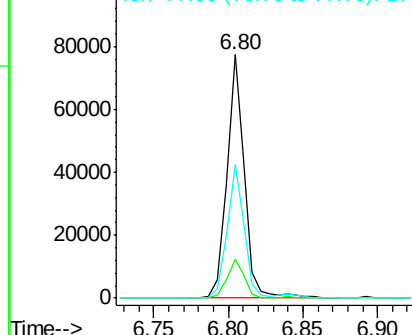
79 100

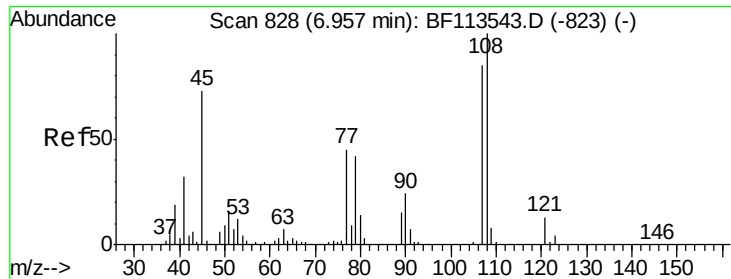
108 15.9 62.0 93.0#

77 54.8 49.9 74.9



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

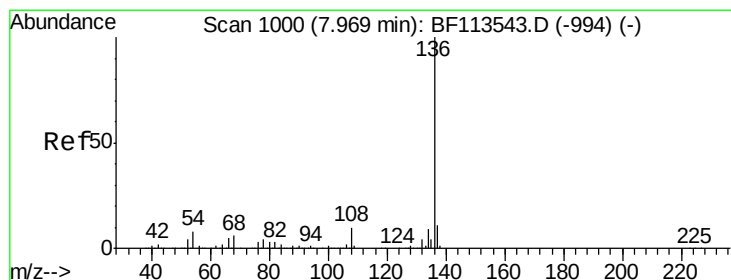
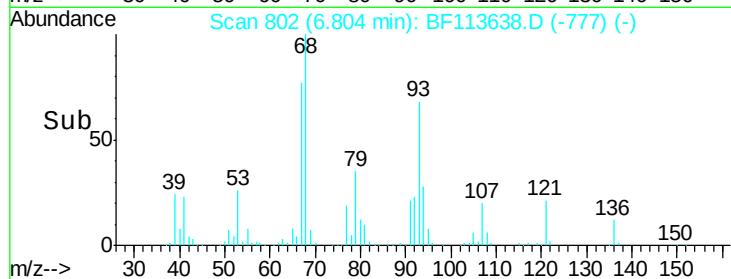
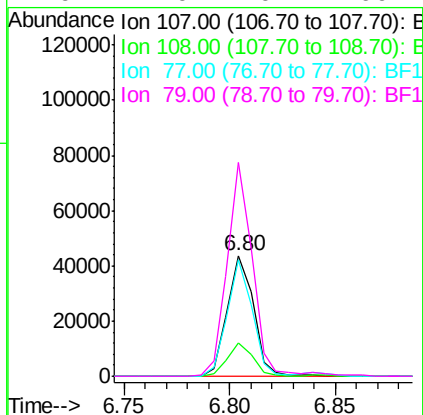
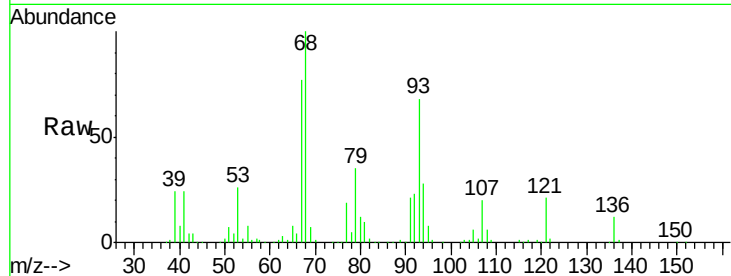




#17
2-Methylphenol
Concen: 6.838 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.15 min
Lab File: BF113638.D
Acq: 6 Apr 2019 2:06

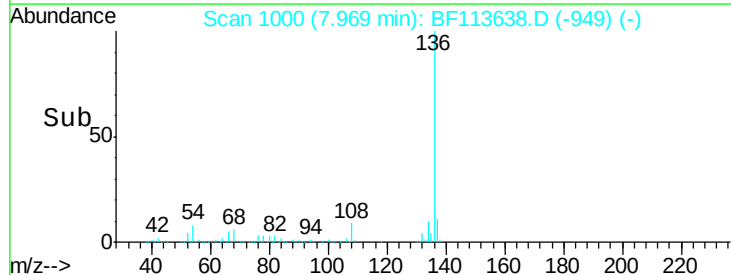
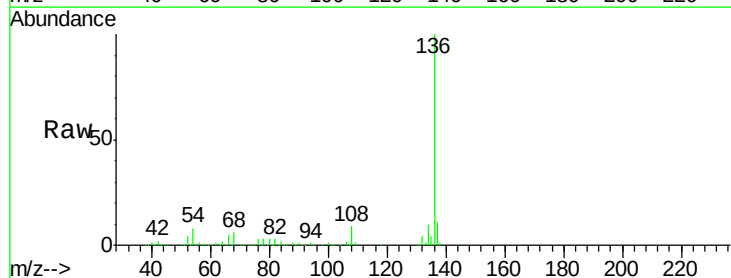
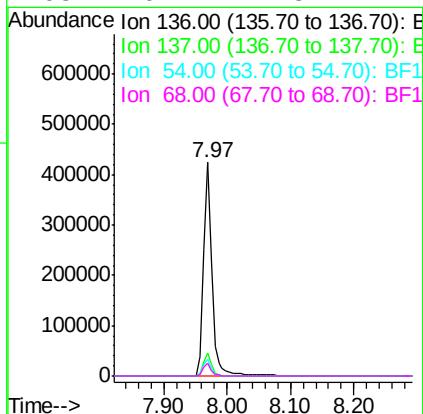
Instrument :
BNA_F
ClientSampled :

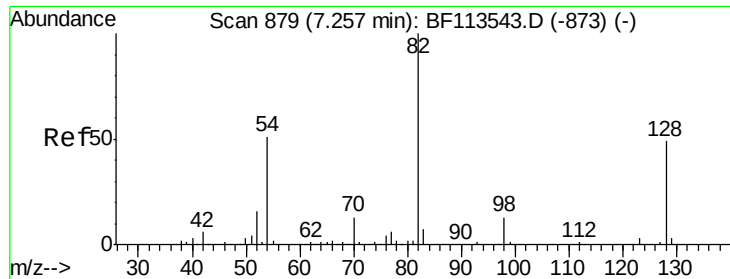
Tot Ion	Ratio	Lower	Upper
107	100		
108	28.1	93.4	140.0#
77	96.9	41.2	61.8#
79	177.0	40.1	60.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF113638.D
Acq: 6 Apr 2019 2:06

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.7	7.0	10.6
68	6.1	4.8	7.2

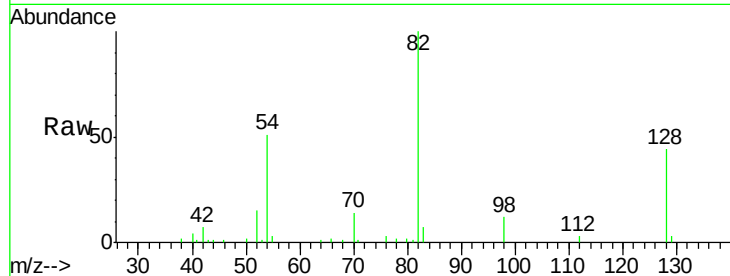




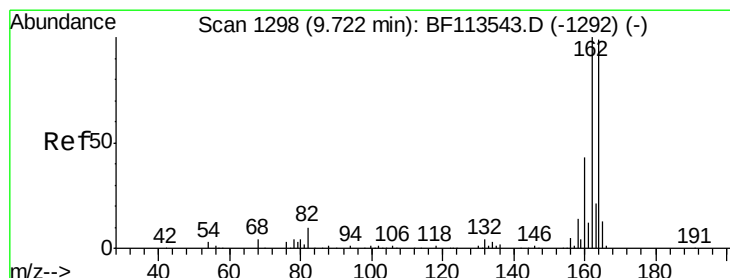
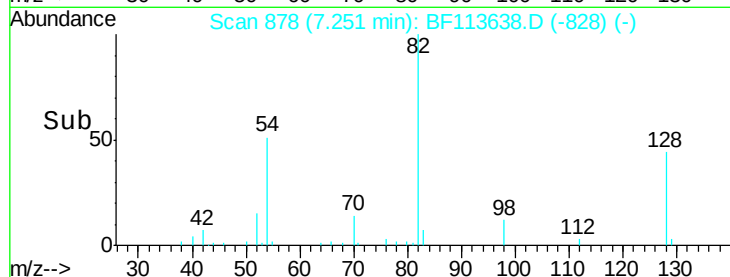
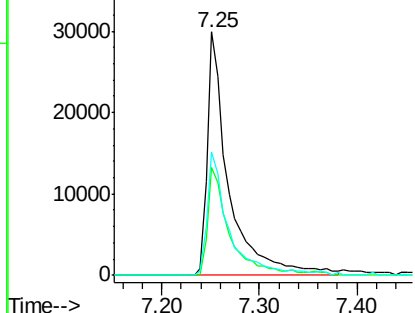
#23
Nitrobenzene-d5
Concen: 6.892 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF113638.D
Acq: 6 Apr 2019 2:06

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 45768
Ion Ratio Lower Upper
82 100
128 44.3 36.5 54.7
54 50.8 42.2 63.2

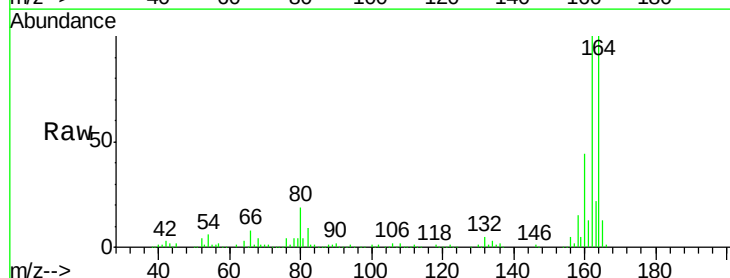


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

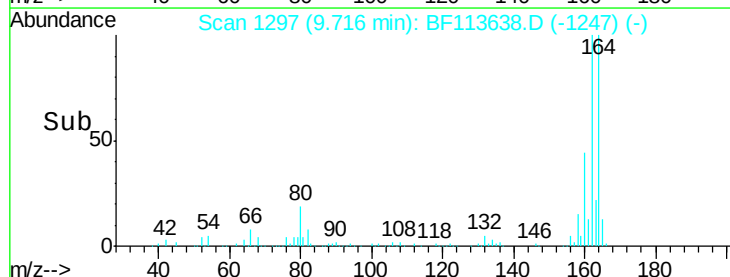
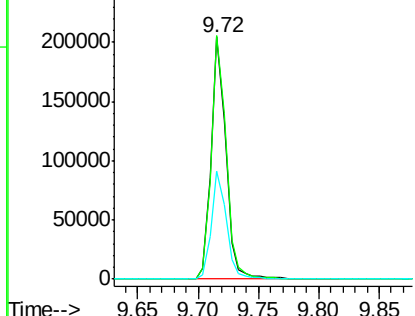


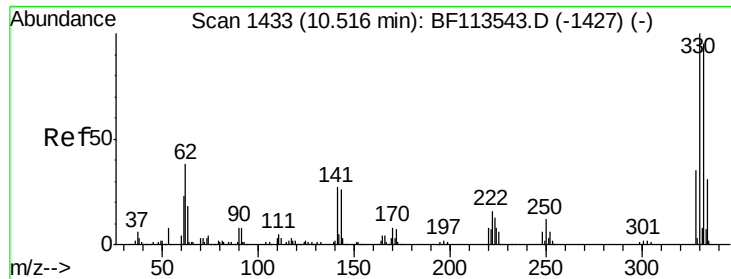
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF113638.D
Acq: 6 Apr 2019 2:06

Tgt Ion:164 Resp: 171896
Ion Ratio Lower Upper
164 100
162 100.5 81.8 122.6
160 44.5 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 6.740 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF113638.D

Acq: 6 Apr 2019 2:06

Instrument :

BNA_F

ClientSampleId :

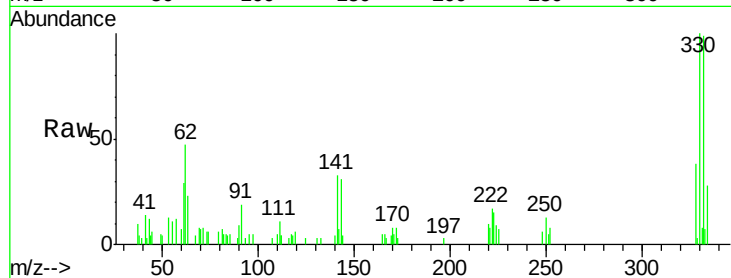
Tot Ion:330 Resp: 13918

Ion Ratio Lower Upper

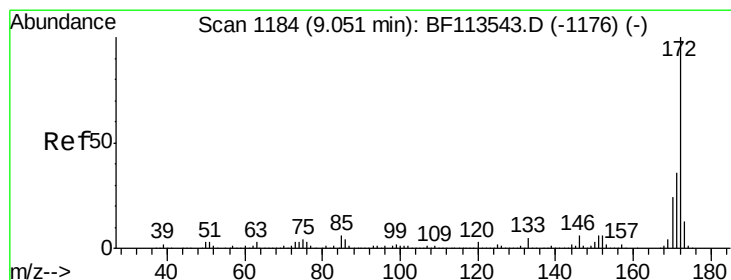
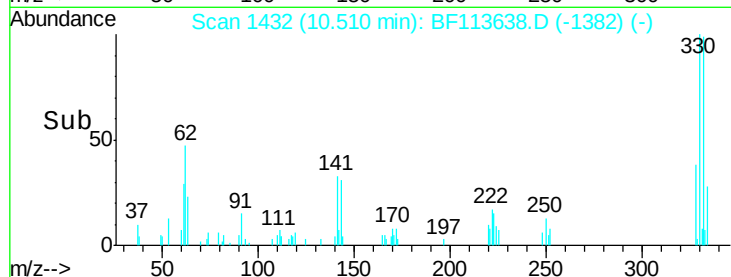
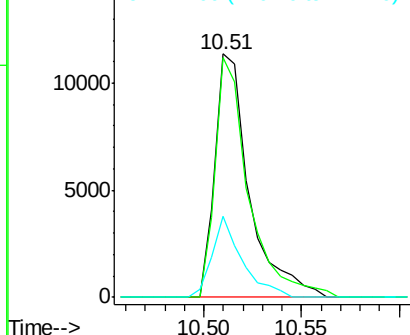
330 100

332 96.0 77.8 116.6

141 29.0 22.7 34.1



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: 11.331 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF113638.D

Acq: 6 Apr 2019 2:06

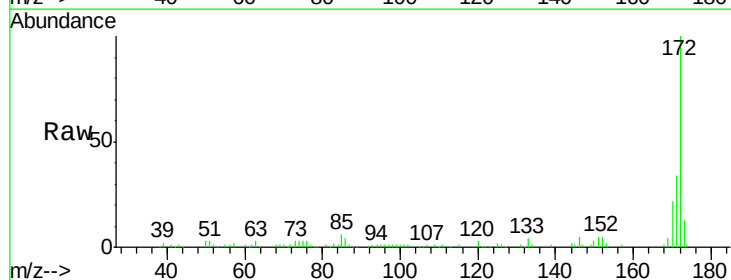
Tgt Ion:172 Resp: 120987

Ion Ratio Lower Upper

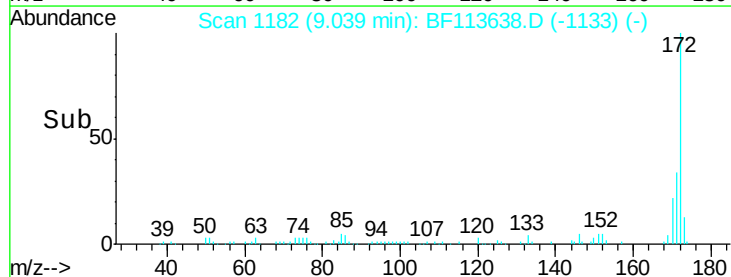
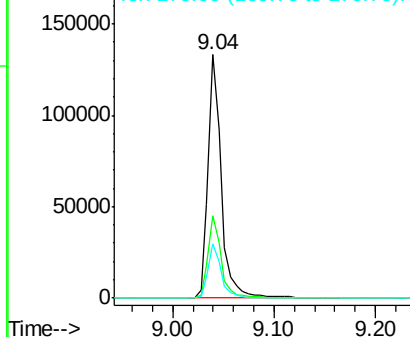
172 100

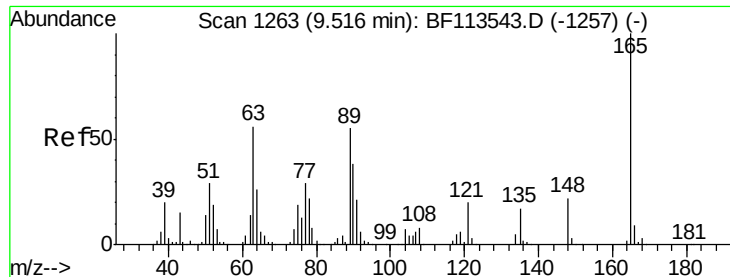
171 34.1 29.0 43.6

170 22.4 19.5 29.3



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: 7.842 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.20 min

Lab File: BF113638.D

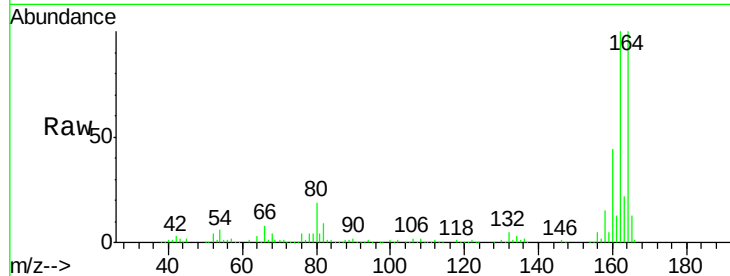
Acq: 6 Apr 2019 2:06

Instrument :

BNA_F

ClientSampleId :

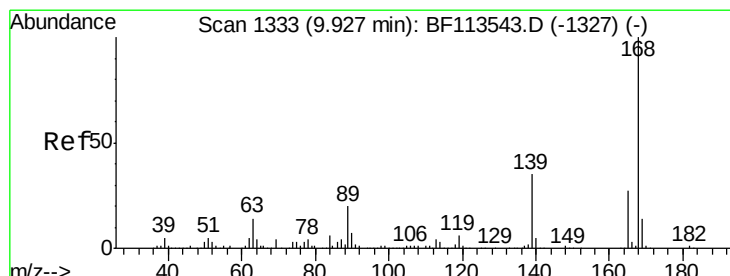
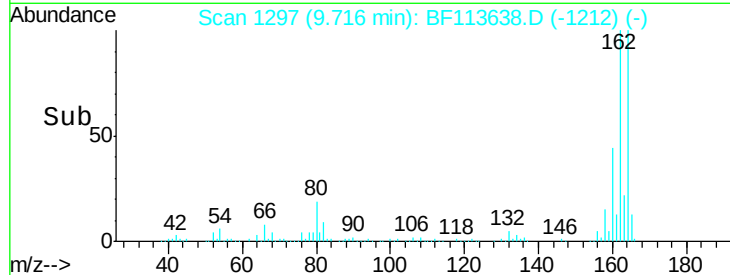
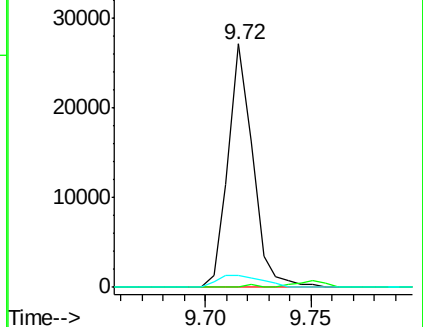
Tot Ion:165	Resp:	21902
Ion Ratio	Lower	Upper
165	100	
63	0.0	43.4 65.0#
89	5.0	43.1 64.7#



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: 6.484 ng

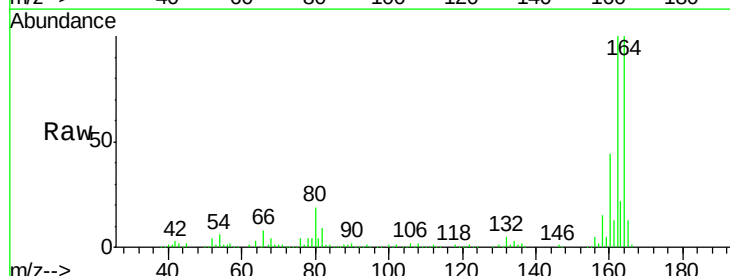
RT: 9.72 min Scan# 1297

Delta R.T. -0.21 min

Lab File: BF113638.D

Acq: 6 Apr 2019 2:06

Tgt Ion:165	Resp:	21902
Ion Ratio	Lower	Upper
165	100	
63	0.0	37.5 56.3#
89	5.0	57.4 86.2#
182	0.0	2.0 3.0#

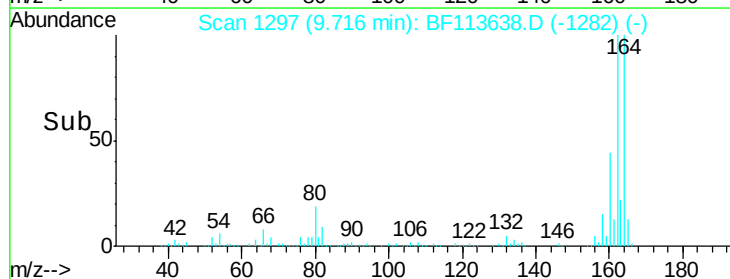
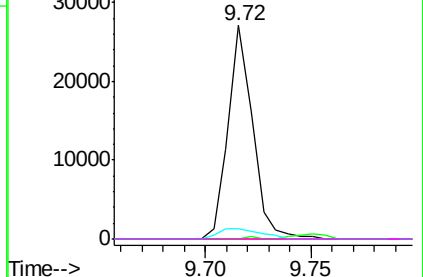


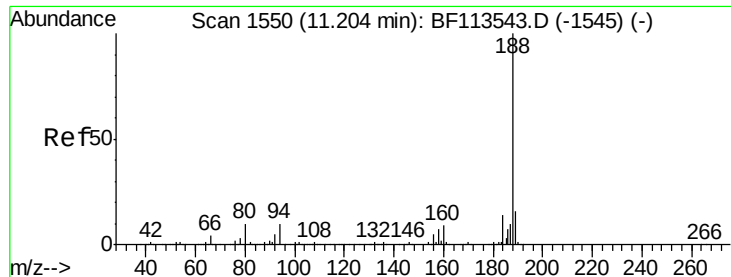
Abundance Ion 165.00 (164.70 to 165.70): E

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

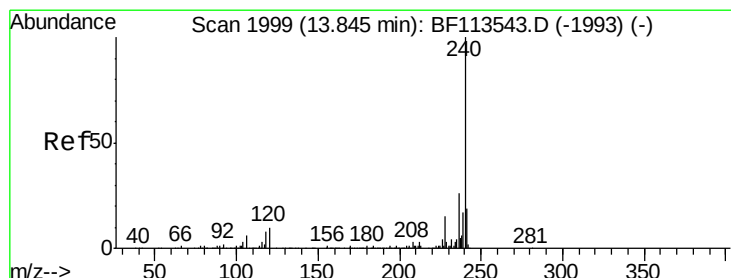
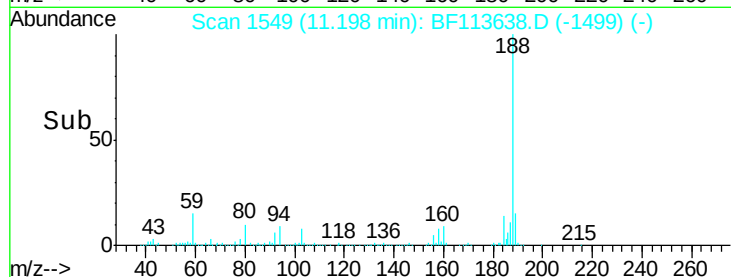
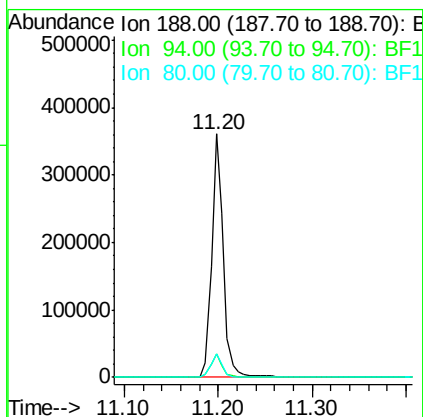
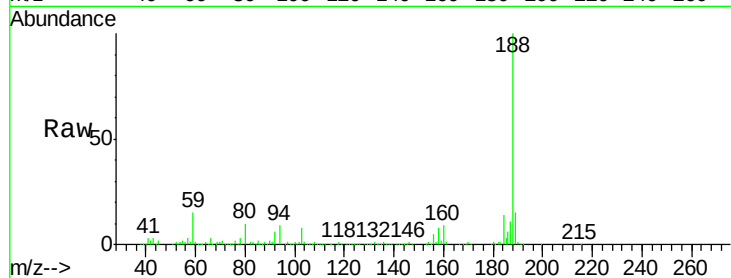




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF113638.D
Acq: 6 Apr 2019 2:06

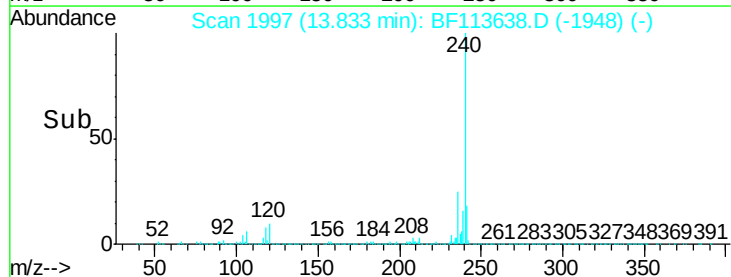
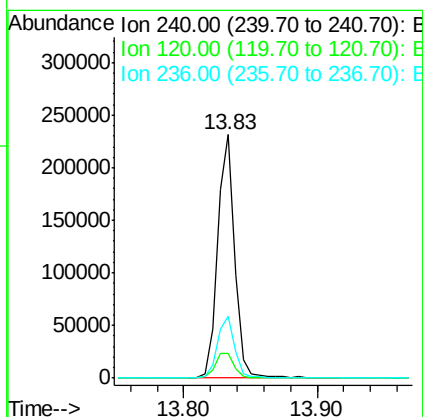
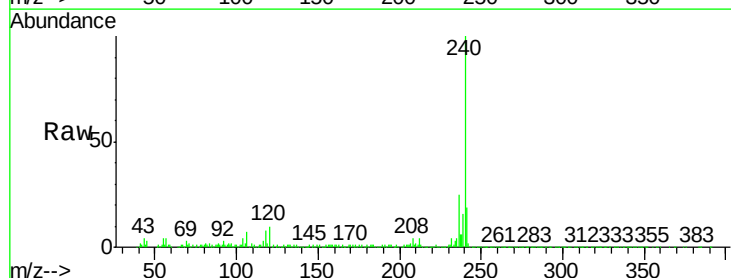
Instrument :
BNA_F
ClientSampled :

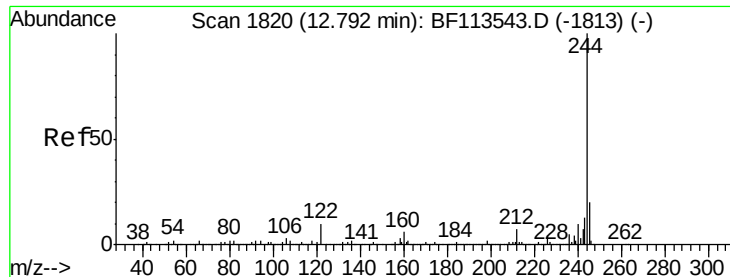
Tot Ion:188 Resp: 316923
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 9.6 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113638.D
Acq: 6 Apr 2019 2:06

Tgt Ion:240 Resp: 206109
Ion Ratio Lower Upper
240 100
120 10.1 8.8 13.2
236 25.2 20.9 31.3





#79

Terphenyl-d14

Concen: 10.145 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF113638.D

Acq: 6 Apr 2019 2:06

Instrument :

BNA_F

ClientSampleId :

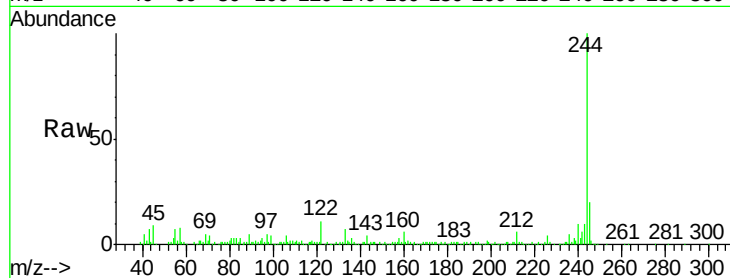
Tot Ion:244 Resp: 102695

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

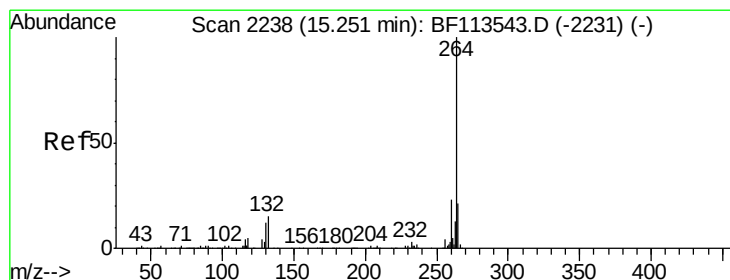
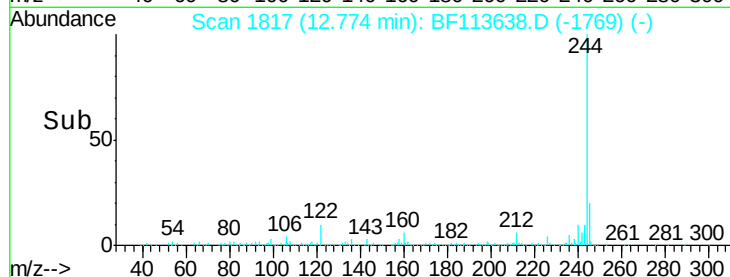
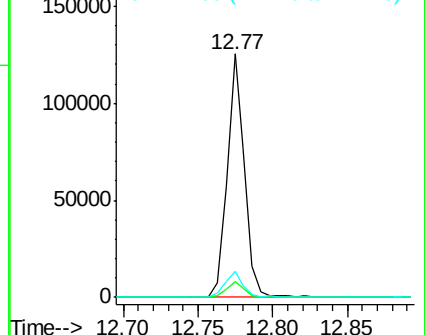
122 10.6 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113638.D

Acq: 6 Apr 2019 2:06

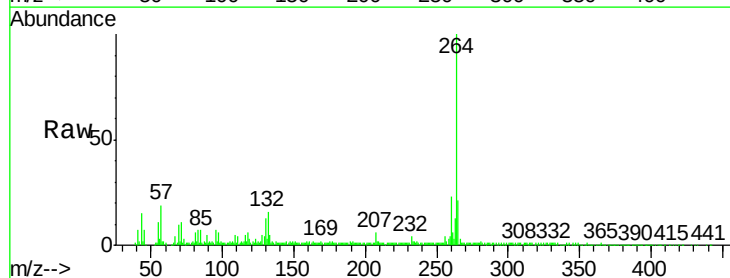
Tgt Ion:264 Resp: 166402

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.0 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

