

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115549.D
 Acq On : 13 Jul 2019 1:41
 Operator : HP/JU
 Sample : K3768-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 03:44:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

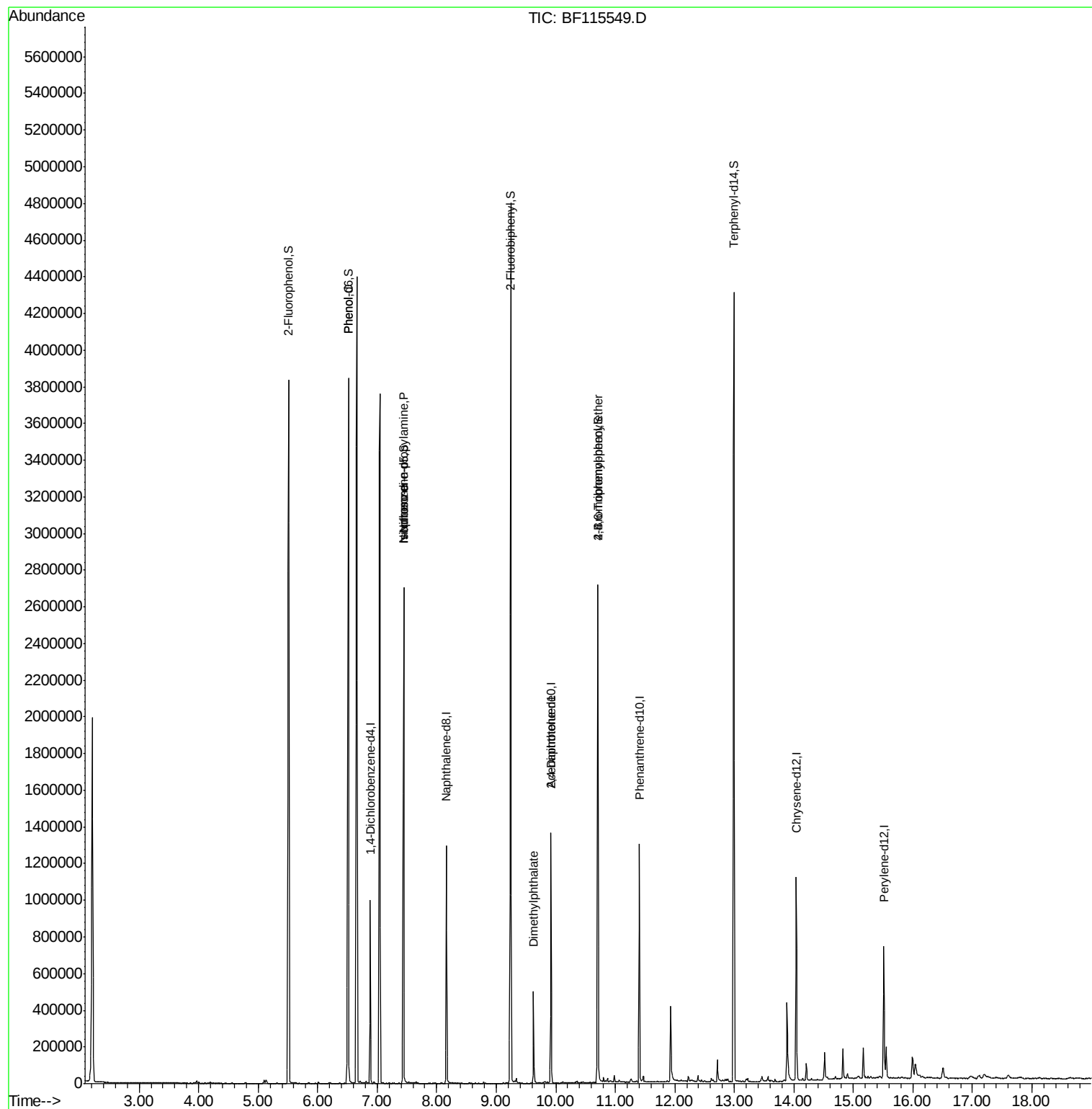
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	155720	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	582370	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	270303	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	459863	20.00	ng	0.00
76) Chrysene-d12	14.04	240	346569	20.00	ng	-0.01
87) Perylene-d12	15.52	264	369376	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1285167	135.00	ng	0.00
7) Phenol-d6	6.52	99	1628149	134.78	ng	0.00
23) Nitrobenzene-d5	7.45	82	1045238	104.36	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	384542	121.88	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1724405	111.66	ng	0.00
79) Terphenyl-d14	12.99	244	1518587	80.85	ng	0.00
Target Compounds						
10) Phenol	6.52	94	31126	2.220	ng	92
19) n-Nitroso-di-n-propylamine	7.45	70	138915	17.633	ng	# 77
25) Isophorone	7.45	82	1034725	51.630	ng	# 64
50) Dimethylphthalate	9.63	163	217377	10.689	ng	99
57) 2,4-Dinitrotoluene	9.92	165	34693	5.794	ng	# 24
67) 4-Bromophenyl-phenylether	10.71	248	23999	4.567	ng	# 1

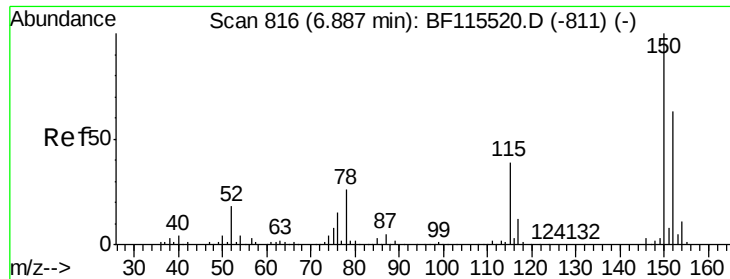
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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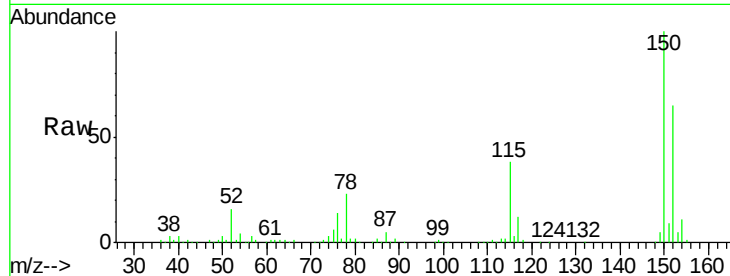


#1

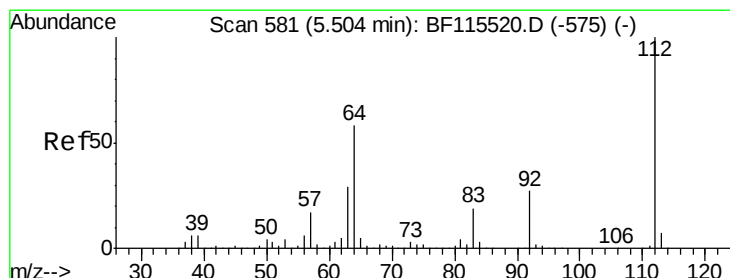
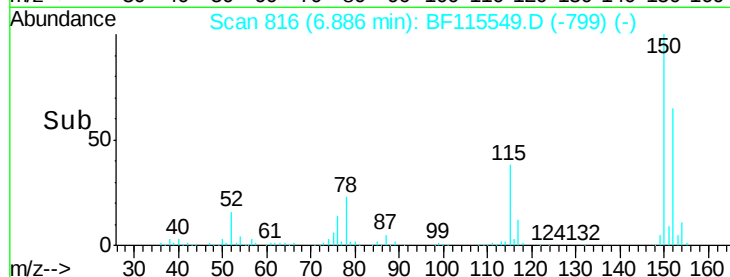
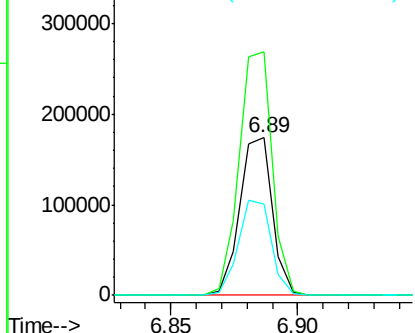
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF115549.D
Acq: 13 Jul 2019 1:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 155720
Ion Ratio Lower Upper
152 100
150 154.3 129.7 194.5
115 58.0 48.2 72.4



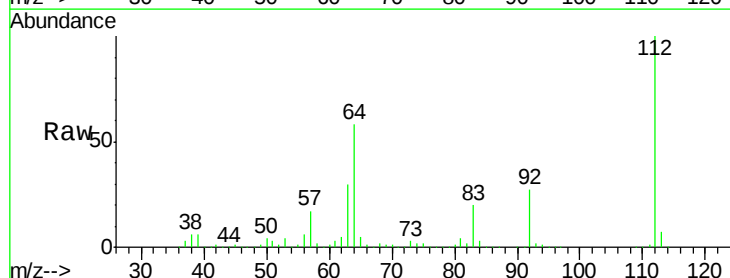
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



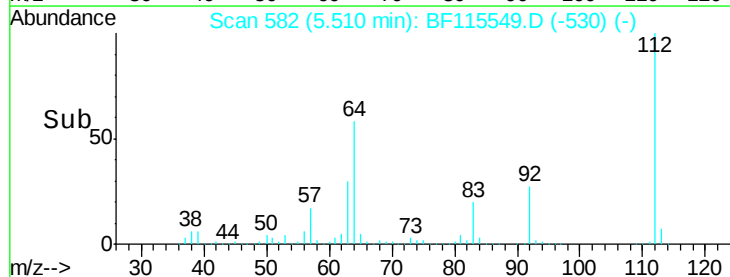
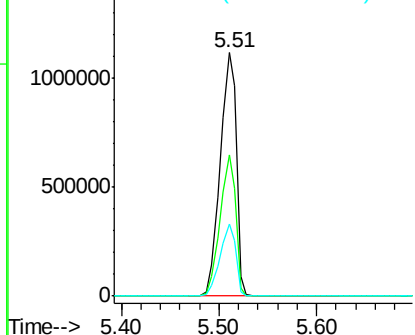
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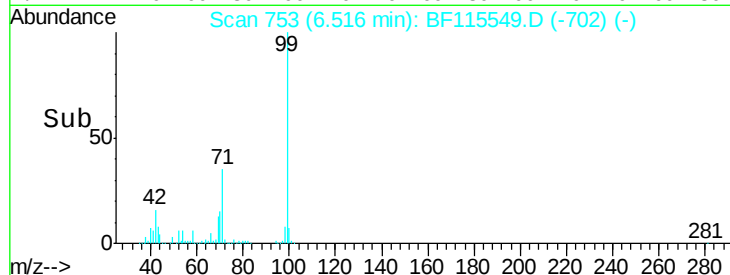
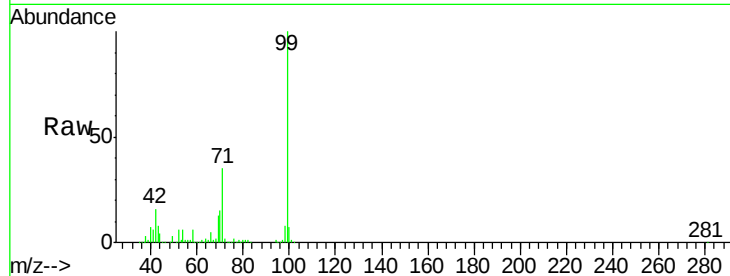
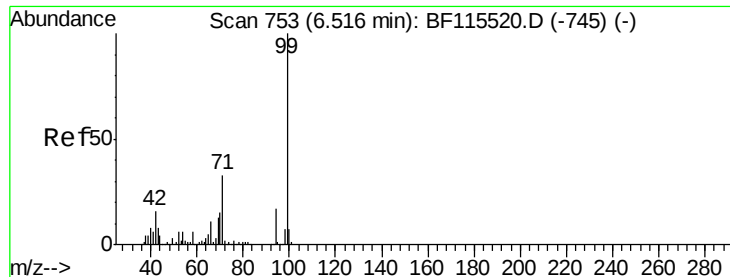
2-Fluorophenol
Concen: 134.996 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115549.D
Acq: 13 Jul 2019 1:41

Tgt Ion:112 Resp: 1285167
Ion Ratio Lower Upper
112 100
64 58.0 46.8 70.2
63 29.5 24.1 36.1



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: 134.783 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115549.D

Acq: 13 Jul 2019 1:41

Instrument :

BNA_F

ClientSampleId :

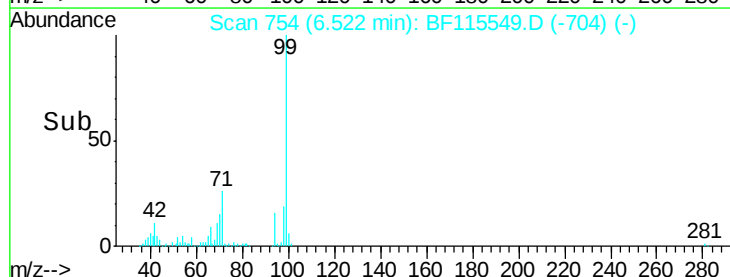
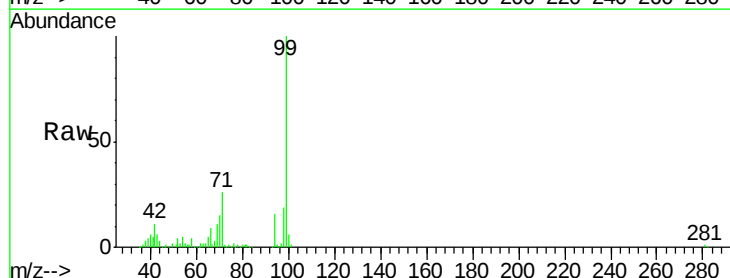
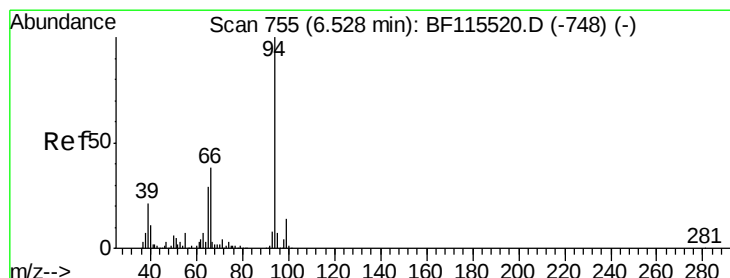
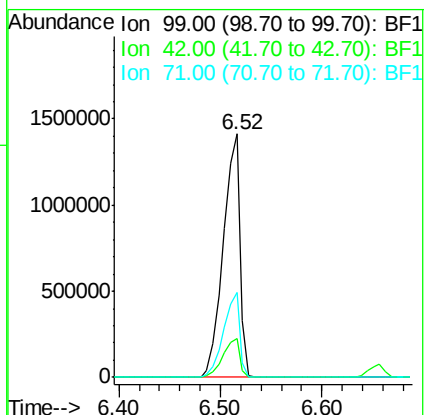
Tot Ion: 99 Resp: 1628149

Ion Ratio Lower Upper

99 100

42 16.0 13.6 20.4

71 34.6 28.5 42.7



#10

Phenol

Concen: 2.220 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF115549.D

Acq: 13 Jul 2019 1:41

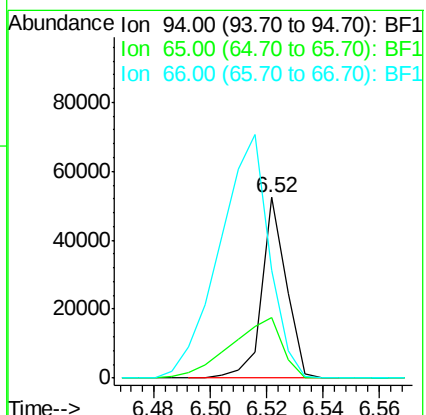
Tgt Ion: 94 Resp: 31126

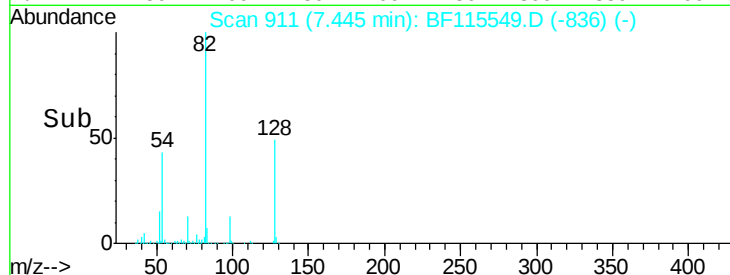
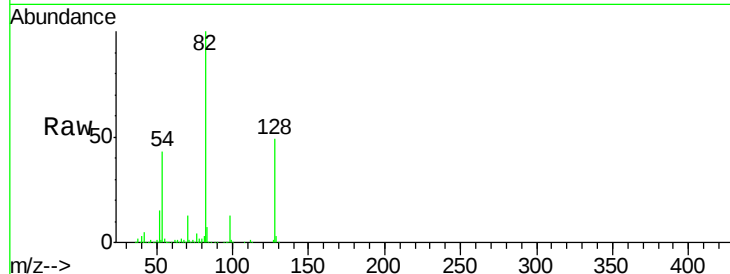
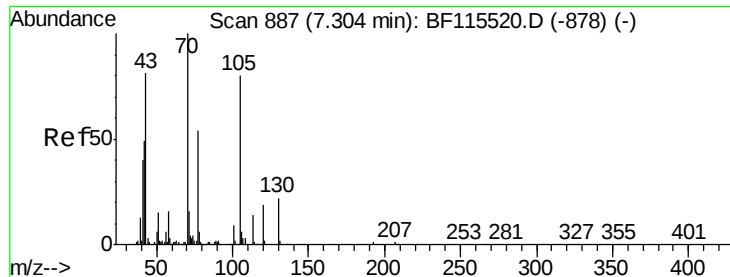
Ion Ratio Lower Upper

94 100

65 33.3 14.5 54.5

66 59.5 31.3 71.3

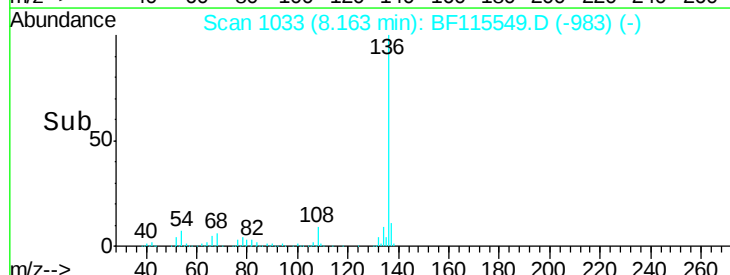
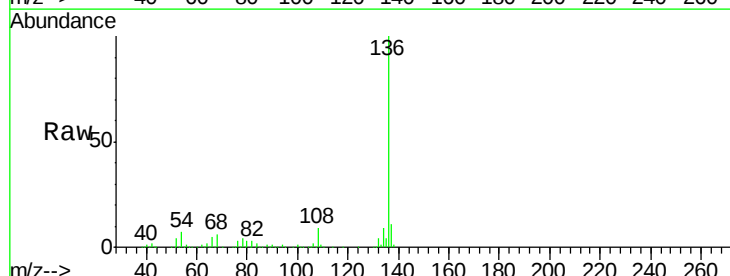
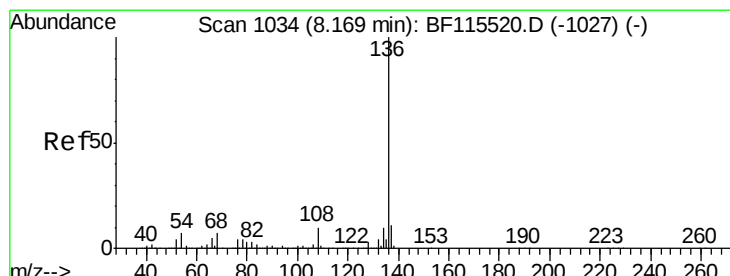
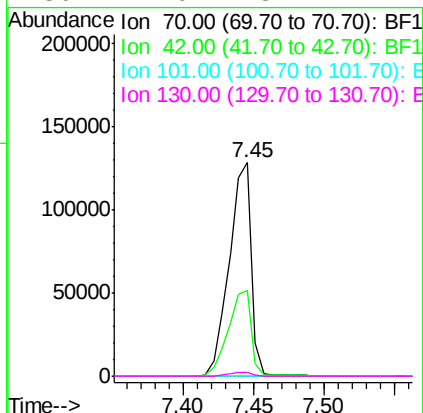




#19
n-Nitroso-di-n-propylamine
Concen: 17.633 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF115549.D
Acq: 13 Jul 2019 1:41

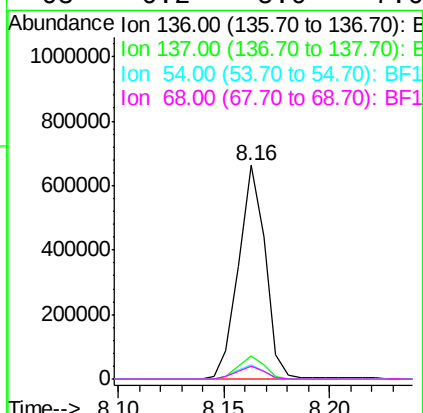
Instrument :
BNA_F
ClientSampleId :

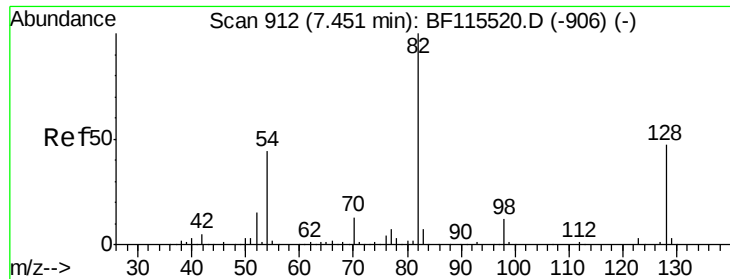
Tot Ion	70	Resp	138915
Ion Ratio	Lower	Upper	
70	100		
42	40.1	39.6	59.4
101	0.0	8.1	12.1#
130	2.0	18.2	27.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115549.D
Acq: 13 Jul 2019 1:41

Tgt Ion	136	Resp	582370
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.4
54	6.5	5.6	8.4
68	6.2	5.0	7.6

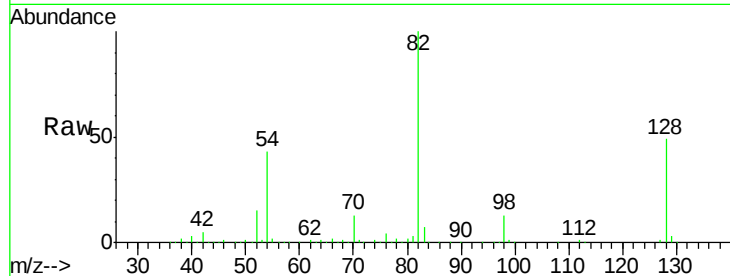




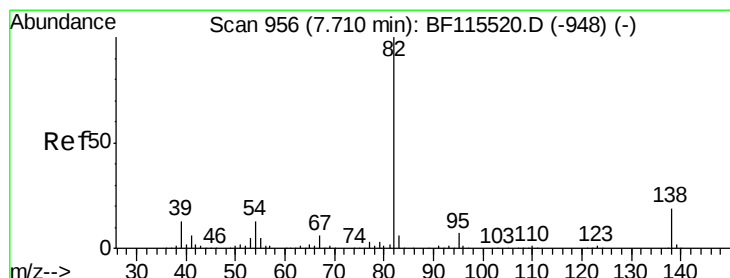
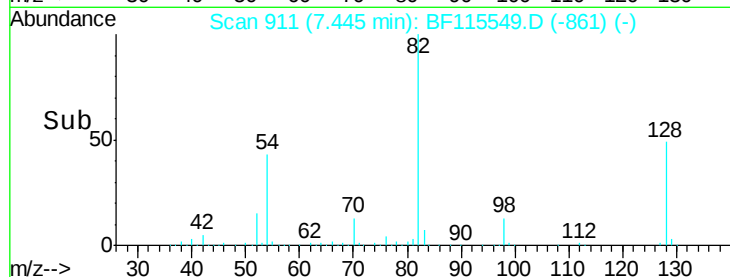
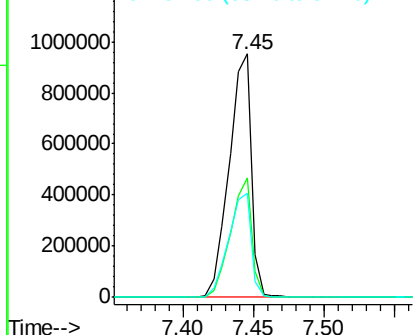
#23
Nitrobenzene-d5
Concen: 104.362 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115549.D
Acq: 13 Jul 2019 1:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1045238
Ion Ratio Lower Upper
82 100
128 48.8 38.6 57.8
54 42.8 35.6 53.4

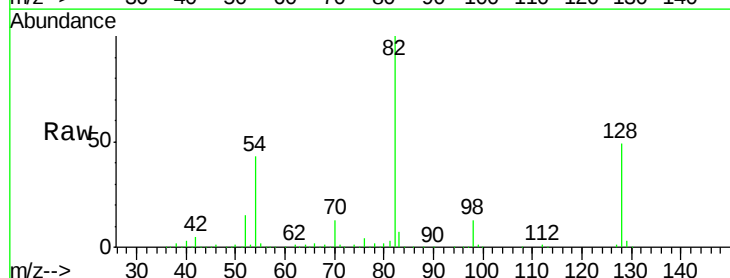


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

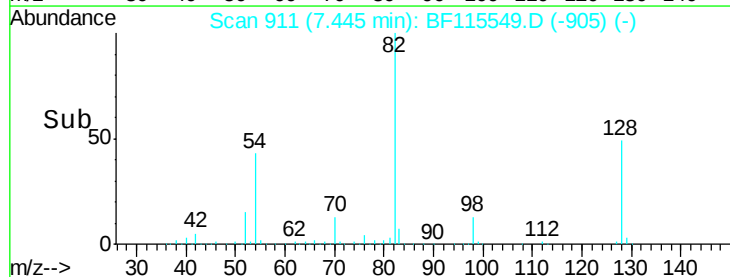
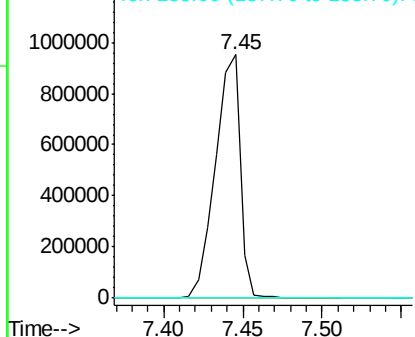


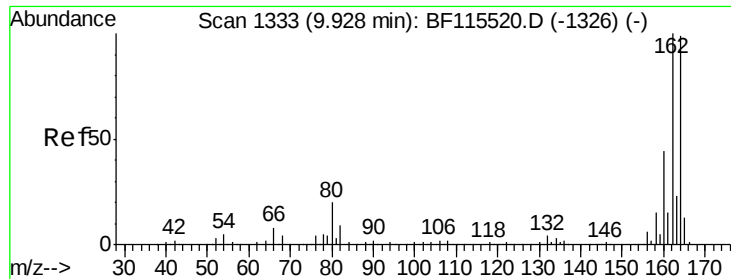
#25
Isophorone
Concen: 51.630 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF115549.D
Acq: 13 Jul 2019 1:41

Tgt Ion: 82 Resp: 1034725
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.9 22.3#



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

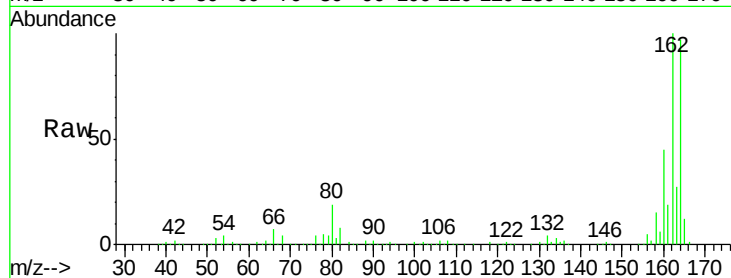




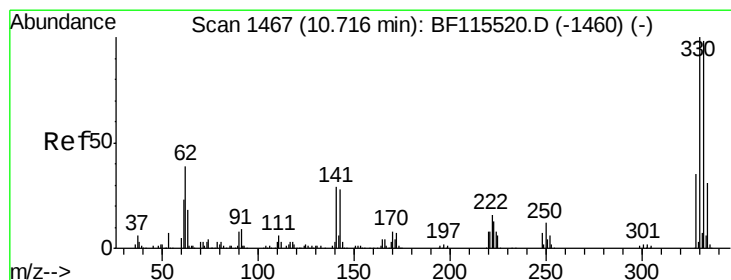
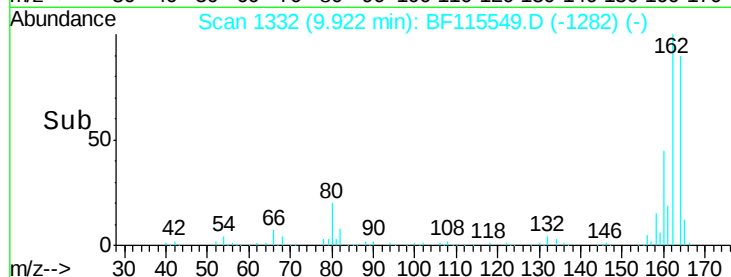
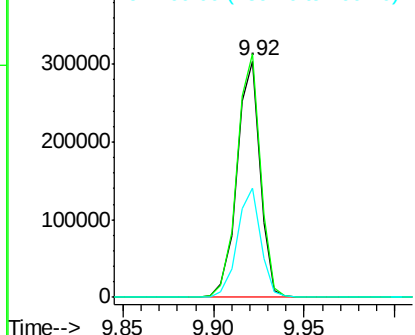
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115549.D
Acq: 13 Jul 2019 1:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 270303
Ion Ratio Lower Upper
164 100
162 103.0 82.9 124.3
160 46.4 36.8 55.2

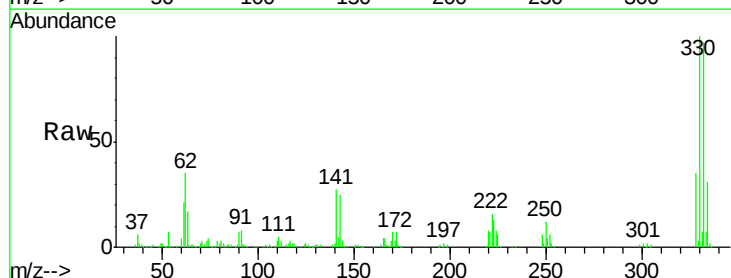


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

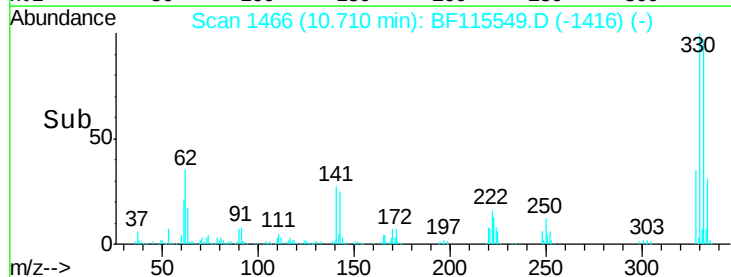
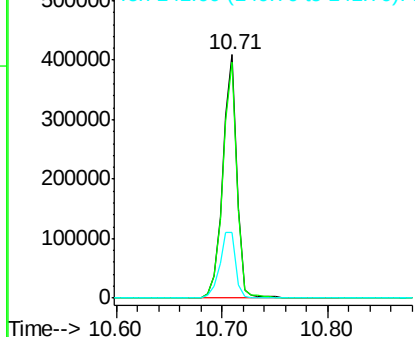


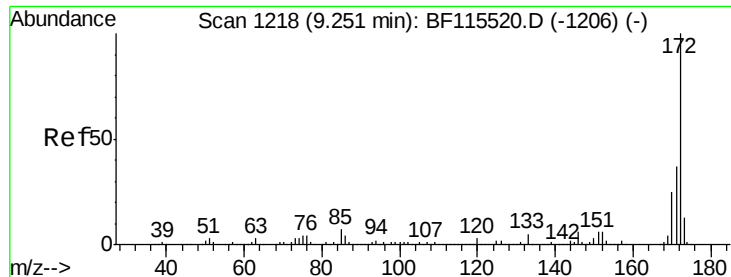
#42
2,4,6-Tribromophenol
Concen: 121.880 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF115549.D
Acq: 13 Jul 2019 1:41

Tgt Ion:330 Resp: 384542
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.2
141 30.9 22.4 33.6



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

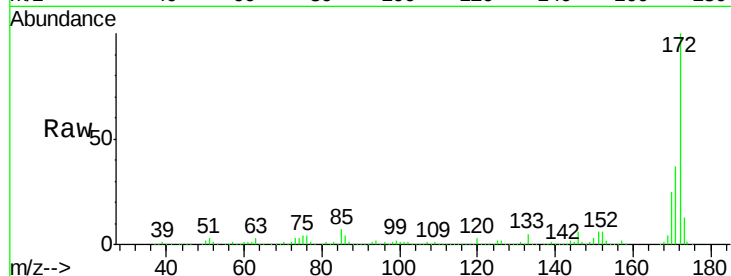




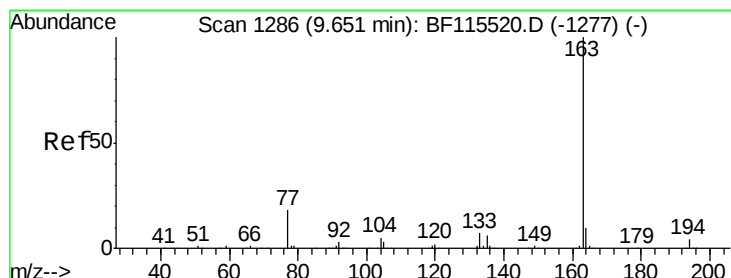
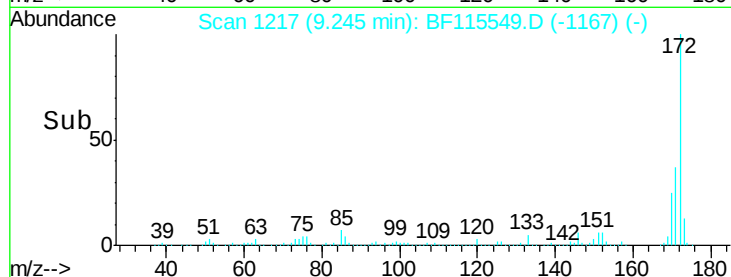
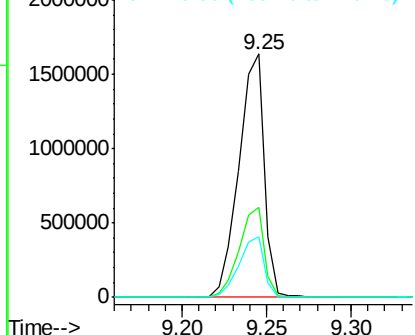
#45
2-Fluorobiphenyl
Concen: 111.660 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115549.D
Acq: 13 Jul 2019 1:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1724405
Ion Ratio Lower Upper
172 100
171 36.9 30.6 46.0
170 24.9 20.5 30.7

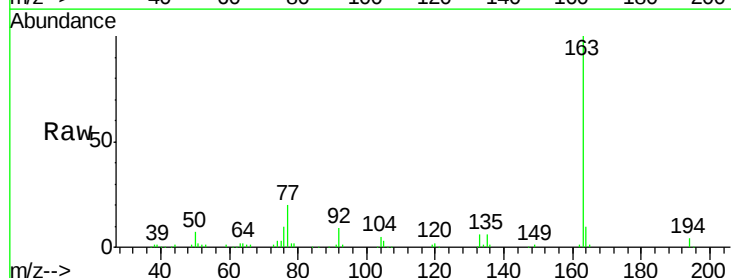


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

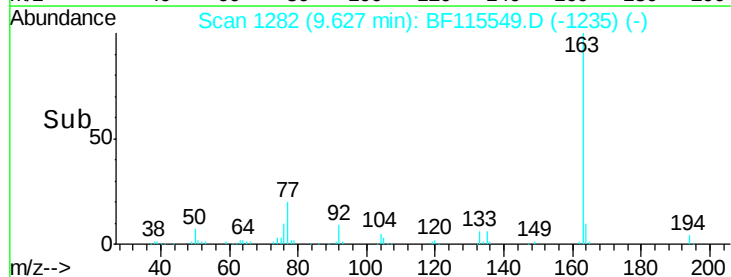
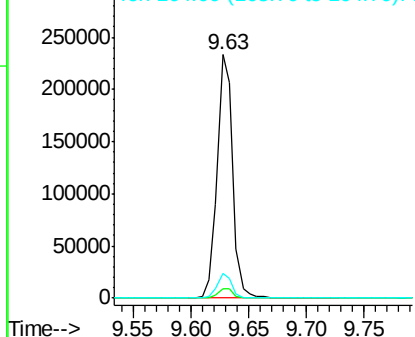


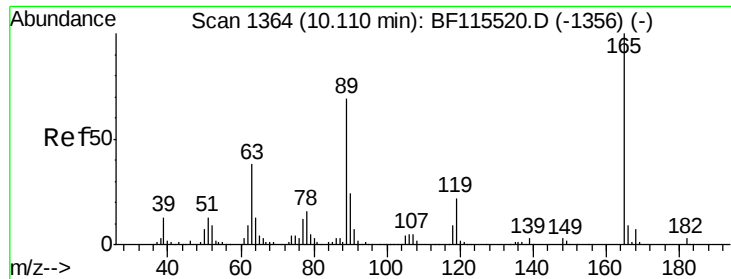
#50
Dimethylphthalate
Concen: 10.689 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115549.D
Acq: 13 Jul 2019 1:41

Tgt Ion:163 Resp: 217377
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.4 8.7 13.1



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

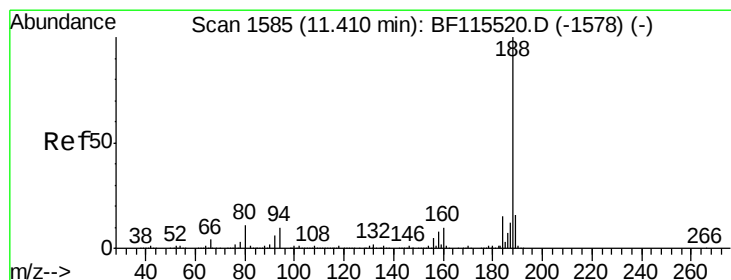
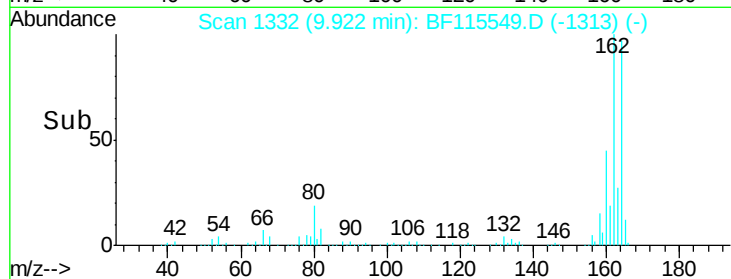
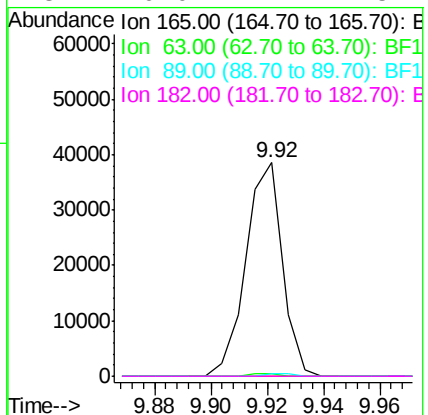
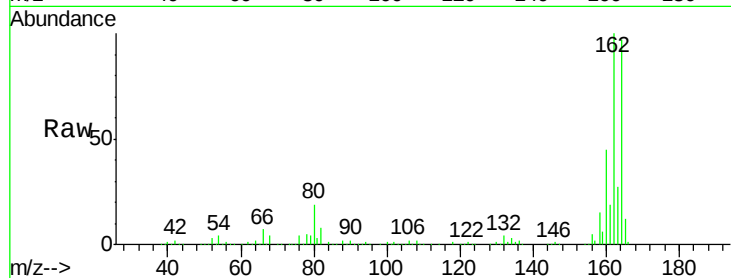




#57
2,4-Dinitrotoluene
Concen: 5.794 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BF115549.D
Acq: 13 Jul 2019 1:41

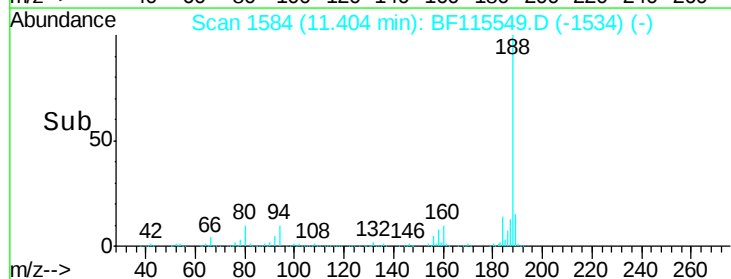
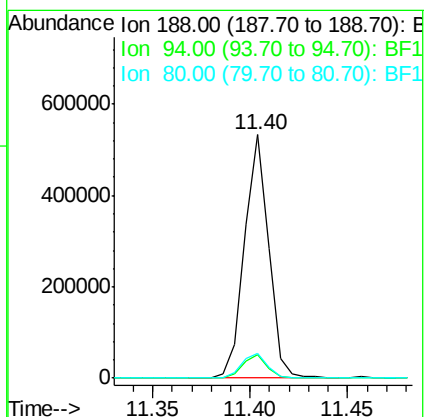
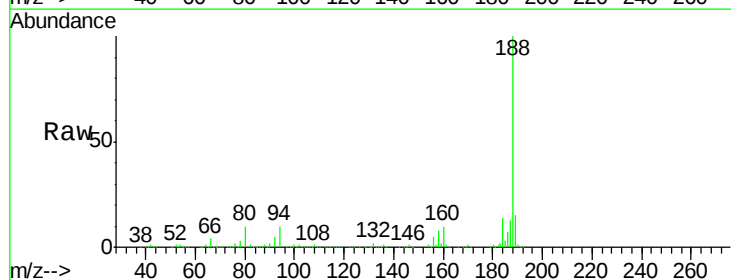
Instrument :
BNA_F
ClientSampleId :

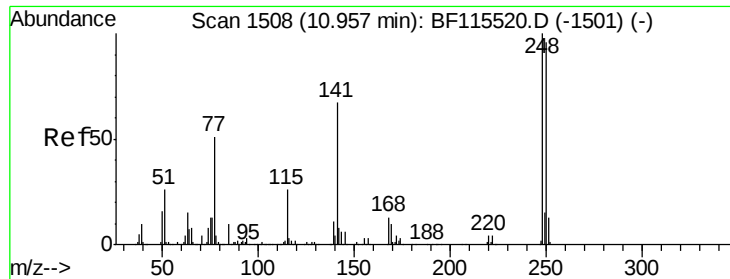
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.9	52.3#
89	1.5	57.5	86.3#
182	0.0	2.2	3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115549.D
Acq: 13 Jul 2019 1:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.8	11.6
80	10.3	8.6	13.0

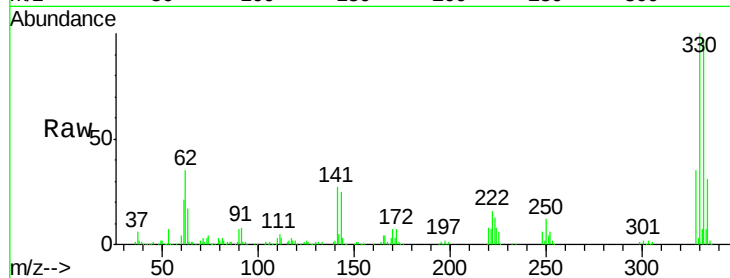




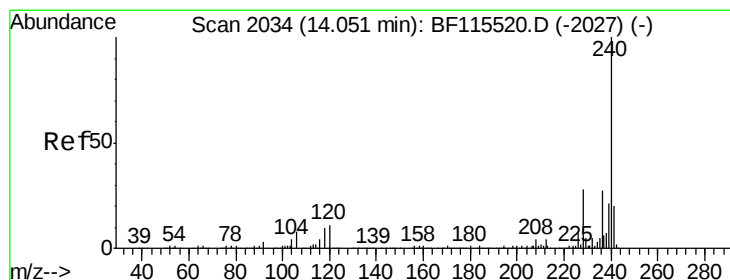
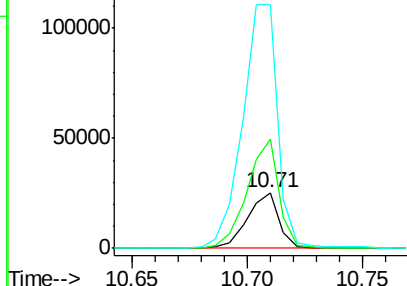
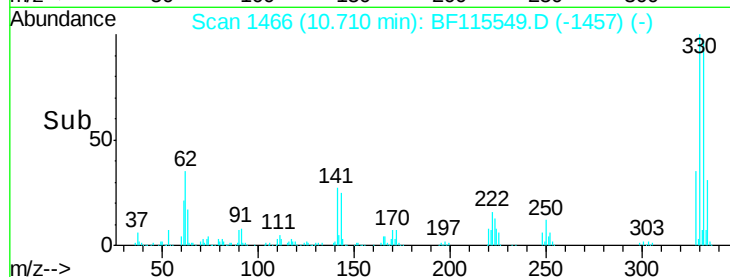
#67
4-Bromophenyl-phenylether
Concen: 4.567 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF115549.D
Acq: 13 Jul 2019 1:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 23999
Ion Ratio Lower Upper
248 100
250 196.1 78.0 117.0#
141 437.1 57.7 86.5#

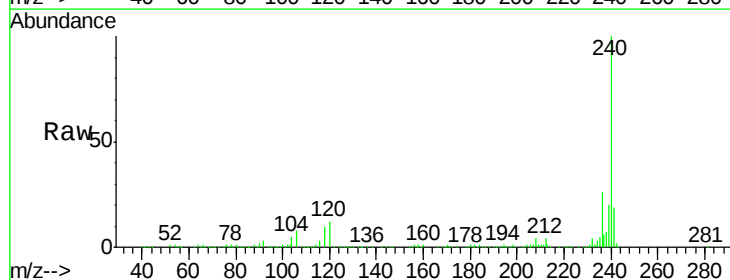


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

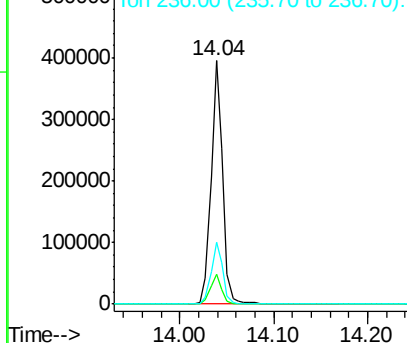
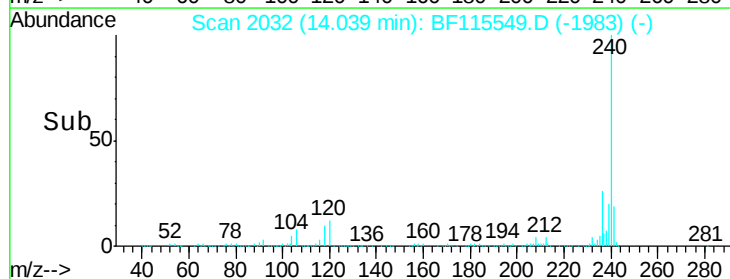


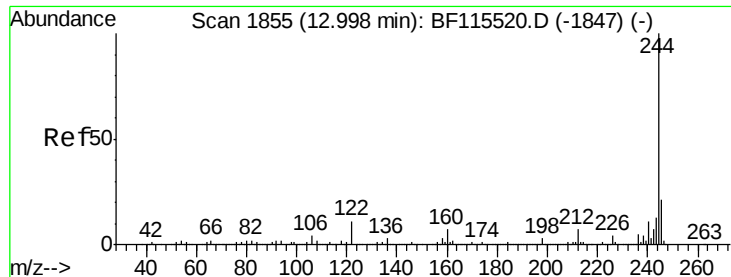
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115549.D
Acq: 13 Jul 2019 1:41

Tgt Ion:240 Resp: 346569
Ion Ratio Lower Upper
240 100
120 12.0 8.6 13.0
236 25.6 21.3 31.9



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





#79

Terphenyl-d14

Concen: 80.851 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115549.D

Acq: 13 Jul 2019 1:41

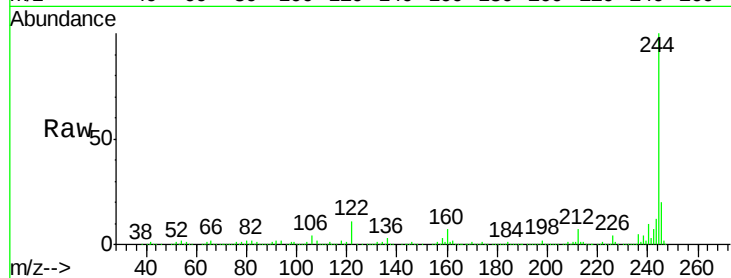
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1518587

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	11.3	8.6	12.8



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

12.99

1500000

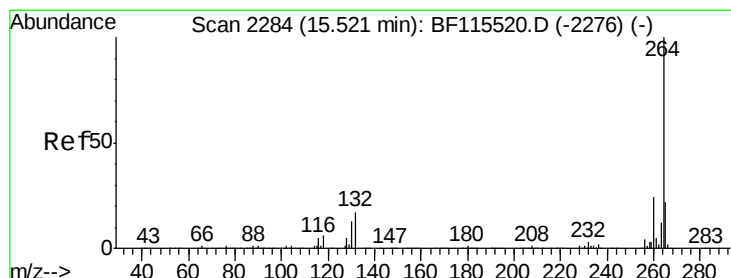
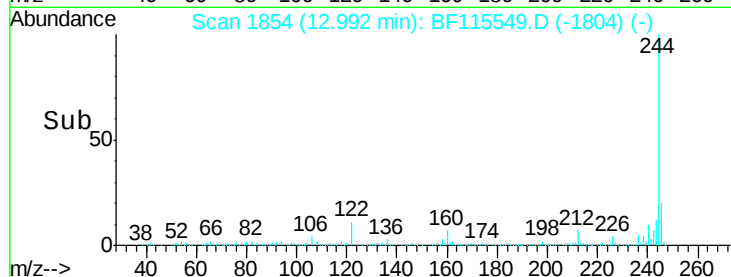
1000000

500000

0

Time-->

12.90 13.00 13.10



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

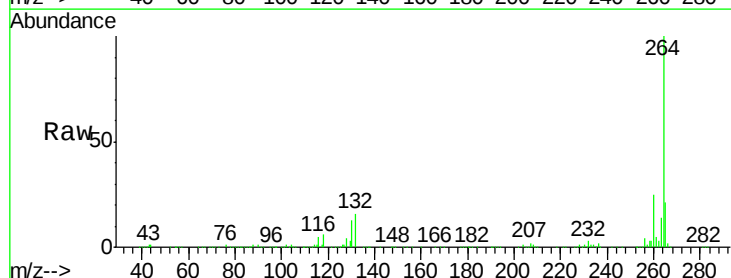
Delta R.T. -0.01 min

Lab File: BF115549.D

Acq: 13 Jul 2019 1:41

Tgt Ion:264 Resp: 369376

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	21.4	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

15.52

300000

200000

100000

0

Time-->

15.40 15.60

