

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
 Data File : BF115678.D
 Acq On : 19 Jul 2019 18:13
 Operator : HP/JU
 Sample : K3615-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 01:40:09 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

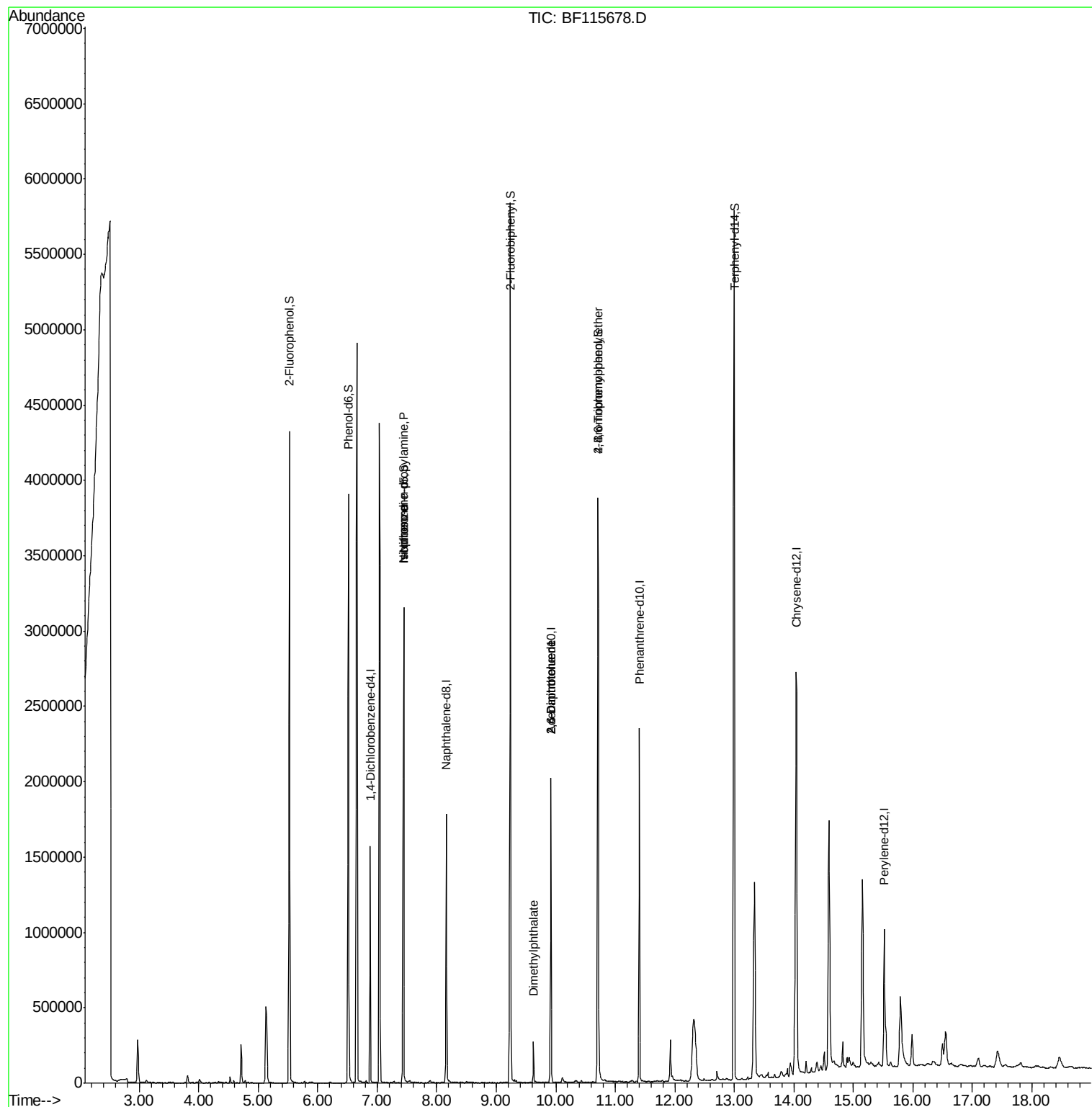
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	208876	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	838102	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	436737	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	824832	20.00	ng	0.00
76) Chrysene-d12	14.04	240	477580	20.00	ng	0.00
87) Perylene-d12	15.52	264	419541	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1401644	109.76	ng	0.02
7) Phenol-d6	6.52	99	1673742	103.30	ng	0.00
23) Nitrobenzene-d5	7.45	82	1307371	90.70	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	646691	126.86	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2251648	90.24	ng	-0.01
79) Terphenyl-d14	13.00	244	2428204	93.82	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	175238	16.583	ng	# 79
25) Isophorone	7.45	82	1287125	44.627	ng	# 64
50) Dimethylphthalate	9.63	163	106830	3.251	ng	97
51) 2,6-Dinitrotoluene	9.92	165	56783	7.604	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	56783	5.869	ng	# 24
67) 4-Bromophenyl-phenylether	10.71	248	39649	4.206	ng	# 1

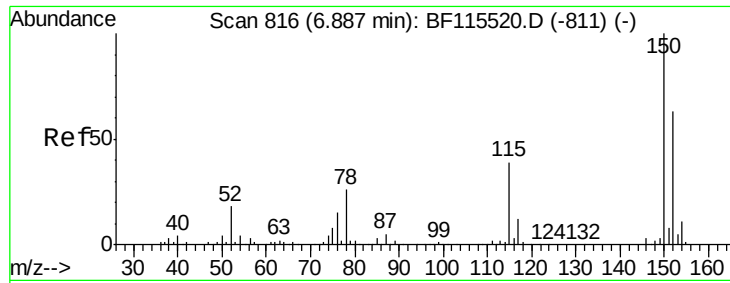
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



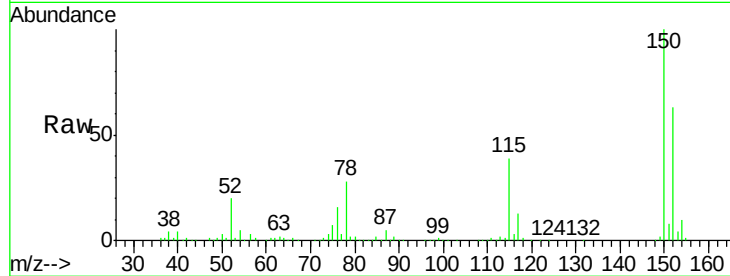


#1

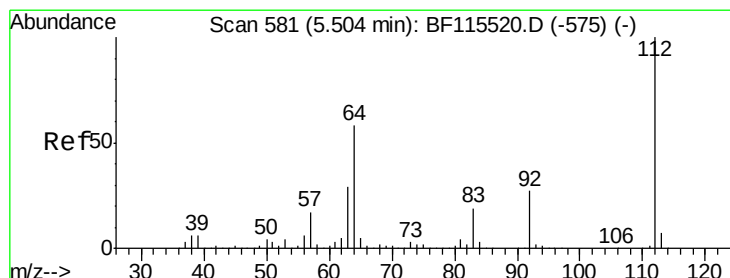
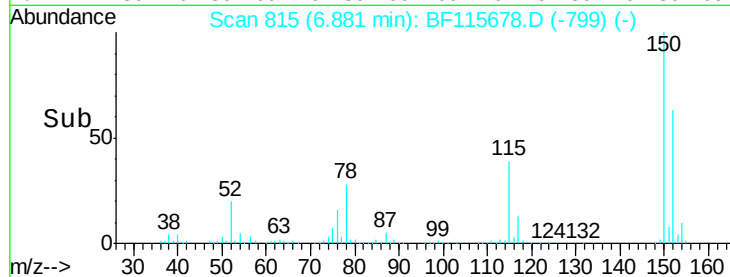
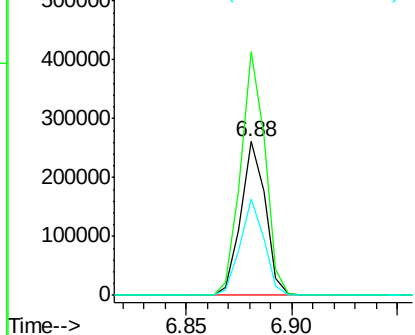
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115678.D
Acq: 19 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 208876
Ion Ratio Lower Upper
152 100
150 158.7 129.7 194.5
115 62.6 48.2 72.4



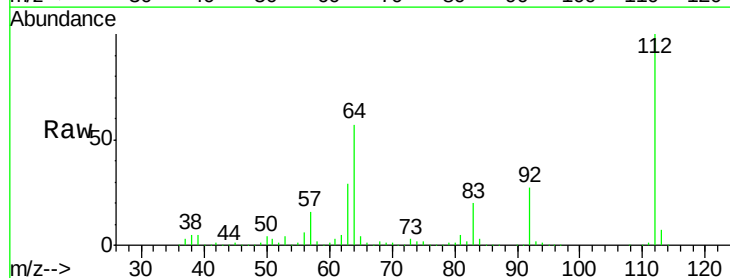
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



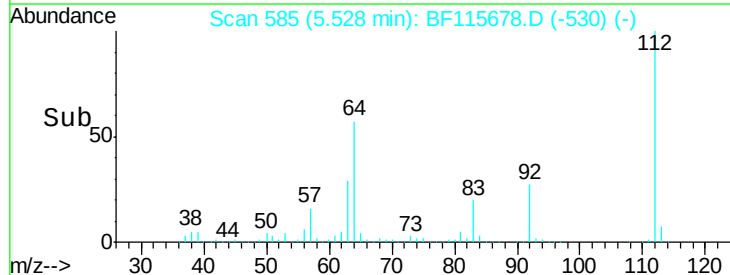
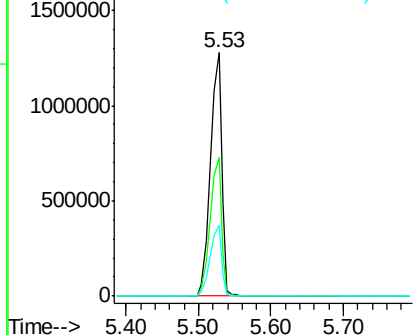
#5

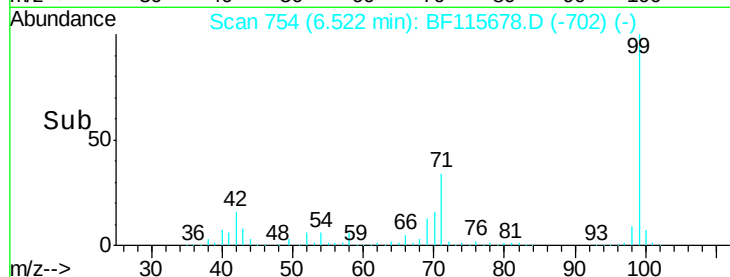
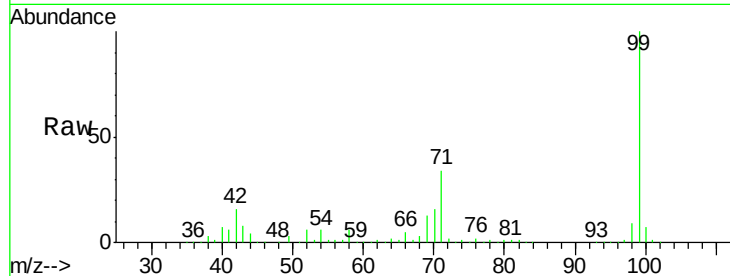
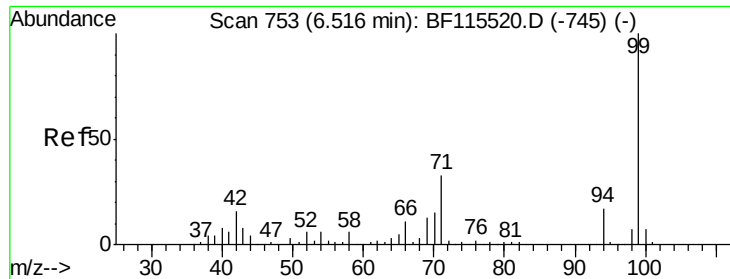
2-Fluorophenol
Concen: 109.763 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.02 min
Lab File: BF115678.D
Acq: 19 Jul 2019 18:13

Tgt Ion:112 Resp: 1401644
Ion Ratio Lower Upper
112 100
64 56.8 46.8 70.2
63 29.1 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: 103.296 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF115678.D

Acq: 19 Jul 2019 18:13

Instrument :

BNA_F

ClientSampleId :

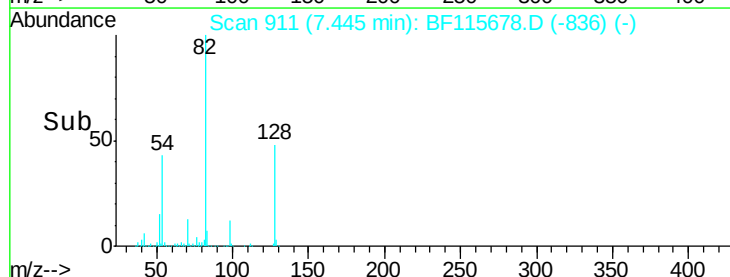
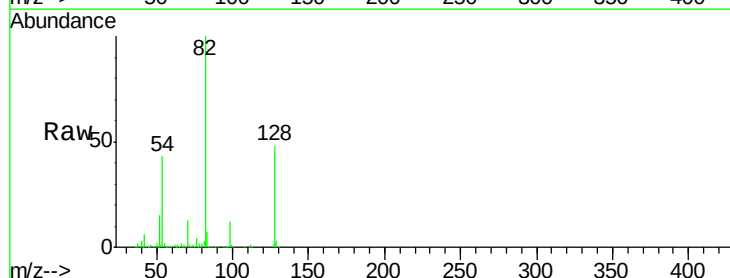
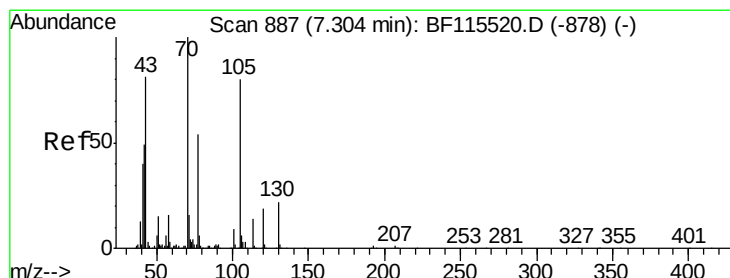
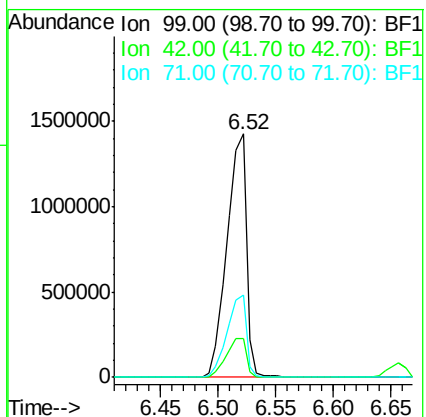
Tot Ion: 99 Resp: 1673742

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

71 33.7 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.583 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF115678.D

Acq: 19 Jul 2019 18:13

Tgt Ion: 70 Resp: 175238

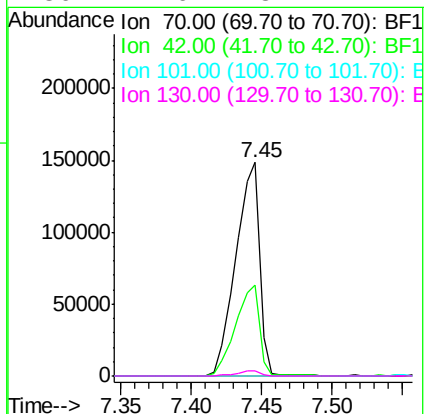
Ion Ratio Lower Upper

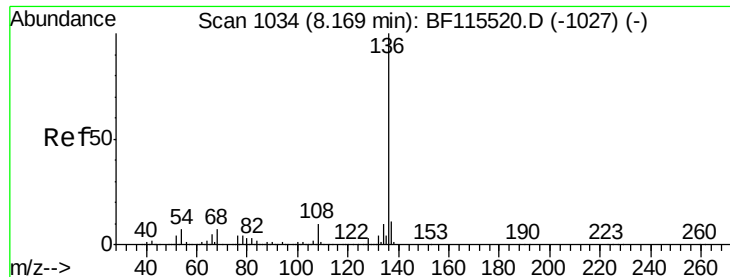
70 100

42 42.8 39.6 59.4

101 0.0 8.1 12.1#

130 2.6 18.2 27.2#

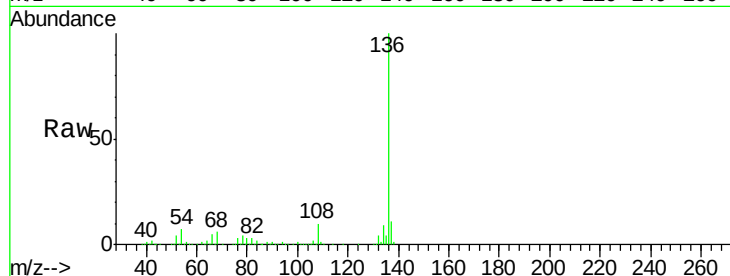




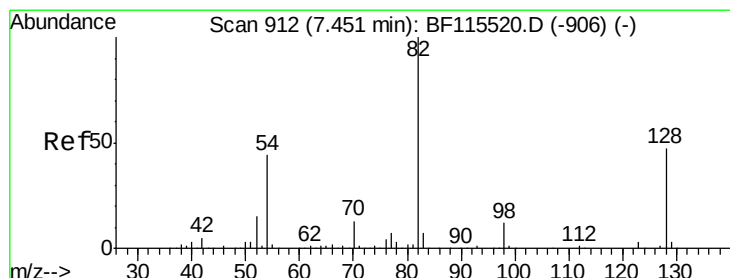
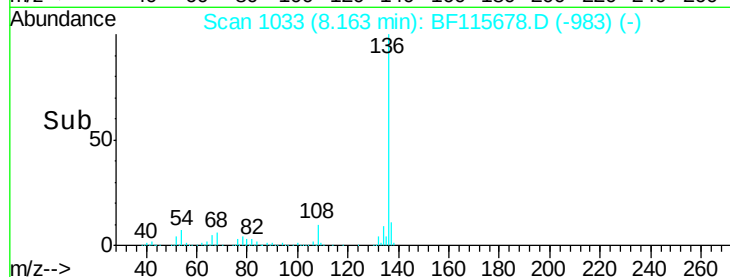
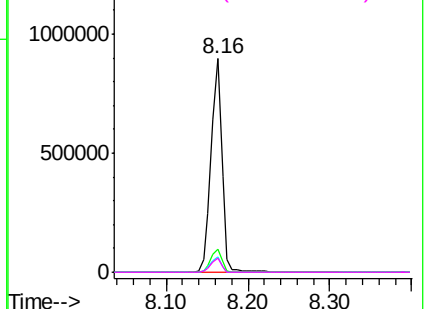
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115678.D
Acq: 19 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	838102
Ion Ratio	Lower	Upper
136 100		
137 11.1	9.0	13.4
54 7.0	5.6	8.4
68 6.3	5.0	7.6

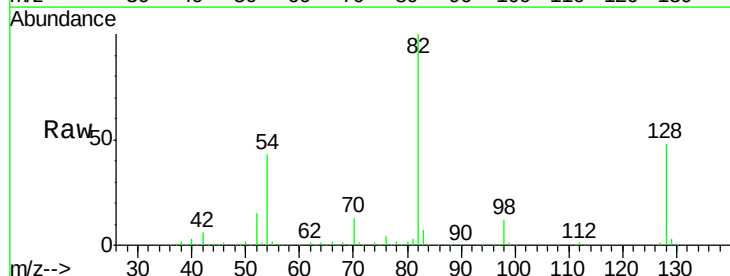


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

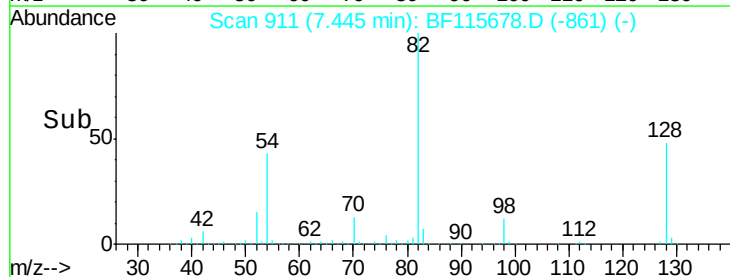
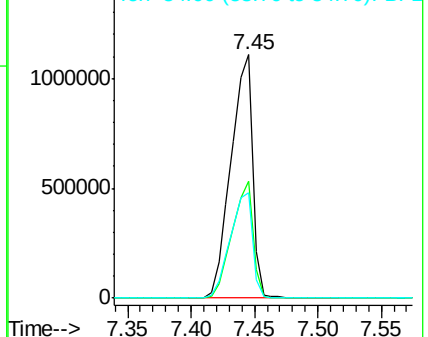


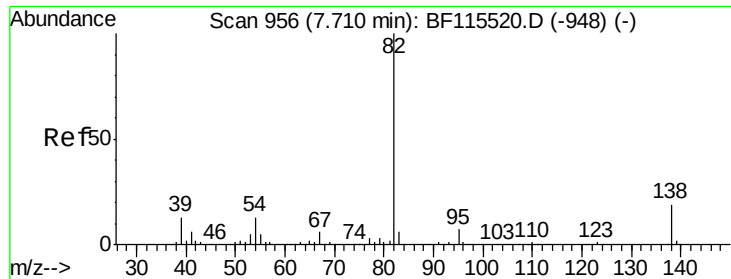
#23
Nitrobenzene-d5
Concen: 90.704 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115678.D
Acq: 19 Jul 2019 18:13

Tgt Ion: 82	Resp: 1307371
Ion Ratio	Lower Upper
82 100	
128 48.0	38.6 57.8
54 43.3	35.6 53.4



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

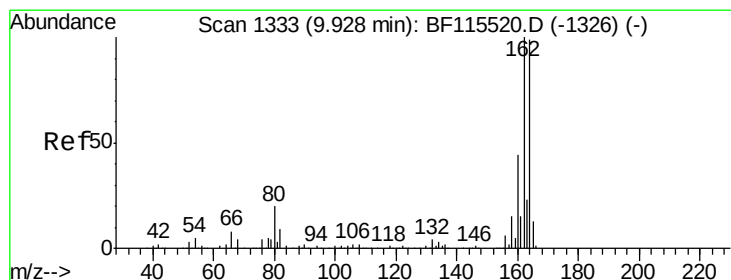
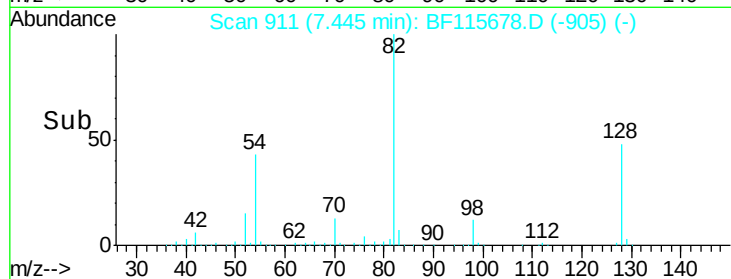
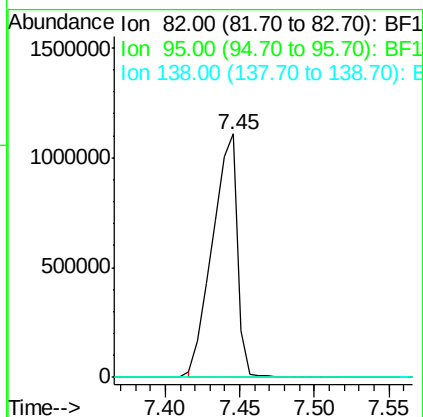
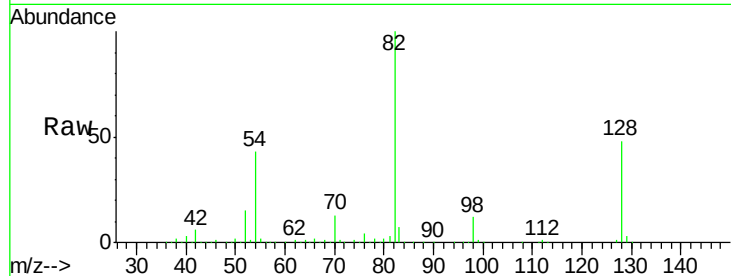




#25
Isophorone
Concen: 44.627 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF115678.D
Acq: 19 Jul 2019 18:13

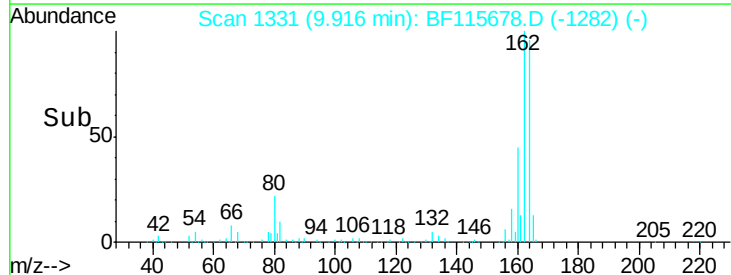
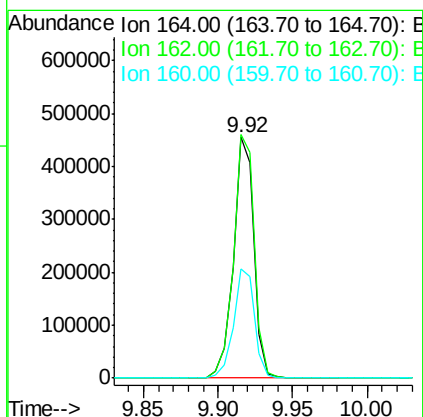
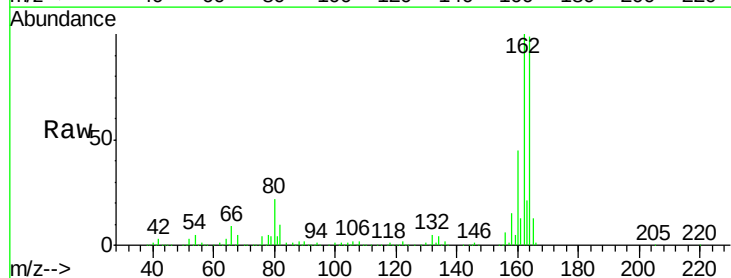
Instrument :
BNA_F
ClientSampleId :

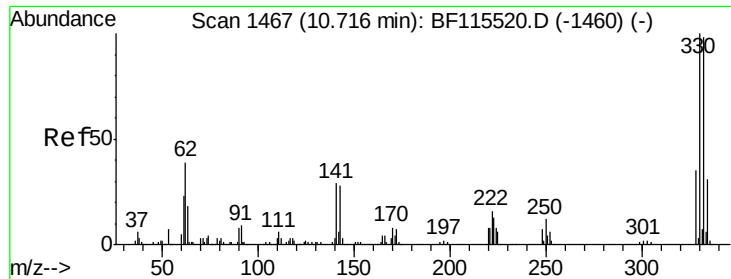
Tot Ion: 82 Resp: 1287125
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115678.D
Acq: 19 Jul 2019 18:13

Tgt Ion:164 Resp: 436737
Ion Ratio Lower Upper
164 100
162 101.1 82.9 124.3
160 45.3 36.8 55.2

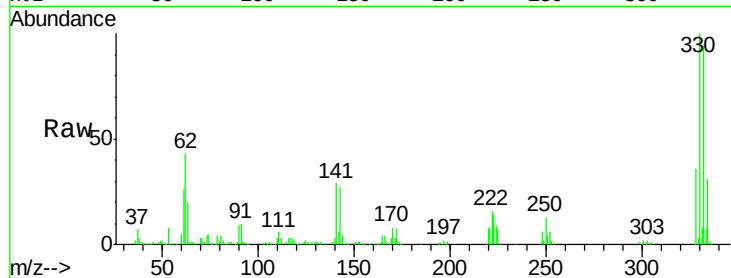




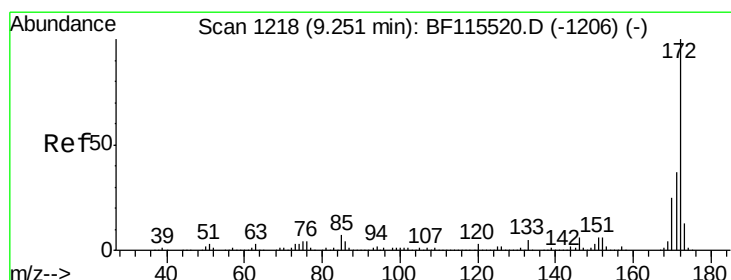
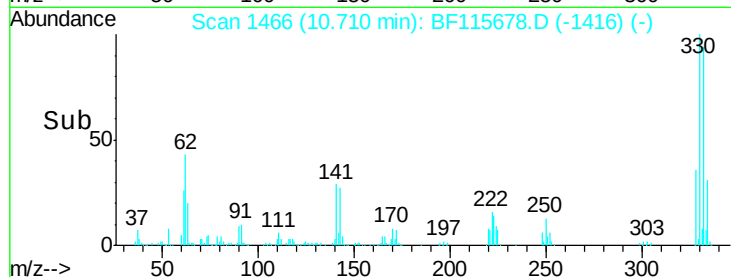
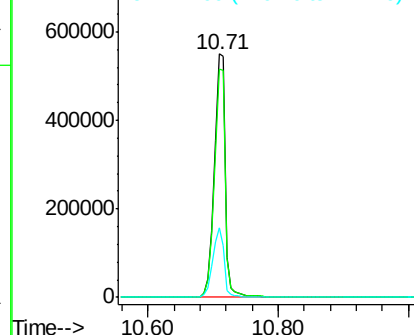
#42
 2,4,6-Tribromophenol
 Concen: 126.857 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115678.D
 Acq: 19 Jul 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 646691
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.4 116.2
 141 29.5 22.4 33.6

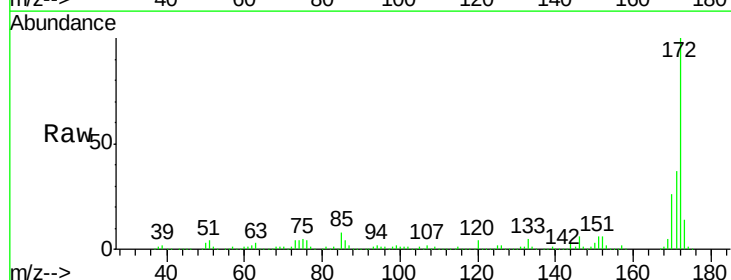


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

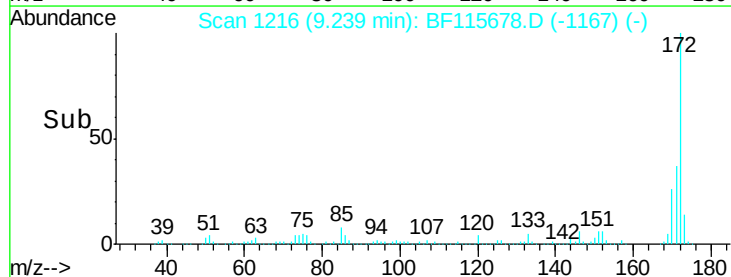
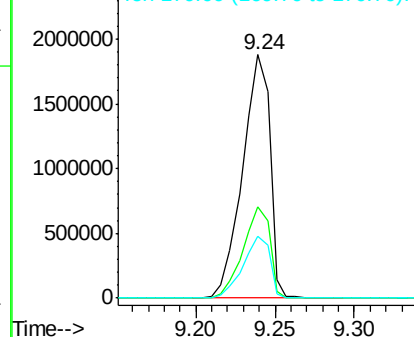


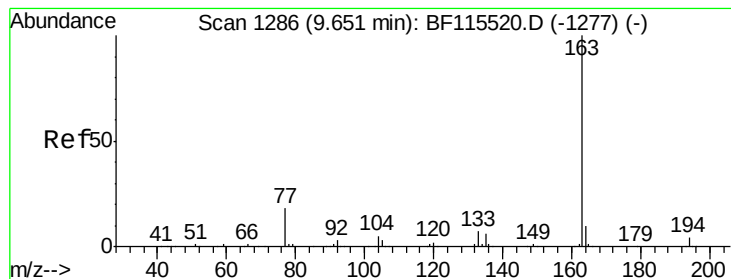
#45
 2-Fluorobiphenyl
 Concen: 90.238 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115678.D
 Acq: 19 Jul 2019 18:13

Tgt Ion:172 Resp: 2251648
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.6 46.0
 170 25.6 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: 3.251 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF115678.D

Acq: 19 Jul 2019 18:13

Instrument :

BNA_F

ClientSampleId :

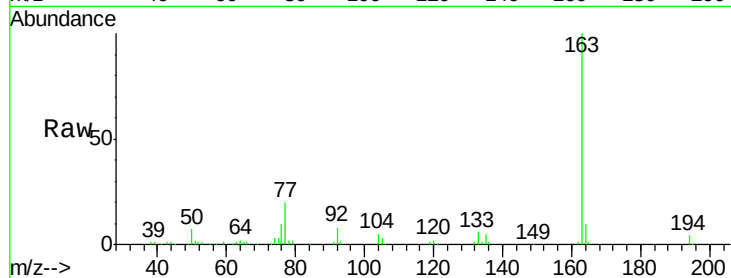
Tot Ion:163 Resp: 106830

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

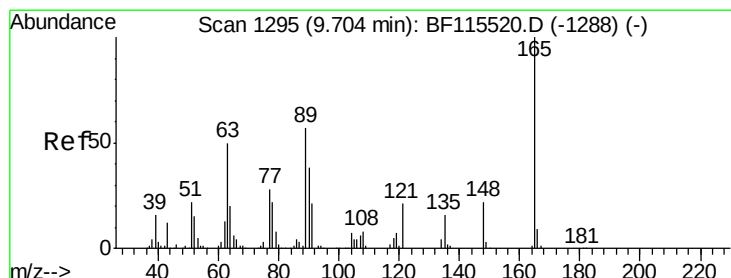
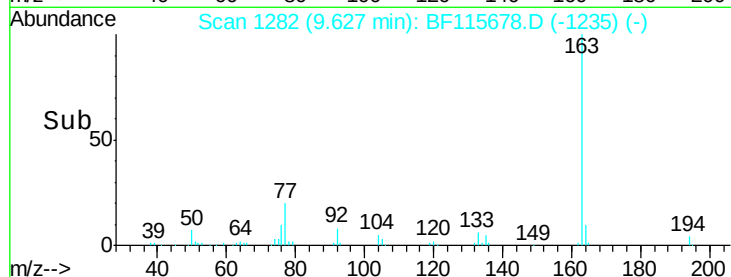
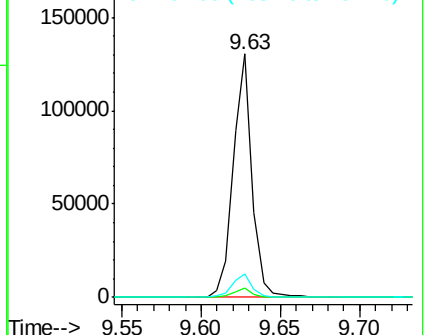
164 9.7 8.7 13.1



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



#51

2,6-Dinitrotoluene

Concen: 7.604 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.21 min

Lab File: BF115678.D

Acq: 19 Jul 2019 18:13

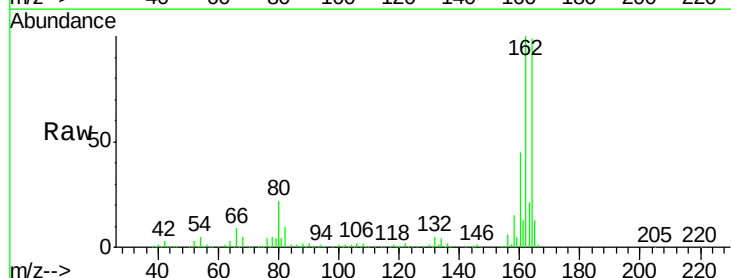
Tgt Ion:165 Resp: 56783

Ion Ratio Lower Upper

165 100

63 1.1 40.6 61.0#

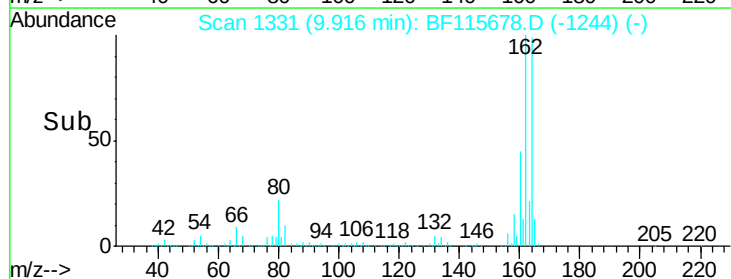
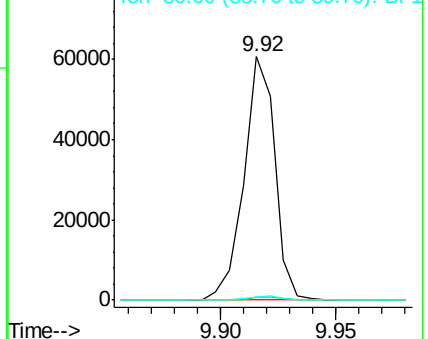
89 1.3 43.9 65.9#

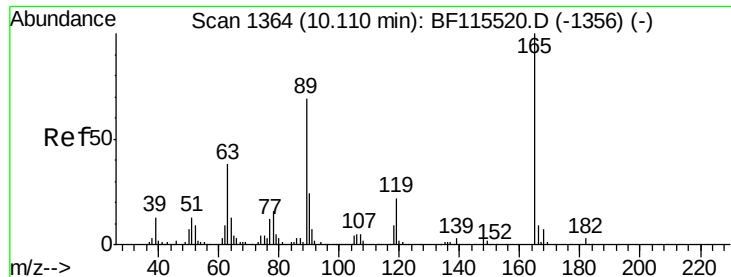


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 5.869 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.19 min

Lab File: BF115678.D

Acq: 19 Jul 2019 18:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 56783

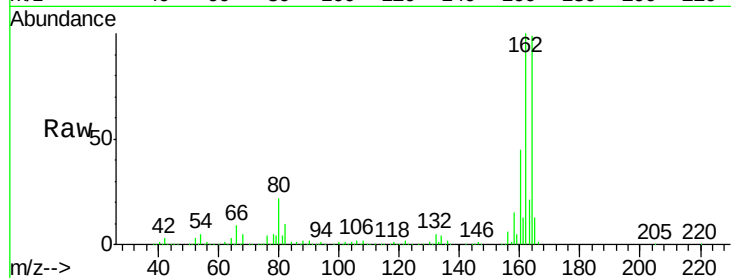
Ion Ratio Lower Upper

165 100

63 1.1 34.9 52.3#

89 1.3 57.5 86.3#

182 0.0 2.2 3.4#

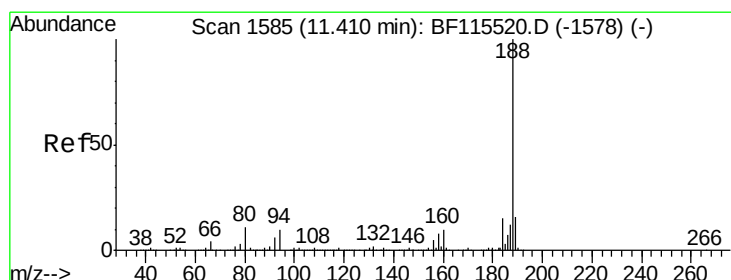
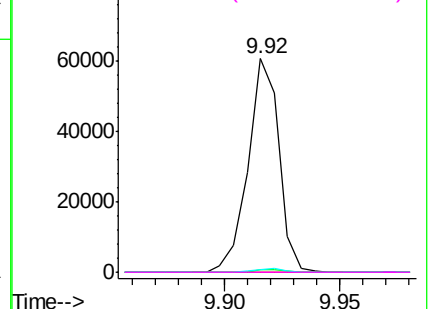
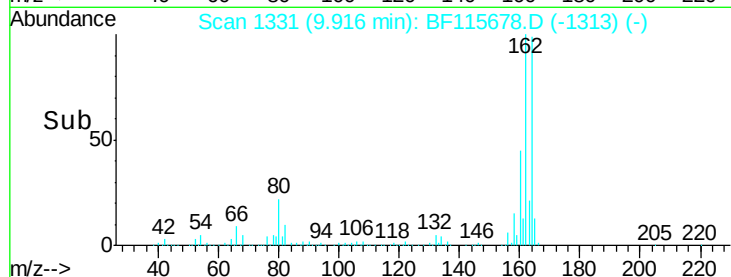


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115678.D

Acq: 19 Jul 2019 18:13

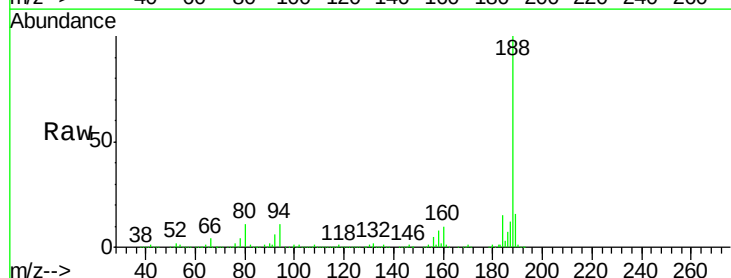
Tgt Ion:188 Resp: 824832

Ion Ratio Lower Upper

188 100

94 10.6 7.8 11.6

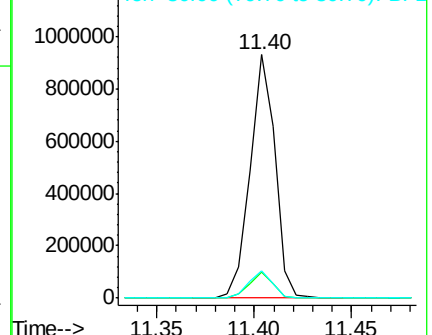
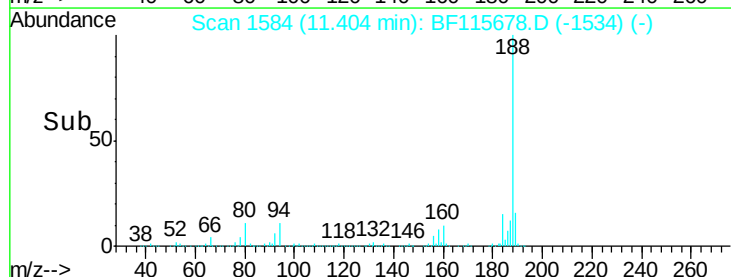
80 11.4 8.6 13.0

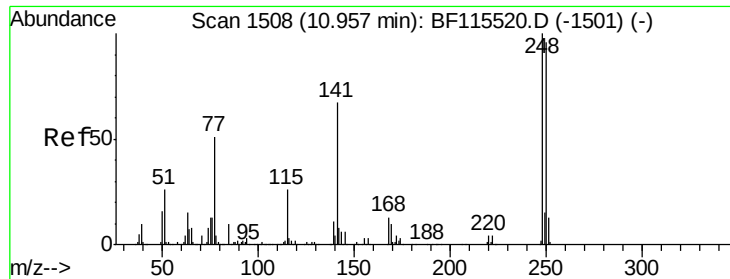


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

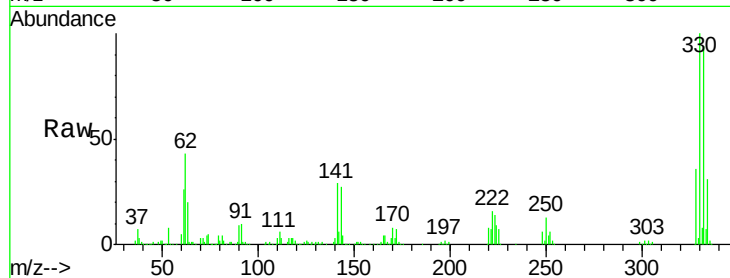




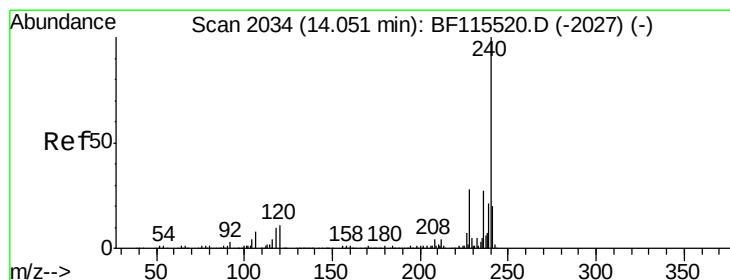
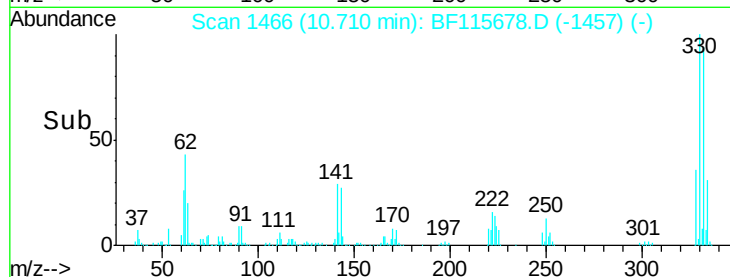
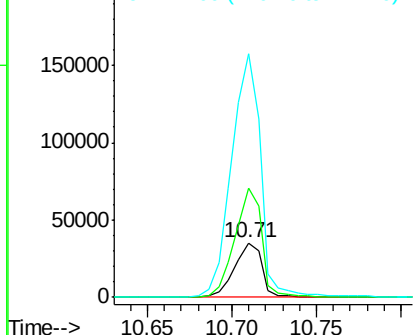
#67
4-Bromophenyl-phenylether
Concen: 4.206 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF115678.D
Acq: 19 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 39649
Ion Ratio Lower Upper
248 100
250 200.8 78.0 117.0#
141 448.6 57.7 86.5#

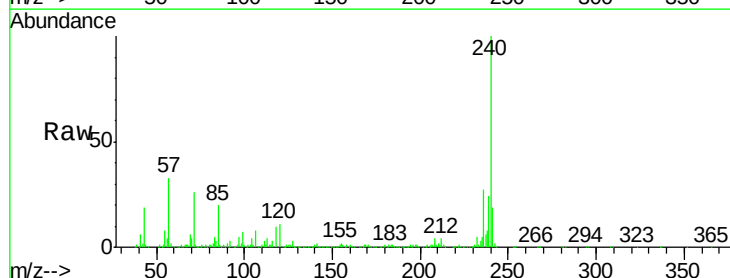


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

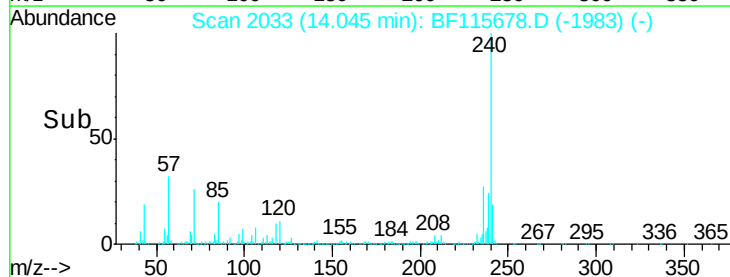
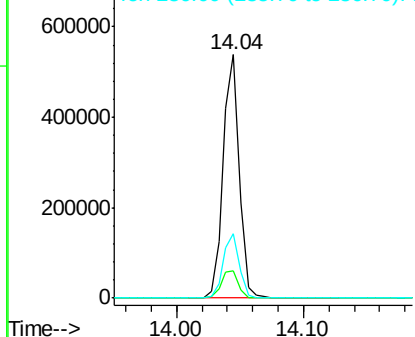


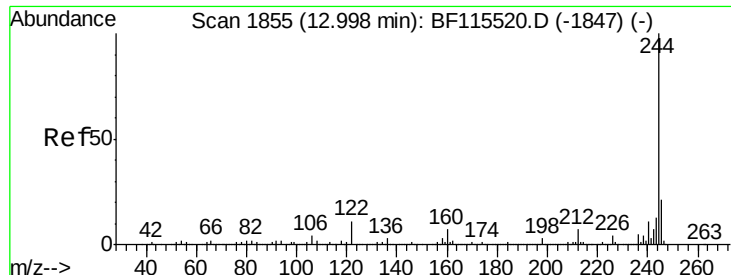
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115678.D
Acq: 19 Jul 2019 18:13

Tgt Ion:240 Resp: 477580
Ion Ratio Lower Upper
240 100
120 11.4 8.6 13.0
236 26.7 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: 93.816 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF115678.D

Acq: 19 Jul 2019 18:13

Instrument :

BNA_F

ClientSampled :

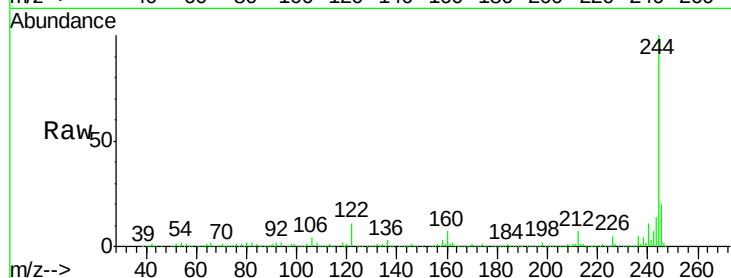
Tot Ion:244 Resp: 2428204

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

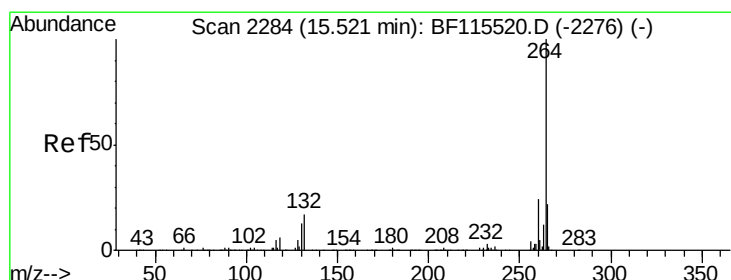
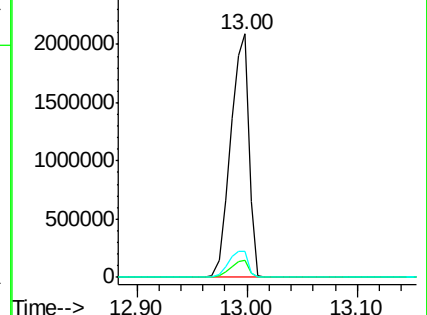
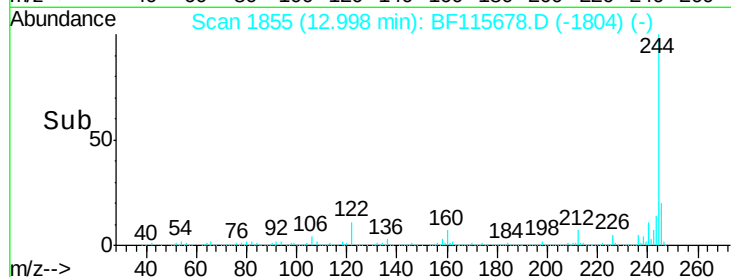
122 10.7 8.6 12.8



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BF115678.D

Acq: 19 Jul 2019 18:13

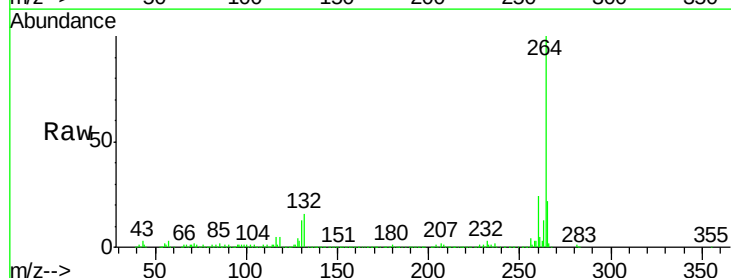
Tgt Ion:264 Resp: 419541

Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.8

265 21.5 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

