

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115545.D
 Acq On : 12 Jul 2019 23:50
 Operator : HP/JU
 Sample : K3768-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 03:42:20 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

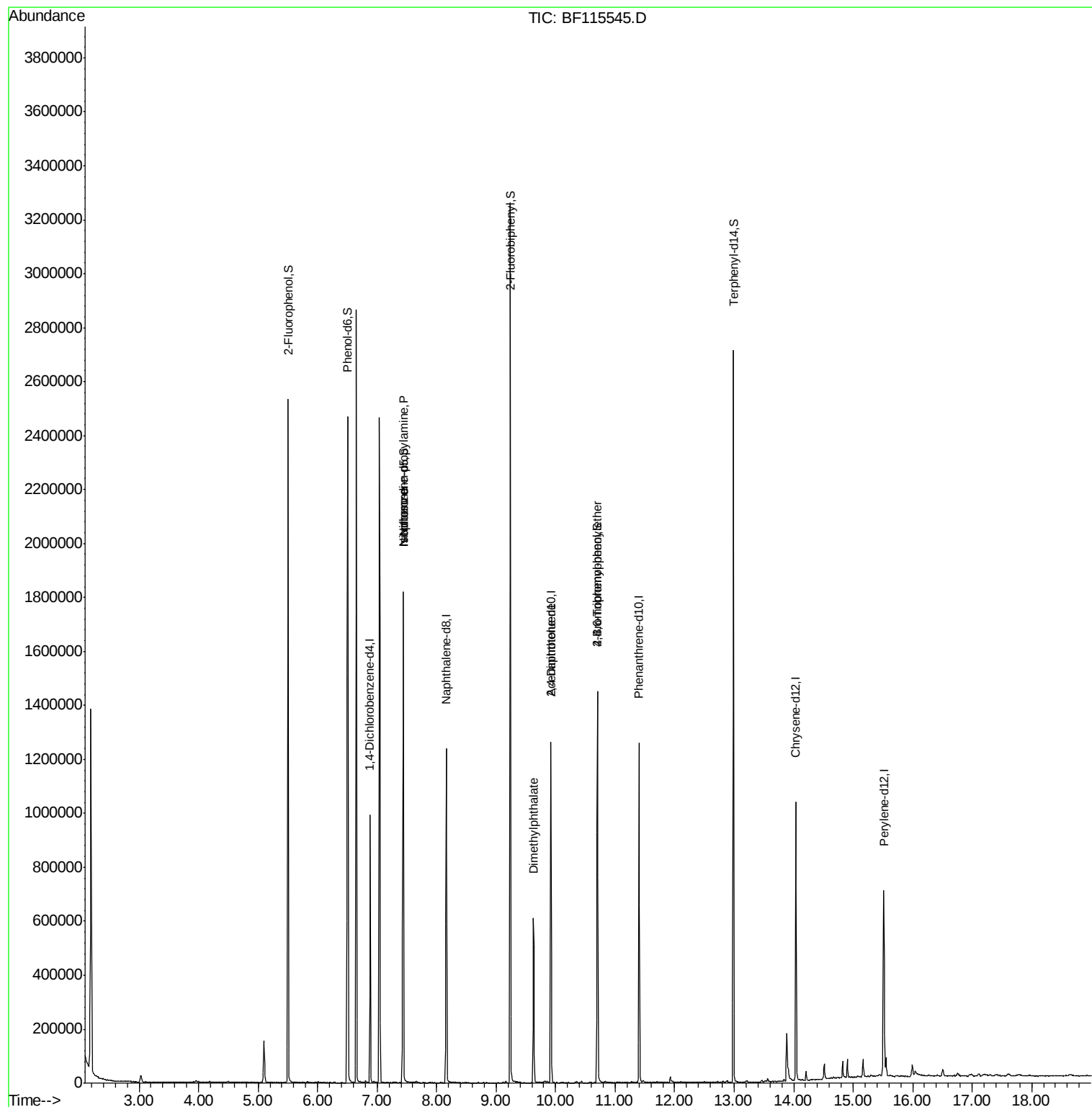
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	147290	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	561794	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	256491	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	433332	20.00	ng	0.00
76) Chrysene-d12	14.04	240	334946	20.00	ng	-0.01
87) Perylene-d12	15.52	264	356057	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	705764	78.38	ng	0.00
7) Phenol-d6	6.50	99	947073	82.89	ng	-0.01
23) Nitrobenzene-d5	7.44	82	589464	61.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	176311	58.89	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	995740	67.95	ng	-0.01
79) Terphenyl-d14	12.99	244	882717	48.63	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	76417	10.255	ng	# 78
25) Isophorone	7.44	82	582577	30.134	ng	# 64
50) Dimethylphthalate	9.63	163	256303	13.282	ng	99
57) 2,4-Dinitrotoluene	9.92	165	32594	5.737	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	11035	2.228	ng	# 1

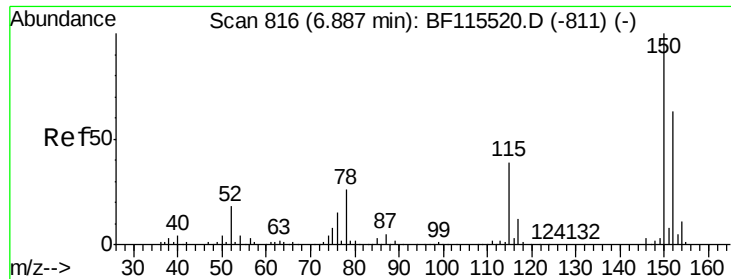
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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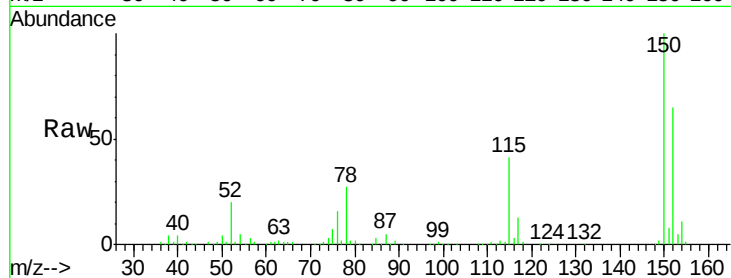


#1

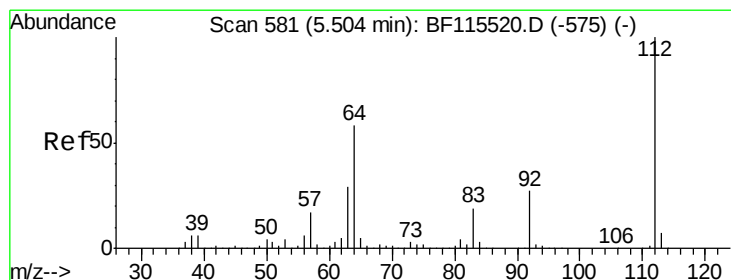
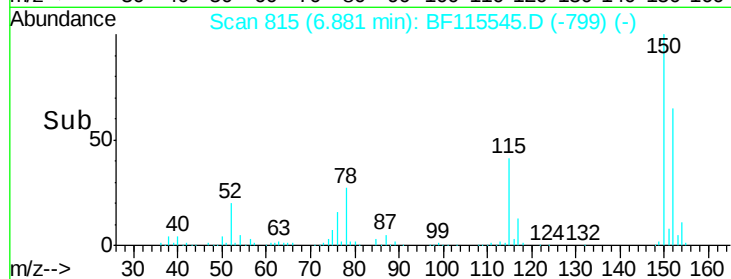
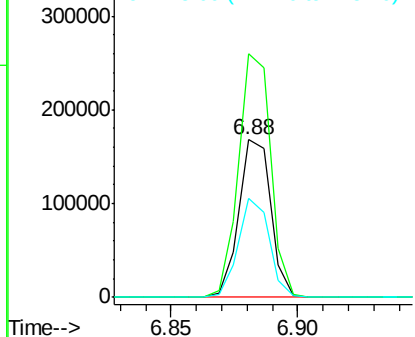
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115545.D
Acq: 12 Jul 2019 23:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	129.7	194.5
115	62.9	48.2	72.4



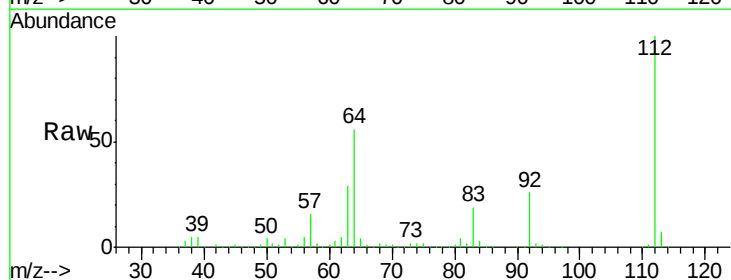
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



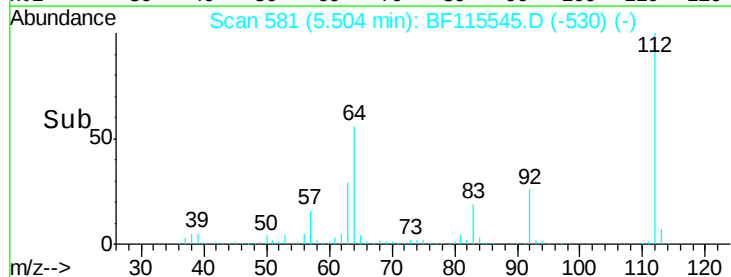
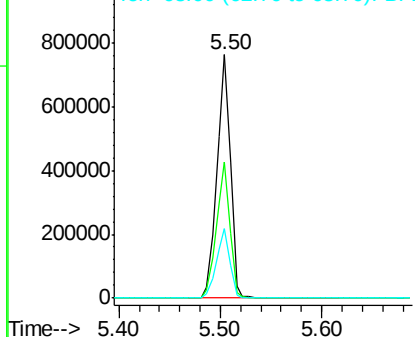
#5

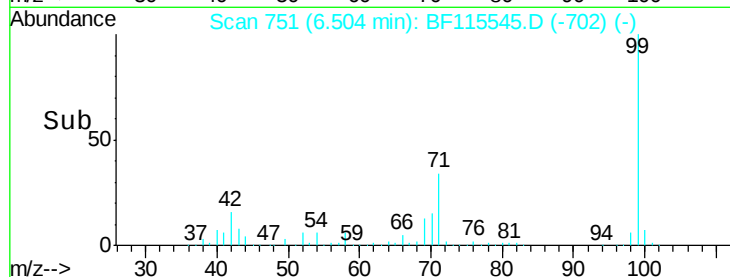
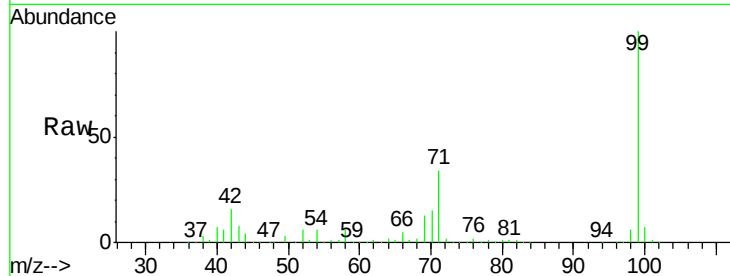
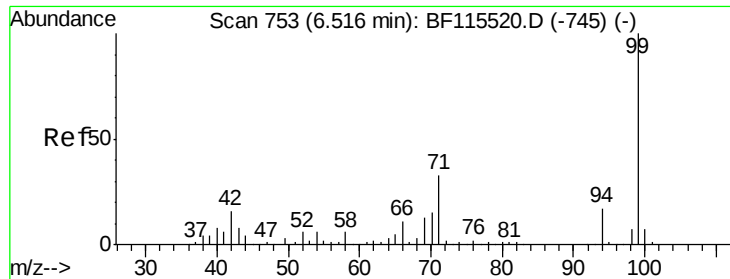
2-Fluorophenol
Concen: 78.378 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF115545.D
Acq: 12 Jul 2019 23:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.8	70.2
63	28.8	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: 82.889 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115545.D

Acq: 12 Jul 2019 23:50

Instrument :

BNA_F

ClientSampleId :

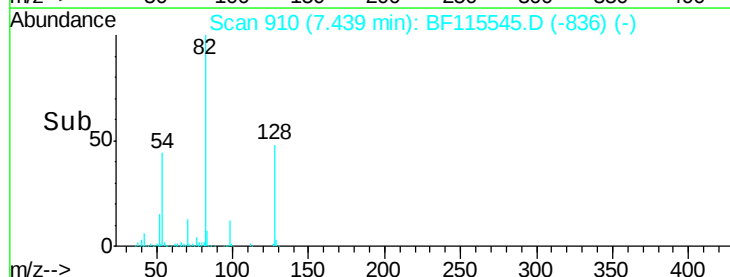
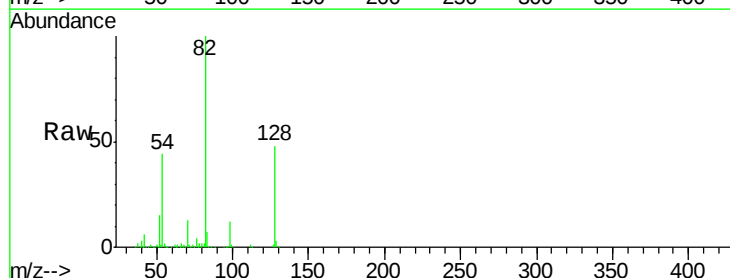
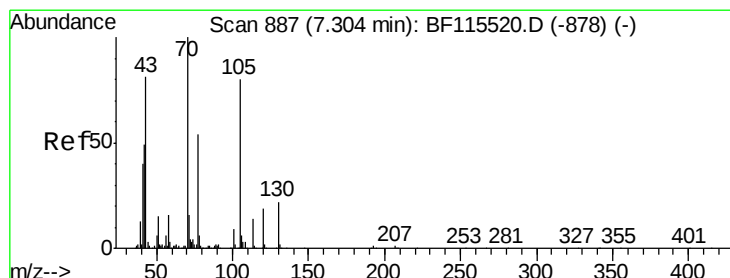
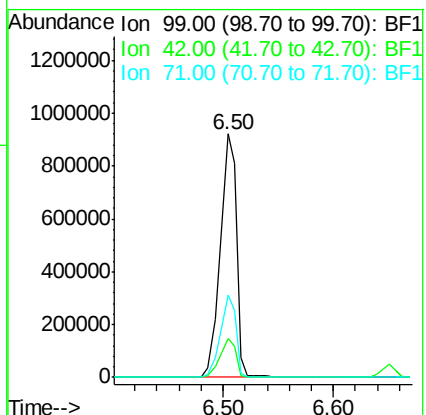
Tot Ion: 99 Resp: 947073

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

71 33.6 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 10.255 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115545.D

Acq: 12 Jul 2019 23:50

Tgt Ion: 70 Resp: 76417

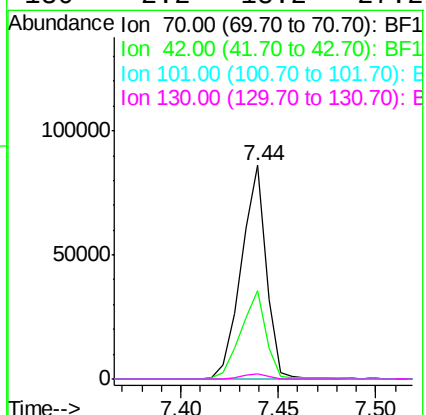
Ion Ratio Lower Upper

70 100

42 41.6 39.6 59.4

101 0.0 8.1 12.1#

130 2.2 18.2 27.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

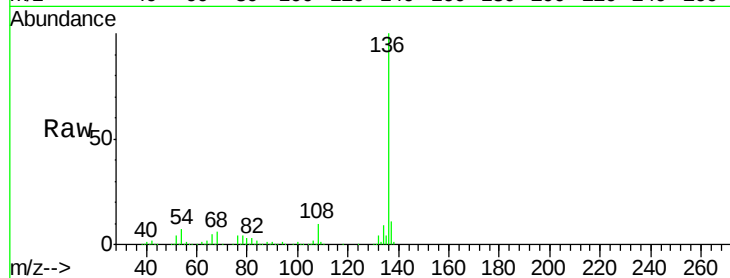
Delta R.T. -0.01 min

Lab File: BF115545.D

Acq: 12 Jul 2019 23:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	561794	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	9.0	13.4	
54 7.0	5.6	8.4	
68 6.2	5.0	7.6	

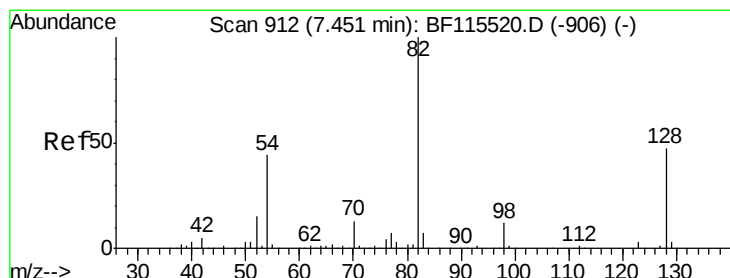
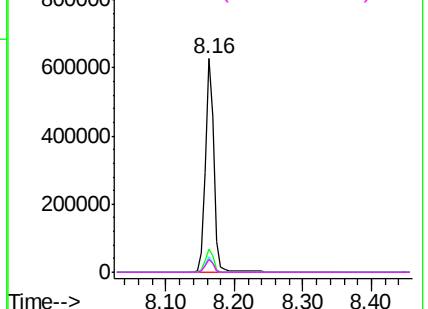
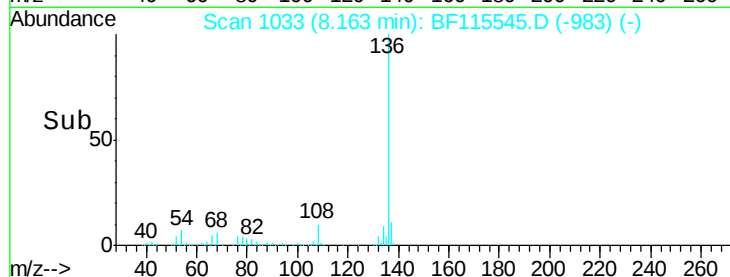


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.010 ng

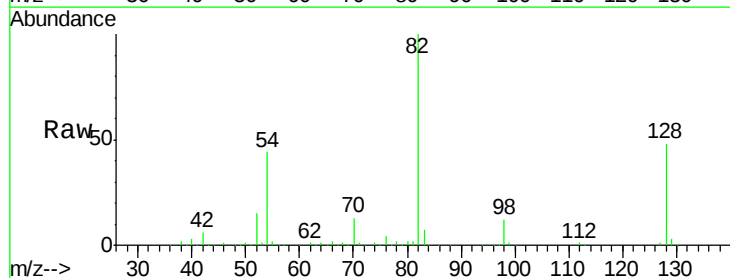
RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF115545.D

Acq: 12 Jul 2019 23:50

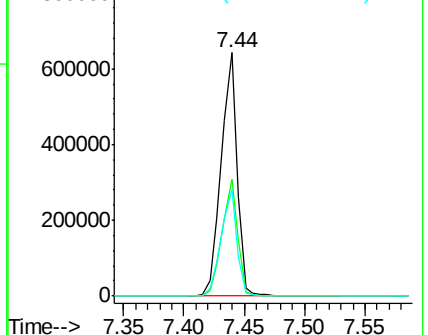
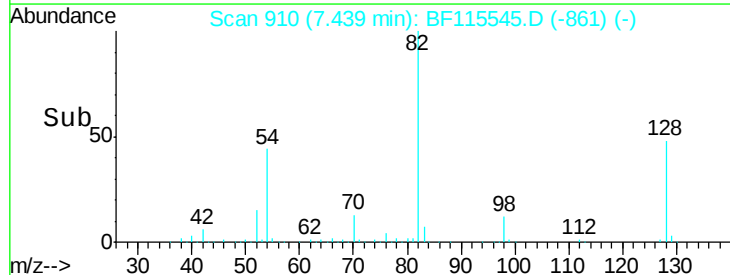
Tgt Ion: 82	Resp: 589464
Ion Ratio	Lower Upper
82 100	
128 47.8	38.6 57.8
54 43.9	35.6 53.4



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: 30.134 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115545.D

Acq: 12 Jul 2019 23:50

Instrument :

BNA_F

ClientSampleId :

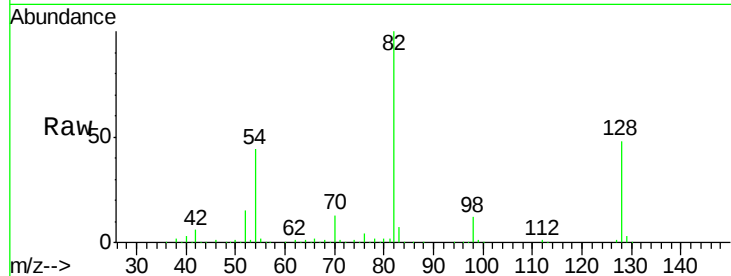
Tot Ion: 82 Resp: 582577

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

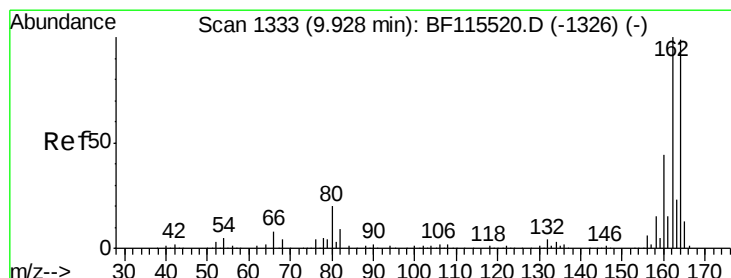
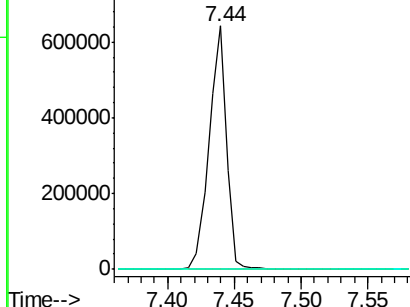
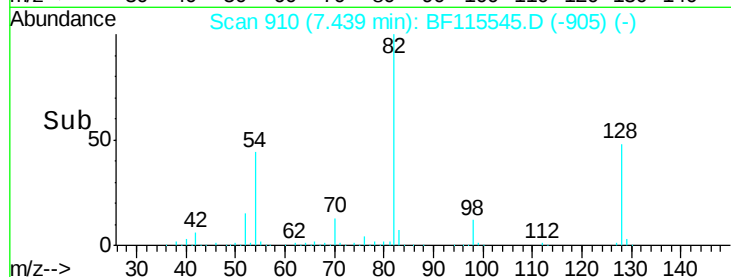
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF115545.D (-905) (-)

Ion 95.00 (94.70 to 95.70): BF115545.D (-905) (-)

Ion 138.00 (137.70 to 138.70): BF115545.D (-905) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115545.D

Acq: 12 Jul 2019 23:50

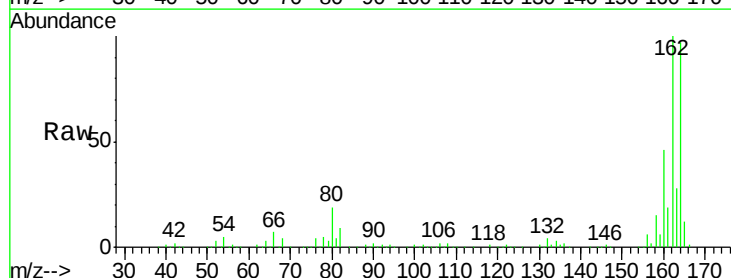
Tgt Ion: 164 Resp: 256491

Ion Ratio Lower Upper

164 100

162 102.8 82.9 124.3

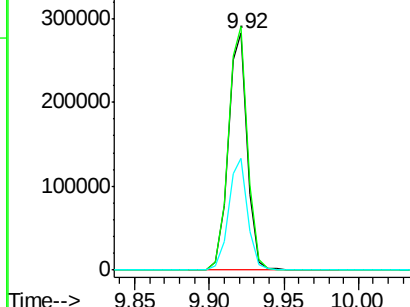
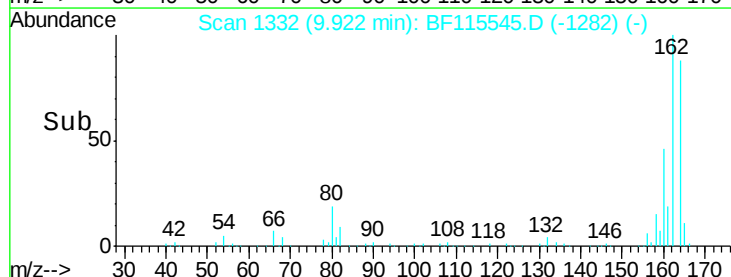
160 47.1 36.8 55.2



Abundance Ion 164.00 (163.70 to 164.70): BF115545.D (-1282) (-)

Ion 162.00 (161.70 to 162.70): BF115545.D (-1282) (-)

Ion 160.00 (159.70 to 160.70): BF115545.D (-1282) (-)





#42

2,4,6-Tribromophenol

Concen: 58.891 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF115545.D

Acq: 12 Jul 2019 23:50

Instrument :

BNA_F

ClientSampled :

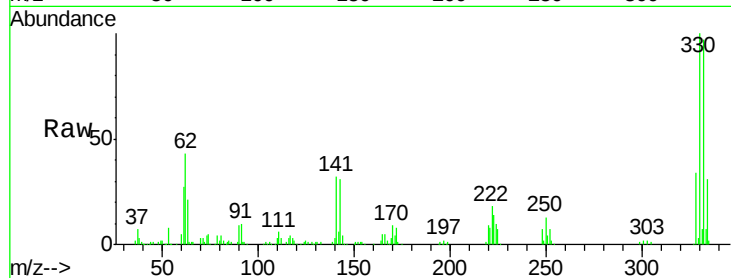
Tot Ion:330 Resp: 176311

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

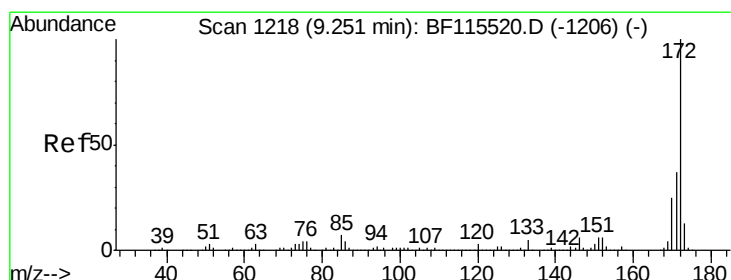
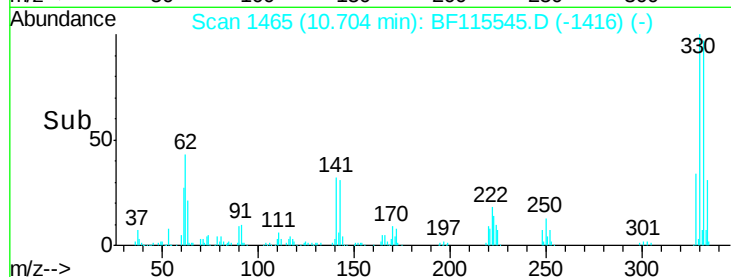
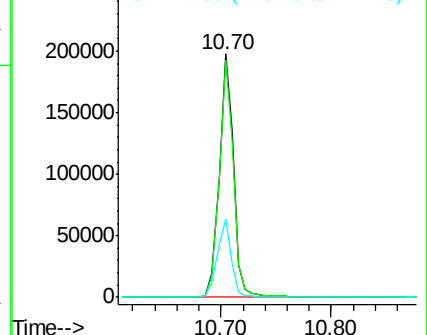
141 31.7 22.4 33.6



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: 67.949 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF115545.D

Acq: 12 Jul 2019 23:50

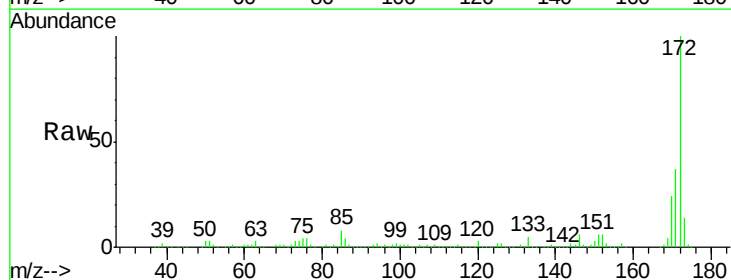
Tgt Ion:172 Resp: 995740

Ion Ratio Lower Upper

172 100

171 36.6 30.6 46.0

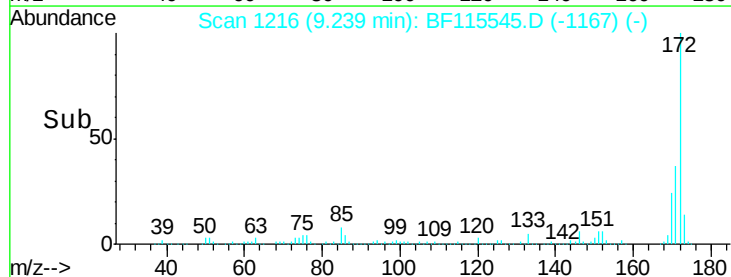
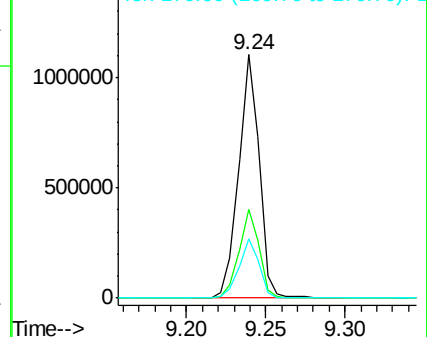
170 24.4 20.5 30.7

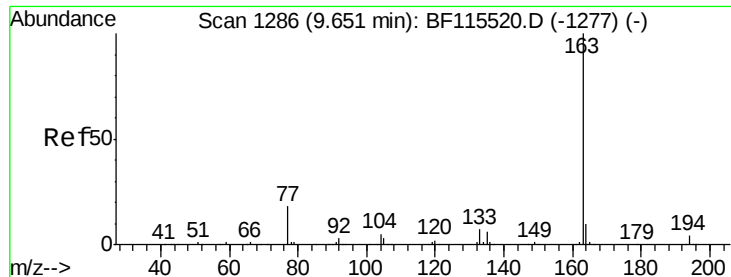


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 13.282 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF115545.D

Acq: 12 Jul 2019 23:50

Instrument :
BNA_F
ClientSampleId :

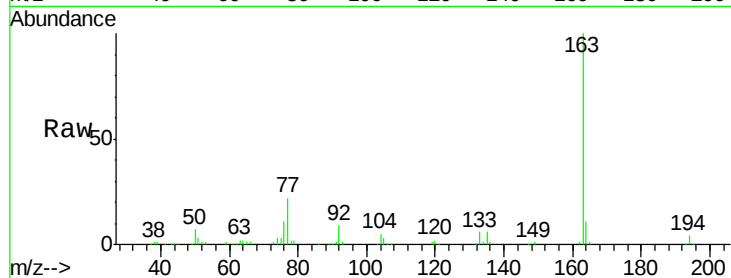
Tot Ion:163 Resp: 256303

Ion Ratio Lower Upper

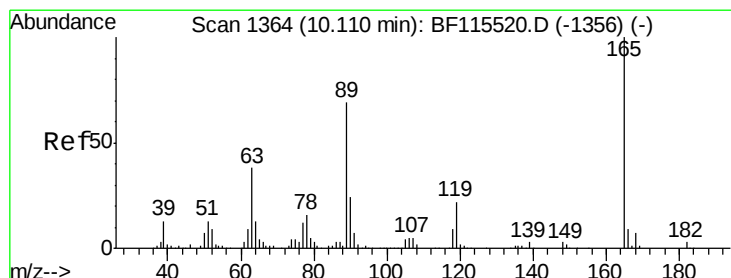
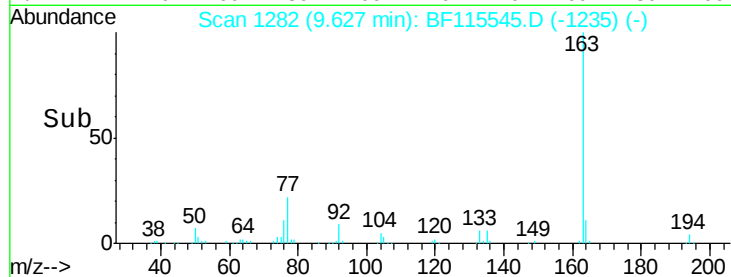
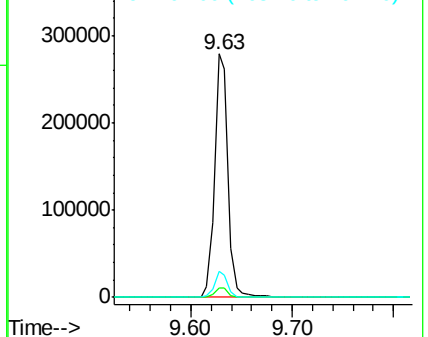
163 100

194 3.9 3.3 4.9

164 10.5 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: 5.737 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.19 min

Lab File: BF115545.D

Acq: 12 Jul 2019 23:50

Tgt Ion:165 Resp: 32594

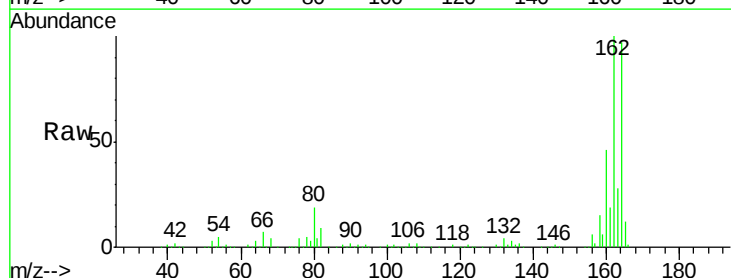
Ion Ratio Lower Upper

165 100

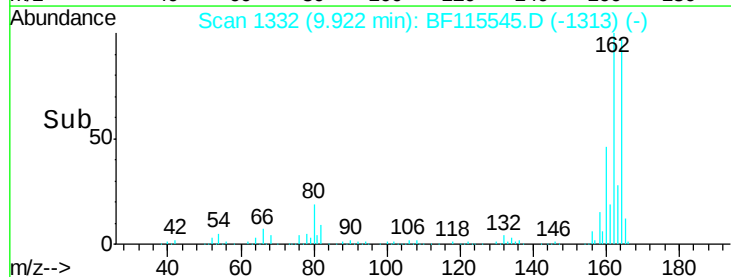
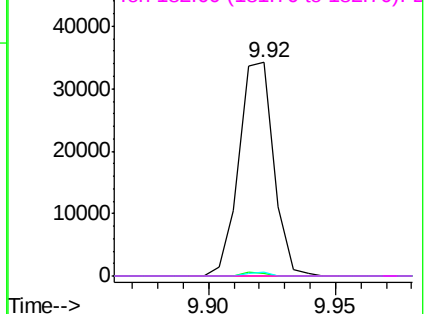
63 0.9 34.9 52.3#

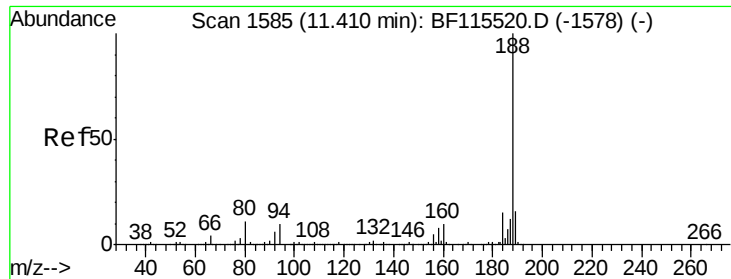
89 1.5 57.5 86.3#

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: BF115545.D

Acq: 12 Jul 2019 23:50

Instrument :

BNA_F

ClientSampleId :

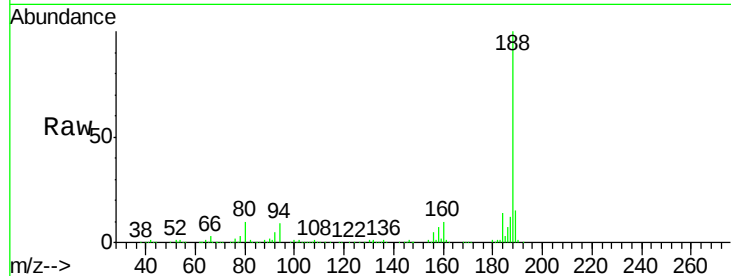
Tot Ion:188 Resp: 433332

Ion Ratio Lower Upper

188 100

94 9.3 7.8 11.6

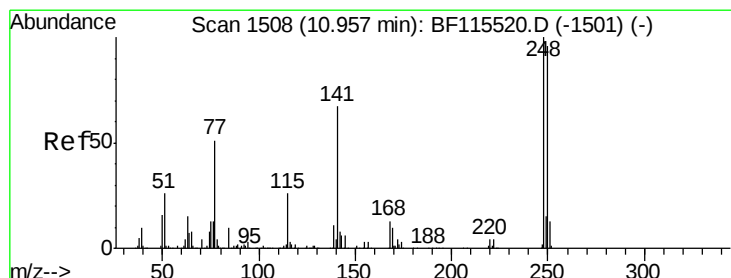
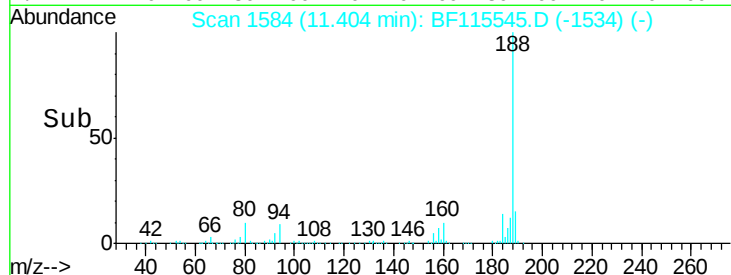
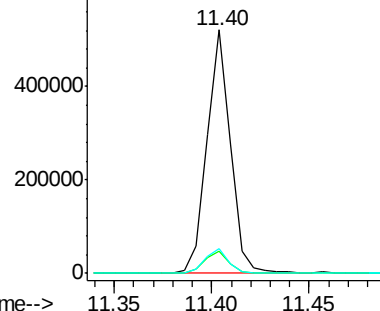
80 10.1 8.6 13.0



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: 2.228 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.25 min

Lab File: BF115545.D

Acq: 12 Jul 2019 23:50

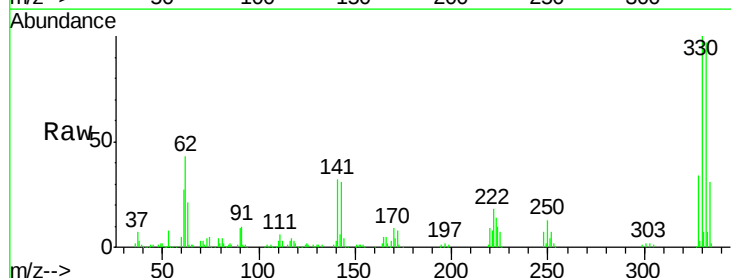
Tgt Ion:248 Resp: 11035

Ion Ratio Lower Upper

248 100

250 195.7 78.0 117.0#

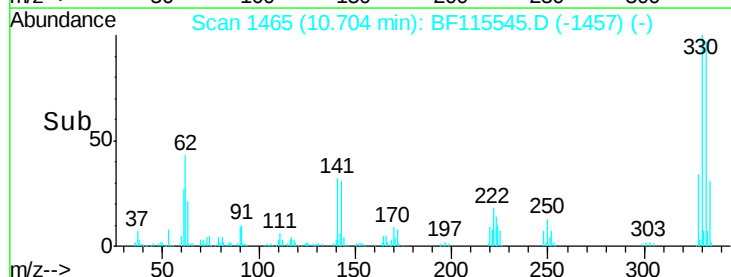
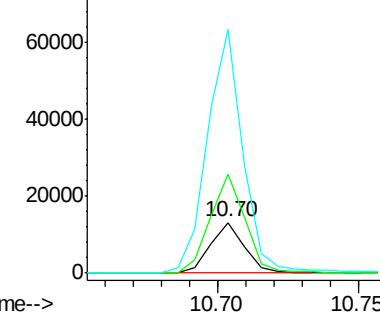
141 482.2 57.7 86.5#

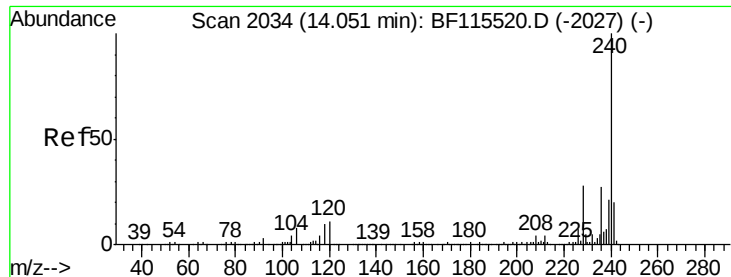


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

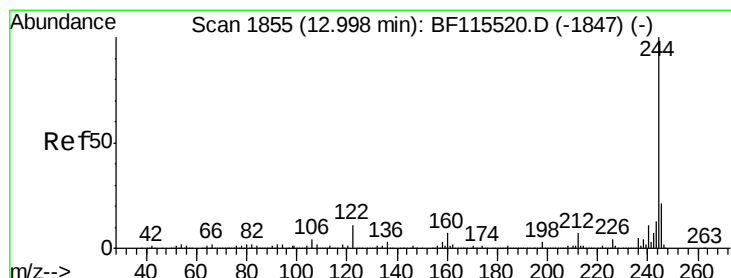
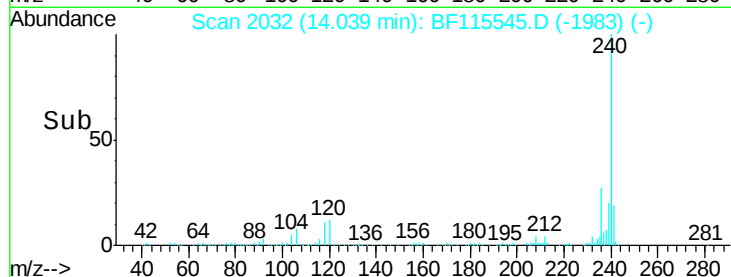
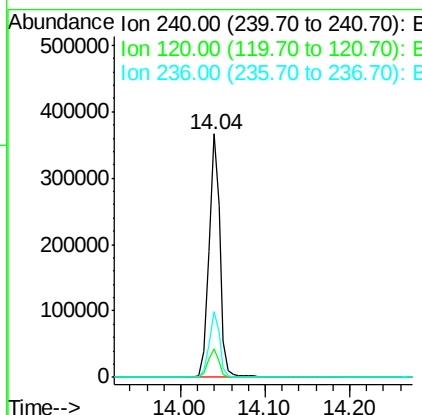
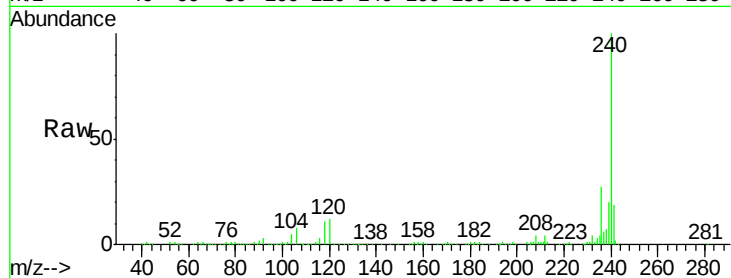




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115545.D
 Acq: 12 Jul 2019 23:50

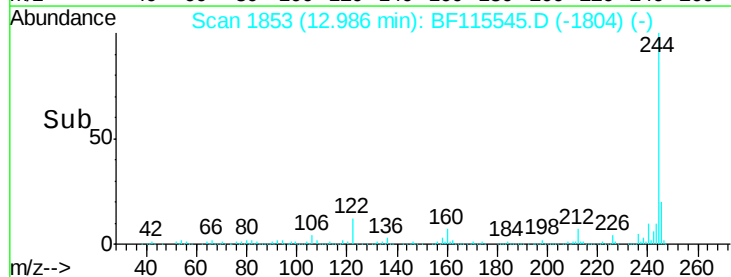
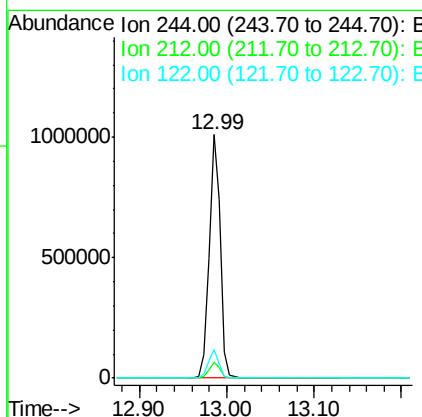
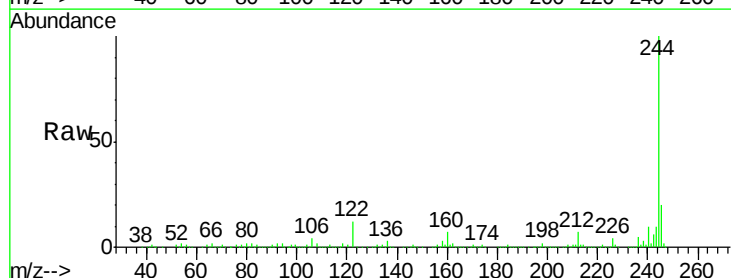
Instrument :
 BNA_F
 ClientSampleId :

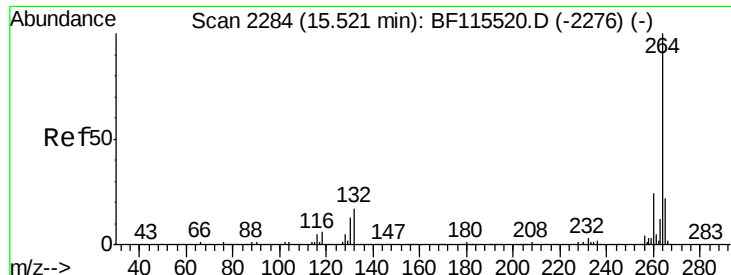
Tot Ion:240 Resp: 334946
 Ion Ratio Lower Upper
 240 100
 120 11.7 8.6 13.0
 236 26.9 21.3 31.9



#79
 Terphenyl-d14
 Concen: 48.628 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF115545.D
 Acq: 12 Jul 2019 23:50

Tgt Ion:244 Resp: 882717
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 11.9 8.6 12.8

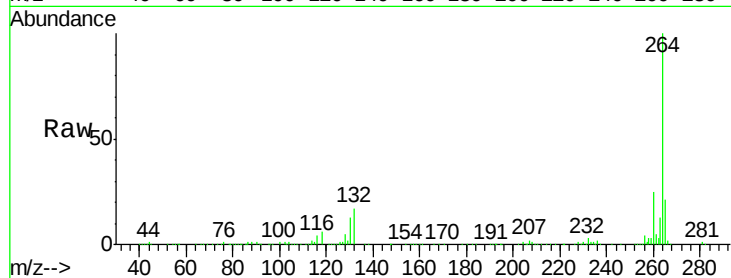




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF115545.D
Acq: 12 Jul 2019 23:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	21.0	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

