

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115541.D
 Acq On : 12 Jul 2019 21:59
 Operator : HP/JU
 Sample : K3621-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 00:12:08 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

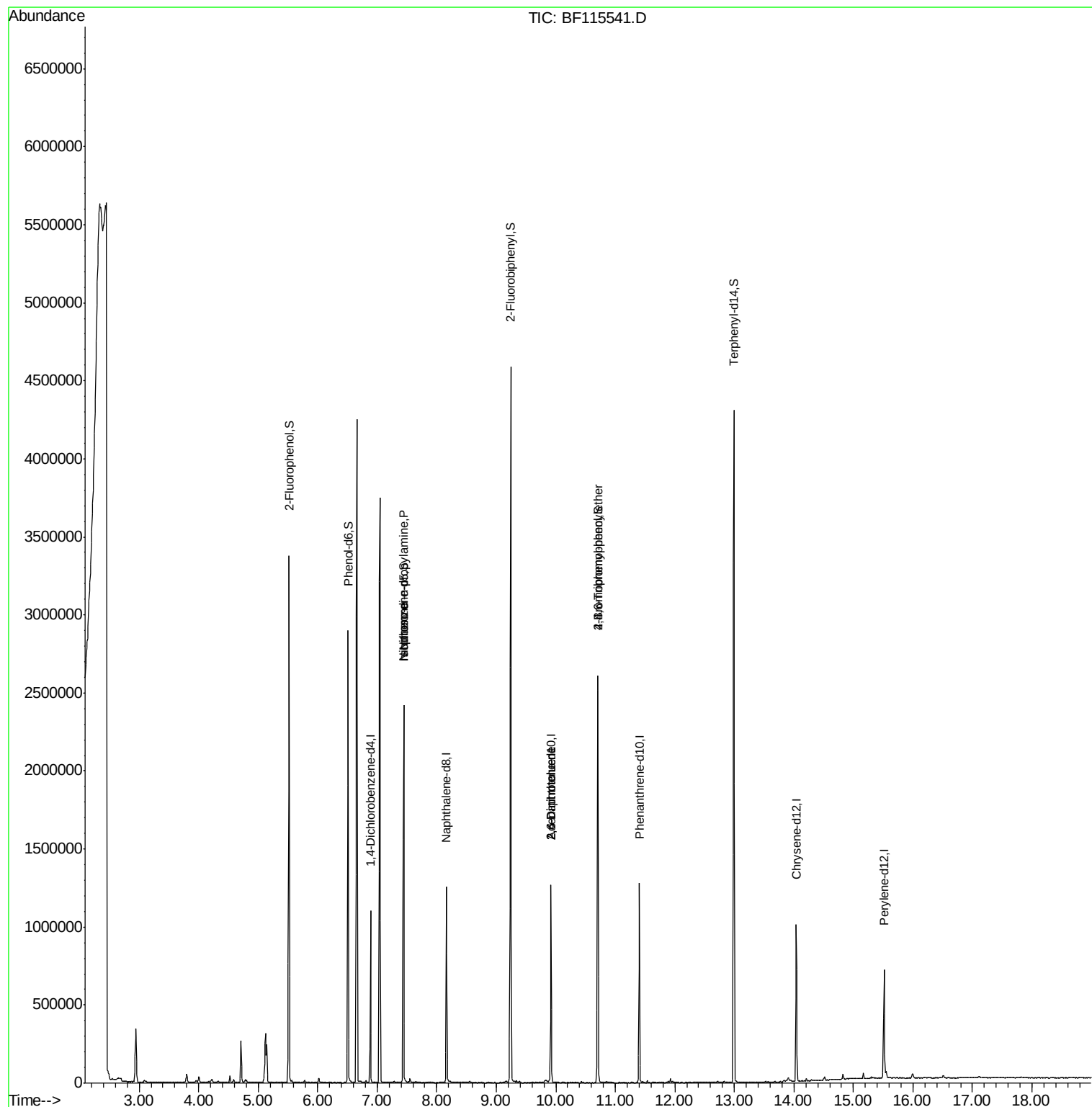
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	155813	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	574760	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	266785	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	440569	20.00	ng	0.00
76) Chrysene-d12	14.04	240	324399	20.00	ng	-0.01
87) Perylene-d12	15.52	264	352717	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1061246	111.41	ng	0.02
7) Phenol-d6	6.52	99	1209373	100.06	ng	0.00
23) Nitrobenzene-d5	7.45	82	963837	97.51	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	392632	126.08	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1701257	111.61	ng	0.00
79) Terphenyl-d14	12.99	244	1522569	86.60	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	128959	16.359	ng	# 79
25) Isophorone	7.45	82	956219	48.344	ng	# 64
51) 2,6-Dinitrotoluene	9.92	165	34210	7.500	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	34210	5.789	ng	# 24
67) 4-Bromophenyl-phenylether	10.71	248	24049	4.777	ng	# 1

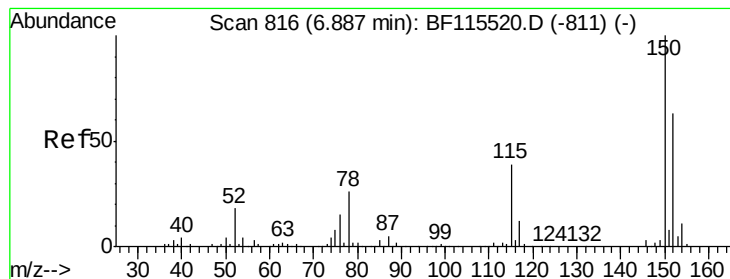
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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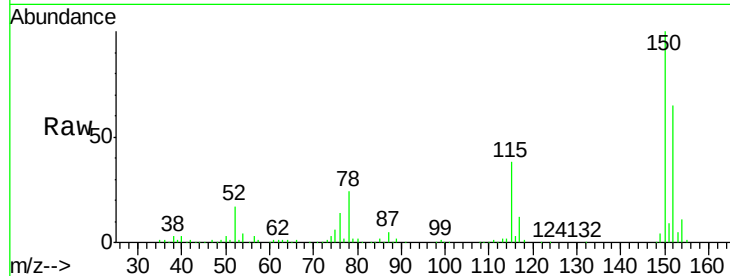


#1

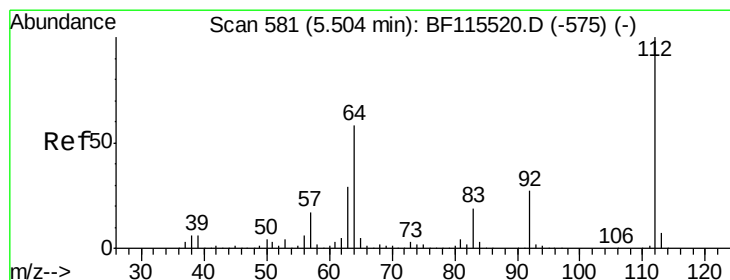
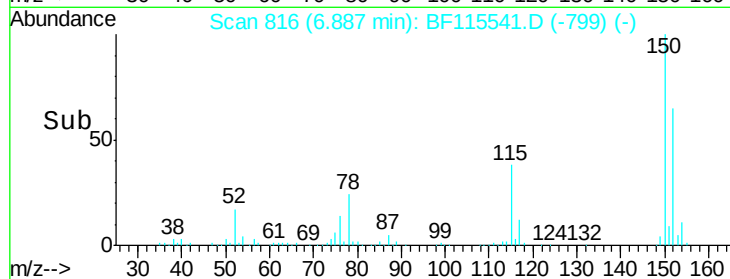
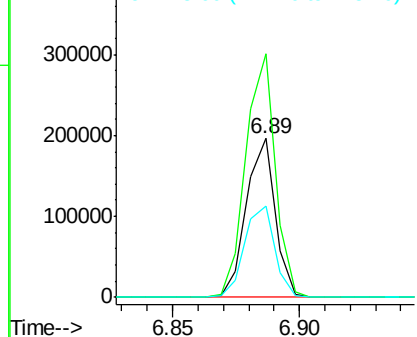
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115541.D
Acq: 12 Jul 2019 21:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 155813
Ion Ratio Lower Upper
152 100
150 153.3 129.7 194.5
115 57.6 48.2 72.4



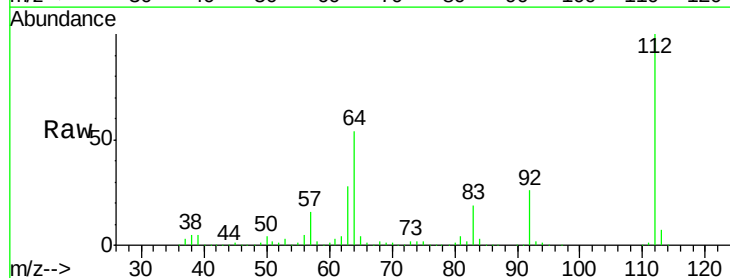
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



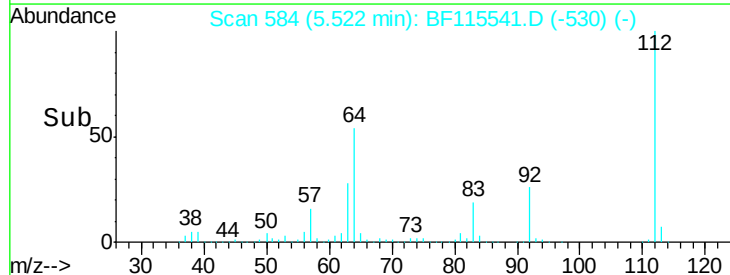
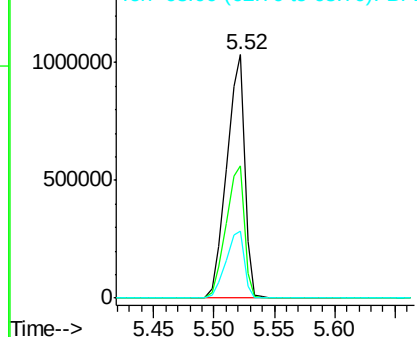
#5

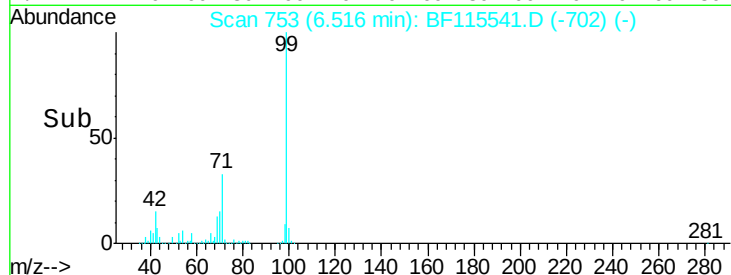
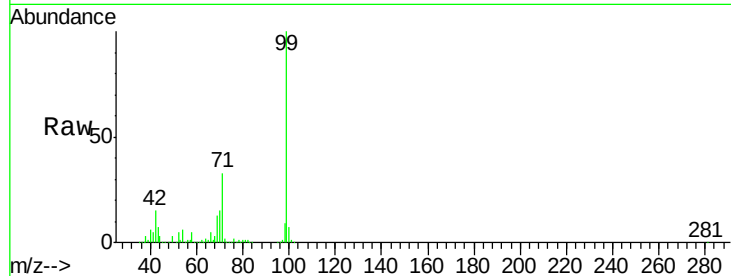
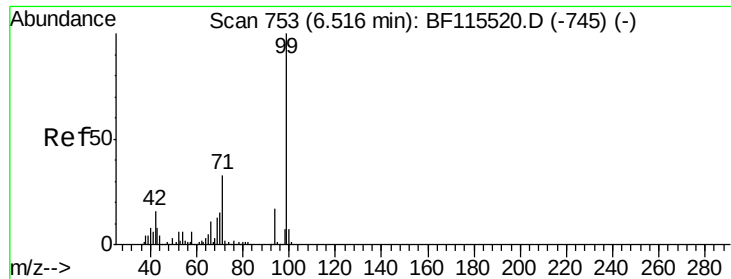
2-Fluorophenol
Concen: 111.409 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.02 min
Lab File: BF115541.D
Acq: 12 Jul 2019 21:59

Tgt Ion:112 Resp: 1061246
Ion Ratio Lower Upper
112 100
64 54.2 46.8 70.2
63 27.7 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: 100.055 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115541.D

Acq: 12 Jul 2019 21:59

Instrument :

BNA_F

ClientSampled :

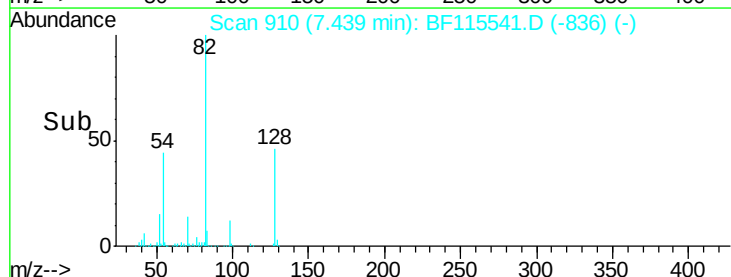
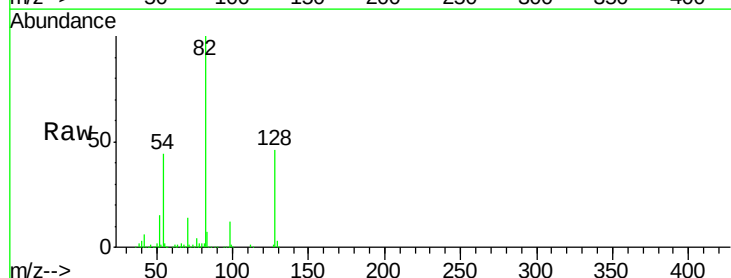
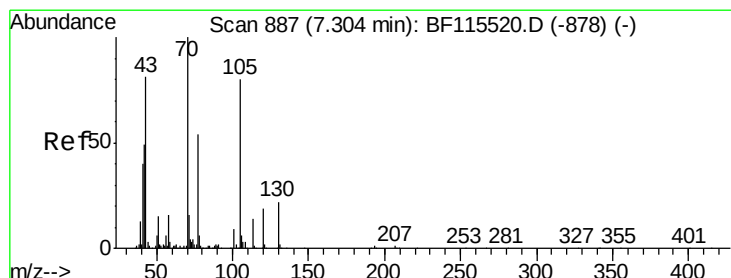
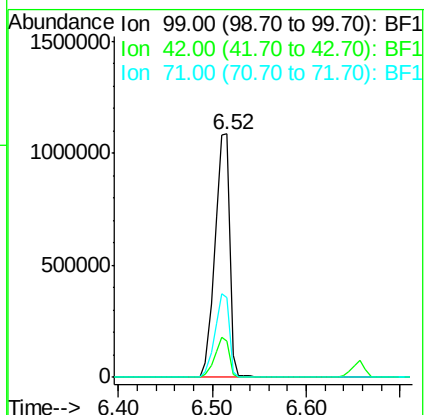
Tot Ion: 99 Resp: 1209373

Ion Ratio Lower Upper

99 100

42 14.7 13.6 20.4

71 32.6 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.359 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115541.D

Acq: 12 Jul 2019 21:59

Tgt Ion: 70 Resp: 128959

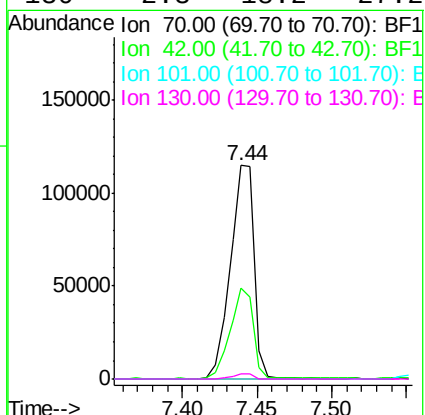
Ion Ratio Lower Upper

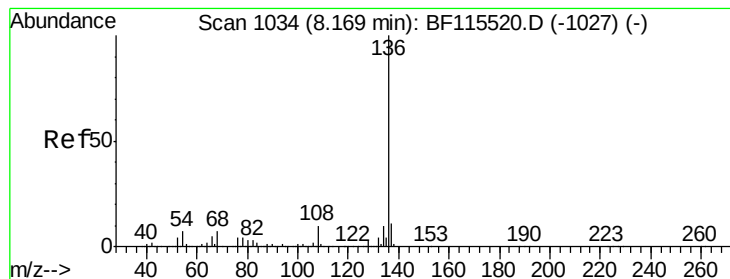
70 100

42 42.4 39.6 59.4

101 0.0 8.1 12.1#

130 2.3 18.2 27.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

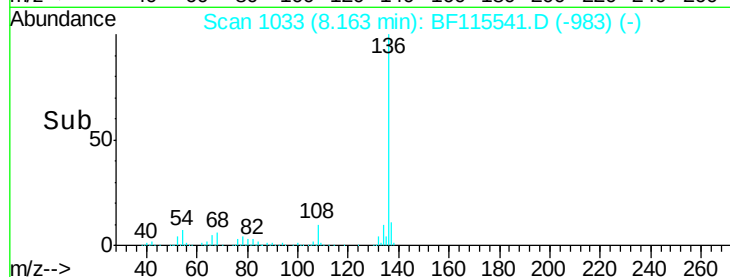
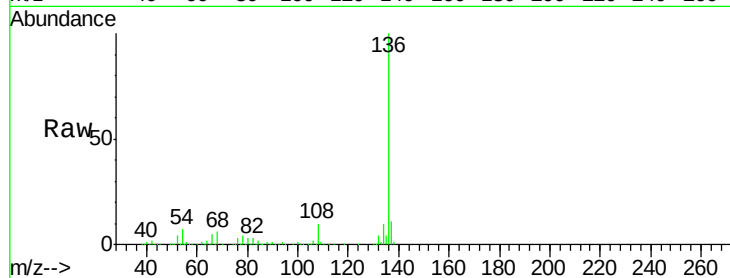
Lab File: BF115541.D

Acq: 12 Jul 2019 21:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 574760

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.7	5.6	8.4
68	6.3	5.0	7.6

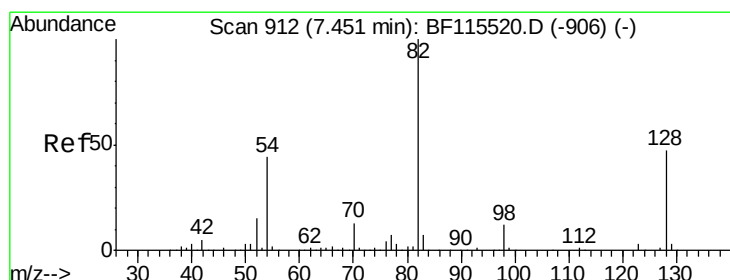


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.508 ng

RT: 7.45 min Scan# 911

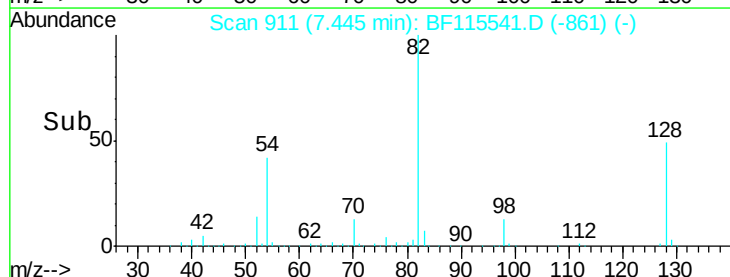
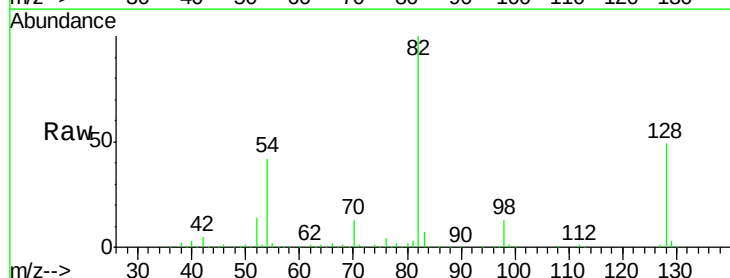
Delta R.T. -0.01 min

Lab File: BF115541.D

Acq: 12 Jul 2019 21:59

Tgt Ion: 82 Resp: 963837

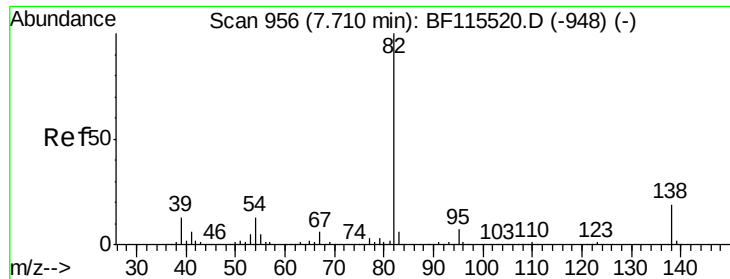
Ion	Ratio	Lower	Upper
82	100		
128	48.6	38.6	57.8
54	42.1	35.6	53.4



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: 48.344 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF115541.D

Acq: 12 Jul 2019 21:59

Instrument :

BNA_F

ClientSampled :

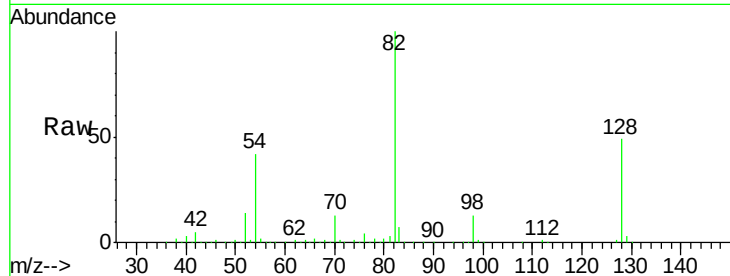
Tot Ion: 82 Resp: 956219

Ion Ratio Lower Upper

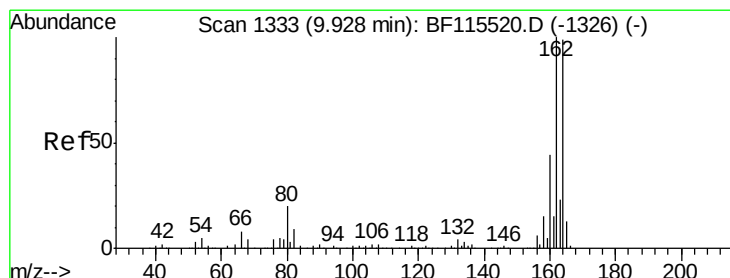
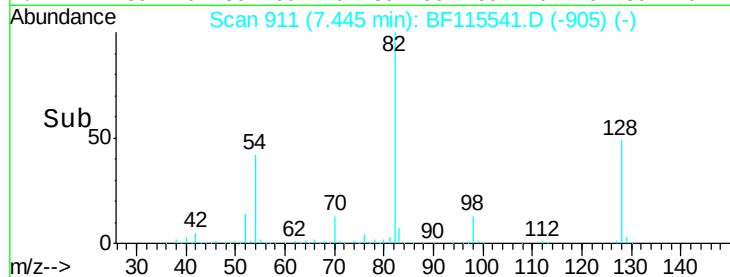
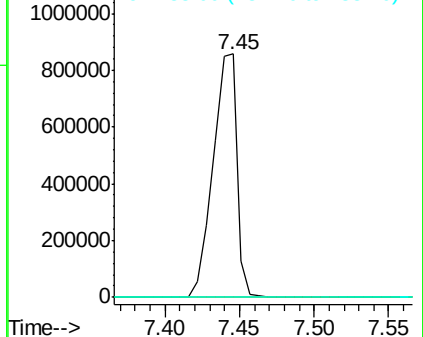
82 100

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: BF115541.D

Acq: 12 Jul 2019 21:59

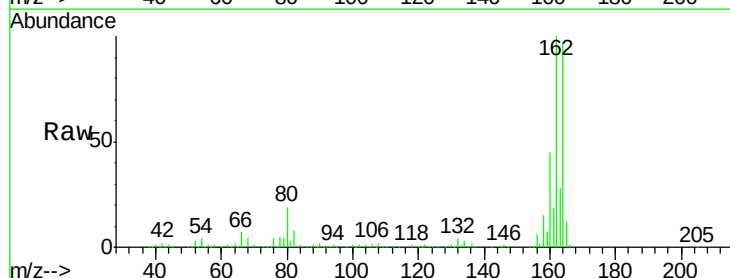
Tgt Ion: 164 Resp: 266785

Ion Ratio Lower Upper

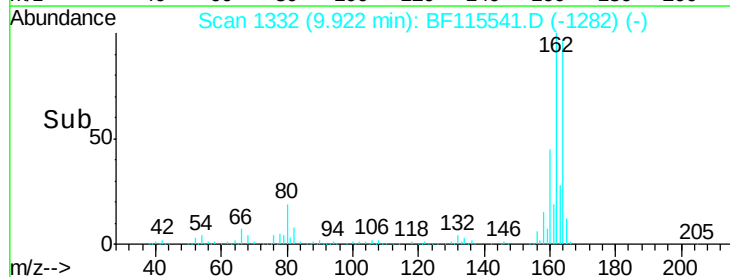
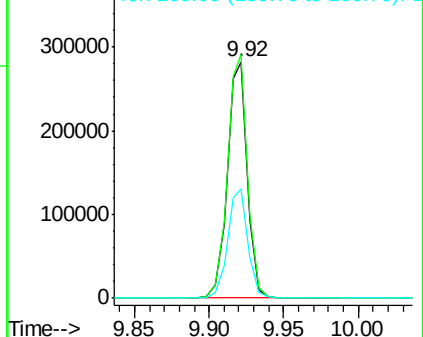
164 100

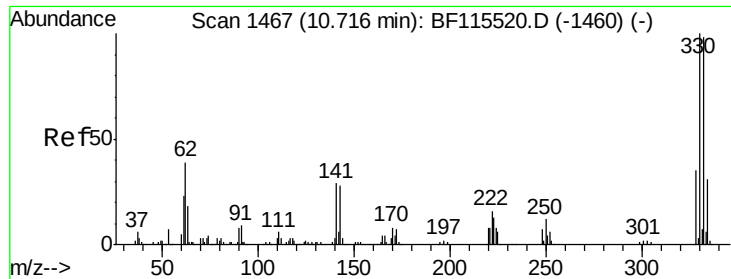
162 103.1 82.9 124.3

160 46.3 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

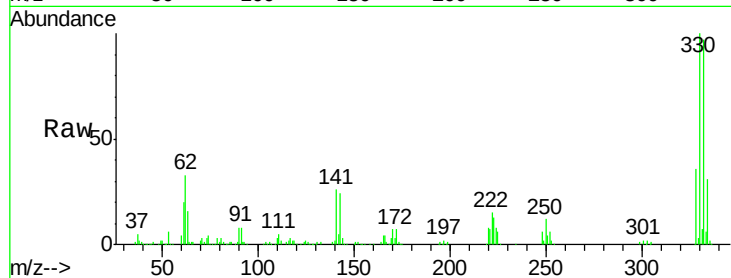




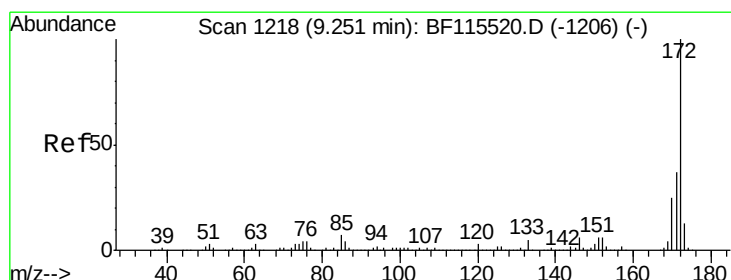
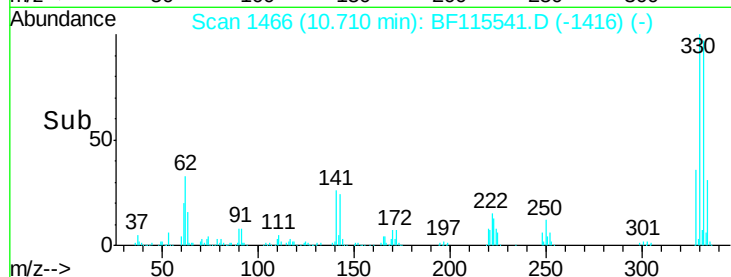
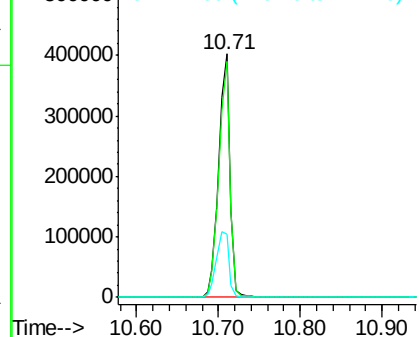
#42
 2,4,6-Tribromophenol
 Concen: 126.085 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115541.D
 Acq: 12 Jul 2019 21:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 392632
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 29.9 22.4 33.6

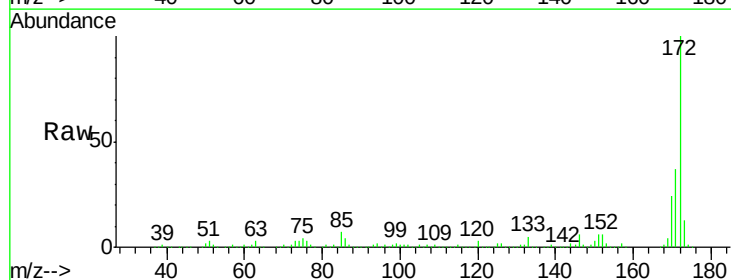


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

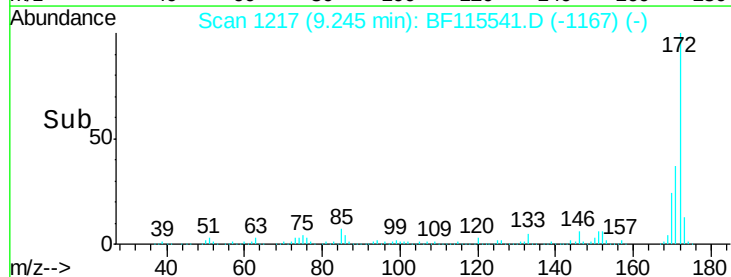
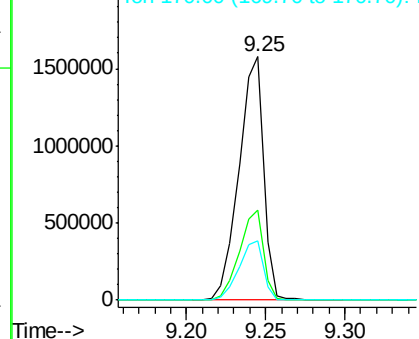


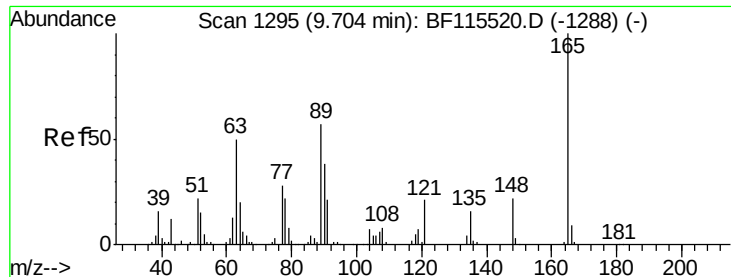
#45
 2-Fluorobiphenyl
 Concen: 111.614 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF115541.D
 Acq: 12 Jul 2019 21:59

Tgt Ion:172 Resp: 1701257
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.6 46.0
 170 24.5 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





#51

2,6-Dinitrotoluene

Concen: 7.500 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.22 min

Lab File: BF115541.D

Acq: 12 Jul 2019 21:59

Instrument :

BNA_F

ClientSampleId :

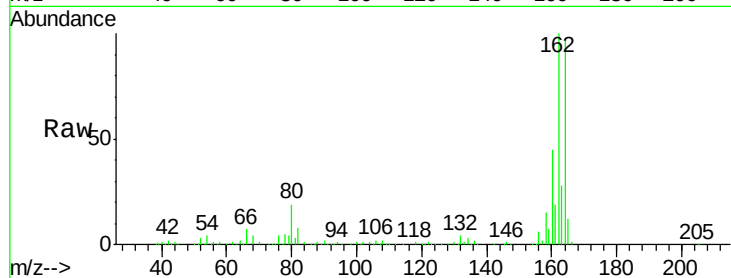
Tot Ion:165 Resp: 34210

Ion Ratio Lower Upper

165 100

63 1.1 40.6 61.0#

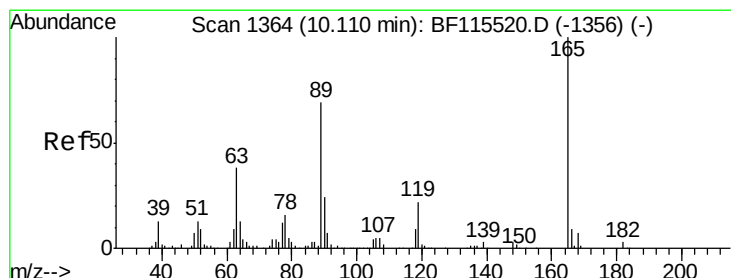
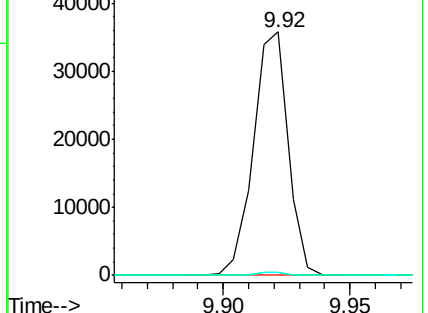
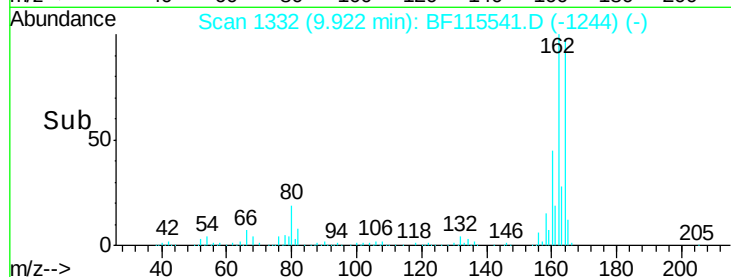
89 1.4 43.9 65.9#



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: 5.789 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.19 min

Lab File: BF115541.D

Acq: 12 Jul 2019 21:59

Tgt Ion:165 Resp: 34210

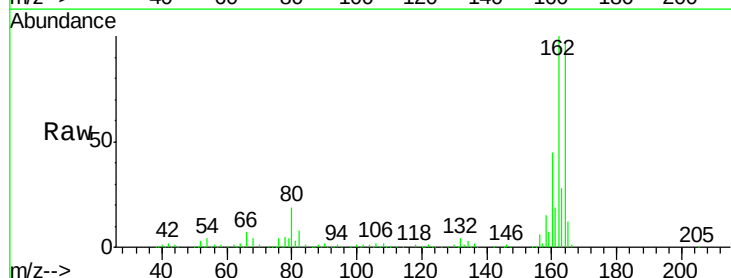
Ion Ratio Lower Upper

165 100

63 1.1 34.9 52.3#

89 1.4 57.5 86.3#

182 0.0 2.2 3.4#

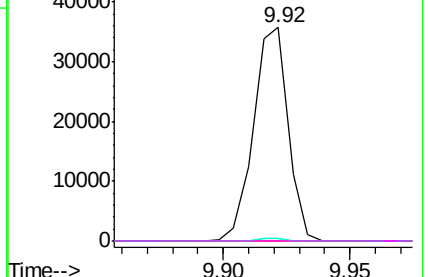
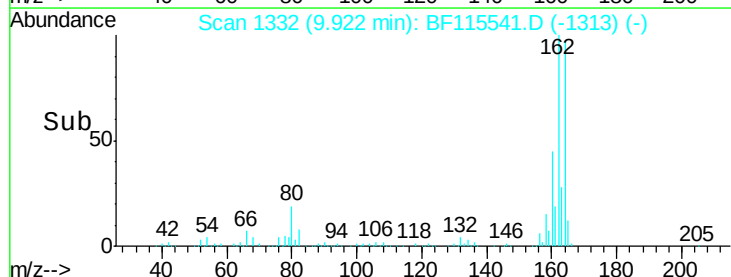


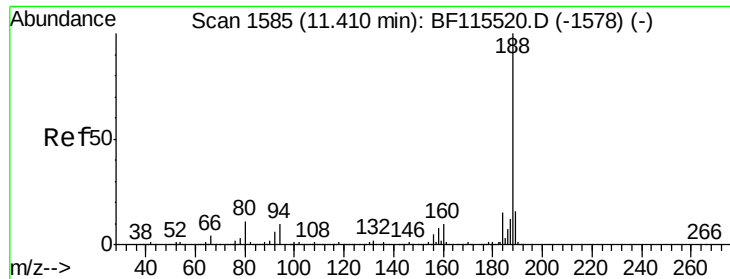
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF115541.D

Acq: 12 Jul 2019 21:59

Instrument :

BNA_F

ClientSampleId :

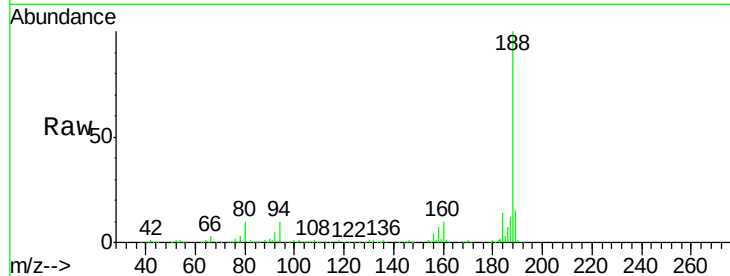
Tot Ion:188 Resp: 440569

Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

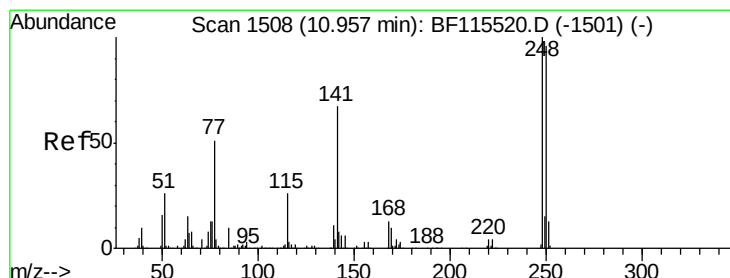
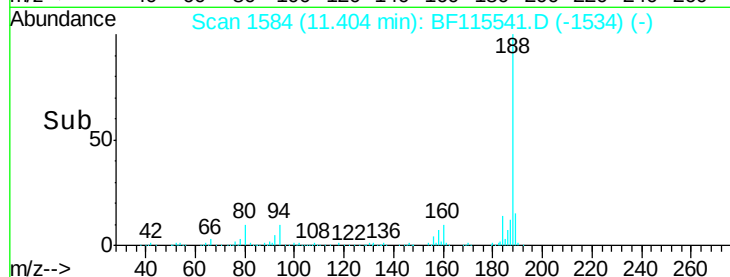
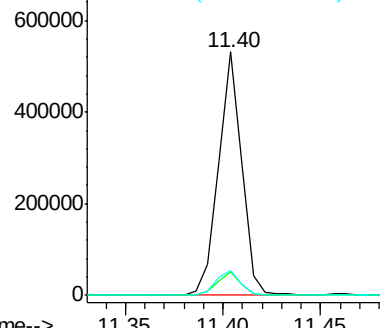
80 10.1 8.6 13.0



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: 4.777 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.25 min

Lab File: BF115541.D

Acq: 12 Jul 2019 21:59

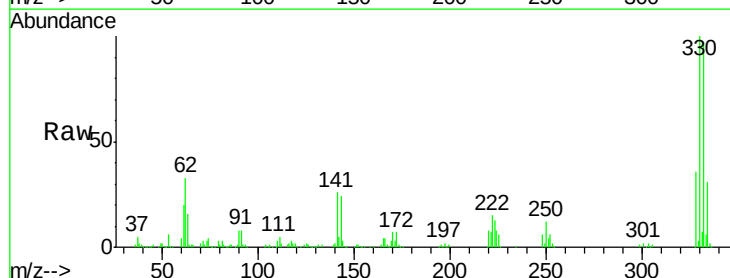
Tgt Ion:248 Resp: 24049

Ion Ratio Lower Upper

248 100

250 195.2 78.0 117.0#

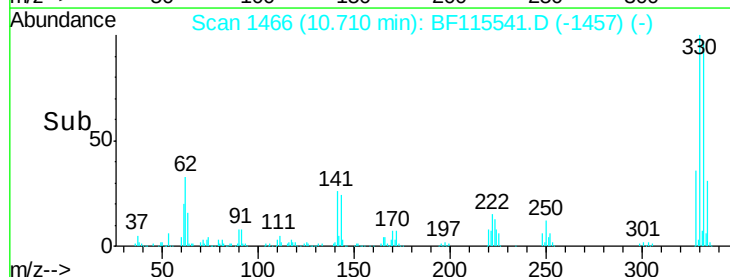
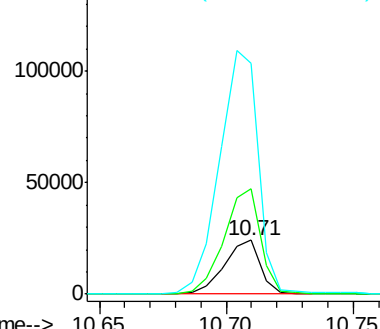
141 430.8 57.7 86.5#

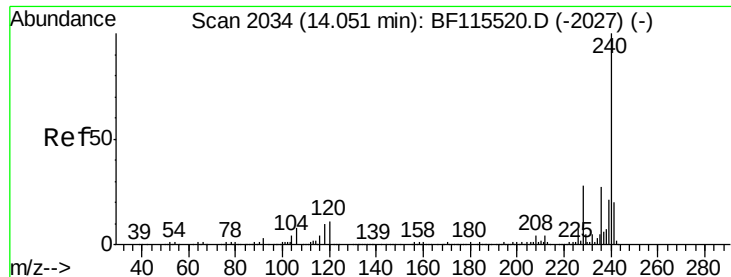


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

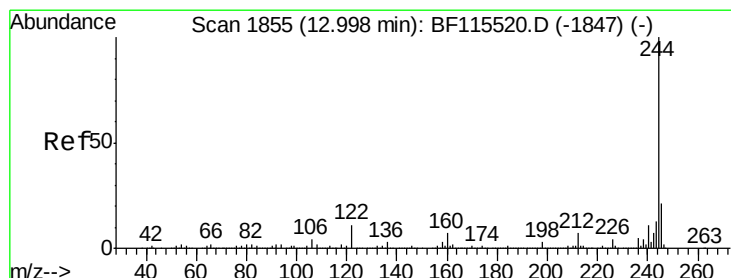
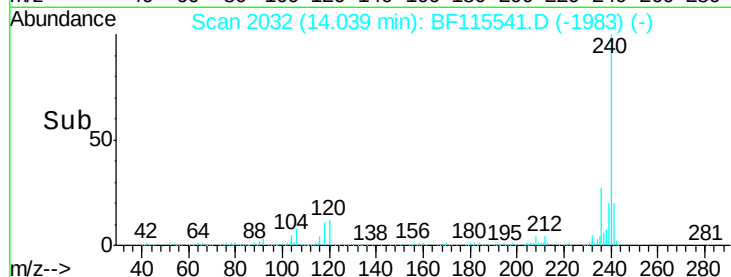
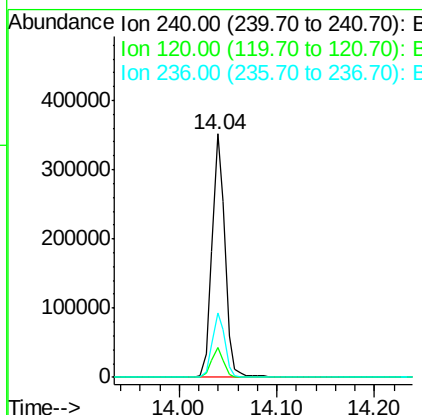
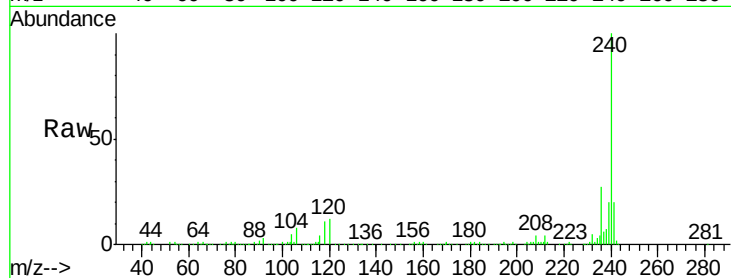




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115541.D
 Acq: 12 Jul 2019 21:59

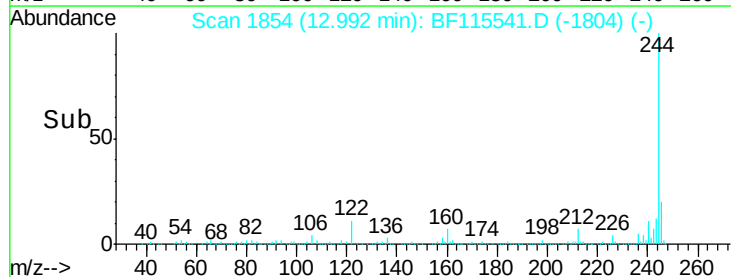
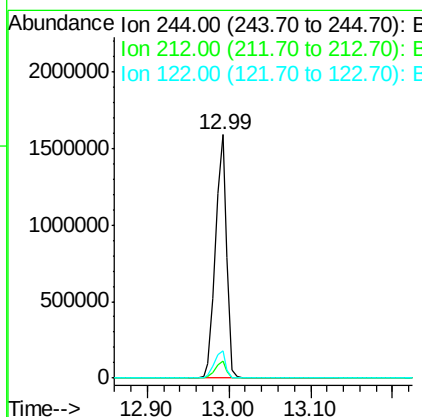
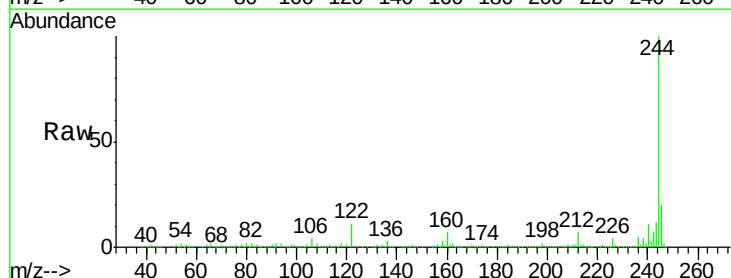
Instrument :
 BNA_F
 ClientSampleId :

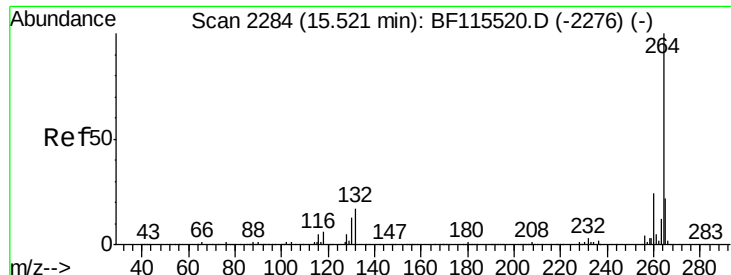
Tot Ion:240 Resp: 324399
 Ion Ratio Lower Upper
 240 100
 120 12.0 8.6 13.0
 236 26.6 21.3 31.9



#79
 Terphenyl-d14
 Concen: 86.603 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115541.D
 Acq: 12 Jul 2019 21:59

Tgt Ion:244 Resp: 1522569
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 11.4 8.6 12.8

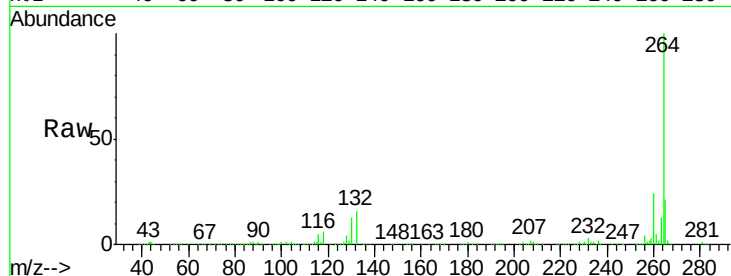




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BF115541.D
 Acq: 12 Jul 2019 21:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	352717
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.8
265	21.3	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

