

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115586.D
 Acq On : 16 Jul 2019 9:59
 Operator : HP/JU
 Sample : PB121322BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 15:28:16 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

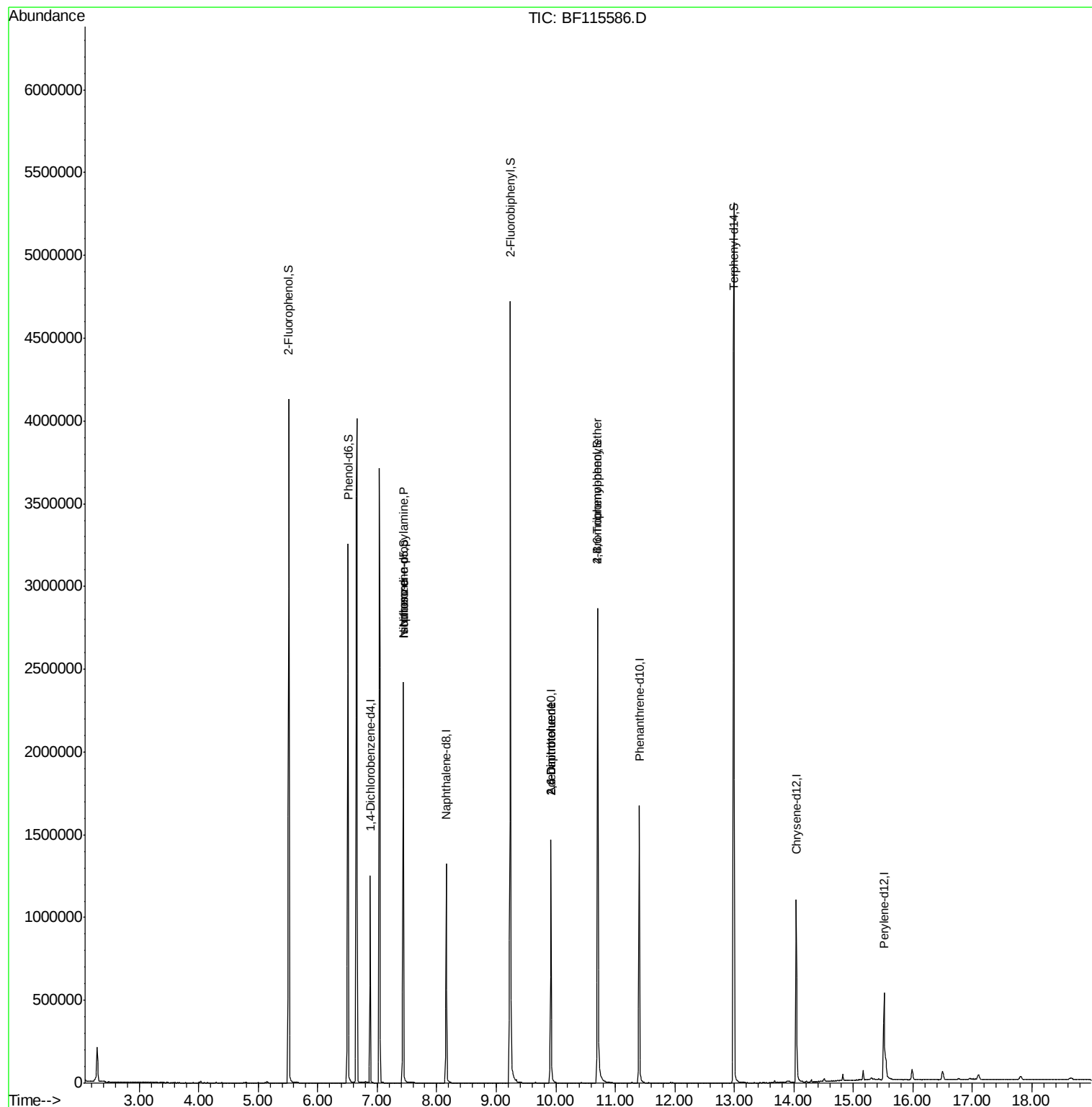
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	172272	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	676197	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	341587	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	676133	20.00	ng	0.00
76) Chrysene-d12	14.04	240	432753	20.00	ng	-0.01
87) Perylene-d12	15.52	264	366225	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1391519	132.12	ng	0.01
7) Phenol-d6	6.52	99	1567365	117.28	ng	0.00
23) Nitrobenzene-d5	7.44	82	1015247	87.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	489249	122.71	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1914369	98.09	ng	-0.01
79) Terphenyl-d14	12.99	244	2045362	87.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	133857	15.358	ng	# 78
25) Isophorone	7.44	82	988066	42.461	ng	# 64
51) 2,6-Dinitrotoluene	9.92	165	43304	7.414	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	43426	5.739	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	29336	3.797	ng	# 1

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

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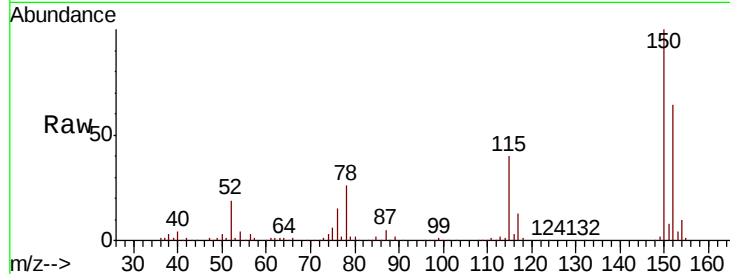


#1

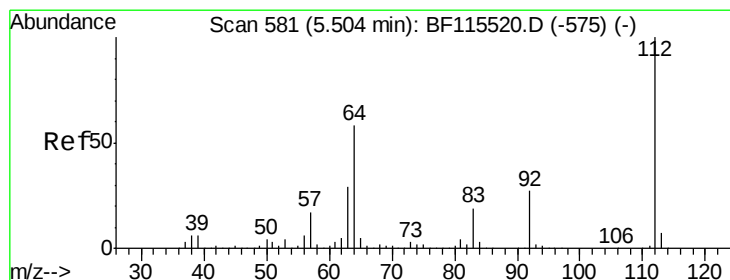
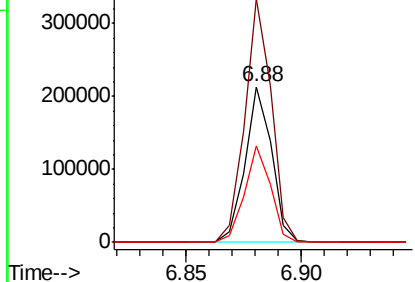
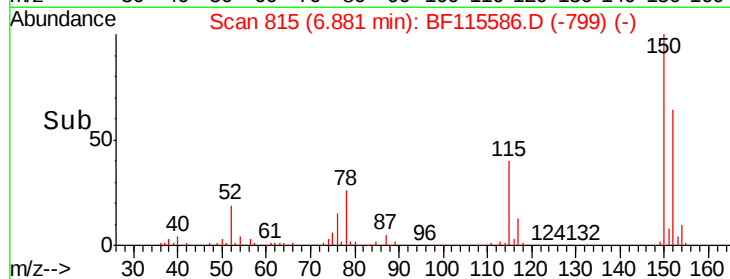
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115586.D
Acq: 16 Jul 2019 9:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 172272
Ion Ratio Lower Upper
152 100
150 156.2 129.7 194.5
115 61.7 48.2 72.4



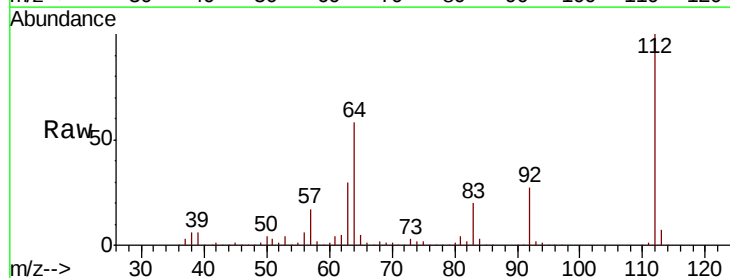
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



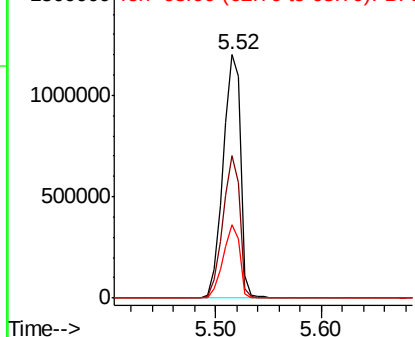
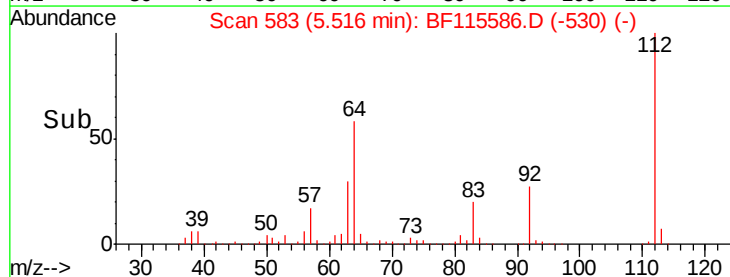
#5

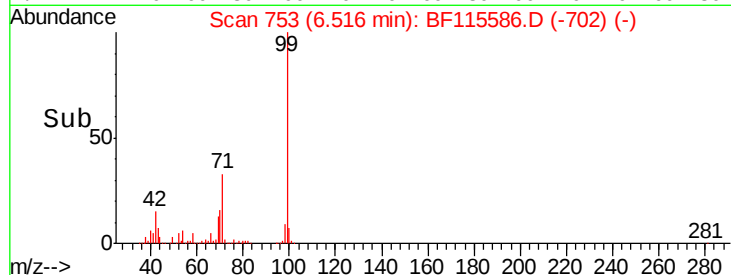
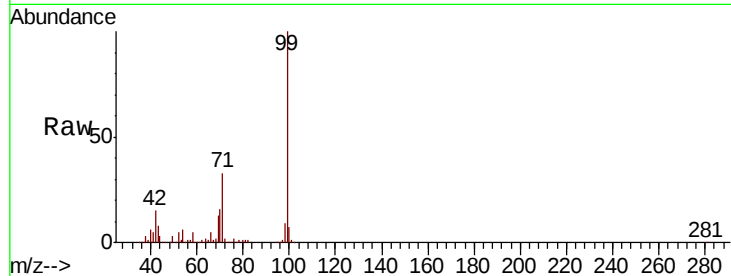
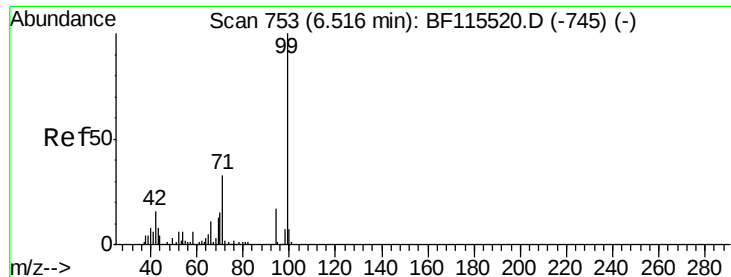
2-Fluorophenol
Concen: 132.124 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF115586.D
Acq: 16 Jul 2019 9:59

Tgt Ion:112 Resp: 1391519
Ion Ratio Lower Upper
112 100
64 58.4 46.8 70.2
63 30.0 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: 117.284 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115586.D

Acq: 16 Jul 2019 9:59

Instrument :

BNA_F

ClientSampleId :

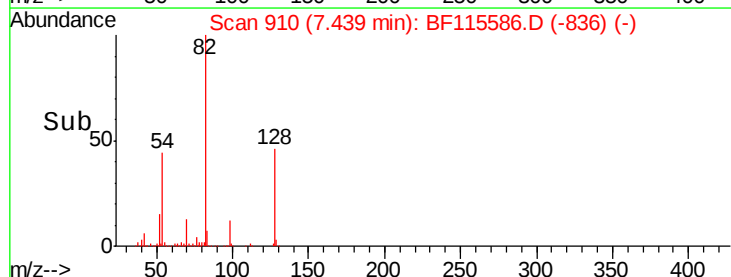
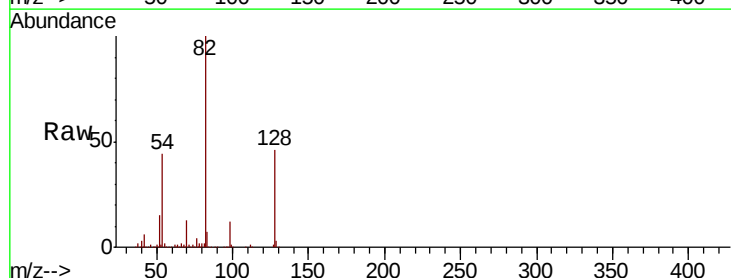
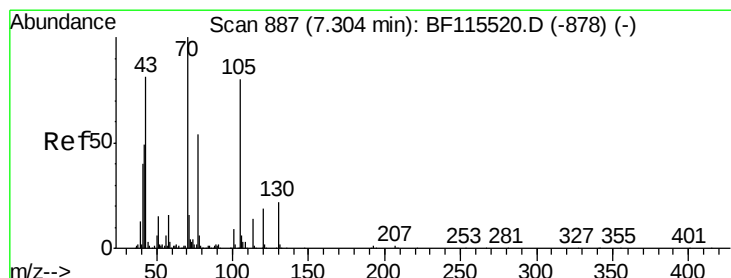
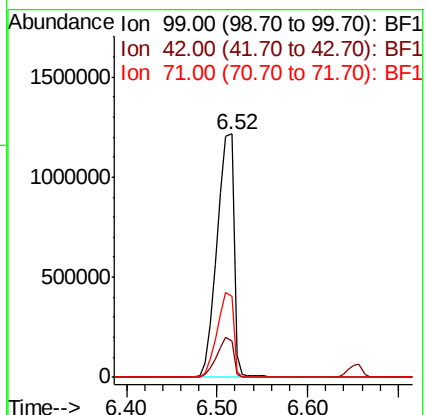
Tot Ion: 99 Resp: 1567365

Ion Ratio Lower Upper

99 100

42 15.1 13.6 20.4

71 33.2 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.358 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115586.D

Acq: 16 Jul 2019 9:59

Tgt Ion: 70 Resp: 133857

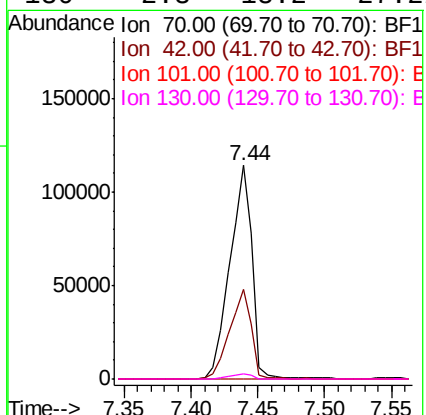
Ion Ratio Lower Upper

70 100

42 41.9 39.6 59.4

101 0.0 8.1 12.1#

130 2.3 18.2 27.2#

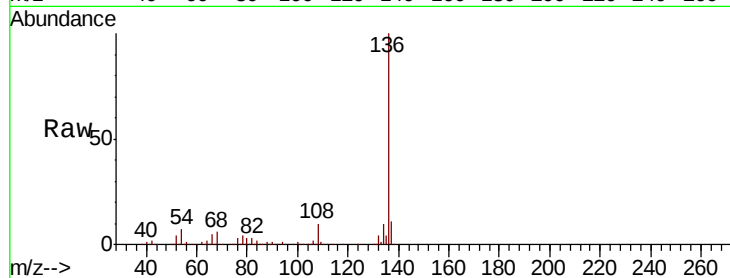




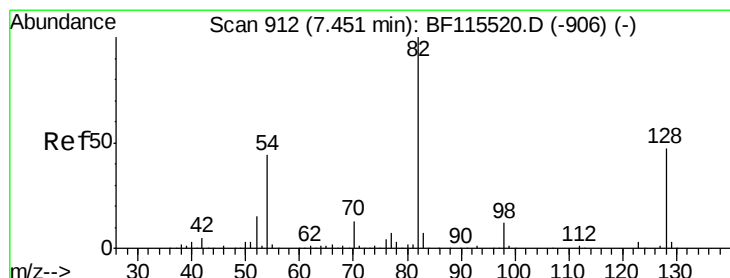
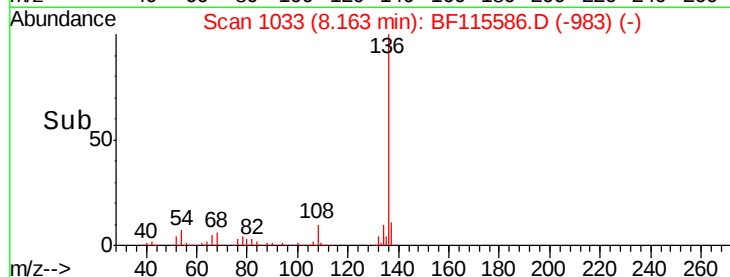
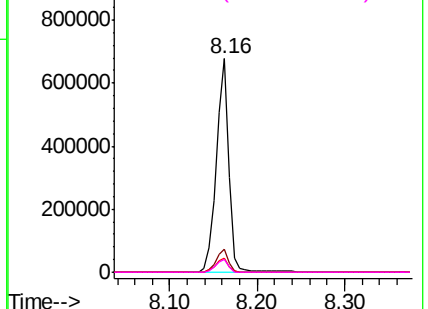
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115586.D
Acq: 16 Jul 2019 9:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	676197
Ion Ratio	Lower	Upper
136 100		
137 11.0	9.0	13.4
54 6.5	5.6	8.4
68 5.8	5.0	7.6

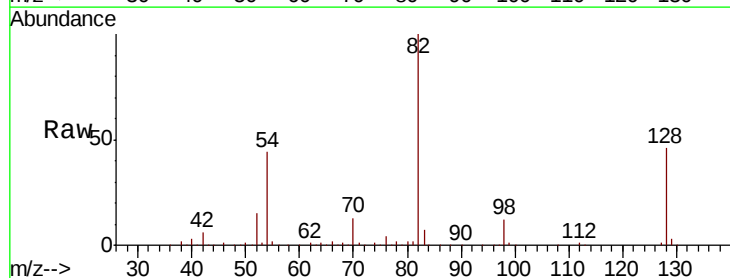


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

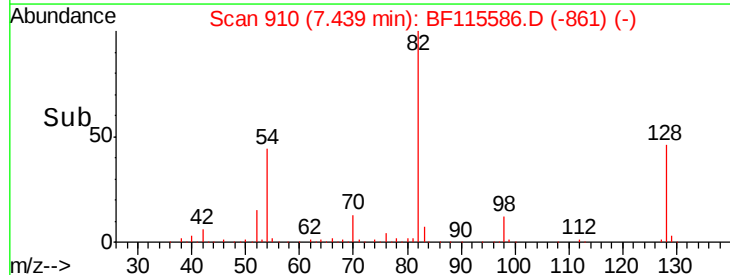
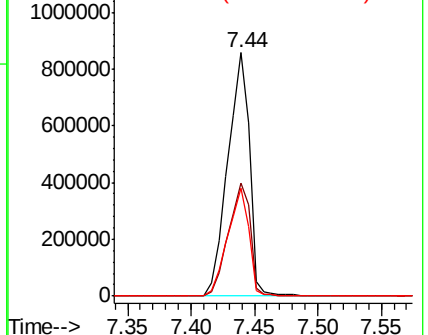


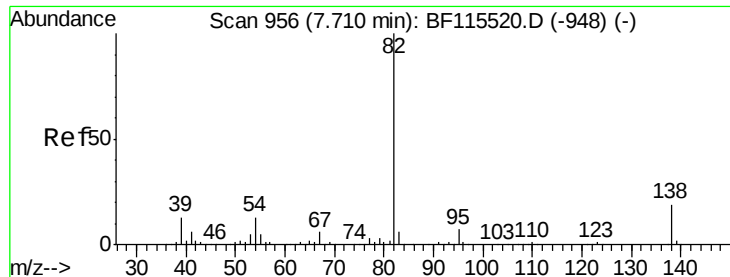
#23
Nitrobenzene-d5
Concen: 87.302 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115586.D
Acq: 16 Jul 2019 9:59

Tgt Ion: 82	Resp: 1015247
Ion Ratio	Lower Upper
82 100	
128 46.5	38.6 57.8
54 44.2	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: 42.461 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115586.D

Acq: 16 Jul 2019 9:59

Instrument :

BNA_F

ClientSampleID :

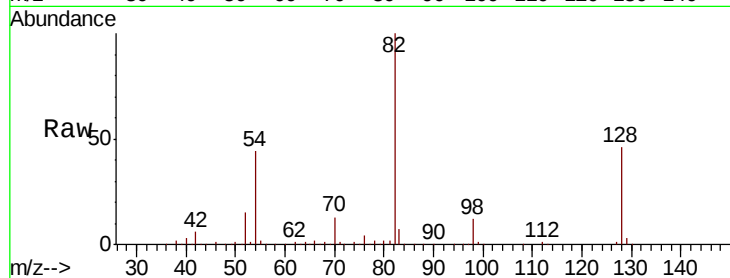
Tot Ion: 82 Resp: 988066

Ion Ratio Lower Upper

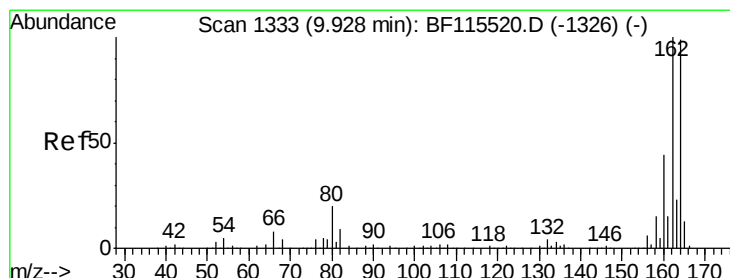
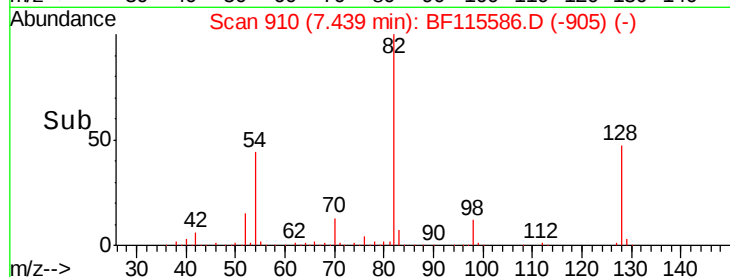
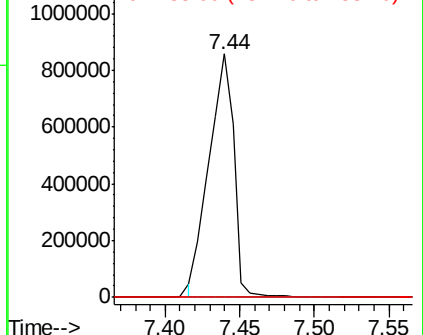
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF115586.D

Acq: 16 Jul 2019 9:59

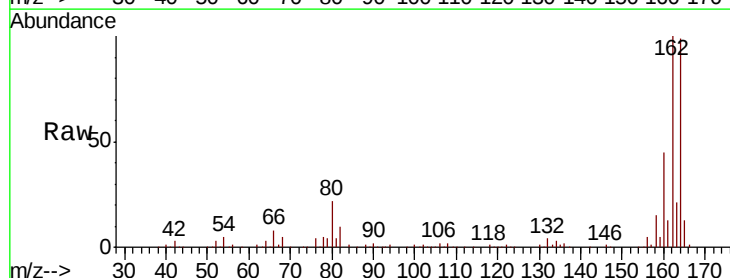
Tgt Ion: 164 Resp: 341587

Ion Ratio Lower Upper

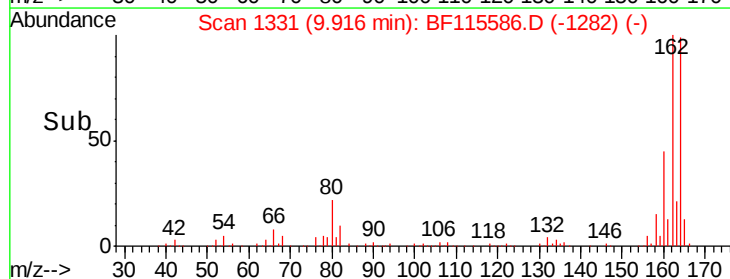
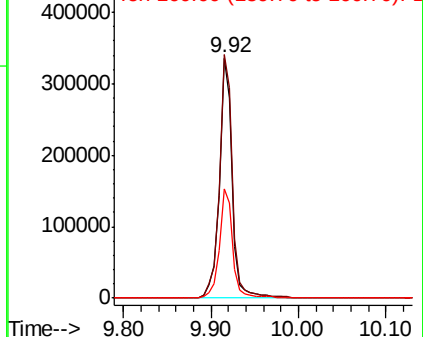
164 100

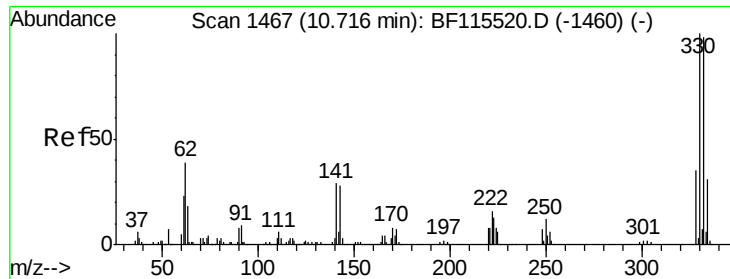
162 101.4 82.9 124.3

160 45.7 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

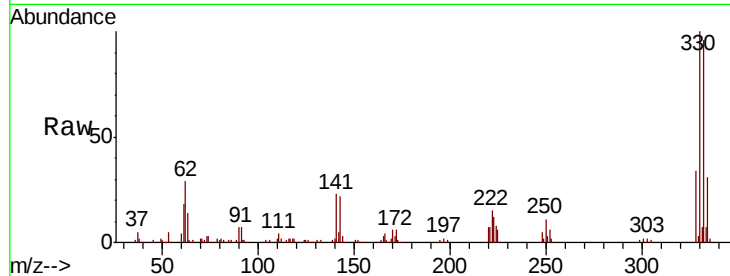




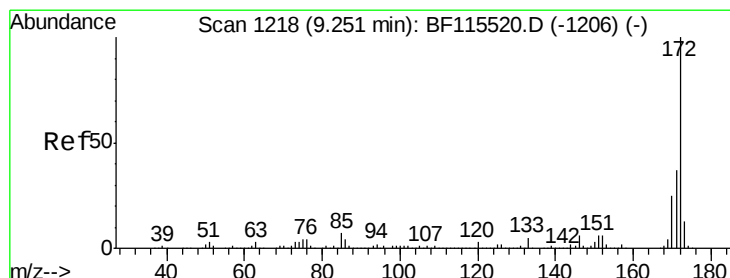
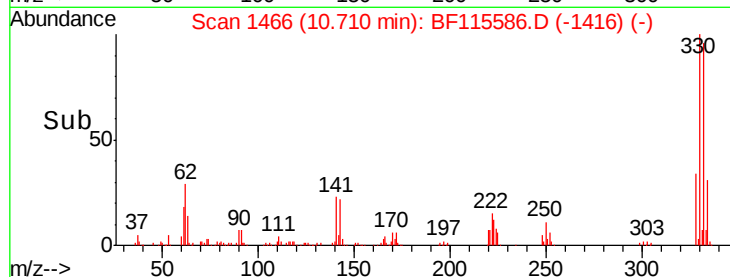
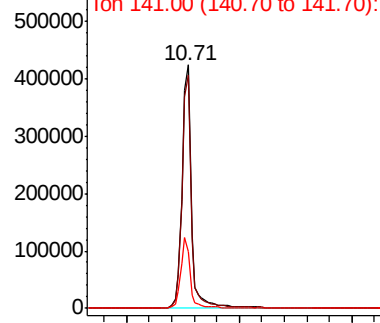
#42
 2,4,6-Tribromophenol
 Concen: 122.707 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115586.D
 Acq: 16 Jul 2019 9:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 489249
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 29.9 22.4 33.6

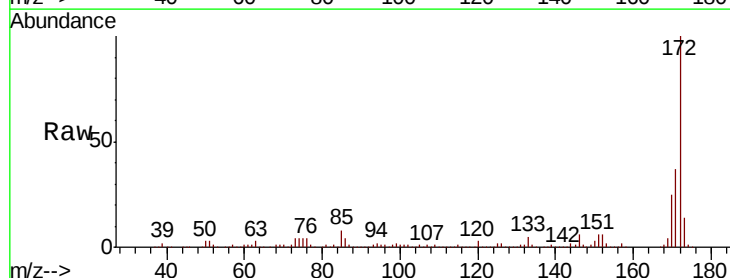


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

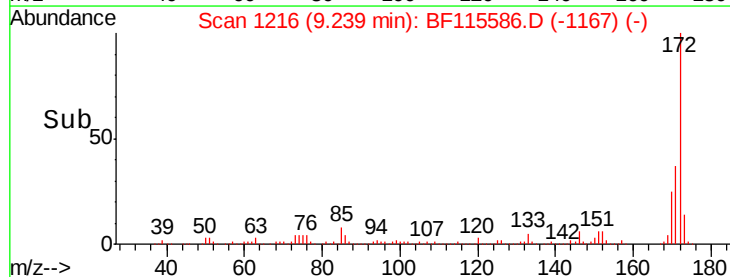
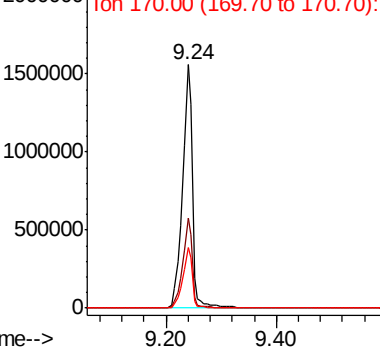


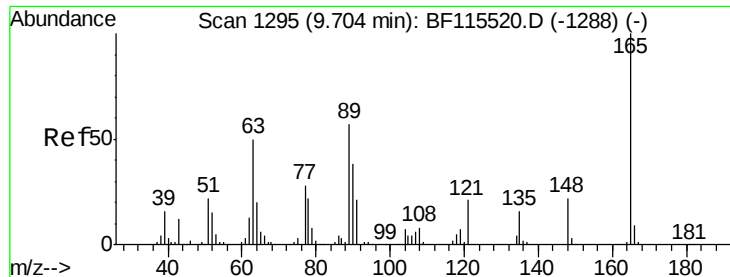
#45
 2-Fluorobiphenyl
 Concen: 98.092 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115586.D
 Acq: 16 Jul 2019 9:59

Tgt Ion:172 Resp: 1914369
 Ion Ratio Lower Upper
 172 100
 171 36.7 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

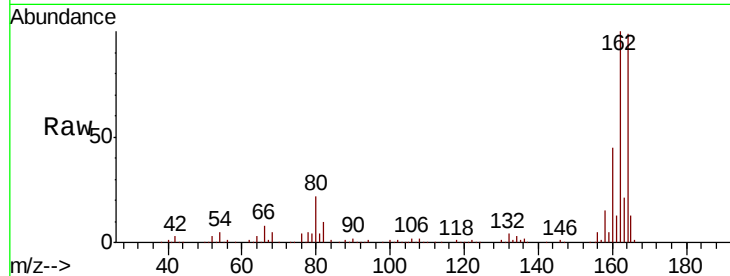




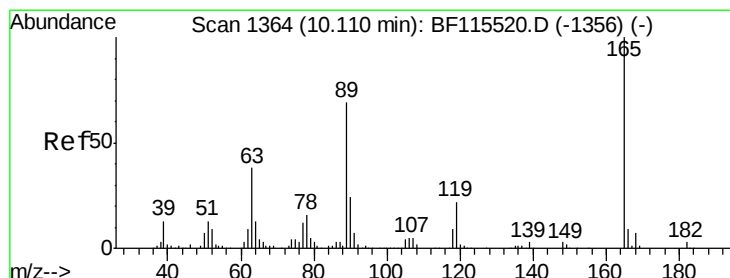
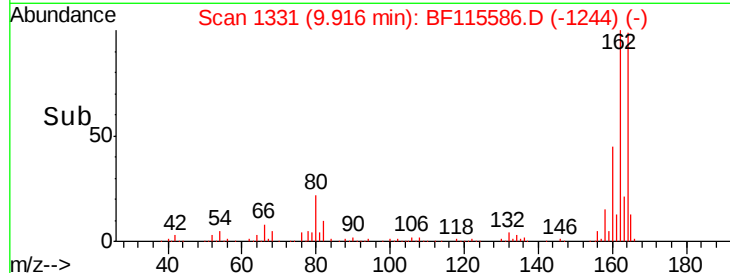
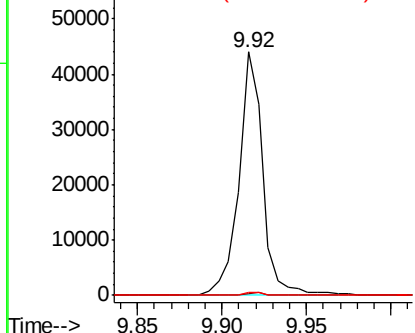
#51
 2,6-Dinitrotoluene
 Concen: 7.414 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF115586.D
 Acq: 16 Jul 2019 9:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.6	61.0#
89	1.4	43.9	65.9#



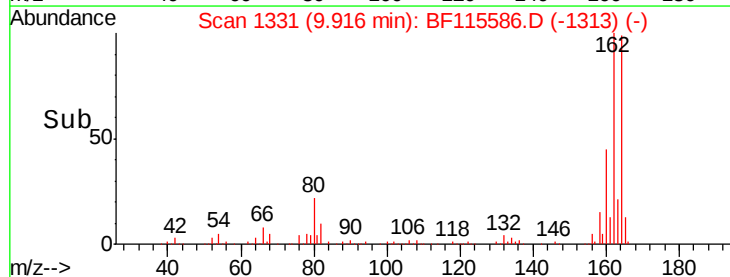
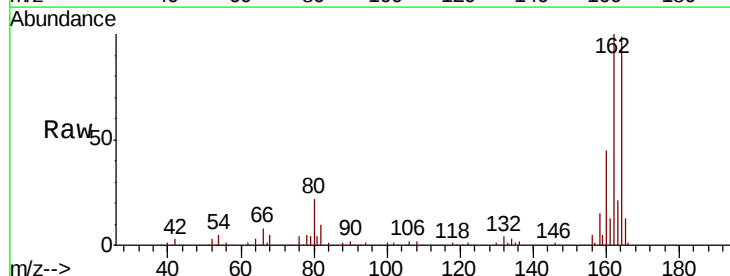
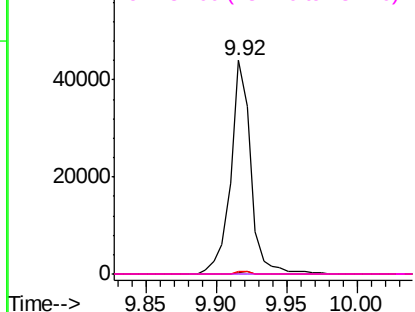
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

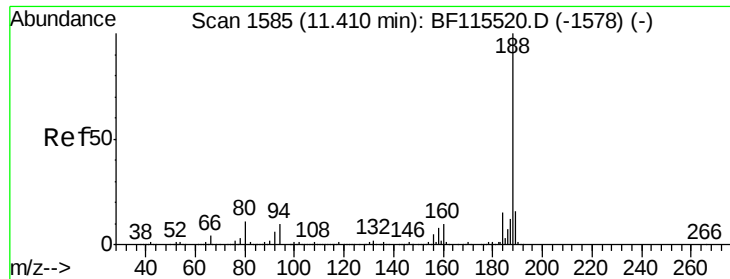


#57
 2,4-Dinitrotoluene
 Concen: 5.739 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF115586.D
 Acq: 16 Jul 2019 9:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	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: BF115586.D

Acq: 16 Jul 2019 9:59

Instrument :

BNA_F

ClientSampleId :

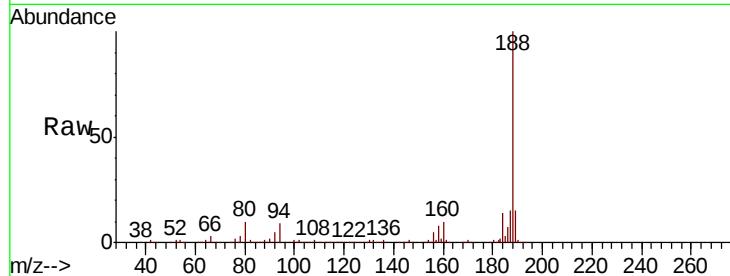
Tot Ion:188 Resp: 676133

Ion Ratio Lower Upper

188 100

94 9.0 7.8 11.6

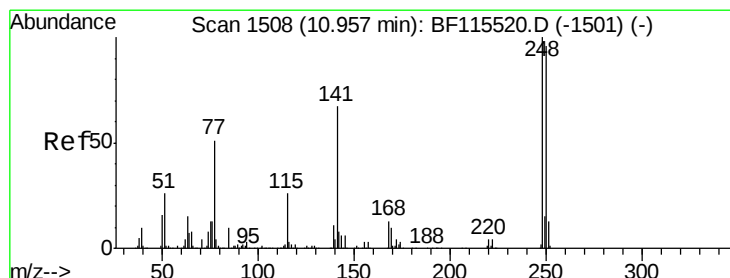
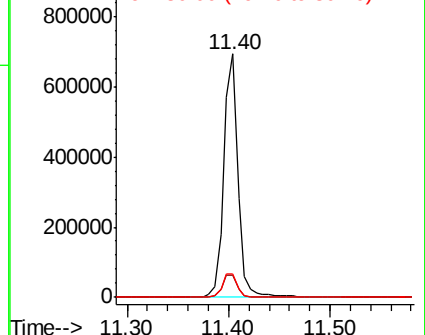
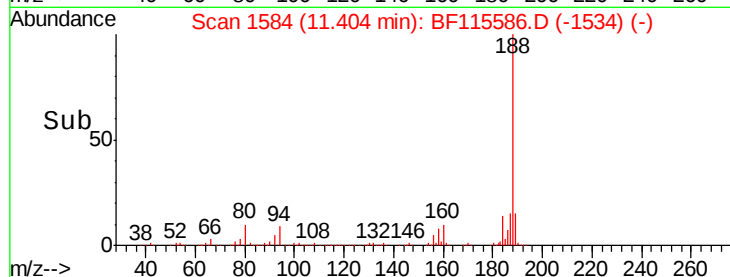
80 9.8 8.6 13.0



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: 3.797 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.25 min

Lab File: BF115586.D

Acq: 16 Jul 2019 9:59

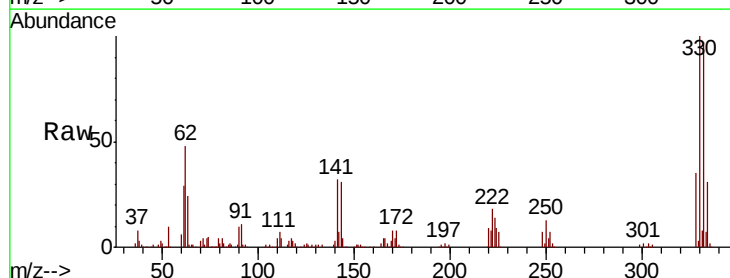
Tgt Ion:248 Resp: 29336

Ion Ratio Lower Upper

248 100

250 198.9 78.0 117.0#

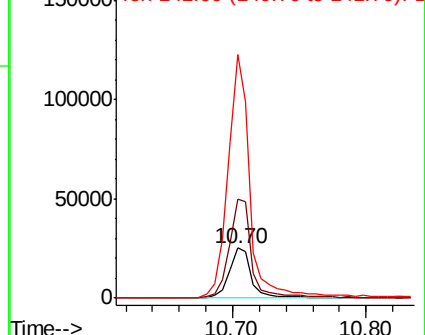
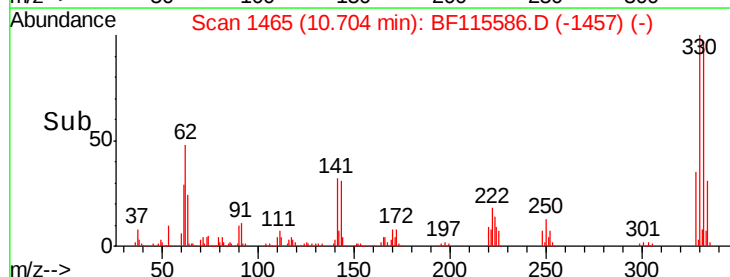
141 488.2 57.7 86.5#

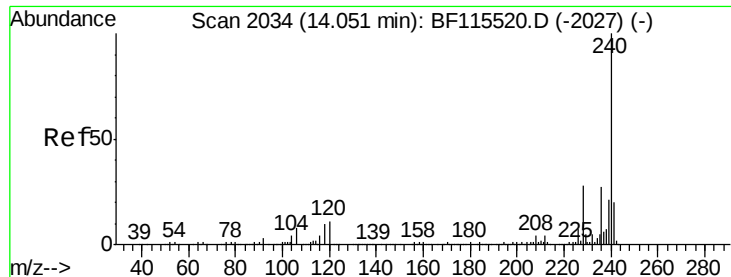


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

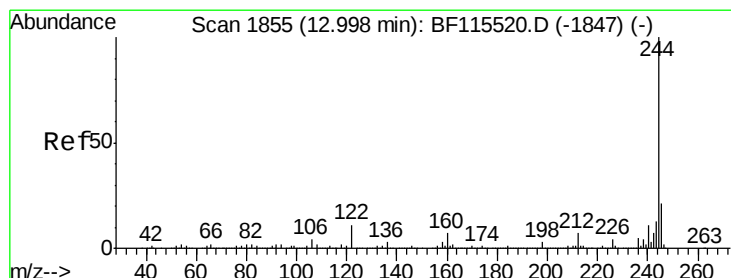
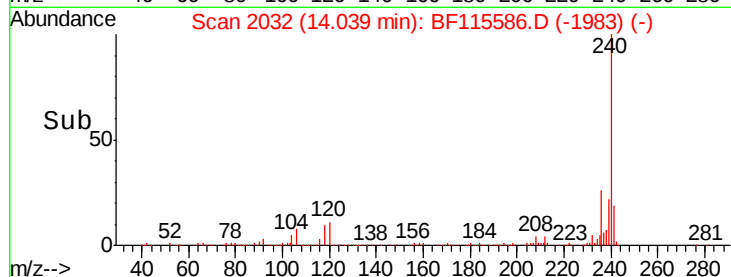
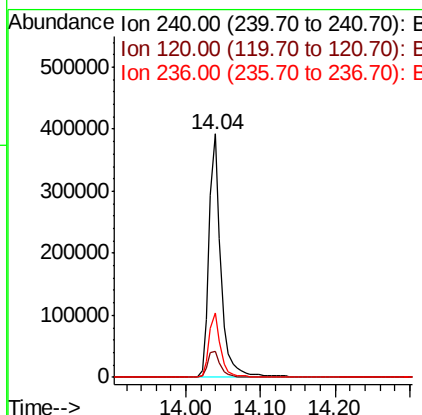
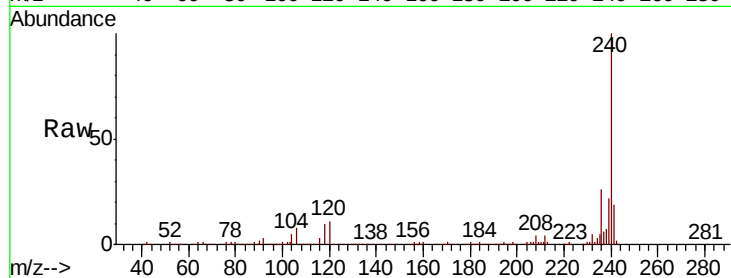




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115586.D
 Acq: 16 Jul 2019 9:59

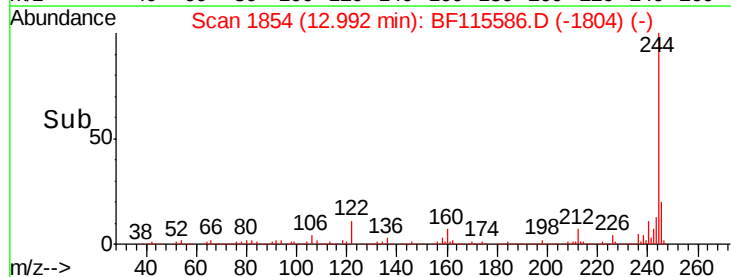
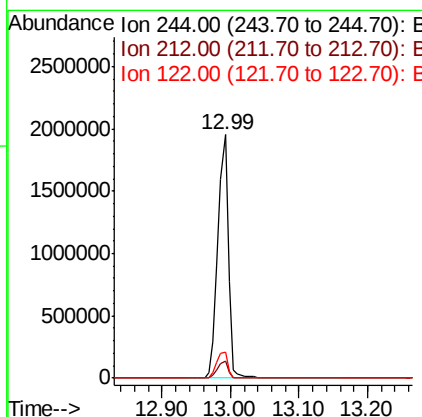
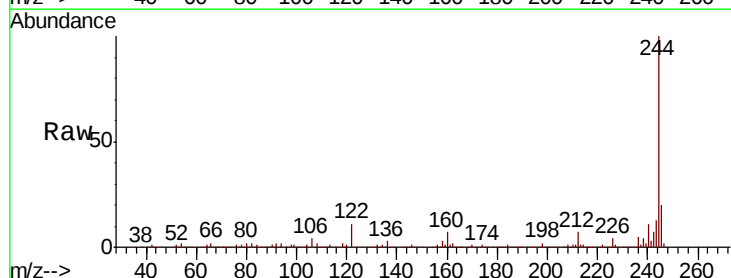
Instrument :
 BNA_F
 ClientSampled :

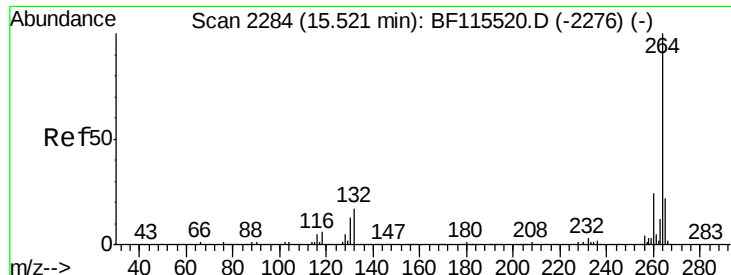
Tot Ion:240 Resp: 432753
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.6 13.0
 236 26.3 21.3 31.9



#79
 Terphenyl-d14
 Concen: 87.210 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115586.D
 Acq: 16 Jul 2019 9:59

Tgt Ion:244 Resp: 2045362
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 10.9 8.6 12.8

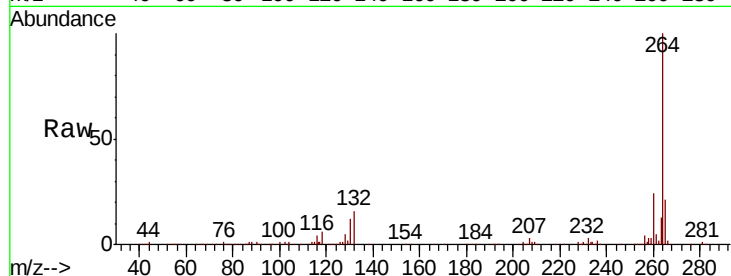




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF115586.D
Acq: 16 Jul 2019 9:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.8
265	20.8	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

