

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
 Data File : BF115646.D
 Acq On : 18 Jul 2019 14:05
 Operator : HP/JU
 Sample : PB121479BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 18 16:41:03 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

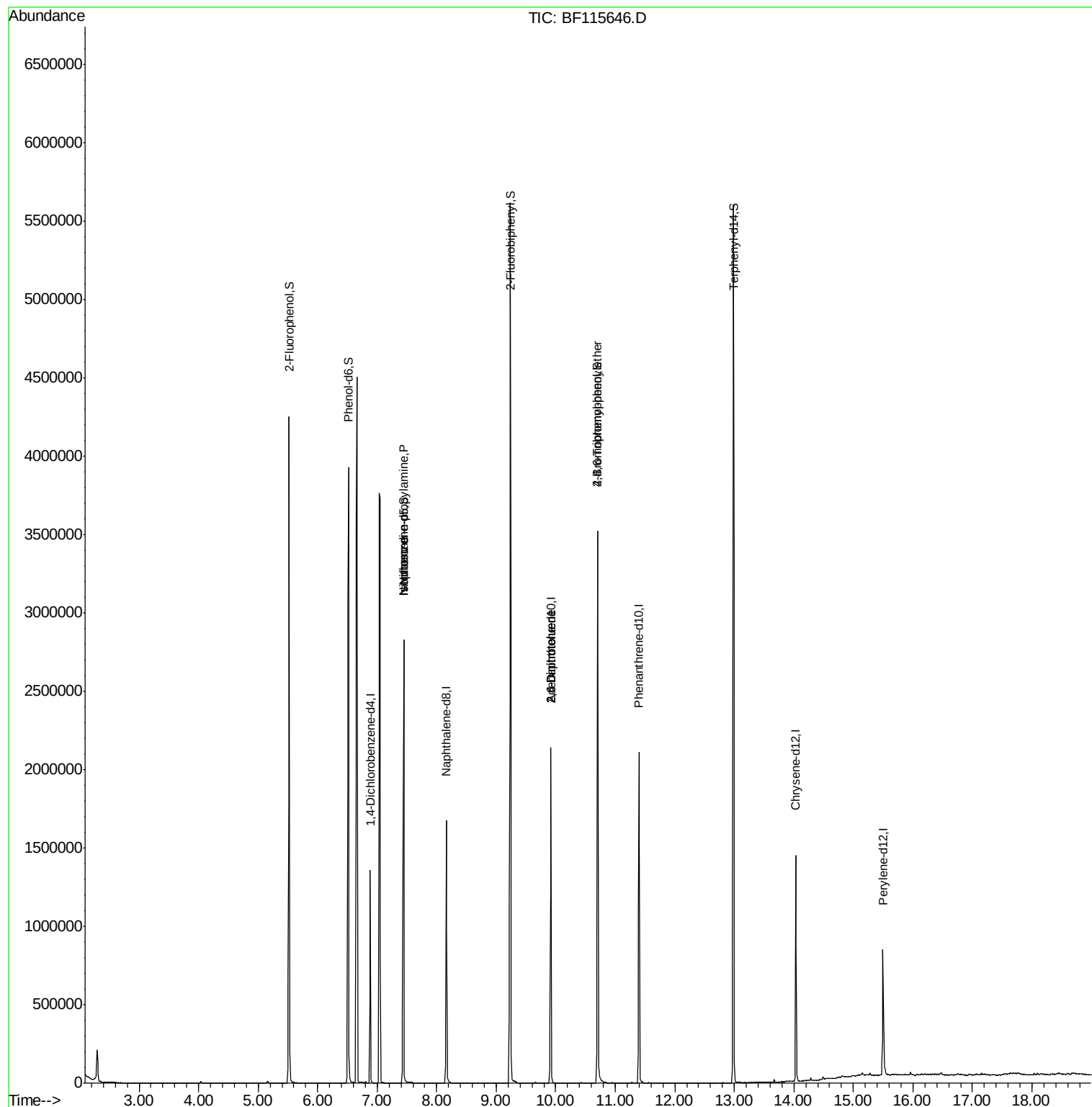
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	200903	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	803978	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	414028	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	767731	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	461933	20.00	ng	-0.02
87) Perylene-d12	15.50	264	408617	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1403420	114.26	ng	0.02
7) Phenol-d6	6.52	99	1849817	118.69	ng	0.00
23) Nitrobenzene-d5	7.45	82	1182358	85.51	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	542712	112.30	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2082444	88.03	ng	-0.01
79) Terphenyl-d14	12.99	244	2214886	88.47	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	158938	15.637	ng	# 78
25) Isophorone	7.45	82	1161434	41.978	ng	# 64
51) 2,6-Dinitrotoluene	9.92	165	52915	7.475	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	52915	5.770	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	33112	3.774	ng	# 1

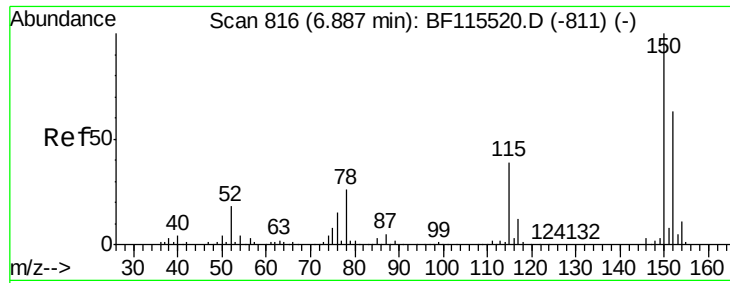
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



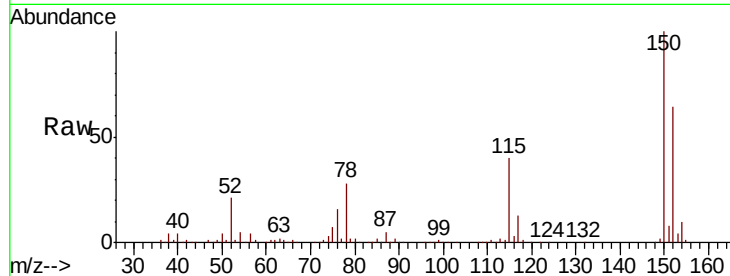


#1

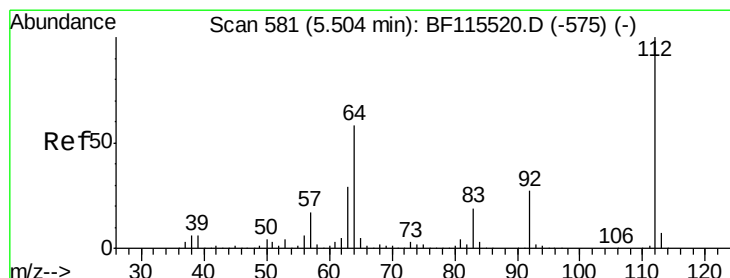
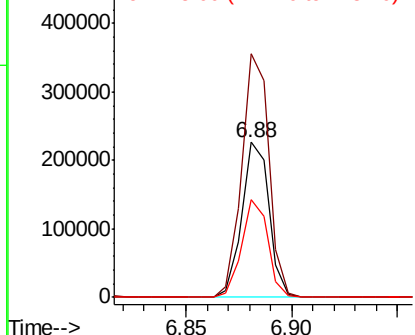
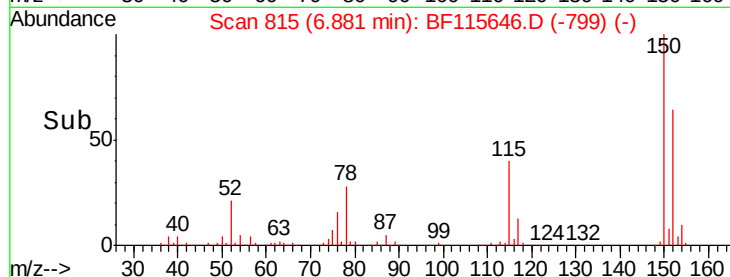
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115646.D
Acq: 18 Jul 2019 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 200903
Ion Ratio Lower Upper
152 100
150 157.0 129.7 194.5
115 62.9 48.2 72.4



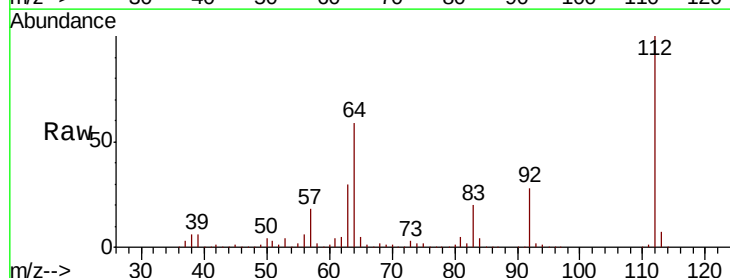
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



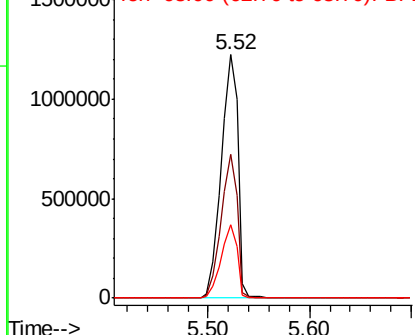
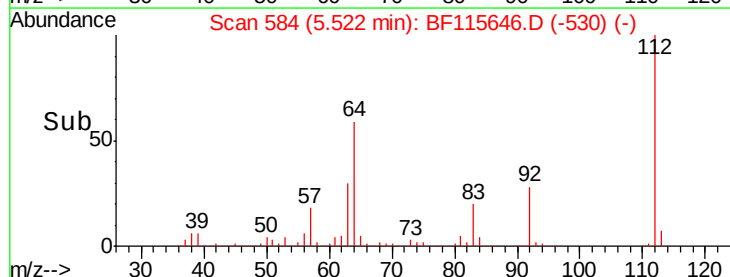
#5

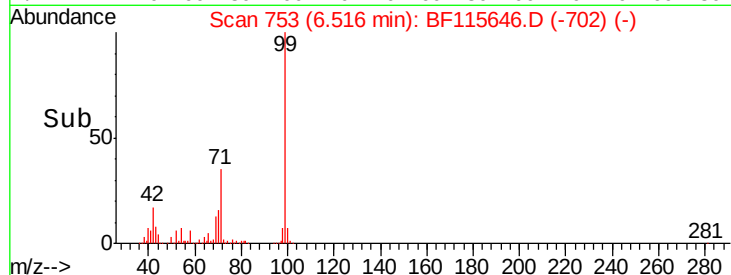
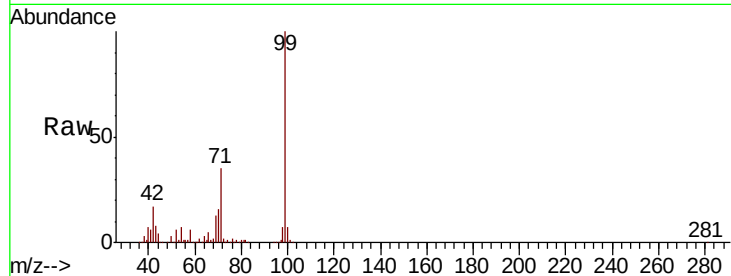
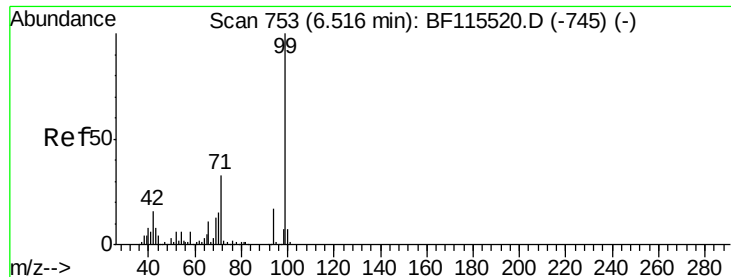
2-Fluorophenol
Concen: 114.264 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.02 min
Lab File: BF115646.D
Acq: 18 Jul 2019 14:05

Tgt Ion:112 Resp: 1403420
Ion Ratio Lower Upper
112 100
64 59.0 46.8 70.2
63 30.2 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: 118.693 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115646.D

Acq: 18 Jul 2019 14:05

Instrument :

BNA_F

ClientSampleId :

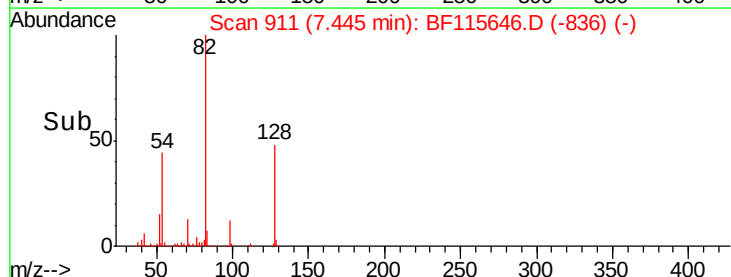
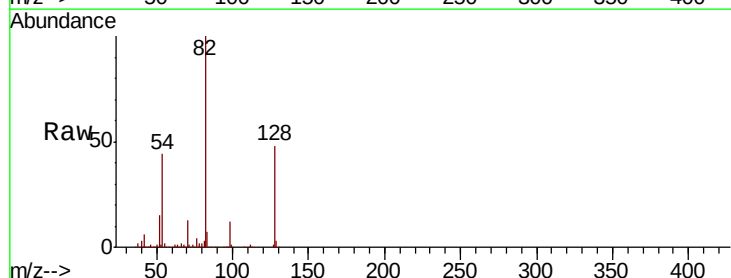
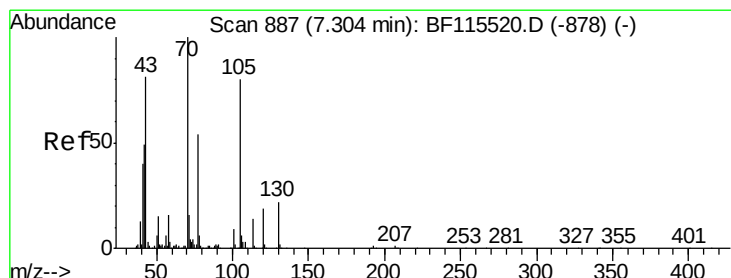
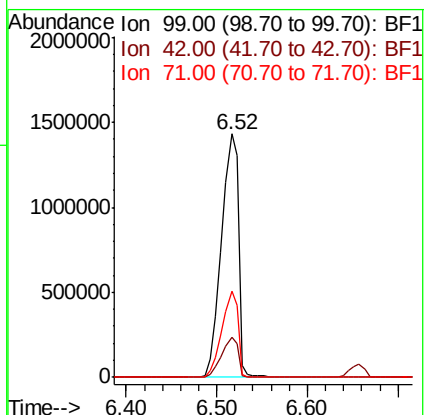
Tot Ion: 99 Resp: 1849817

Ion Ratio Lower Upper

99 100

42 16.7 13.6 20.4

71 35.3 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.637 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF115646.D

Acq: 18 Jul 2019 14:05

Tgt Ion: 70 Resp: 158938

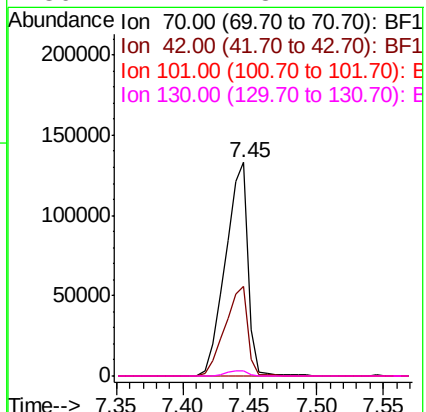
Ion Ratio Lower Upper

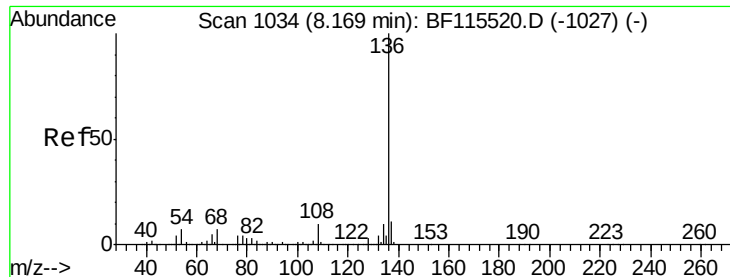
70 100

42 41.8 39.6 59.4

101 0.0 8.1 12.1#

130 2.1 18.2 27.2#

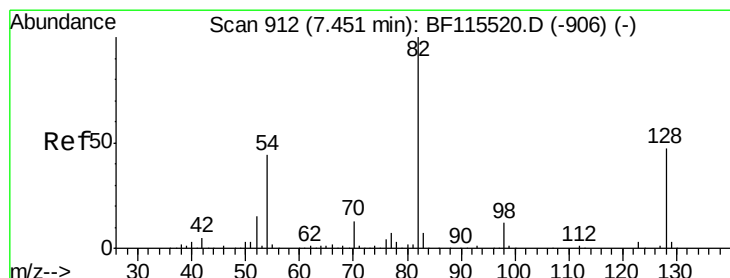
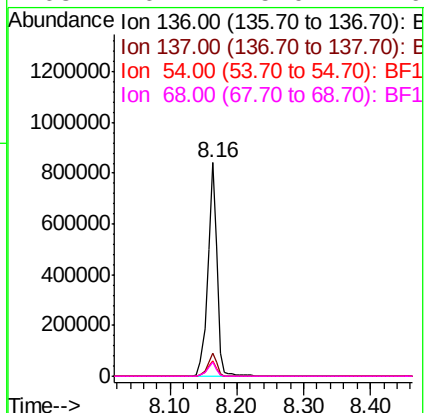
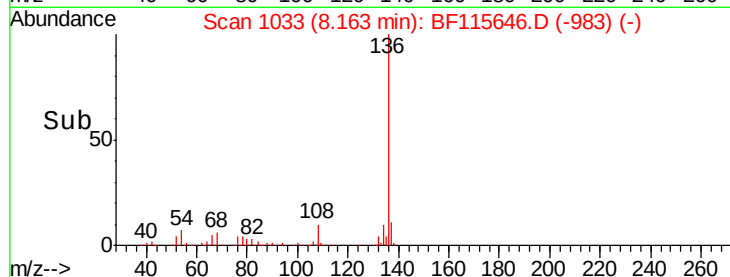
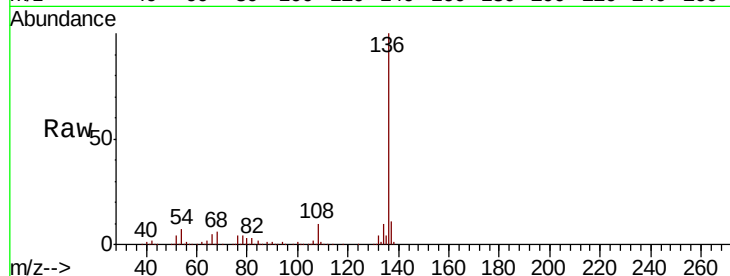




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115646.D
Acq: 18 Jul 2019 14:05

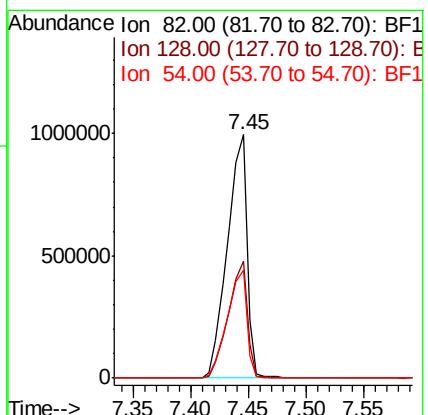
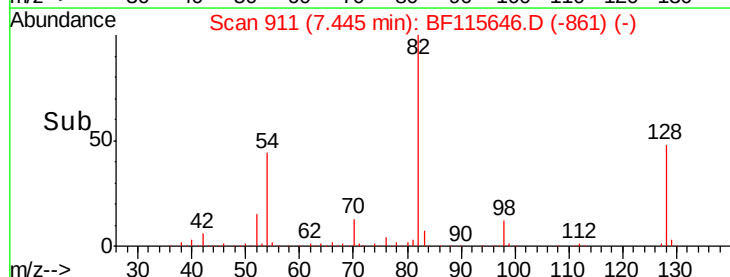
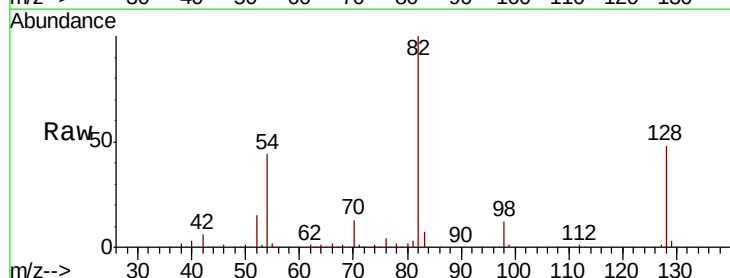
Instrument :
BNA_F
ClientSampleId :

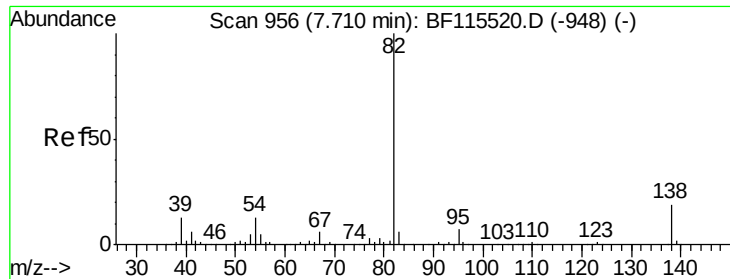
Tot Ion:136	Resp:	803978	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	9.0	13.4	
54 7.0	5.6	8.4	
68 6.4	5.0	7.6	



#23
Nitrobenzene-d5
Concen: 85.512 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115646.D
Acq: 18 Jul 2019 14:05

Tgt Ion: 82	Resp: 1182358
Ion Ratio	Lower Upper
82 100	
128 48.1	38.6 57.8
54 44.3	35.6 53.4





#25

Isophorone

Concen: 41.978 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF115646.D

Acq: 18 Jul 2019 14:05

Instrument :

BNA_F

ClientSampleId :

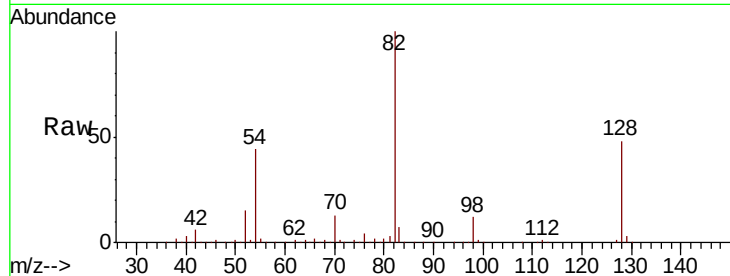
Tot Ion: 82 Resp: 1161434

Ion Ratio Lower Upper

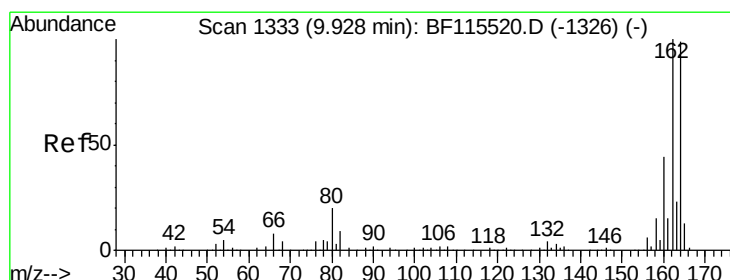
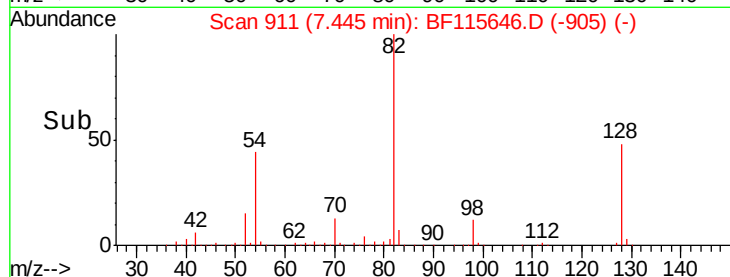
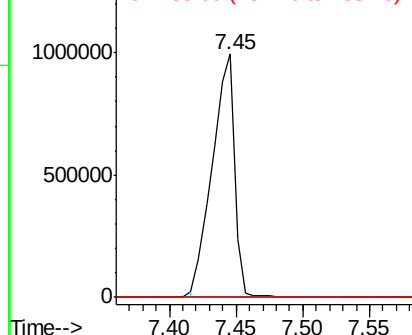
82 100

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: BF115646.D

Acq: 18 Jul 2019 14:05

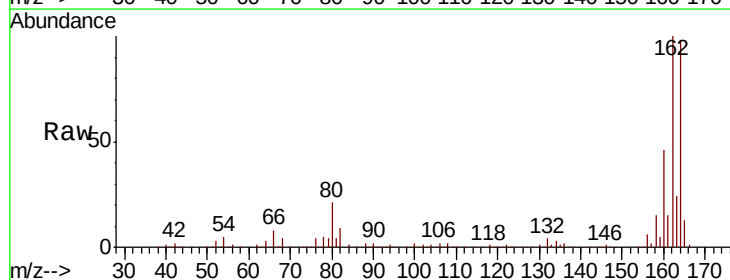
Tgt Ion:164 Resp: 414028

Ion Ratio Lower Upper

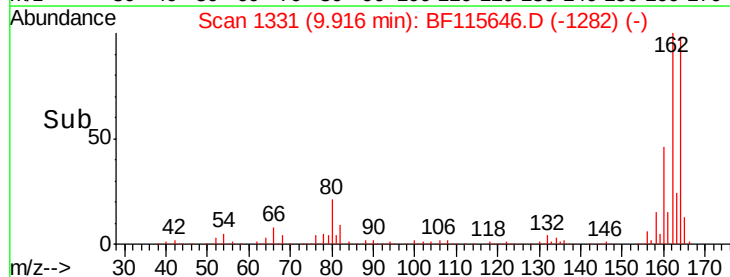
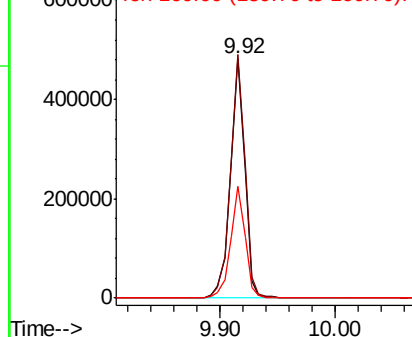
164 100

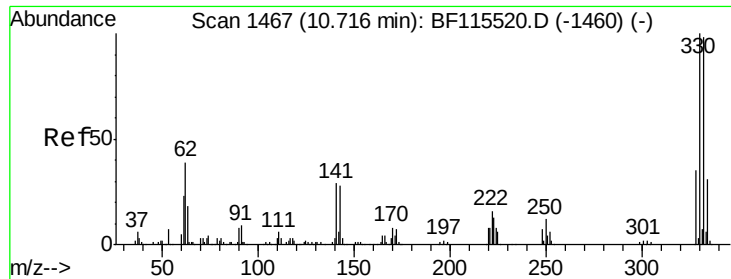
162 101.7 82.9 124.3

160 46.7 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

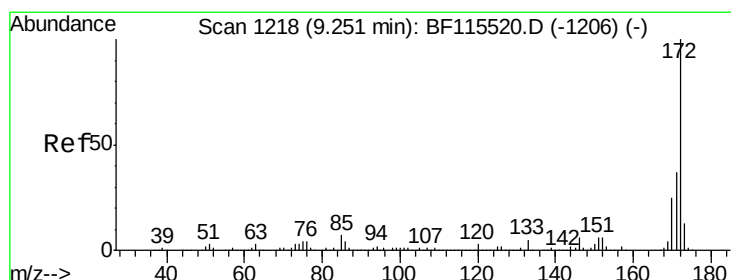
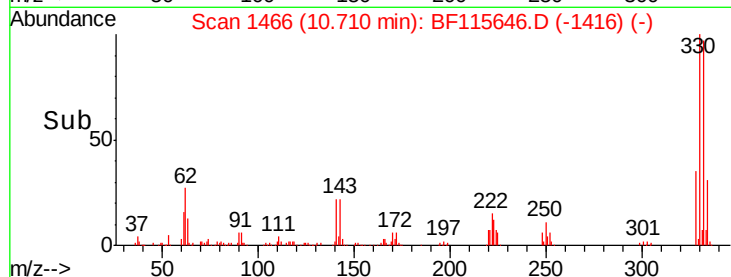
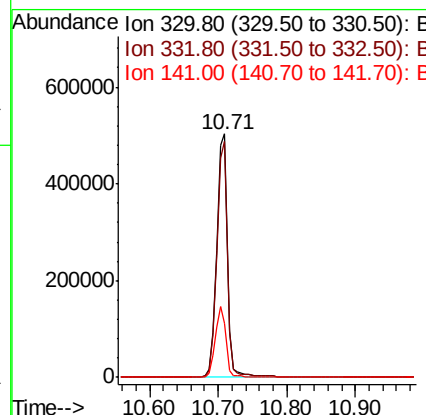
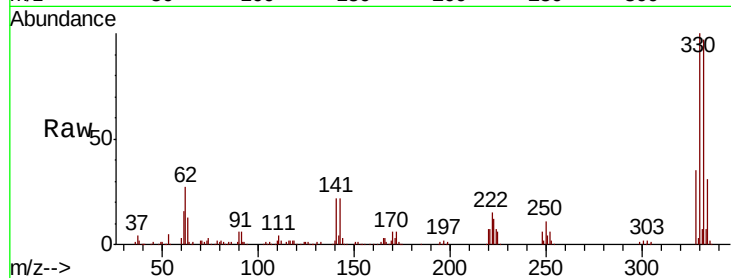




#42
 2,4,6-Tribromophenol
 Concen: 112.300 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115646.D
 Acq: 18 Jul 2019 14:05

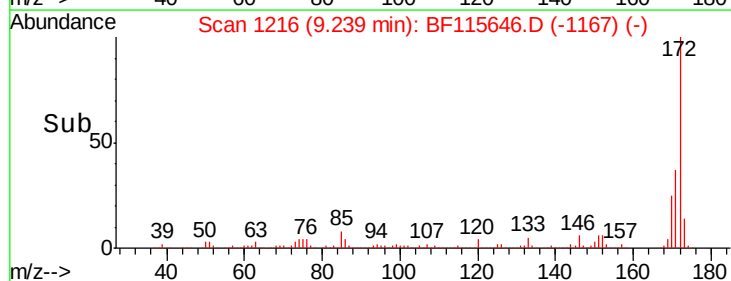
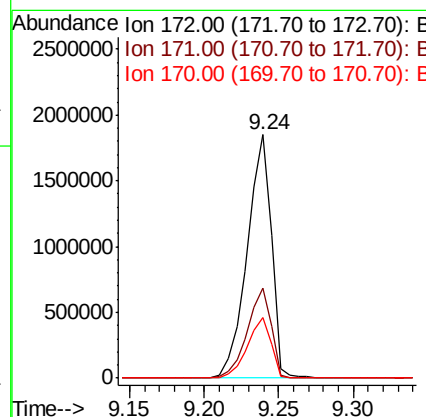
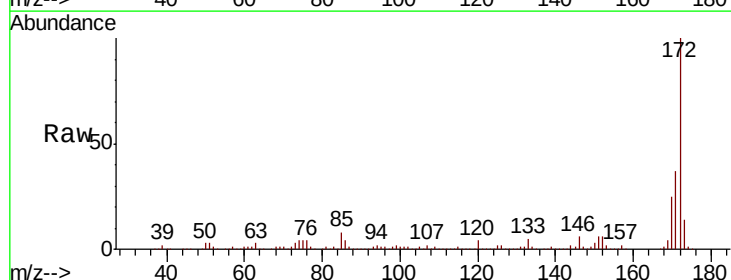
Instrument :
 BNA_F
 ClientSampleId :

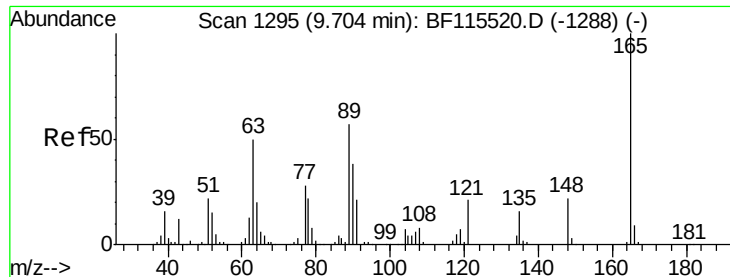
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	29.8	22.4	33.6



#45
 2-Fluorobiphenyl
 Concen: 88.034 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115646.D
 Acq: 18 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	25.1	20.5	30.7

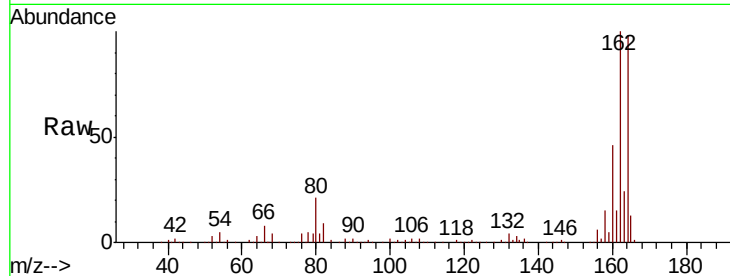




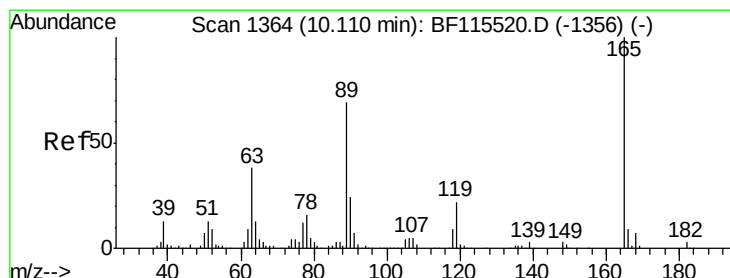
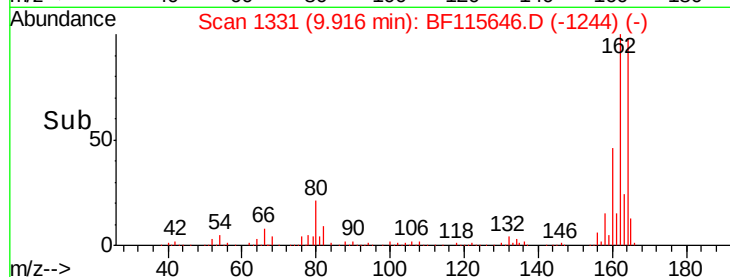
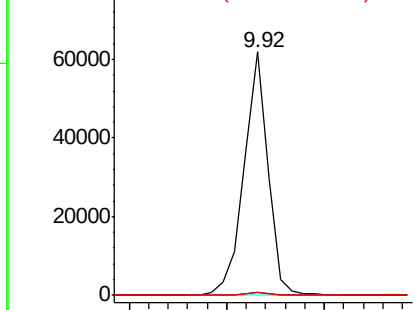
#51
 2,6-Dinitrotoluene
 Concen: 7.475 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF115646.D
 Acq: 18 Jul 2019 14:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.6	61.0#
89	1.4	43.9	65.9#



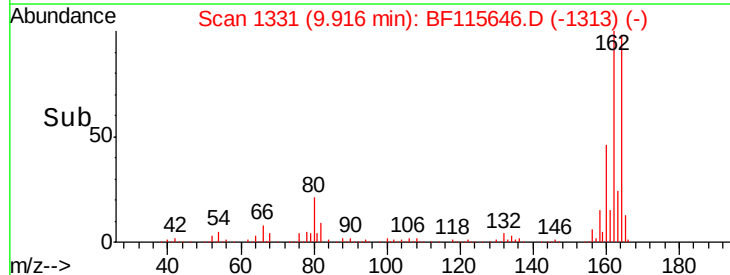
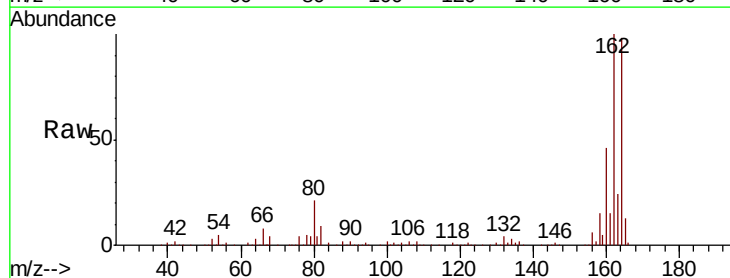
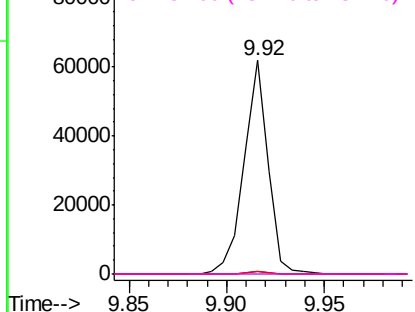
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

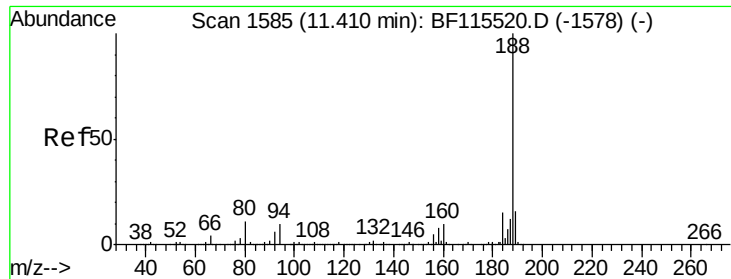


#57
 2,4-Dinitrotoluene
 Concen: 5.770 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF115646.D
 Acq: 18 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	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# 1583

Delta R.T. -0.01 min

Lab File: BF115646.D

Acq: 18 Jul 2019 14:05

Instrument :

BNA_F

ClientSampleId :

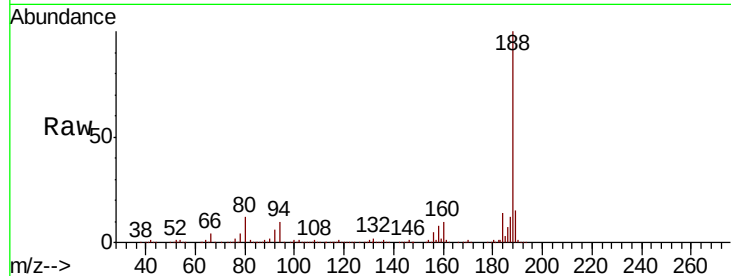
Tot Ion:188 Resp: 767731

Ion Ratio Lower Upper

188 100

94 10.2 7.8 11.6

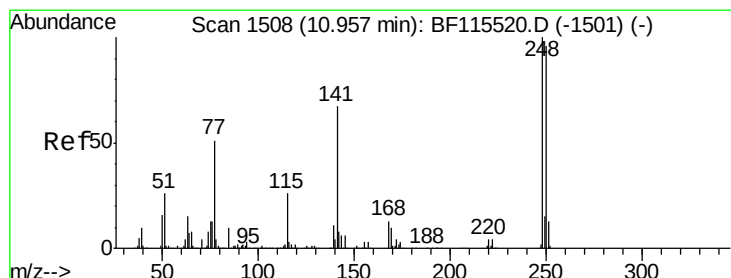
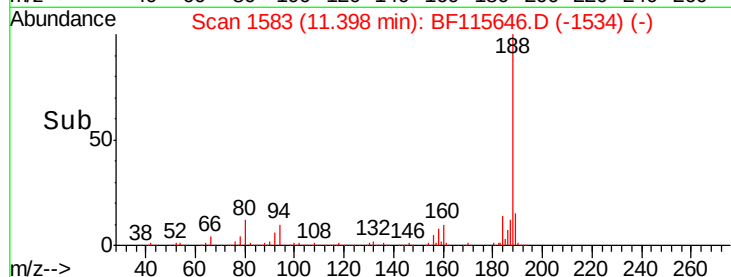
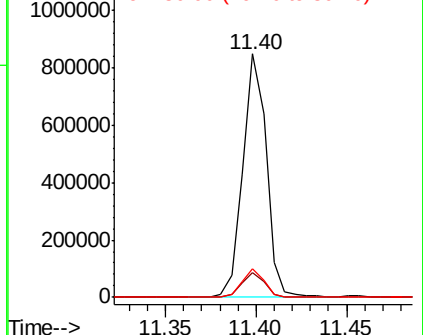
80 11.6 8.6 13.0



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: 3.774 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.25 min

Lab File: BF115646.D

Acq: 18 Jul 2019 14:05

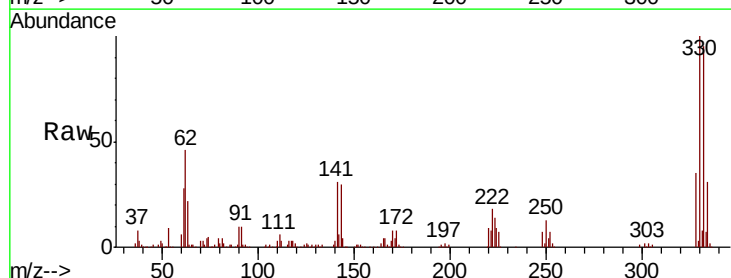
Tgt Ion:248 Resp: 33112

Ion Ratio Lower Upper

248 100

250 195.9 78.0 117.0#

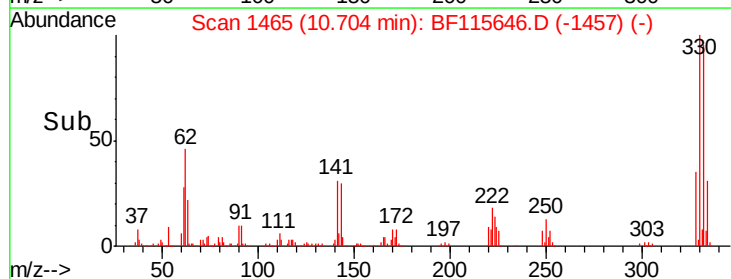
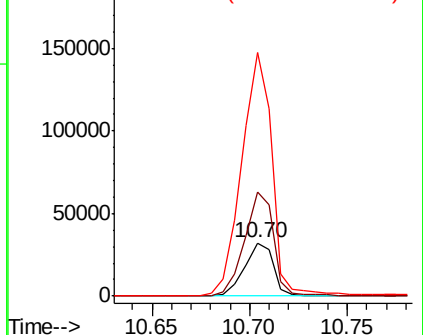
141 460.0 57.7 86.5#

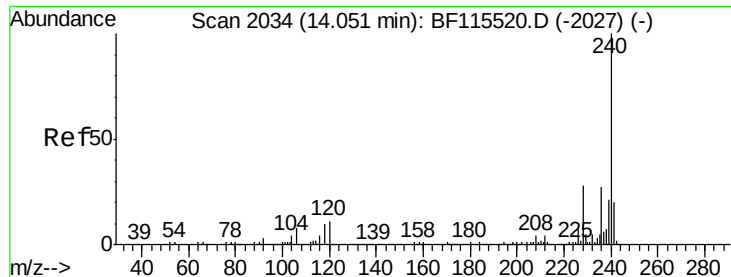


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

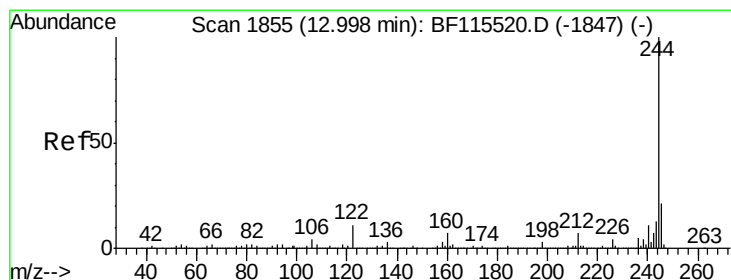
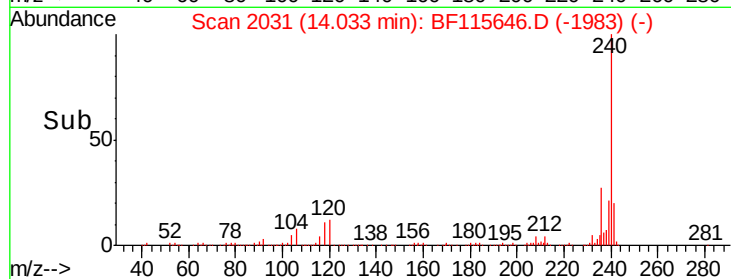
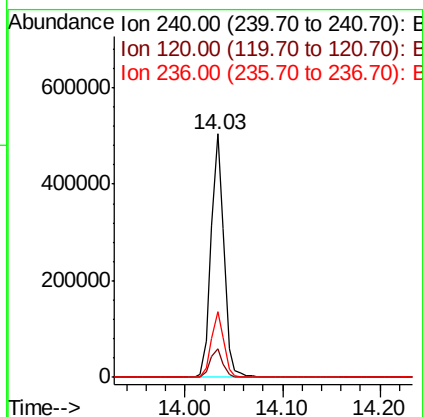
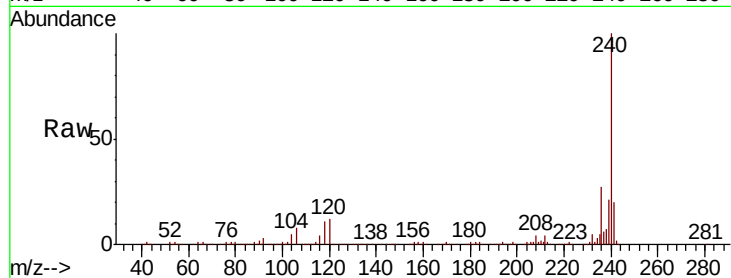




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF115646.D
 Acq: 18 Jul 2019 14:05

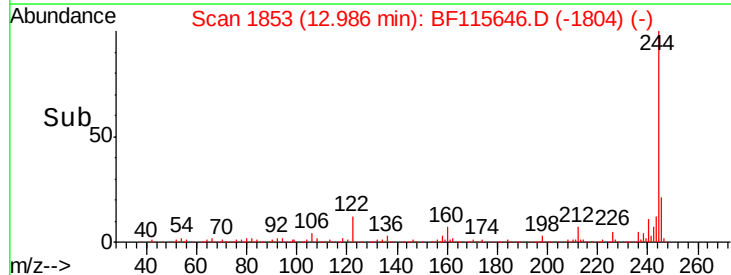
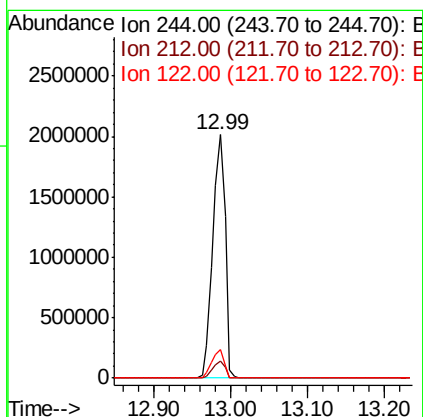
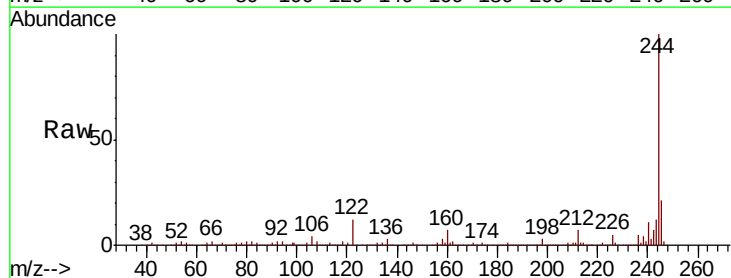
Instrument :
 BNA_F
 ClientSampleId :

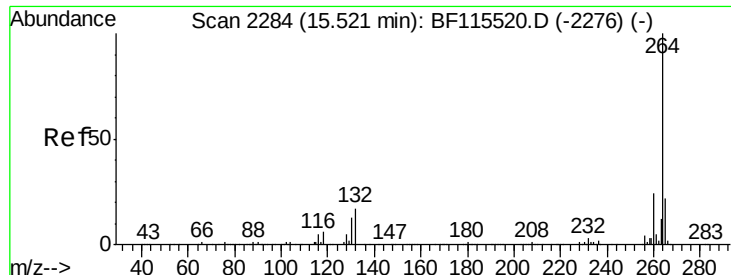
Tot Ion:240 Resp: 461933
 Ion Ratio Lower Upper
 240 100
 120 11.8 8.6 13.0
 236 27.1 21.3 31.9



#79
 Terphenyl-d14
 Concen: 88.473 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF115646.D
 Acq: 18 Jul 2019 14:05

Tgt Ion:244 Resp: 2214886
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 11.5 8.6 12.8

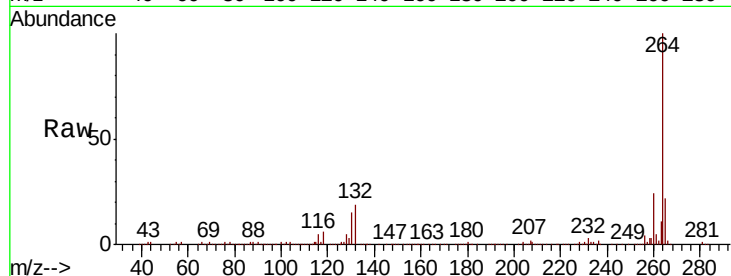




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF115646.D
Acq: 18 Jul 2019 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.8
265	22.0	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

