

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115045.D
 Acq On : 14 Jun 2019 17:45
 Operator : HP/JU
 Sample : K3369-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 15 04:51:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

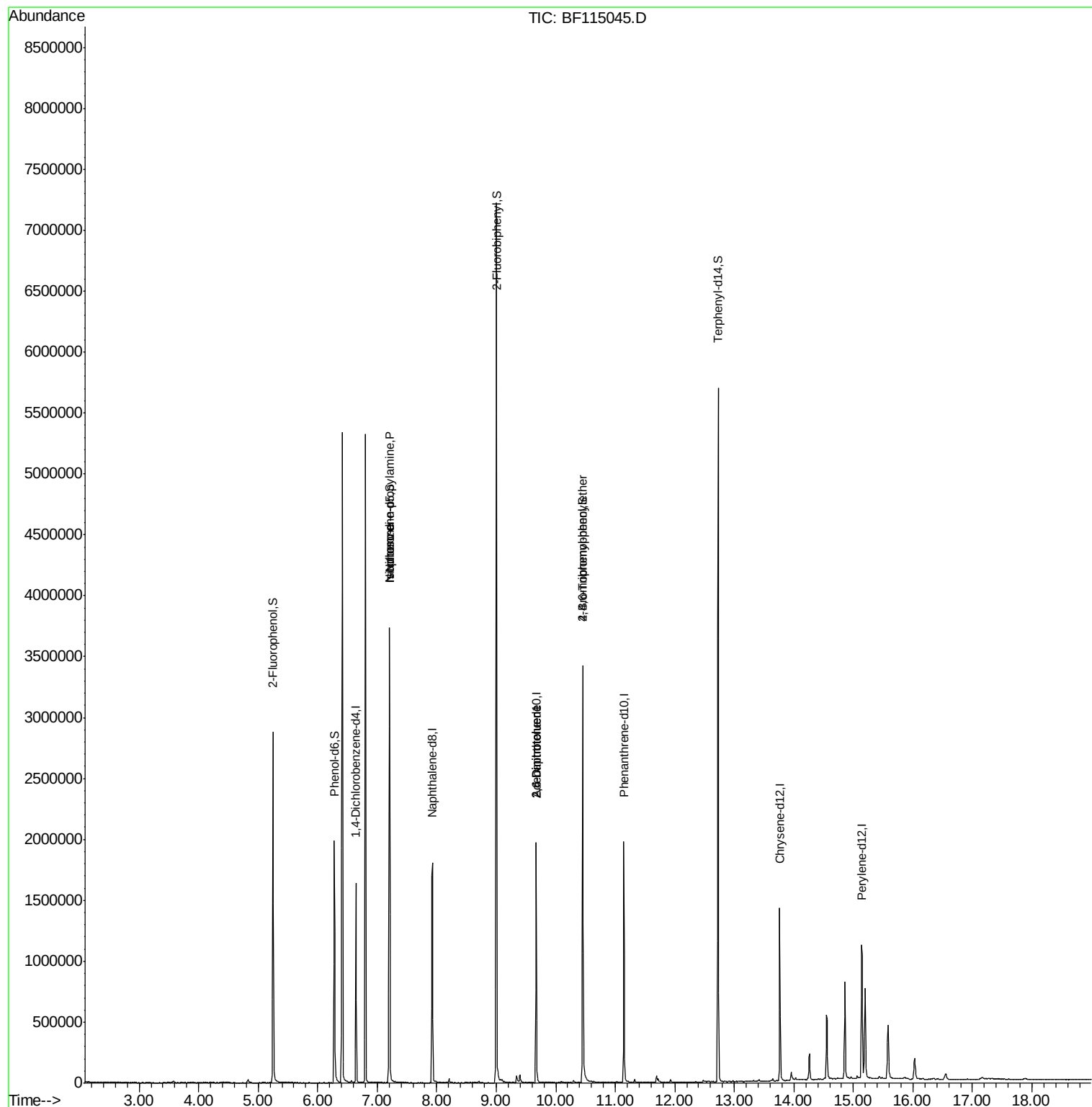
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	249932	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	935044	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	420470	20.00	ng	-0.01
64) Phenanthrene-d10	11.15	188	713734	20.00	ng	-0.01
76) Chrysene-d12	13.76	240	515073	20.00	ng	-0.02
87) Perylene-d12	15.14	264	506489	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	876049	58.53	ng	0.00
7) Phenol-d6	6.28	99	685581	37.97	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1342372	86.41	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	459726	102.10	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2410081	97.15	ng	0.00
79) Terphenyl-d14	12.73	244	2097514	76.59	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.42	77	32709	Below Cal	#	78
19) n-Nitroso-di-n-propylamine	7.21	70	177910	16.218 ng	#	77
25) Isophorone	7.21	82	1309989	45.025 ng	#	62
51) 2,6-Dinitrotoluene	9.67	165	53964	7.523 ng	#	36
57) 2,4-Dinitrotoluene	9.67	165	53964	5.911 ng	#	29
58) Fluorene	10.46	166	20884	Below Cal	#	85
67) 4-Bromophenyl-phenylether	10.46	248	30407	3.968 ng	#	1

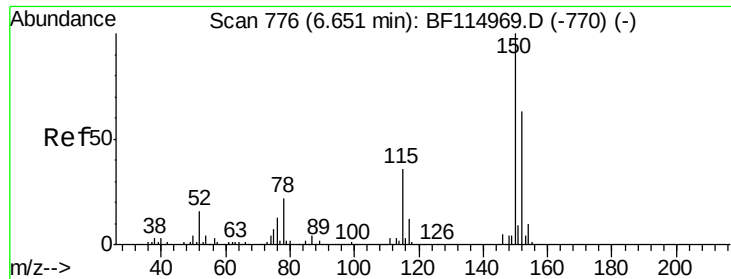
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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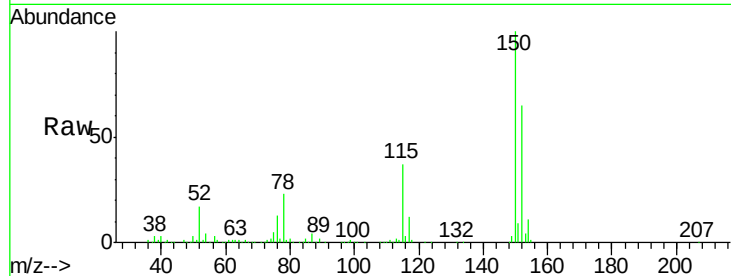


#1

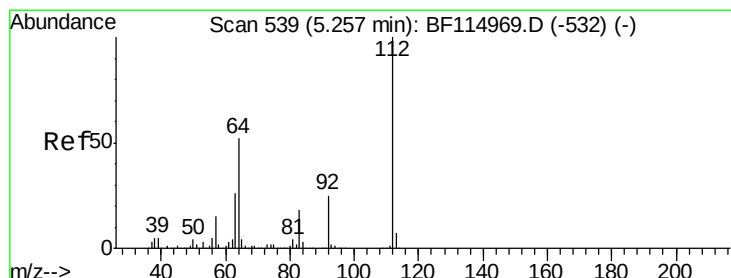
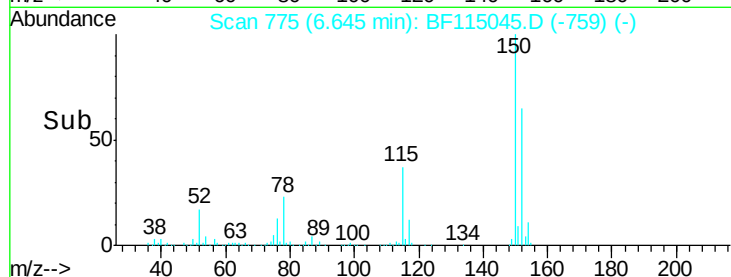
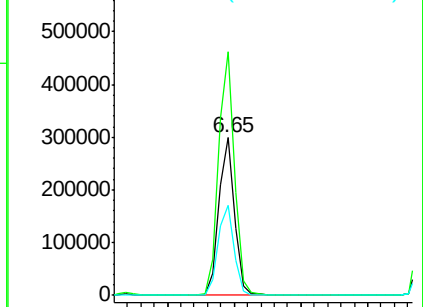
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115045.D
Acq: 14 Jun 2019 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	127.4	191.0
115	57.2	46.0	69.0



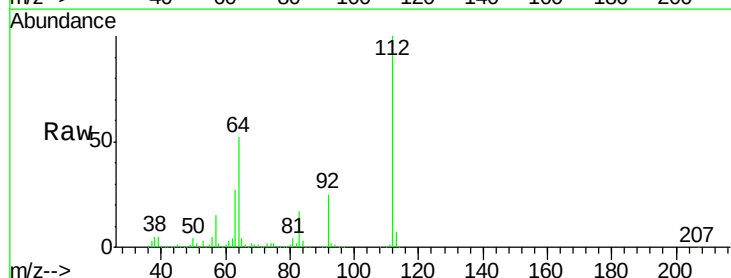
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



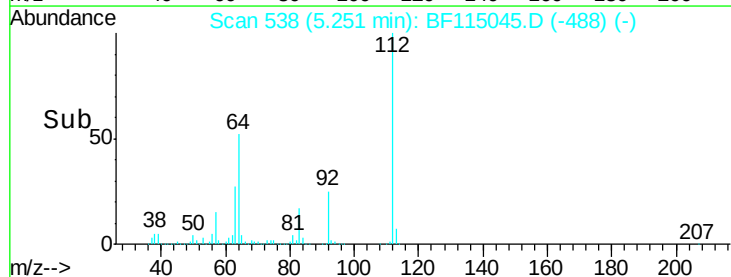
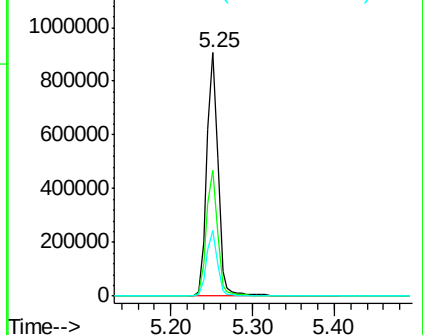
#5

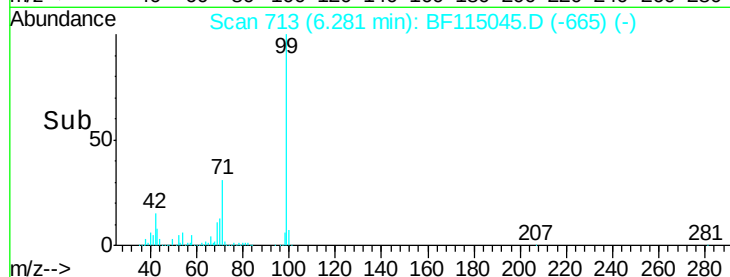
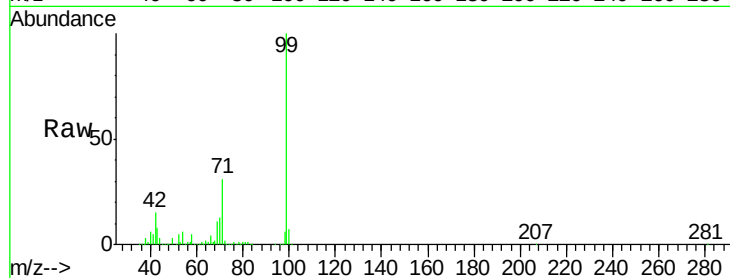
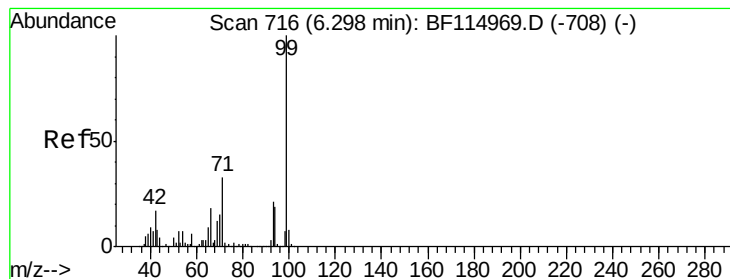
2-Fluorophenol
Concen: 58.529 ng
RT: 5.25 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF115045.D
Acq: 14 Jun 2019 17:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.9	41.6	62.4
63	26.9	20.9	31.3



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: 37.971 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF115045.D

Acq: 14 Jun 2019 17:45

Instrument :

BNA_F

ClientSampleId :

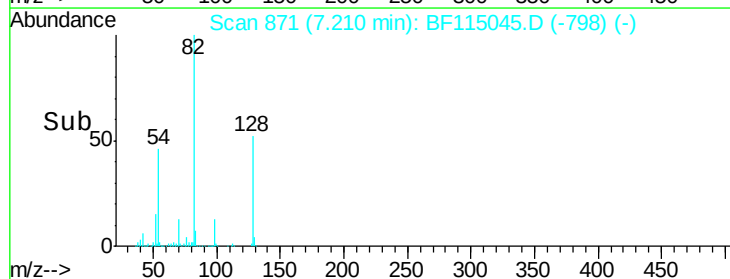
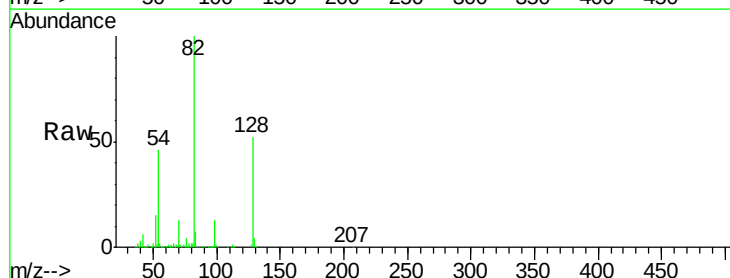
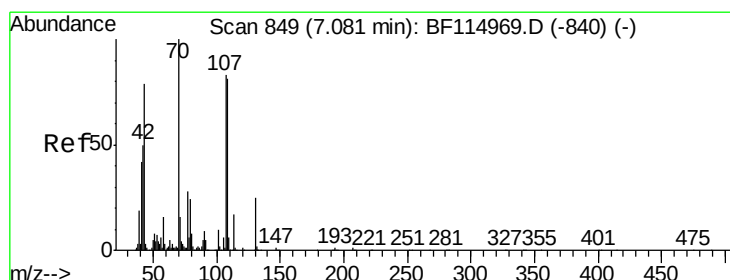
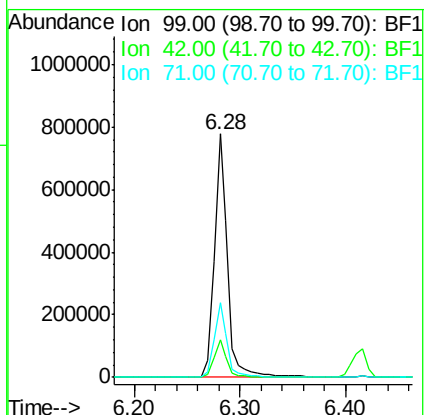
Tot Ion: 99 Resp: 685581

Ion Ratio Lower Upper

99 100

42 15.4 13.4 20.2

71 30.8 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 16.218 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF115045.D

Acq: 14 Jun 2019 17:45

Tgt Ion: 70 Resp: 177910

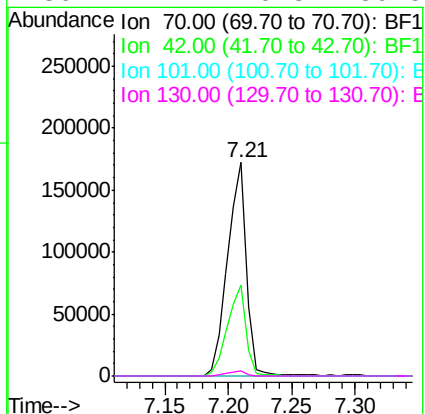
Ion Ratio Lower Upper

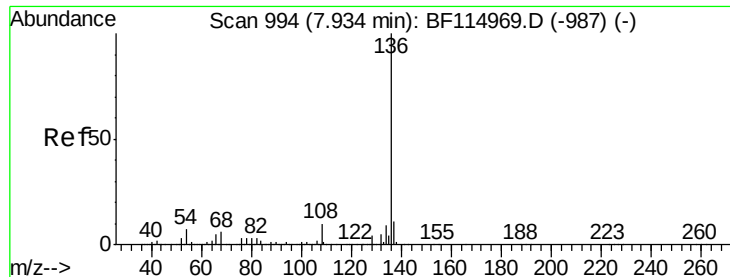
70 100

42 42.5 40.3 60.5

101 0.0 8.2 12.4#

130 2.4 20.3 30.5#

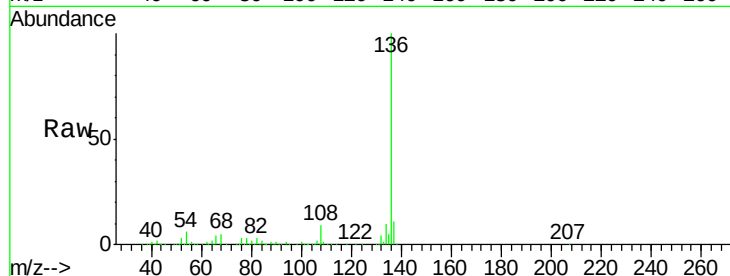




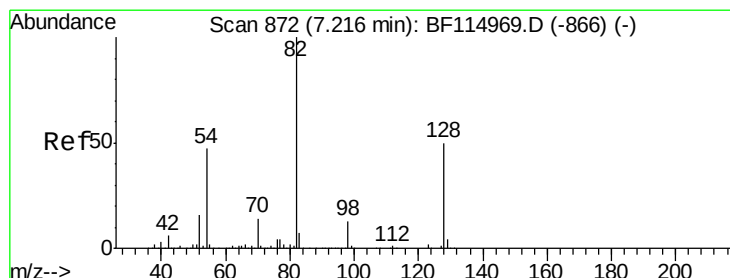
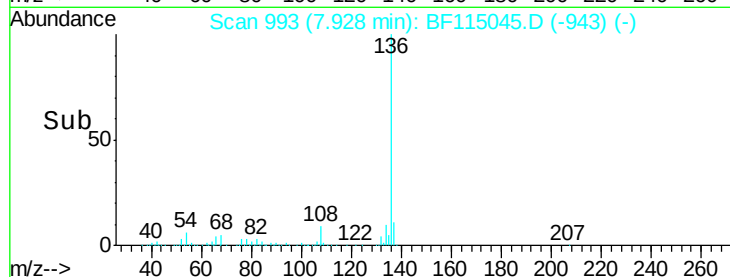
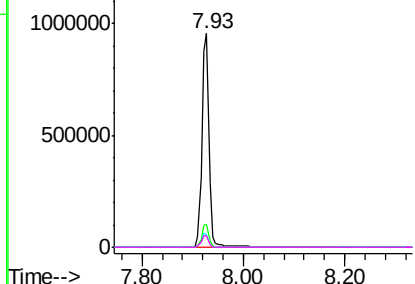
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115045.D
Acq: 14 Jun 2019 17:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	935044
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.4
54	5.8	5.4 8.0
68	5.2	4.6 7.0

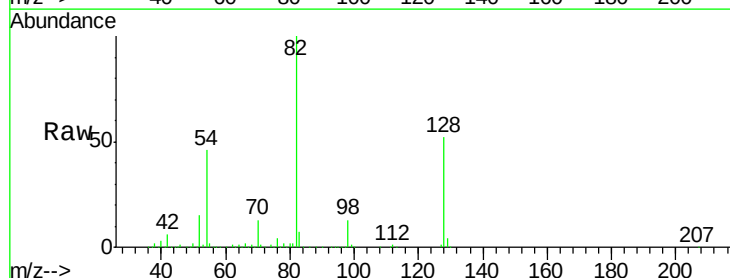


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

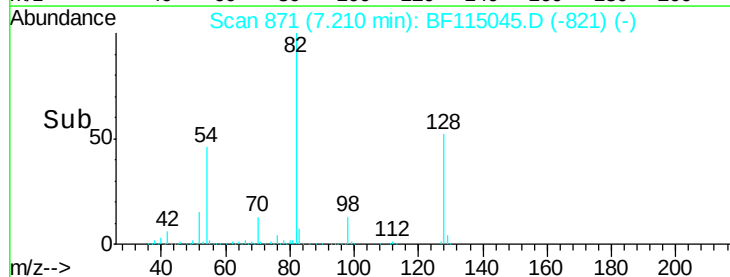
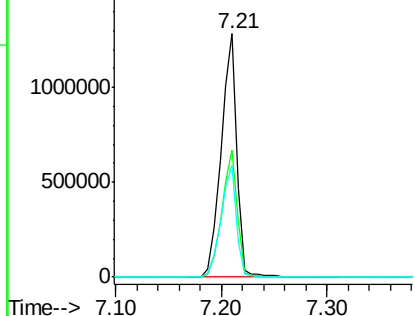


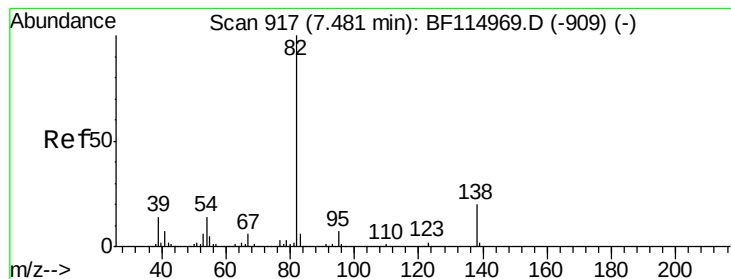
#23
Nitrobenzene-d5
Concen: 86.413 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115045.D
Acq: 14 Jun 2019 17:45

Tgt Ion: 82	Resp:	1342372
Ion Ratio	Lower	Upper
82	100	
128	52.0	39.9 59.9
54	45.9	37.3 55.9



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: 45.025 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.27 min

Lab File: BF115045.D

Acq: 14 Jun 2019 17:45

Instrument :

BNA_F

ClientSampleId :

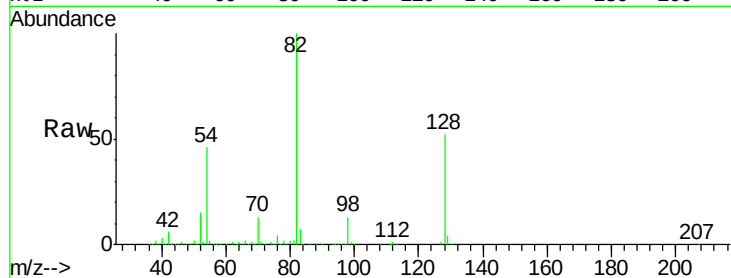
Tot Ion: 82 Resp: 1309989

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

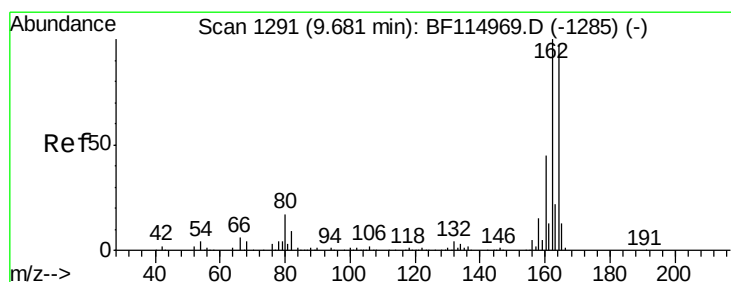
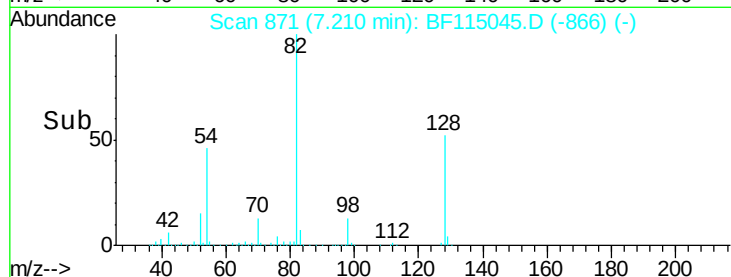
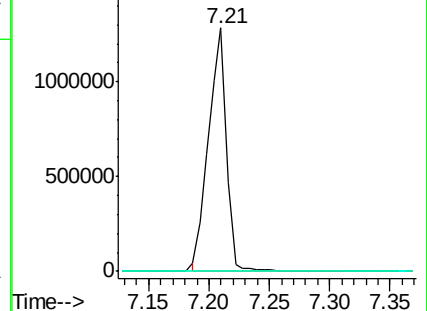
138 0.0 16.1 24.1#



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: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF115045.D

Acq: 14 Jun 2019 17:45

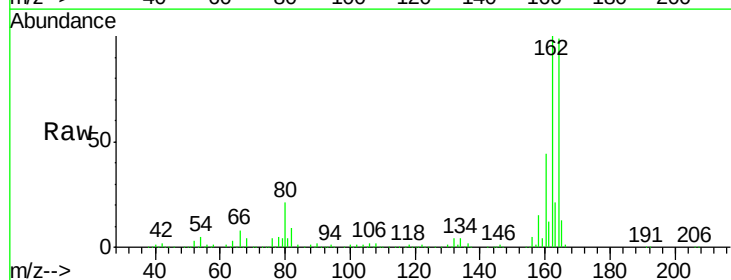
Tgt Ion:164 Resp: 420470

Ion Ratio Lower Upper

164 100

162 101.1 82.6 124.0

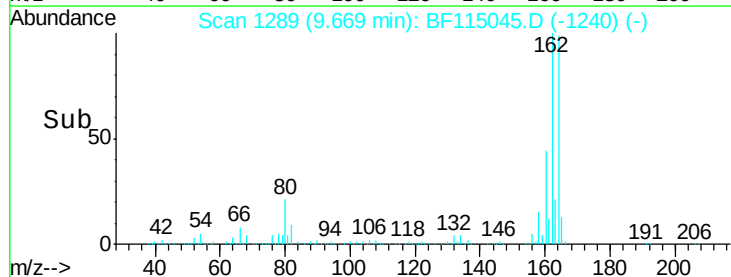
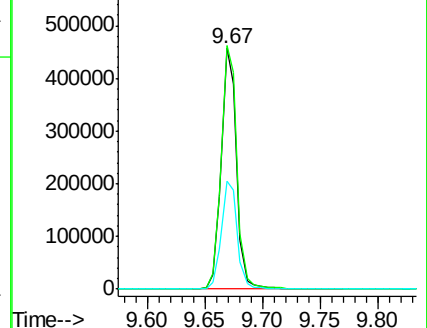
160 44.6 36.9 55.3

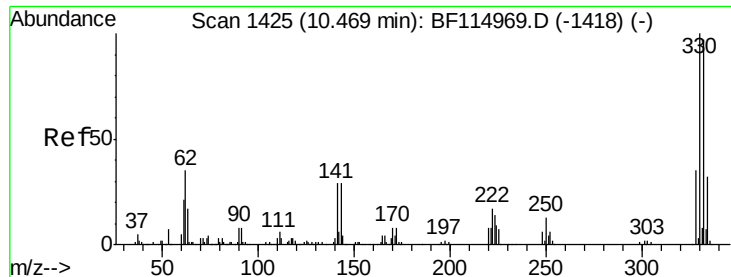


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 102.101 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF115045.D

Acq: 14 Jun 2019 17:45

Instrument :

BNA_F

ClientSampleId :

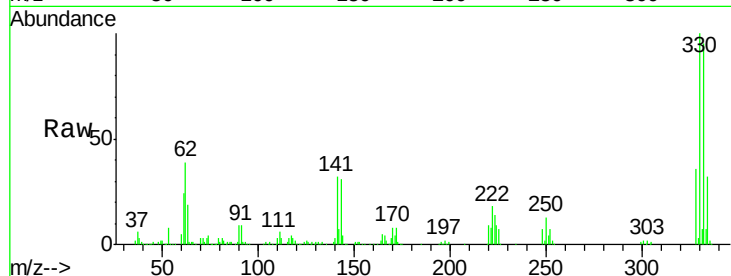
Tot Ion:330 Resp: 459726

Ion Ratio Lower Upper

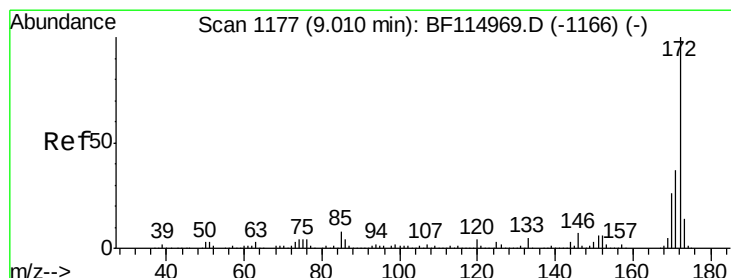
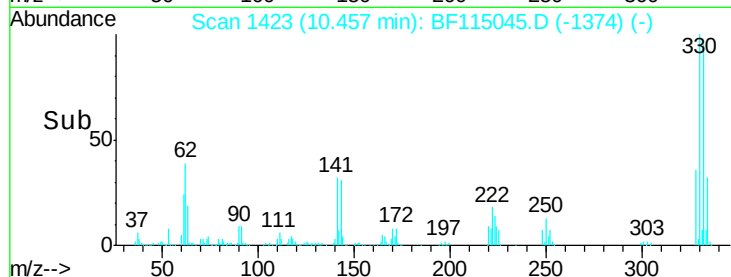
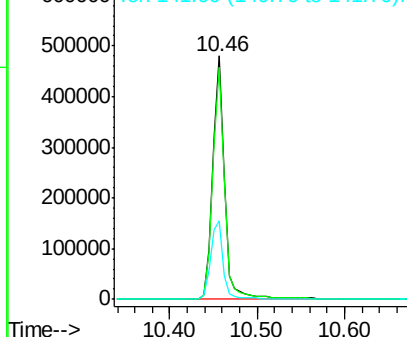
330 100

332 96.6 77.6 116.4

141 34.3 27.2 40.8



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: 97.146 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF115045.D

Acq: 14 Jun 2019 17:45

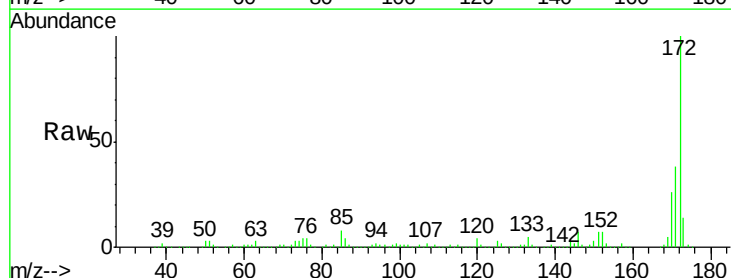
Tgt Ion:172 Resp: 2410081

Ion Ratio Lower Upper

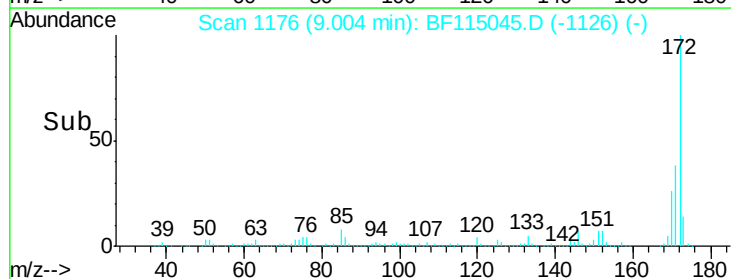
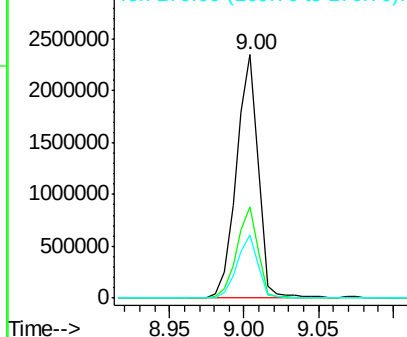
172 100

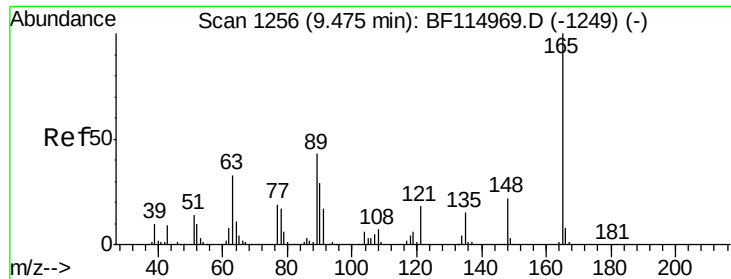
171 37.7 29.8 44.6

170 25.9 20.6 31.0



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: 7.523 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.19 min

Lab File: BF115045.D

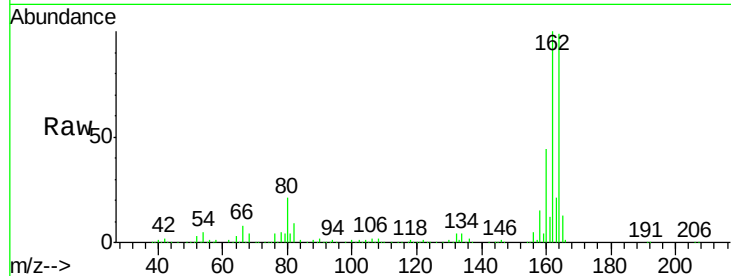
Acq: 14 Jun 2019 17:45

Instrument :

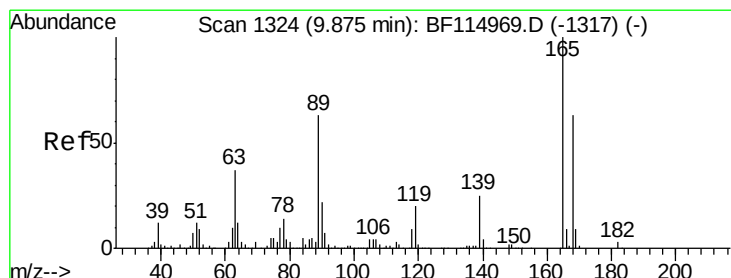
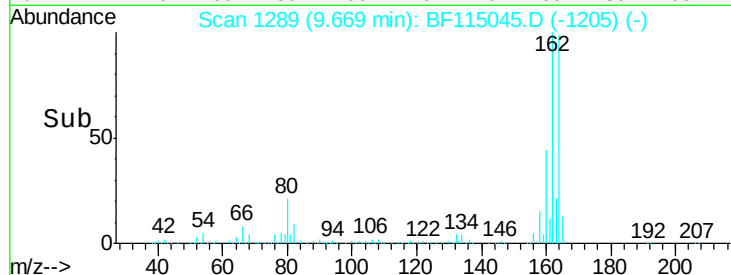
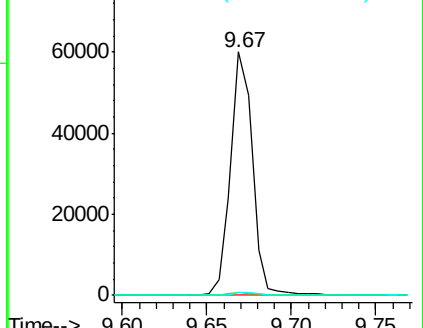
BNA_F

ClientSampleId :

Tot Ion:165	Resp:	53964
Ion Ratio	Lower	Upper
165	100	
63	1.0	30.6 46.0#
89	1.2	34.4 51.6#



Abundance Ion 165.00 (164.70 to 165.70): E



#57

2,4-Dinitrotoluene

Concen: 5.911 ng

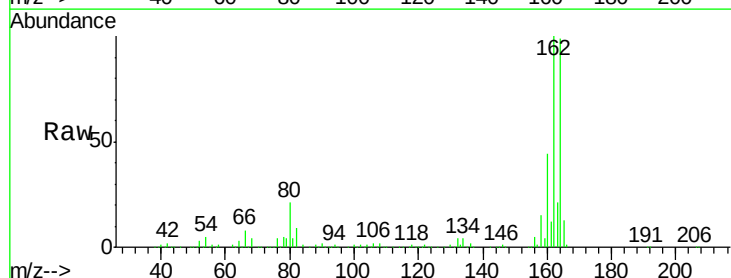
RT: 9.67 min Scan# 1289

Delta R.T. -0.21 min

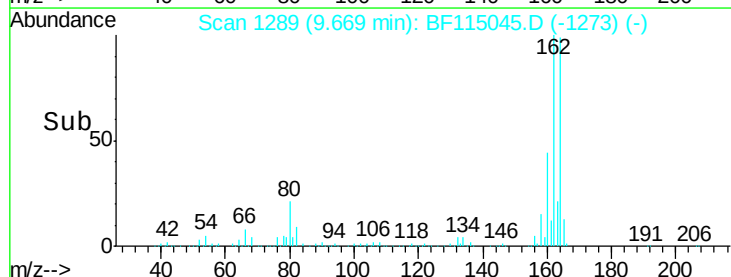
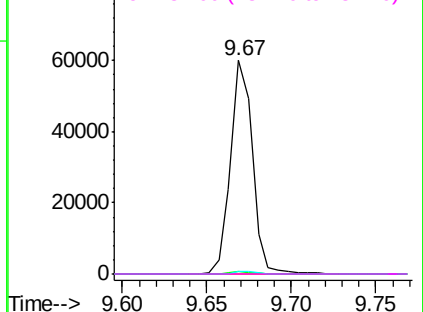
Lab File: BF115045.D

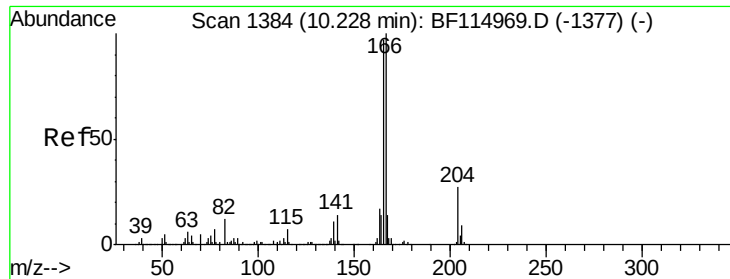
Acq: 14 Jun 2019 17:45

Tgt Ion:165	Resp:	53964
Ion Ratio	Lower	Upper
165	100	
63	1.0	29.4 44.2#
89	1.2	50.6 75.8#
182	0.0	2.2 3.2#



Abundance Ion 165.00 (164.70 to 165.70): E

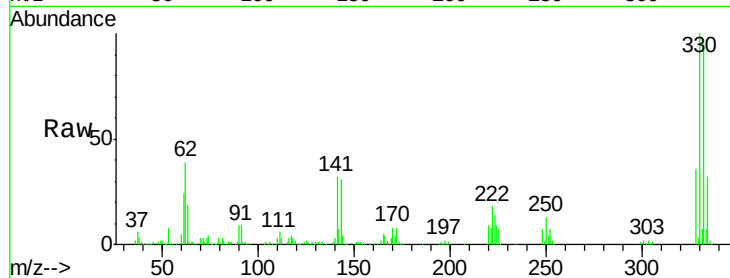




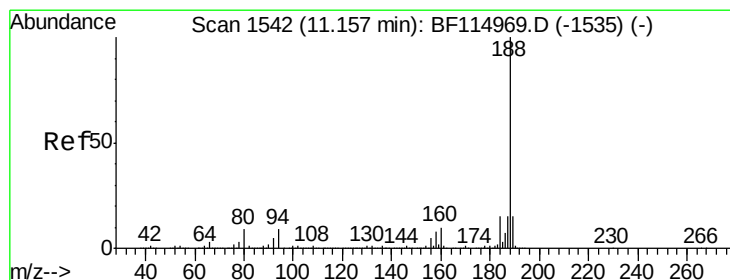
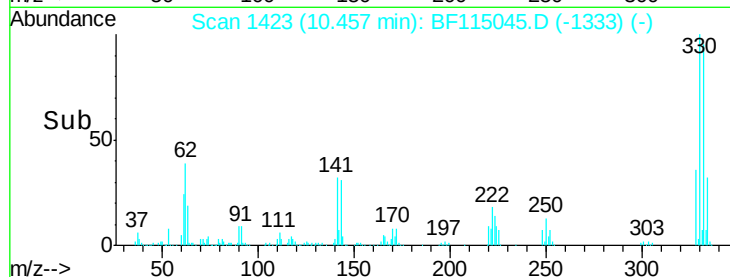
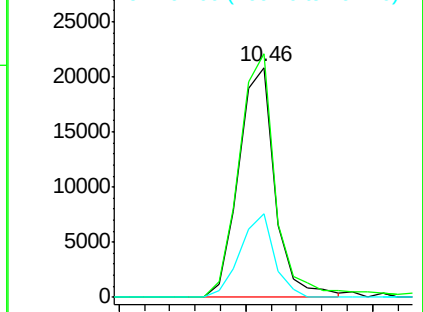
#58
 Fluorene
 Concen: Below Cal
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.23 min
 Lab File: BF115045.D
 Acq: 14 Jun 2019 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 20884
 Ion Ratio Lower Upper
 166 100
 165 105.8 77.6 116.4
 167 36.4 11.0 16.4#

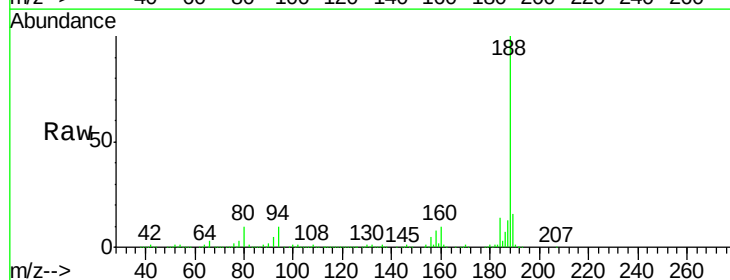


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

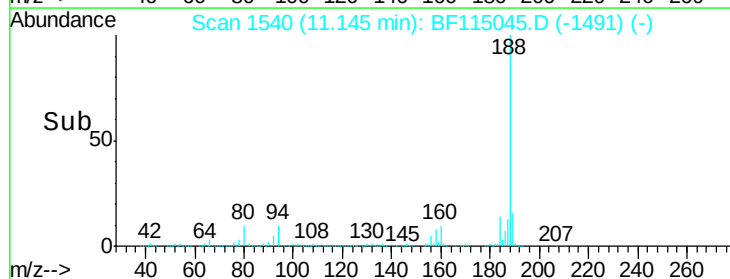
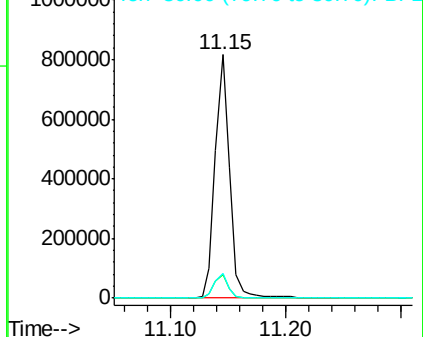


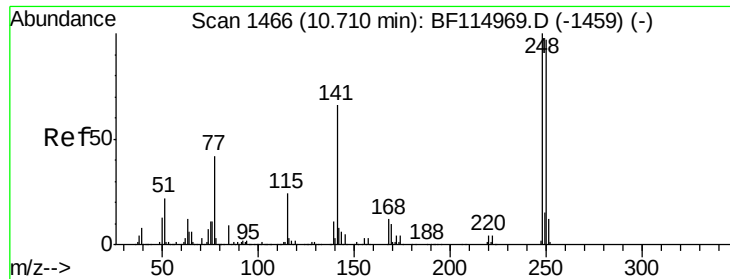
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF115045.D
 Acq: 14 Jun 2019 17:45

Tgt Ion:188 Resp: 713734
 Ion Ratio Lower Upper
 188 100
 94 9.5 7.2 10.8
 80 10.1 7.4 11.2



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

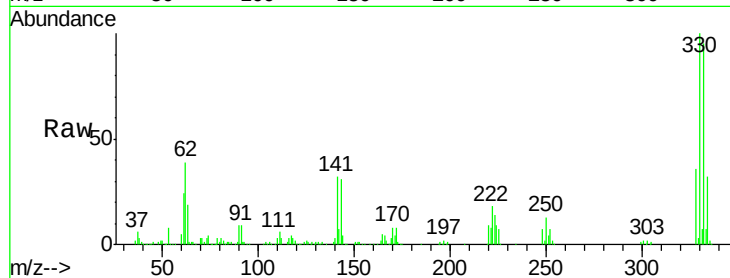




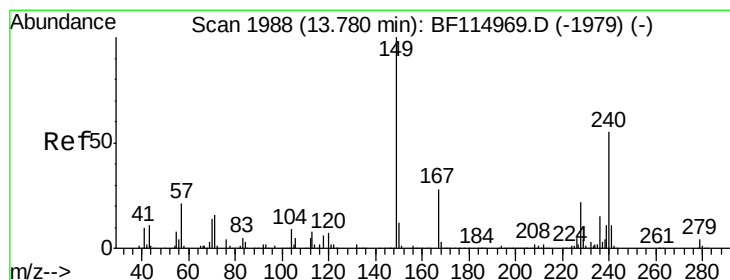
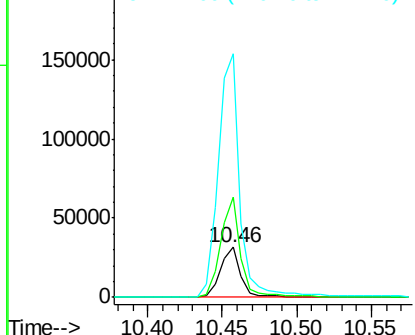
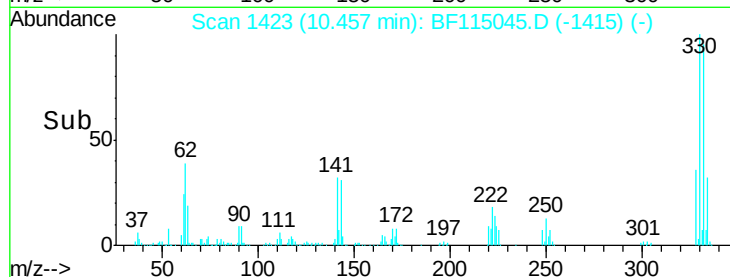
#67
4-Bromophenyl-phenylether
Concen: 3.968 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.25 min
Lab File: BF115045.D
Acq: 14 Jun 2019 17:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 30407
Ion Ratio Lower Upper
248 100
250 200.6 77.8 116.8#
141 487.4 53.1 79.7#

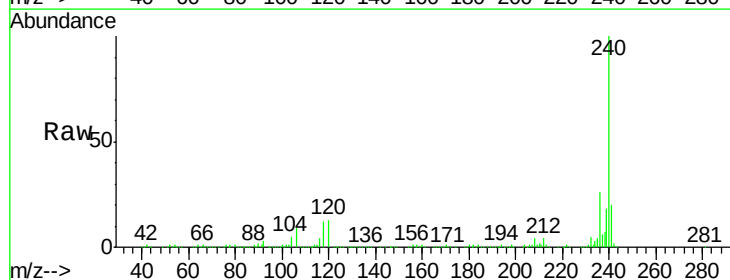


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

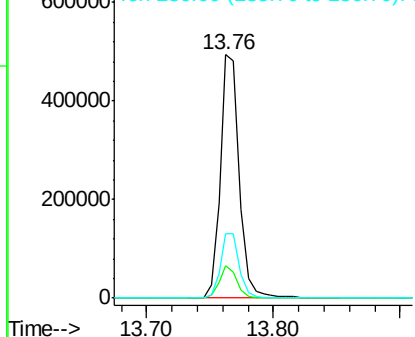
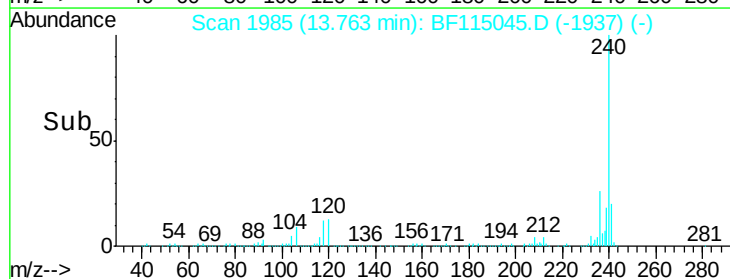


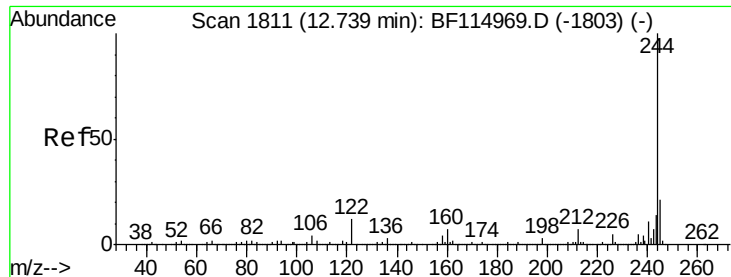
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.76 min Scan# 1985
Delta R.T. -0.02 min
Lab File: BF115045.D
Acq: 14 Jun 2019 17:45

Tgt Ion:240 Resp: 515073
Ion Ratio Lower Upper
240 100
120 13.2 10.0 15.0
236 26.4 21.6 32.4



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: 76.594 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF115045.D

Acq: 14 Jun 2019 17:45

Instrument :

BNA_F

ClientSampled :

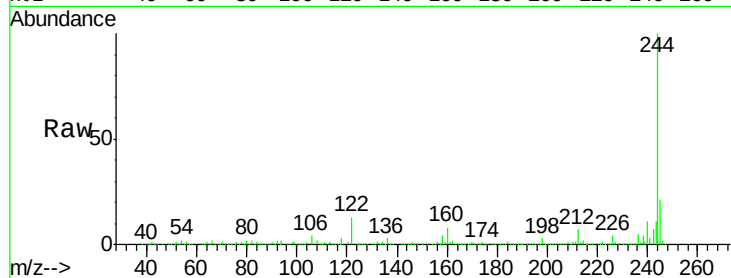
Tot Ion:244 Resp: 2097514

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

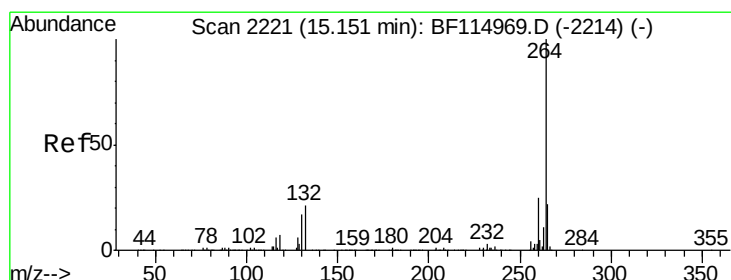
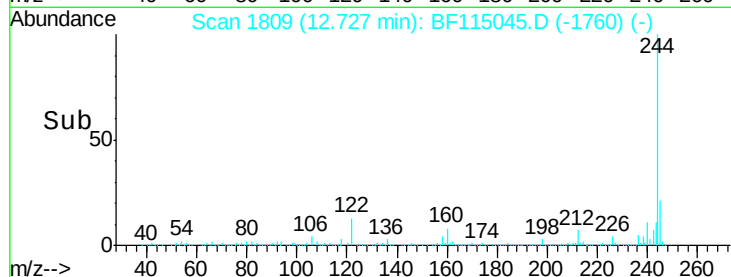
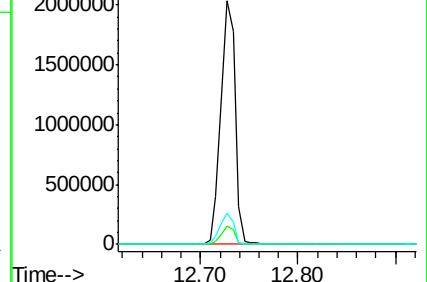
122 12.8 9.4 14.0



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: 15.14 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BF115045.D

Acq: 14 Jun 2019 17:45

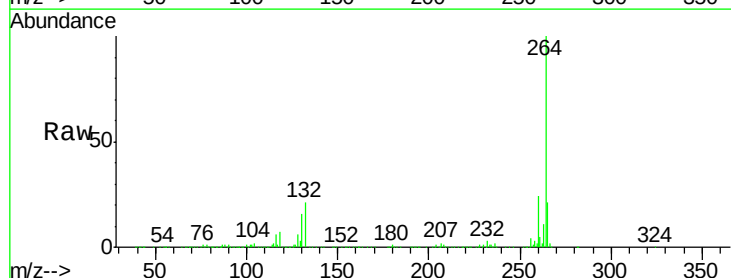
Tgt Ion:264 Resp: 506489

Ion Ratio Lower Upper

264 100

260 24.2 19.9 29.9

265 21.4 17.6 26.4



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

