

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090919\
 Data File : BF116909.D
 Acq On : 9 Sep 2019 20:59
 Operator : HP/JU
 Sample : K4752-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP

Quant Time: Sep 10 03:03:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

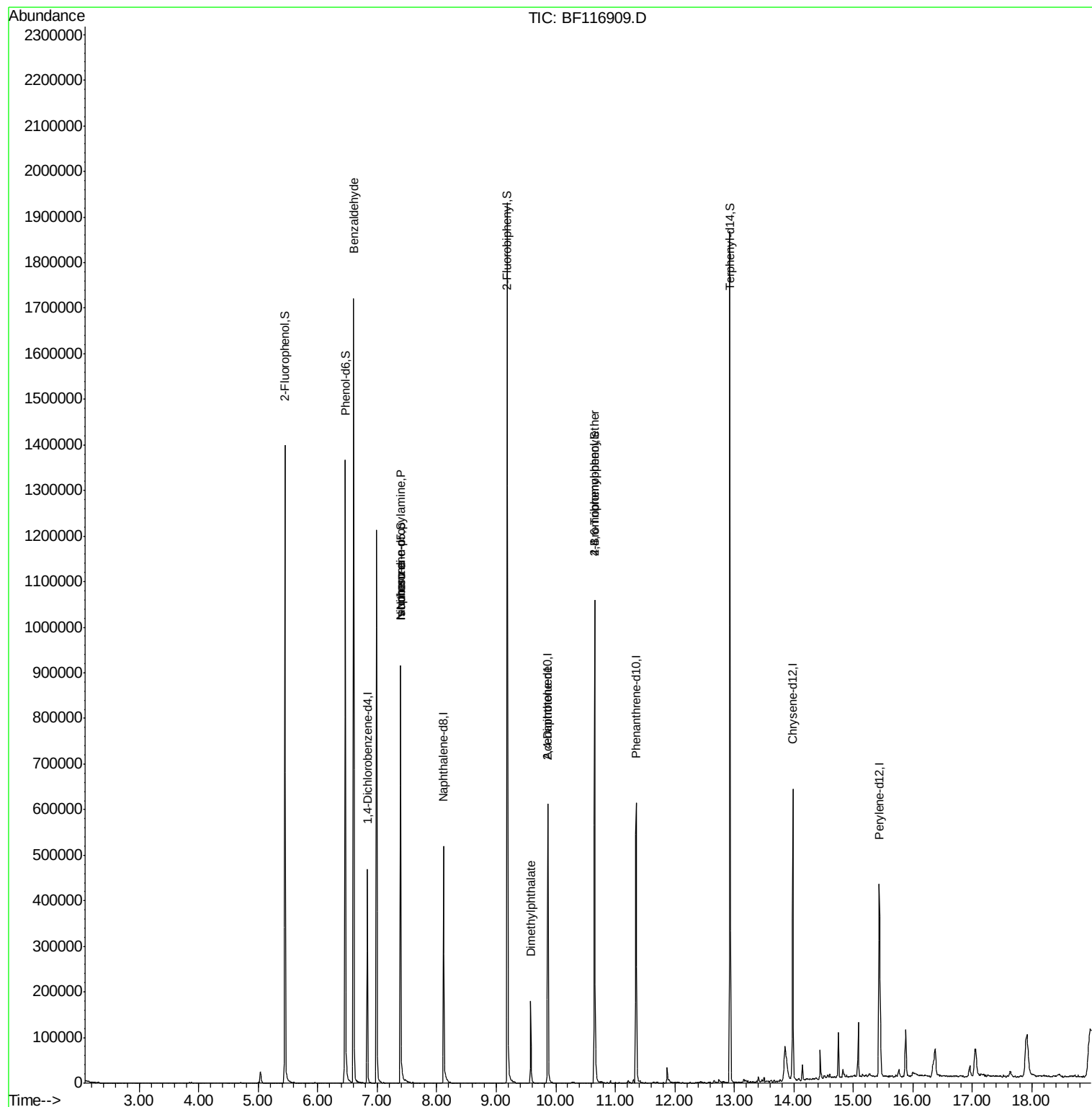
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	68402	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	270874	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	142701	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	249855	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	207503	20.00	ng	-0.02
87) Perylene-d12	15.43	264	195328	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	389636	92.28	ng	-0.01
7) Phenol-d6	6.46	99	539952	97.39	ng	-0.02
23) Nitrobenzene-d5	7.39	82	326210	68.75	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	119608	125.38	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	596312	70.49	ng	-0.02
79) Terphenyl-d14	12.93	244	665075	59.29	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.60	77	9744	2.668	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.39	70	42898	11.751	ng	# 69
25) Isophorone	7.39	82	326208	33.928	ng	# 66
50) Dimethylphthalate	9.58	163	80432	8.164	ng	# 98
57) 2,4-Dinitrotoluene	9.87	165	17915	7.795	ng	# 19
67) 4-Bromophenyl-phenylether	10.65	248	8281	3.263	ng	# 1

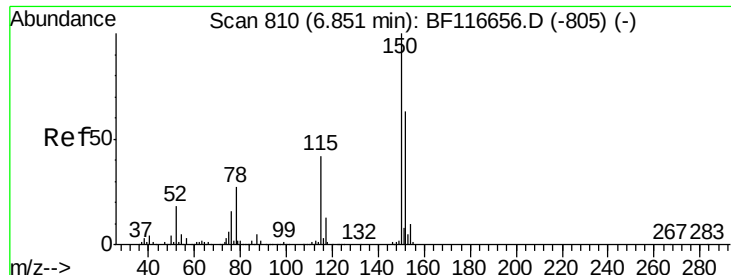
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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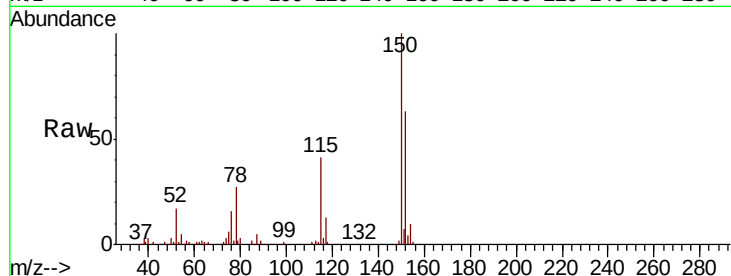


#1

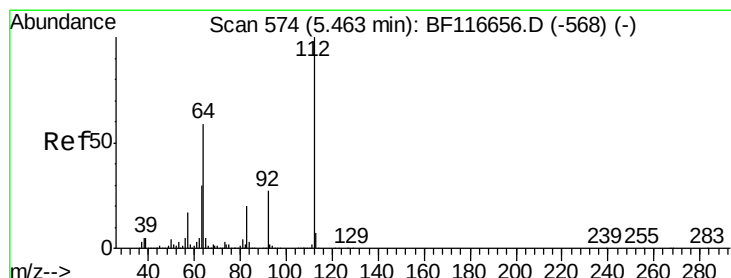
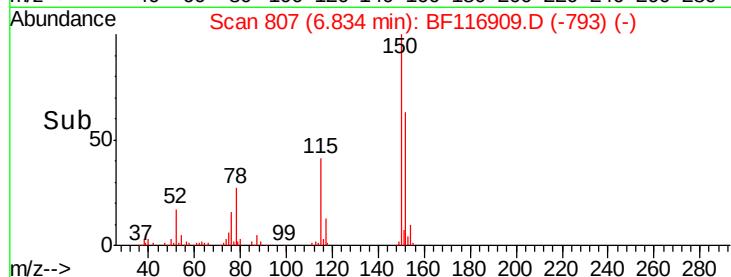
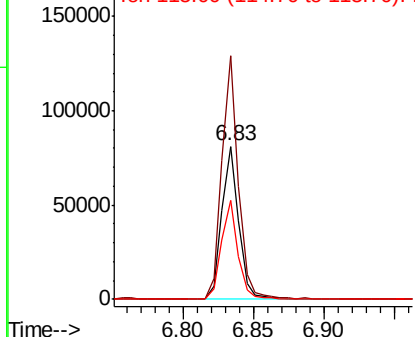
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion:152 Resp: 68402
Ion Ratio Lower Upper
152 100
150 158.8 124.4 186.6
115 64.7 49.9 74.9



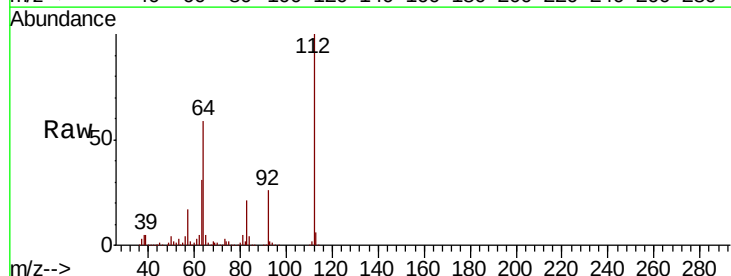
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



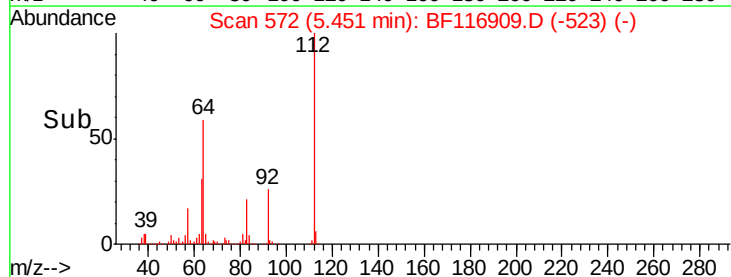
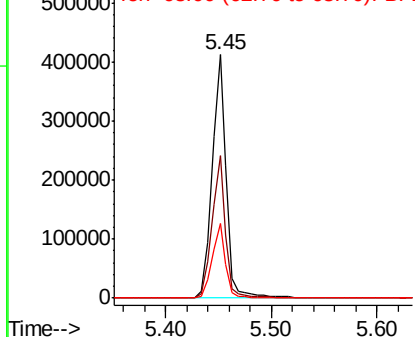
#5

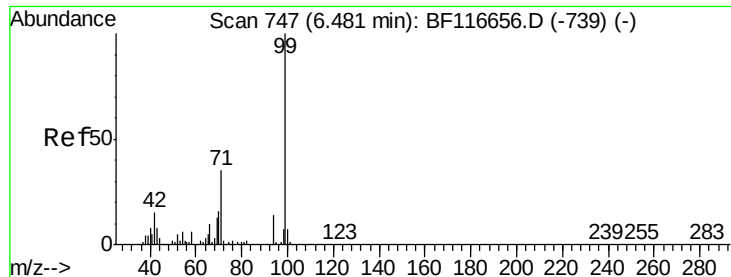
2-Fluorophenol
Concen: 92.283 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Tgt Ion:112 Resp: 389636
Ion Ratio Lower Upper
112 100
64 58.6 47.1 70.7
63 30.5 24.9 37.3



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: 97.390 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116909.D

Acq: 9 Sep 2019 20:59

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

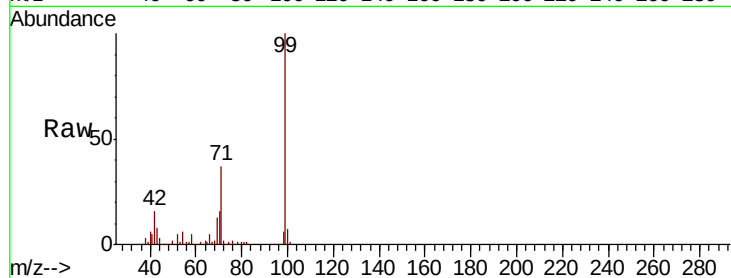
Tgt Ion: 99 Resp: 539952

Ion Ratio Lower Upper

99 100

42 15.7 13.7 20.5

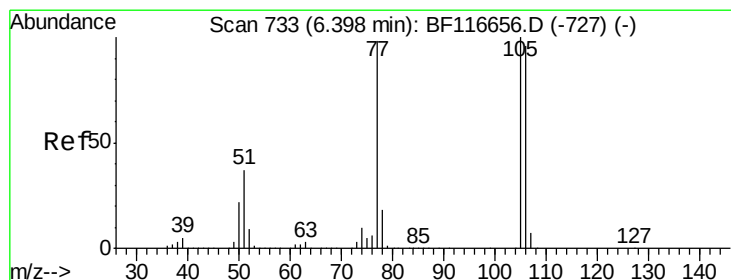
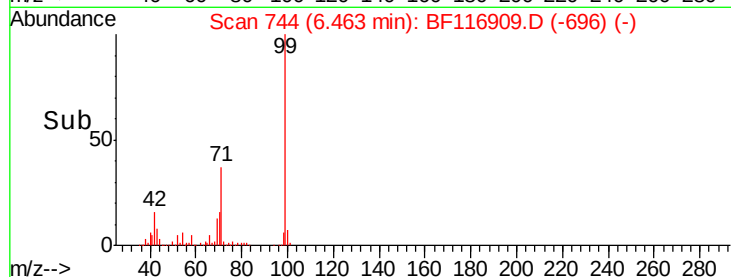
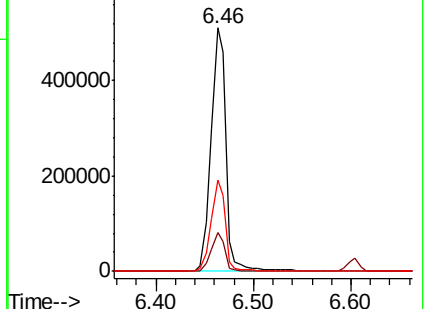
71 37.4 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.668 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.21 min

Lab File: BF116909.D

Acq: 9 Sep 2019 20:59

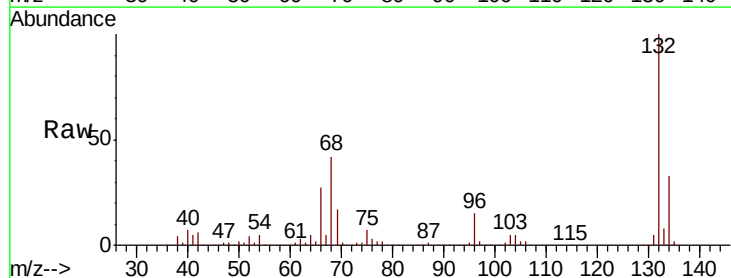
Tgt Ion: 77 Resp: 9744

Ion Ratio Lower Upper

77 100

105 90.8 76.7 116.7

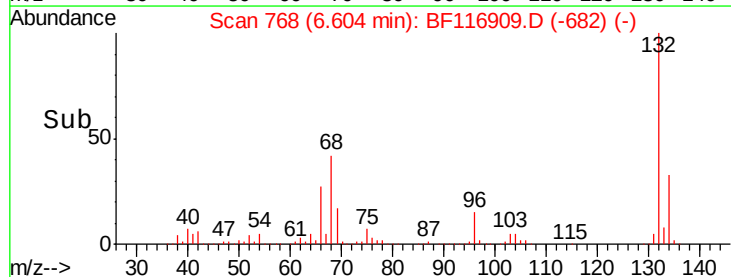
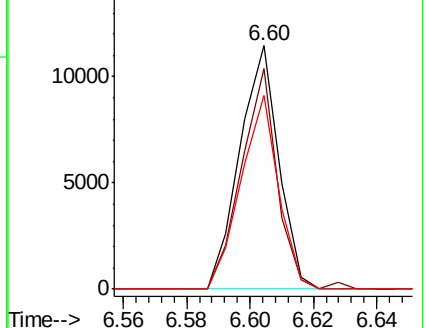
106 79.8 73.1 113.1

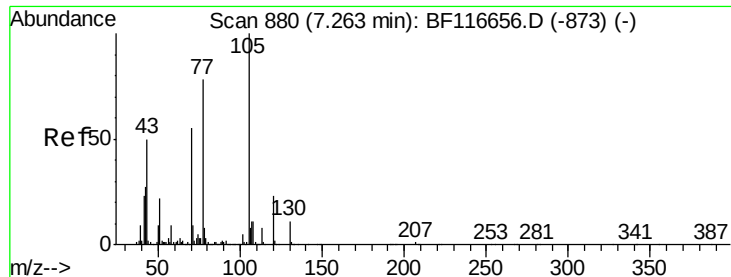


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

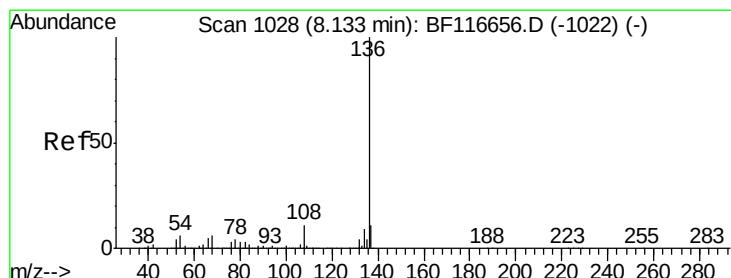
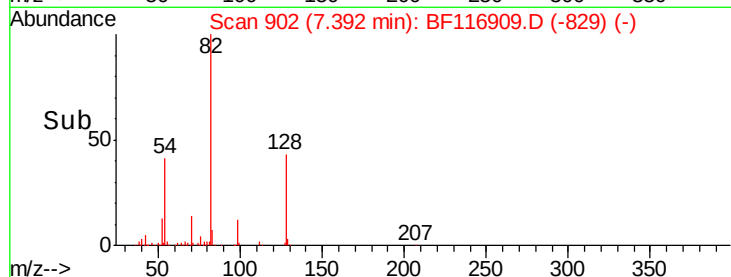
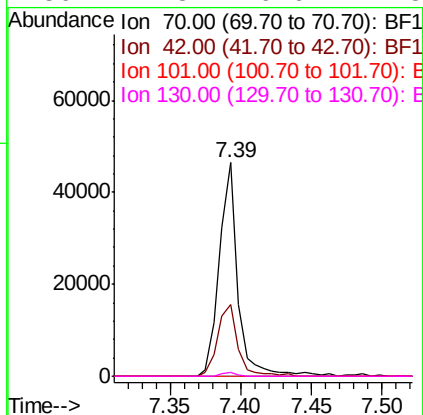
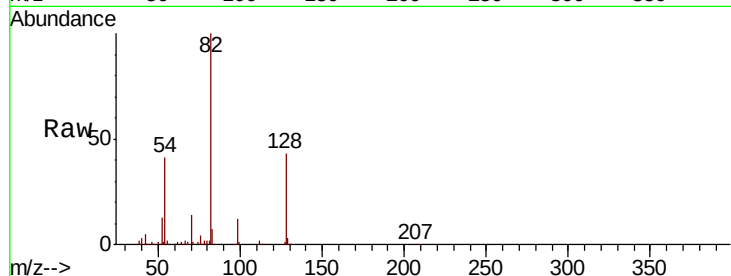




#19
n-Nitroso-di-n-propylamine
Concen: 11.751 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.13 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

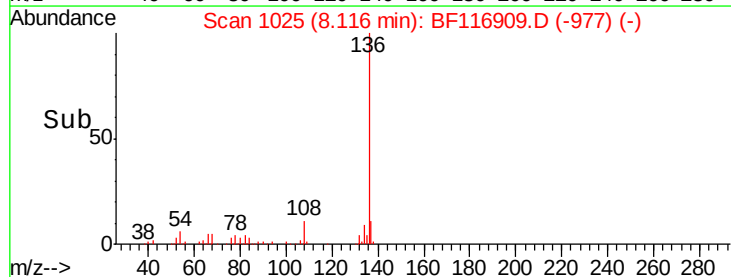
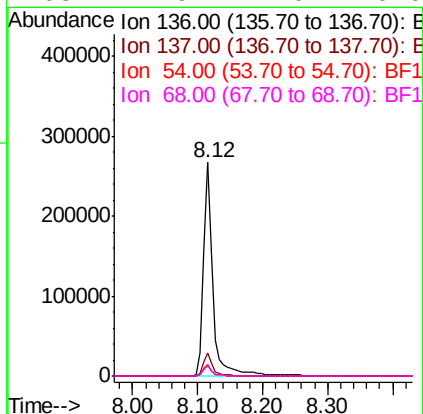
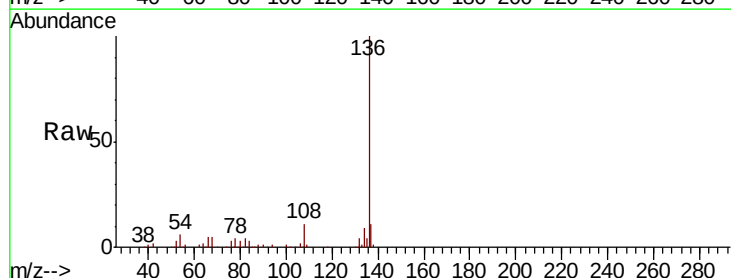
Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

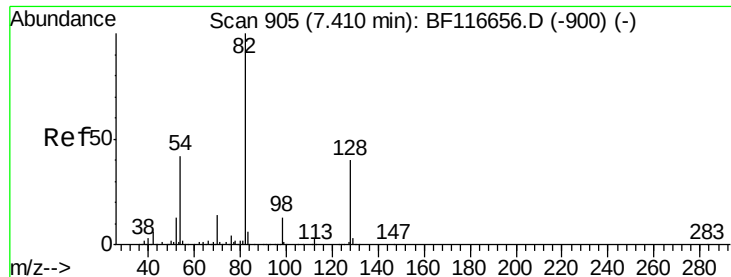
Tgt Ion:	70	Resp:	42898
Ion	Ratio	Lower	Upper
70	100		
42	33.8	43.5	65.3#
101	0.0	7.8	11.6#
130	1.8	16.6	24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Tgt Ion:	136	Resp:	270874
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.5	4.8	7.2
68	4.9	4.0	6.0

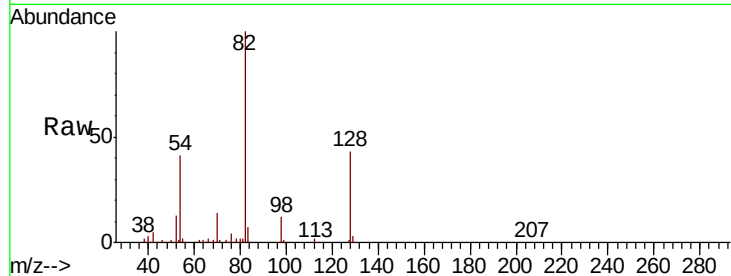




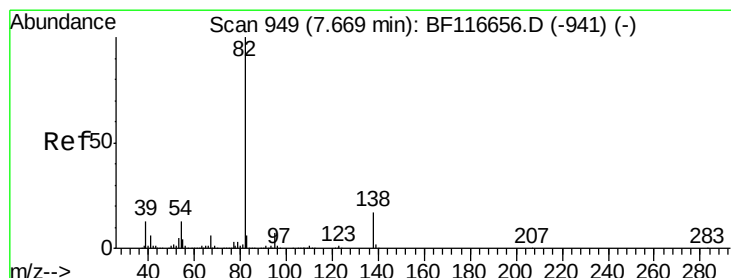
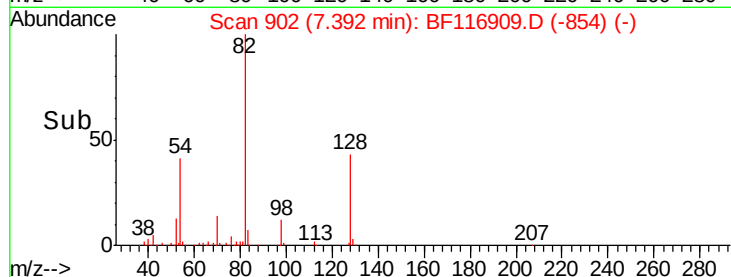
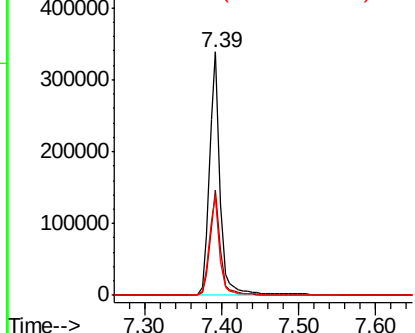
#23
 Nitrobenzene-d5
 Concen: 68.750 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF116909.D
 Acq: 9 Sep 2019 20:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.5	32.8	49.2
54	40.7	36.9	55.3

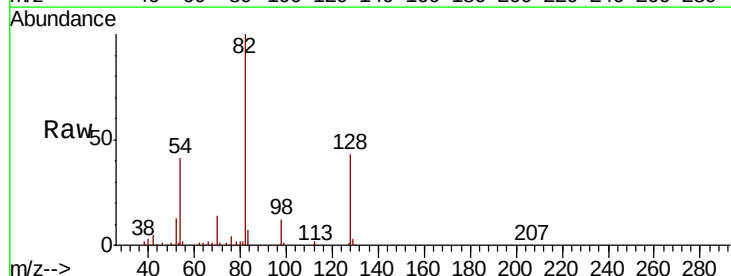


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

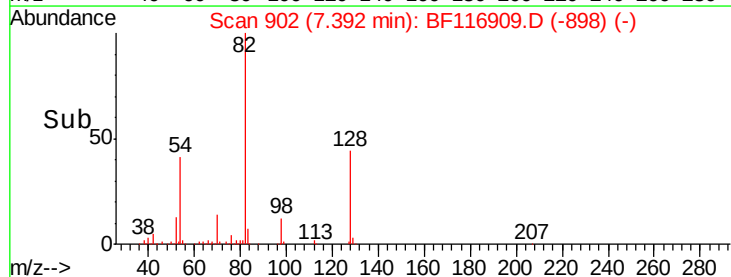
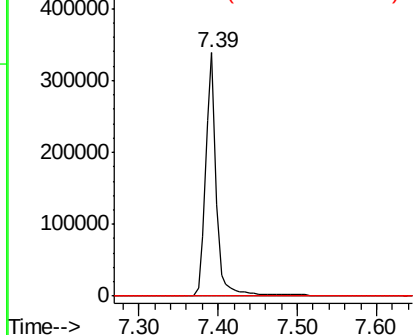


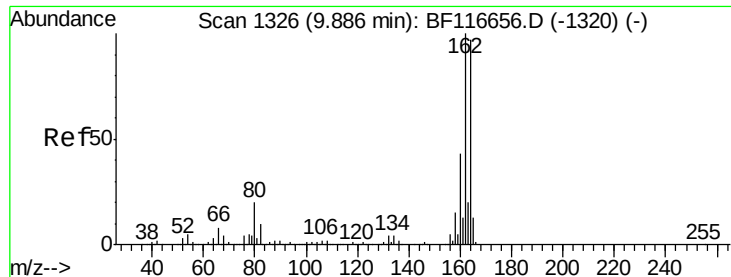
#25
 Isophorone
 Concen: 33.928 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.28 min
 Lab File: BF116909.D
 Acq: 9 Sep 2019 20:59

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#



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

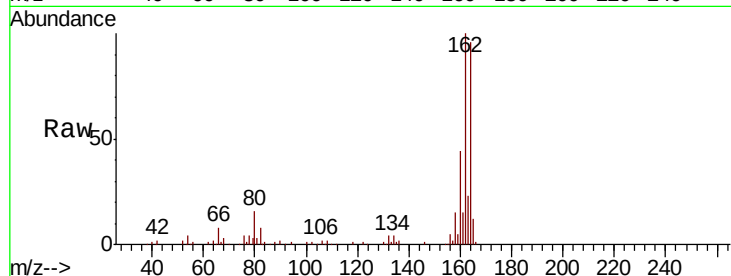




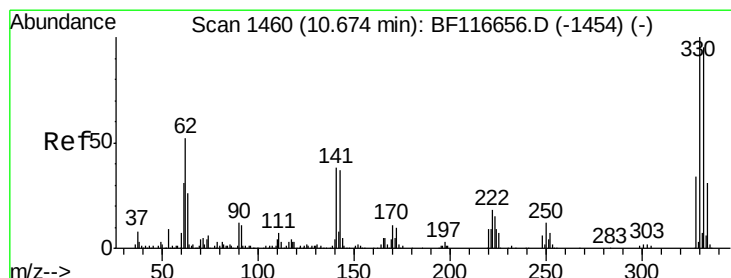
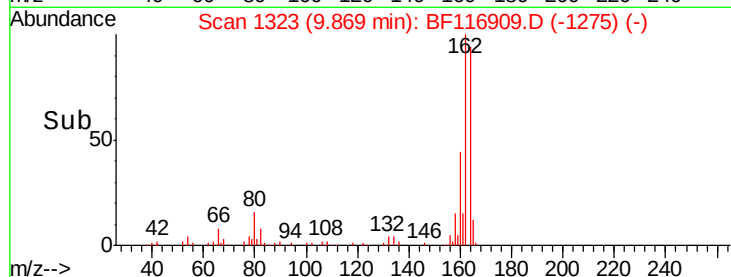
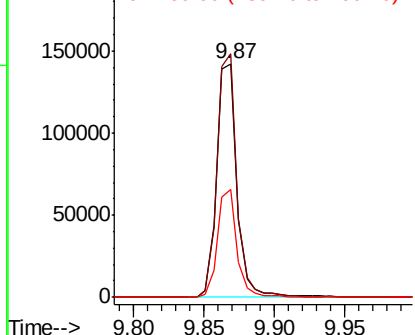
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion:164 Resp: 142701
Ion Ratio Lower Upper
164 100
162 104.1 81.4 122.0
160 45.9 35.4 53.2

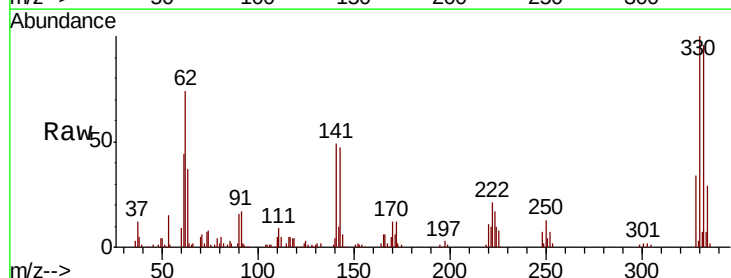


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

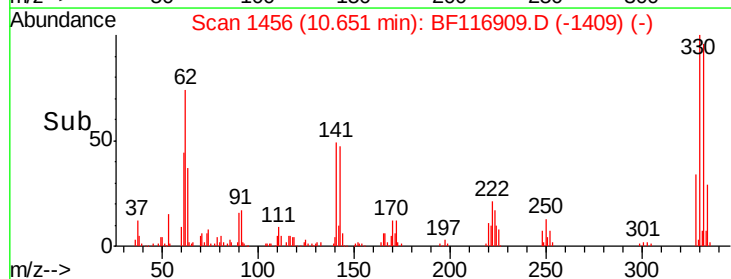
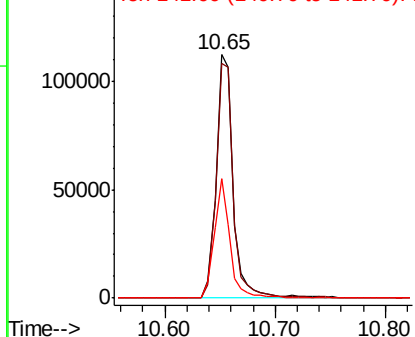


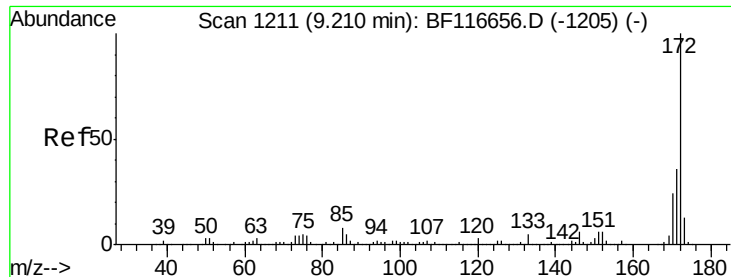
#42
2,4,6-Tribromophenol
Concen: 125.377 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.02 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Tgt Ion:330 Resp: 119608
Ion Ratio Lower Upper
330 100
332 97.0 76.9 115.3
141 44.7 31.4 47.2



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

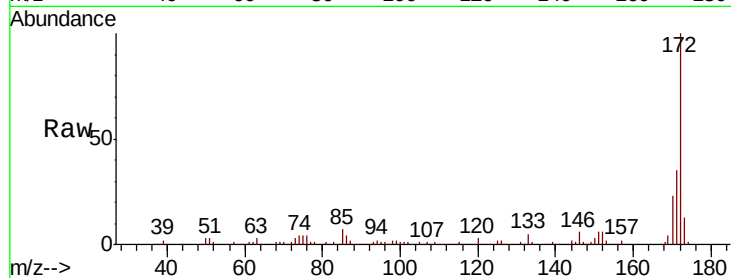




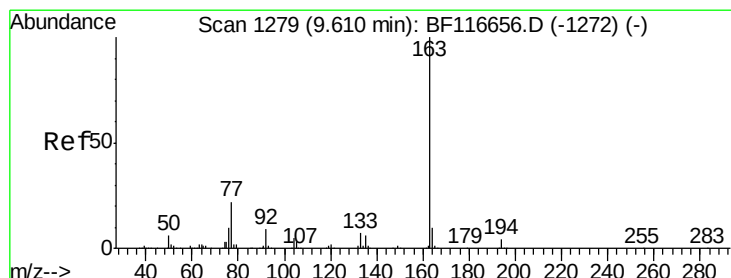
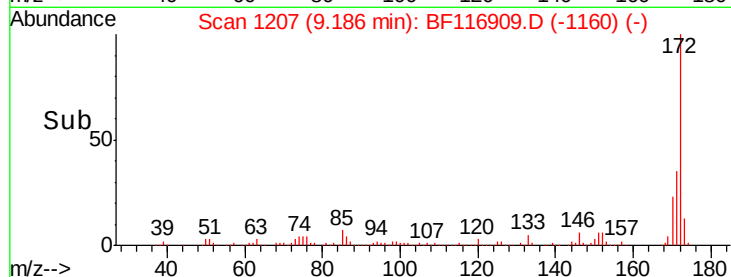
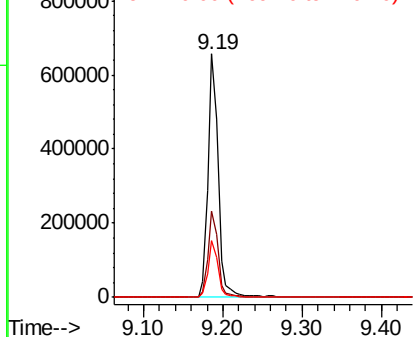
#45
 2-Fluorobiphenyl
 Concen: 70.491 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116909.D
 Acq: 9 Sep 2019 20:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP

Tgt Ion:172 Resp: 596312
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.8 41.6
 170 23.3 18.9 28.3

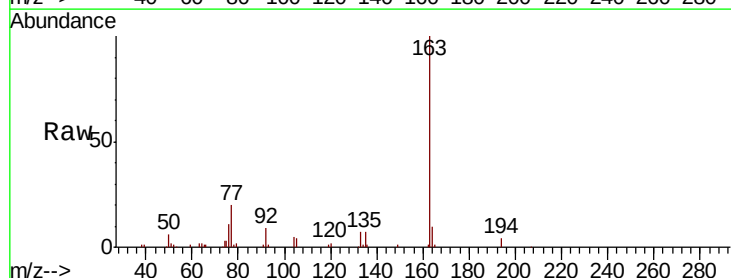


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

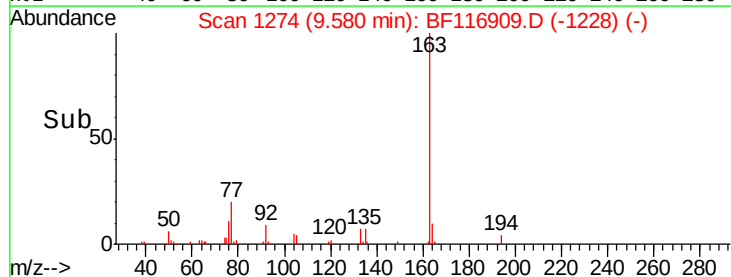
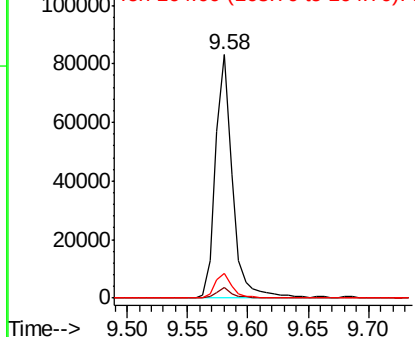


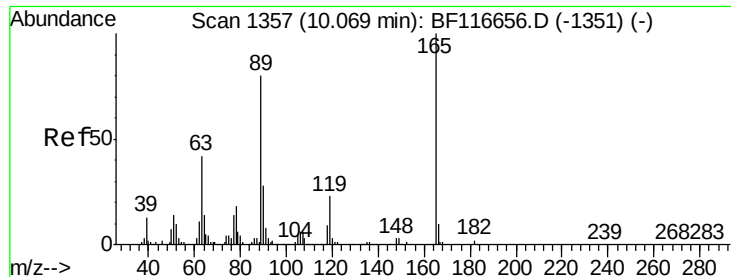
#50
 Dimethylphthalate
 Concen: 8.164 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.03 min
 Lab File: BF116909.D
 Acq: 9 Sep 2019 20:59

Tgt Ion:163 Resp: 80432
 Ion Ratio Lower Upper
 163 100
 194 4.3 2.8 4.2#
 164 10.1 8.6 12.8



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: 7.795 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.20 min

Lab File: BF116909.D

Acq: 9 Sep 2019 20:59

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

Tgt Ion:165 Resp: 17915

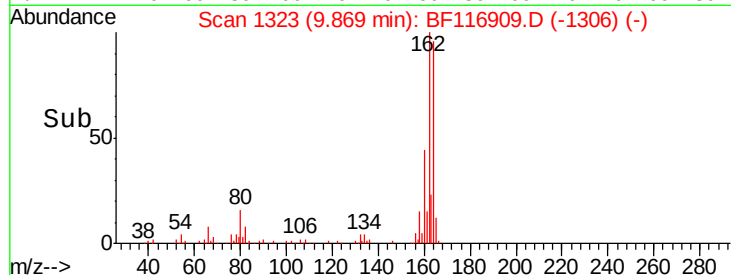
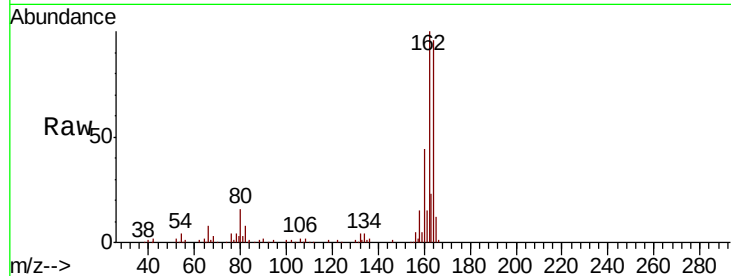
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 62.6 94.0#

182 0.0 2.1 3.1#

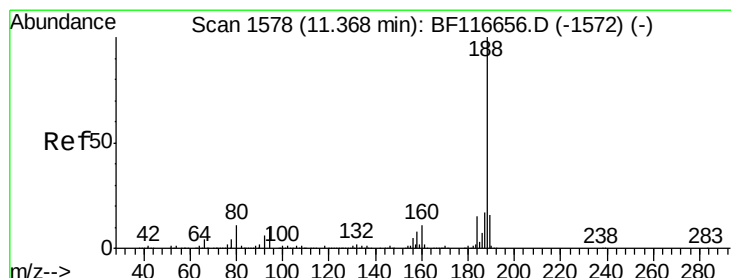
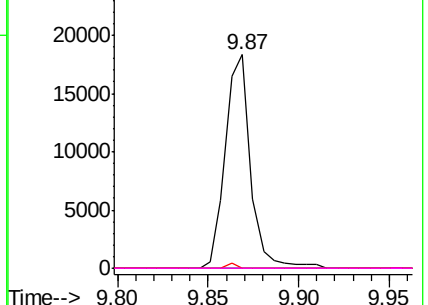


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.35 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF116909.D

Acq: 9 Sep 2019 20:59

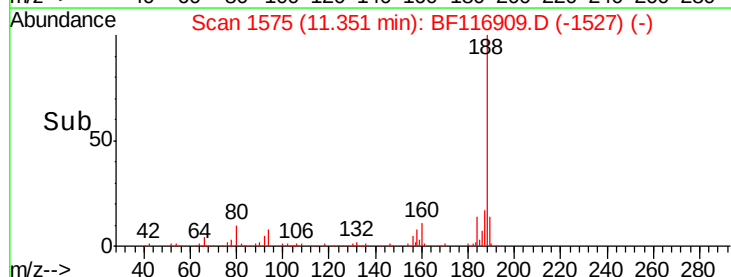
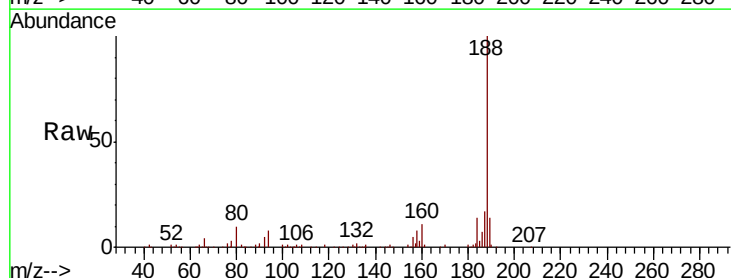
Tgt Ion:188 Resp: 249855

Ion Ratio Lower Upper

188 100

94 8.4 7.3 10.9

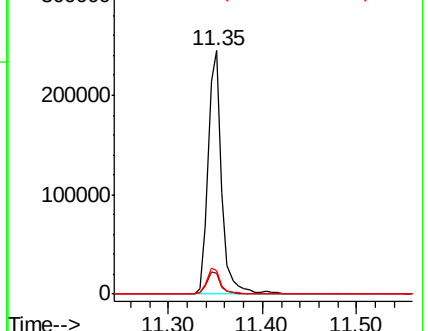
80 9.6 8.4 12.6

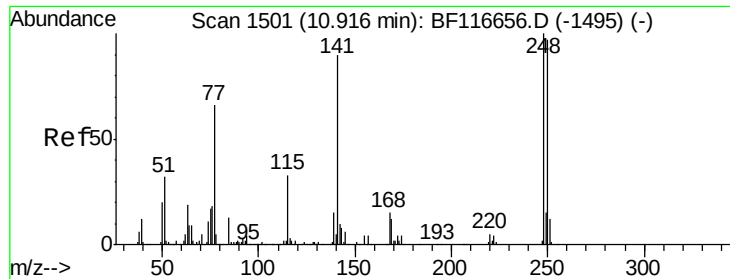


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

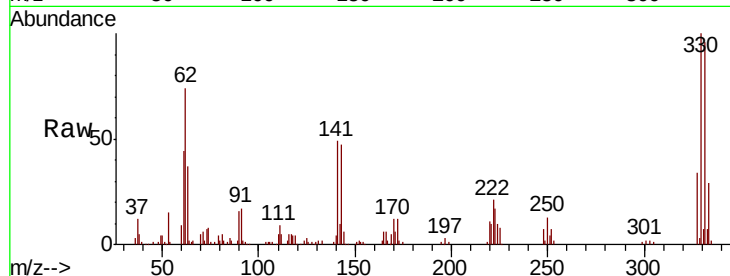




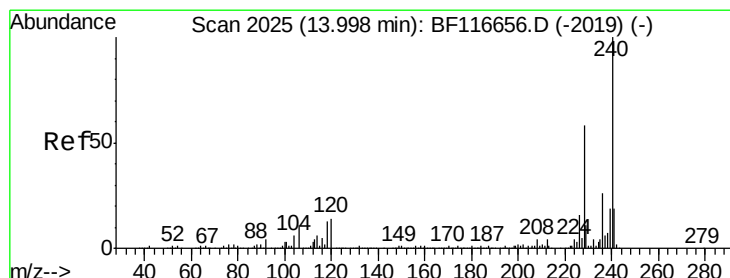
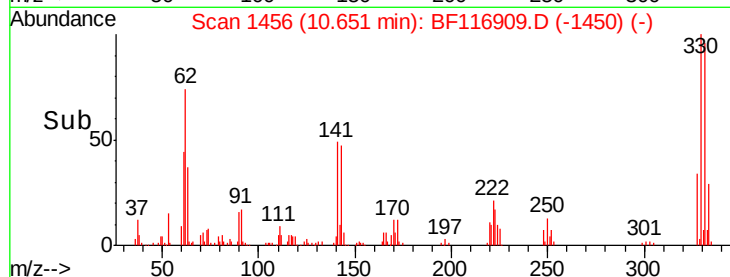
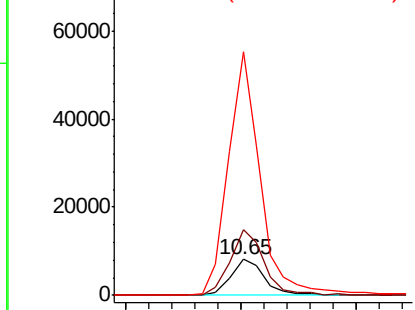
#67
4-Bromophenyl-phenylether
Concen: 3.263 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.26 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion: 248 Resp: 8281
Ion Ratio Lower Upper
248 100
250 182.0 77.8 116.8#
141 672.5 75.9 113.9#

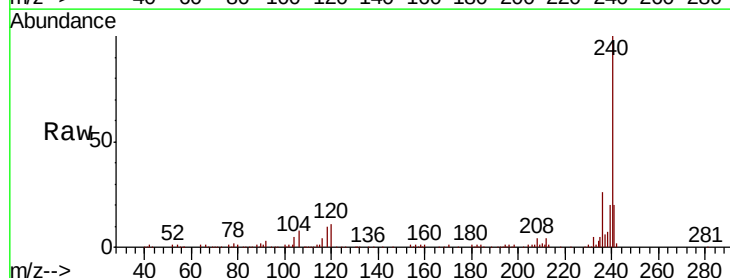


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

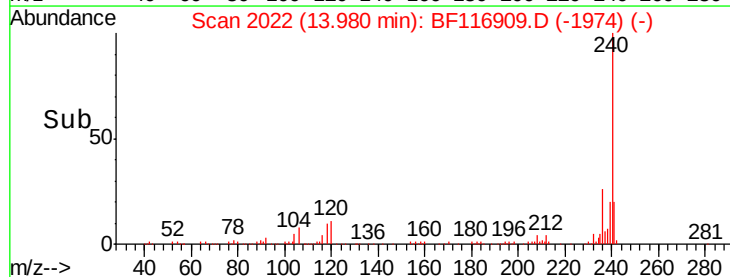
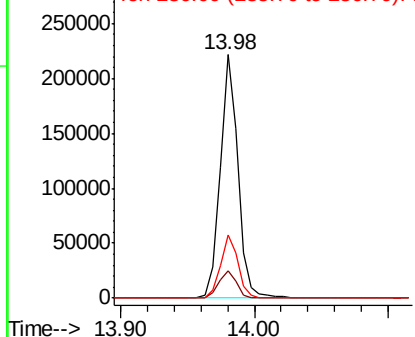


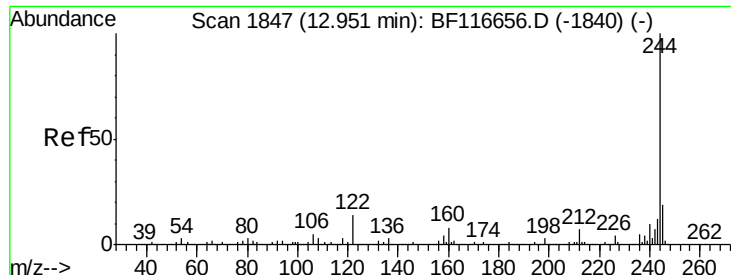
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Tgt Ion: 240 Resp: 207503
Ion Ratio Lower Upper
240 100
120 11.4 9.1 13.7
236 25.8 21.1 31.7



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

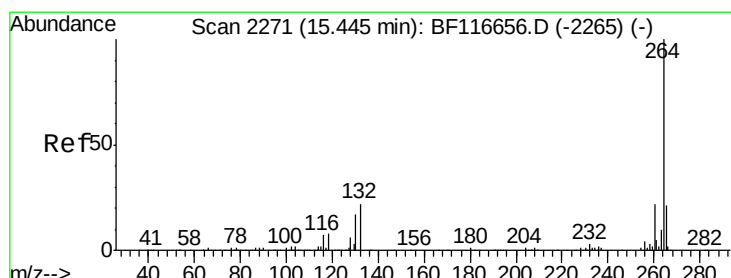
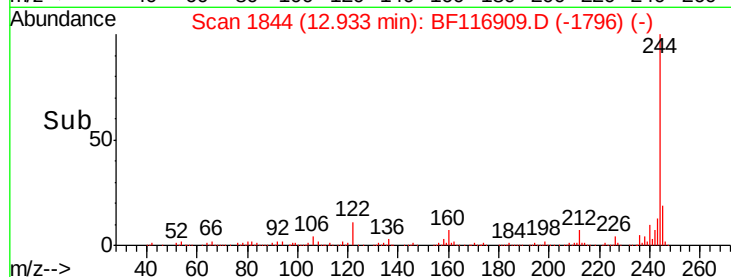
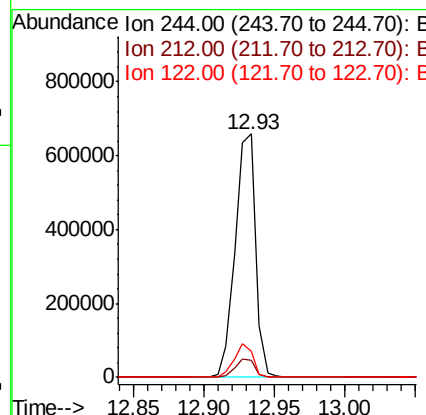
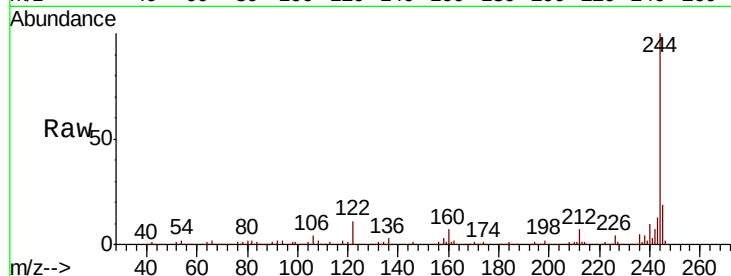




#79
 Terphenyl-d14
 Concen: 59.293 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF116909.D
 Acq: 9 Sep 2019 20:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP

Tgt Ion: 244 Resp: 665075
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 10.9 10.2 15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF116909.D
 Acq: 9 Sep 2019 20:59

Tgt Ion: 264 Resp: 195328
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.3 27.5
 265 21.0 16.5 24.7

