

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111885.D
 Acq On : 7 Jan 2019 19:15
 Operator : JU/SJ
 Sample : K1036-11RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 08 04:05:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

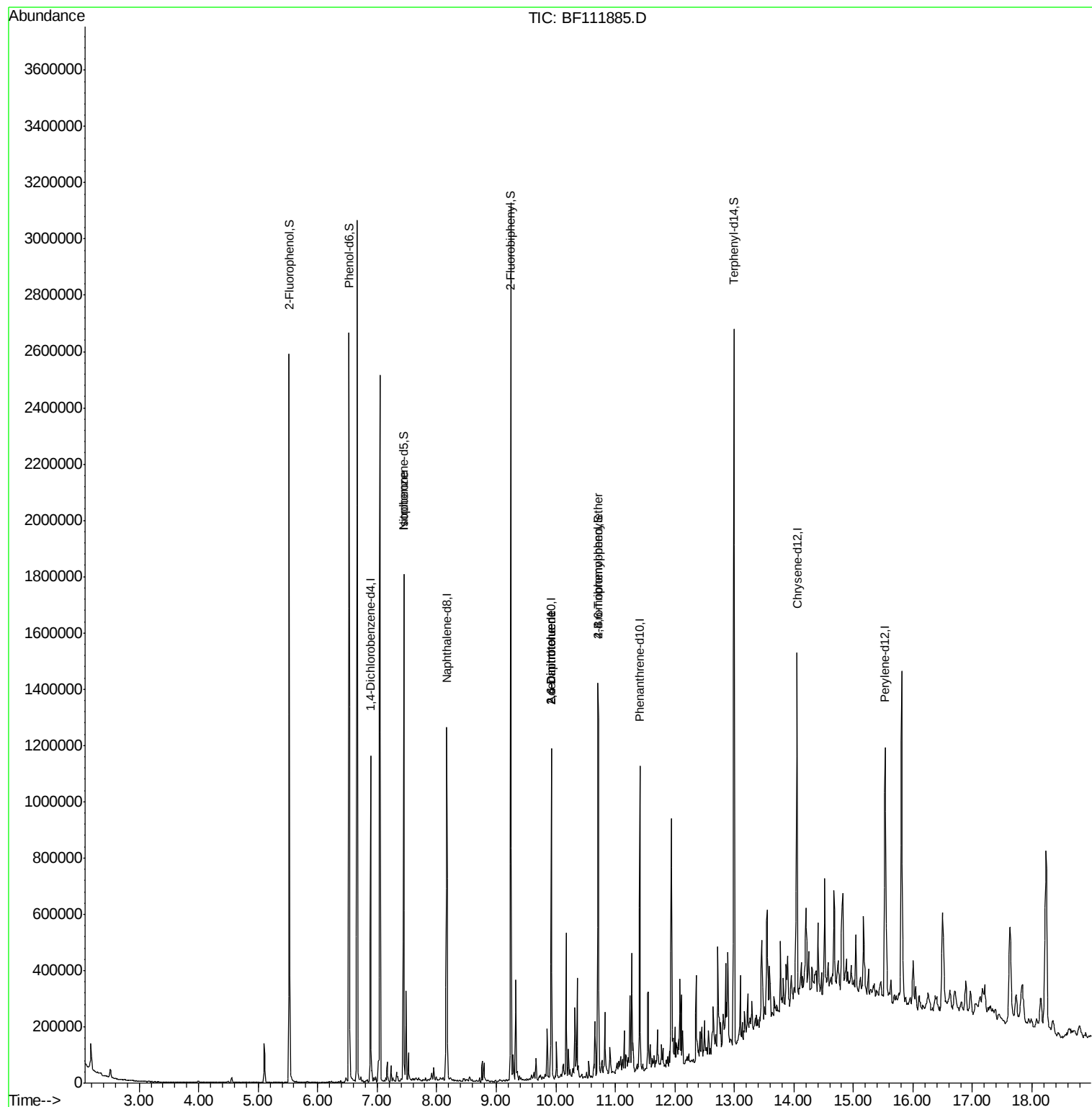
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	149475	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	513235	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	216130	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	369489	20.00	ng	0.00
76) Chrysene-d12	14.05	240	383602	20.00	ng	0.00
87) Perylene-d12	15.53	264	381231	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	656242	75.11	ng	0.00
7) Phenol-d6	6.53	99	794623	70.56	ng	0.00
23) Nitrobenzene-d5	7.45	82	523045	54.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	172265	61.28	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	941949	63.55	ng	0.00
79) Terphenyl-d14	12.99	244	836666	41.40	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	1345	Below Cal	Qvalue	# 1
25) Isophorone	7.45	82	522882	33.625 ng	#	65
51) 2,6-Dinitrotoluene	9.93	165	28092	7.737 ng	#	27
57) 2,4-Dinitrotoluene	9.93	165	28092	5.988 ng	#	27
67) 4-Bromophenyl-phenylether	10.72	248	10413	2.176 ng	#	1

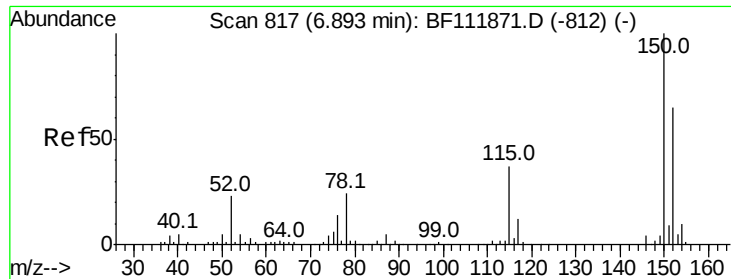
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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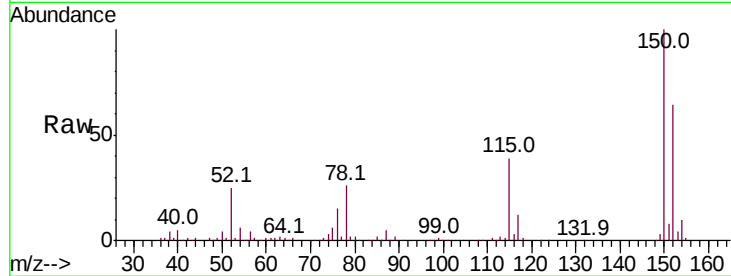


#1

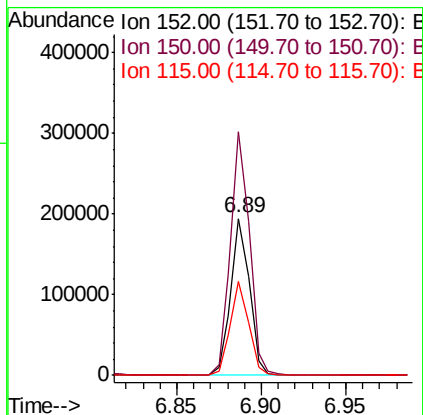
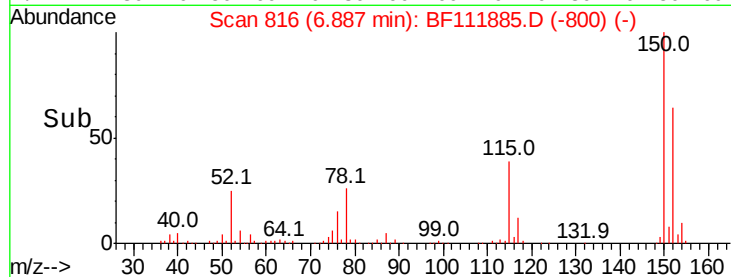
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111885.D
Acq: 7 Jan 2019 19:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149475
Ion Ratio Lower Upper
152 100
150 155.2 122.7 184.1
115 59.9 45.2 67.8



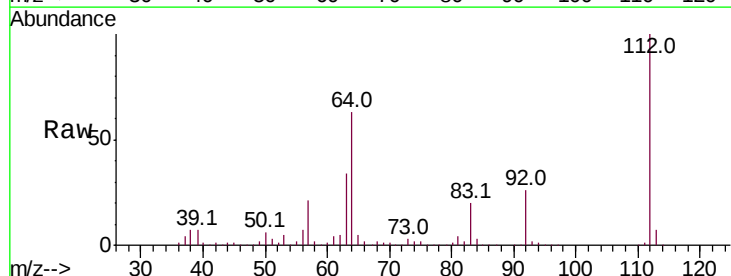
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



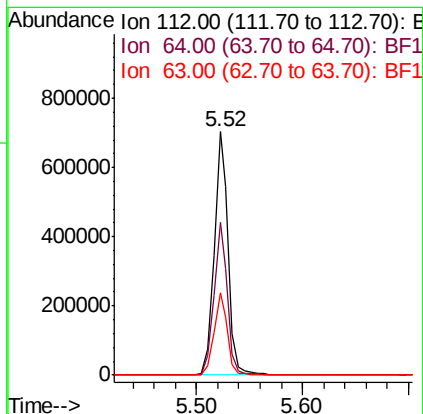
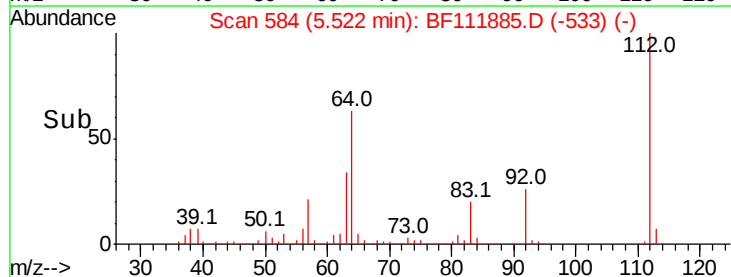
#5

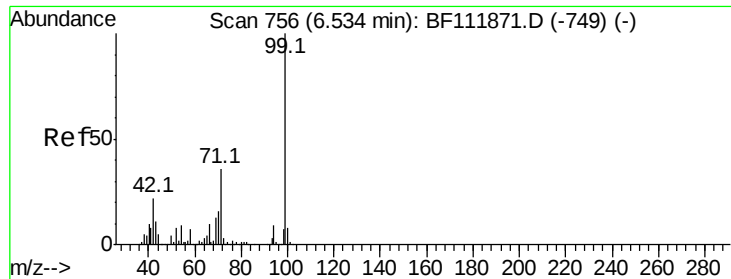
2-Fluorophenol
Concen: 75.110 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111885.D
Acq: 7 Jan 2019 19:15

Tgt Ion:112 Resp: 656242
Ion Ratio Lower Upper
112 100
64 62.6 48.3 72.5
63 33.9 26.1 39.1



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: 70.564 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111885.D

Acq: 7 Jan 2019 19:15

Instrument :

BNA_F

ClientSampled :

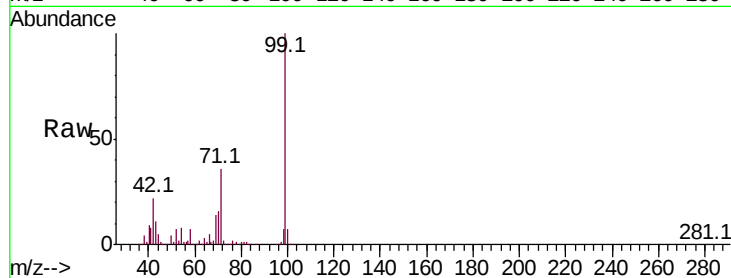
Tot Ion: 99 Resp: 794623

Ion Ratio Lower Upper

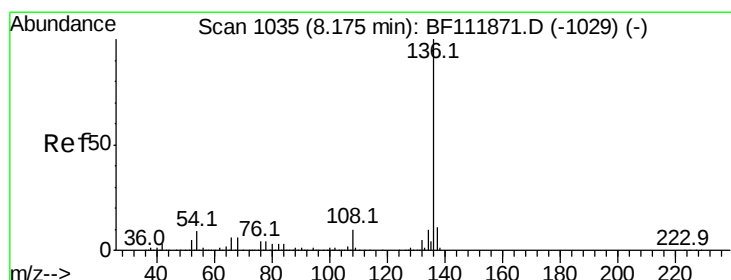
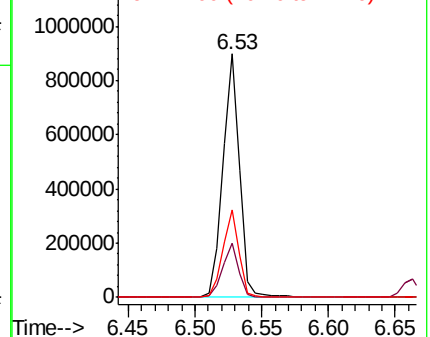
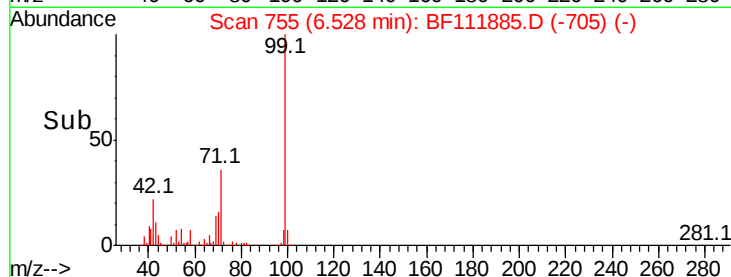
99 100

42 22.3 17.9 26.9

71 35.8 28.7 43.1



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF111885.D

Acq: 7 Jan 2019 19:15

Tgt Ion: 136 Resp: 513235

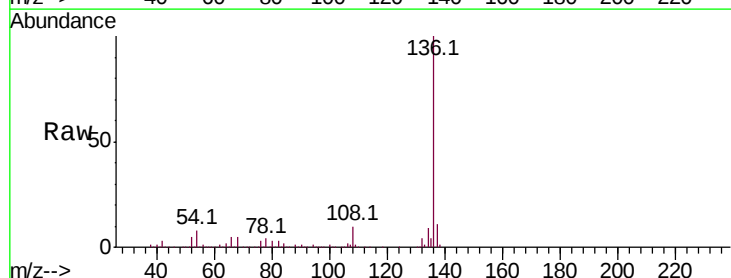
Ion Ratio Lower Upper

136 100

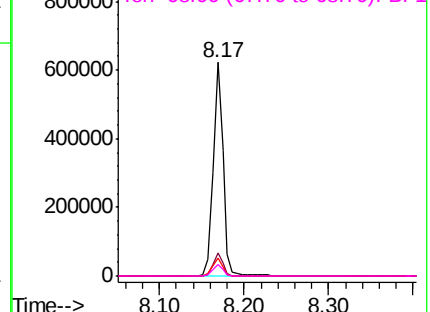
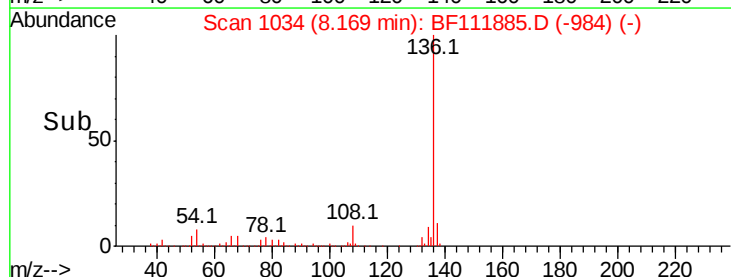
137 10.9 9.1 13.7

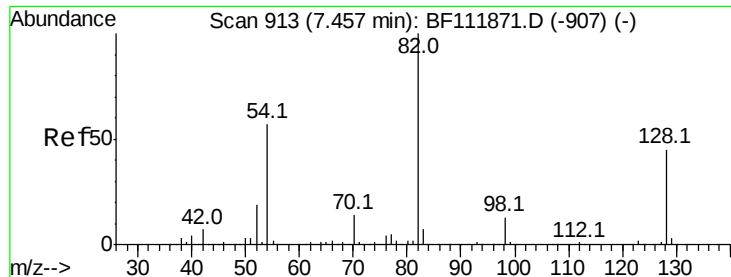
54 8.5 7.2 10.8

68 5.2 4.4 6.6



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

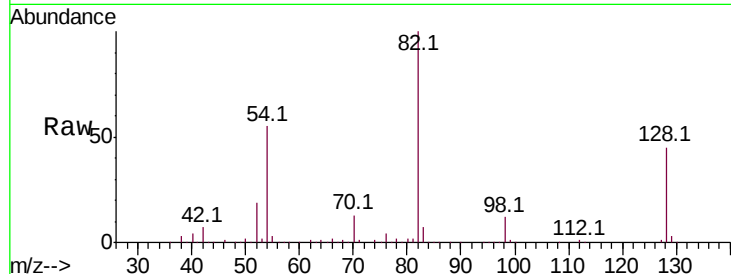




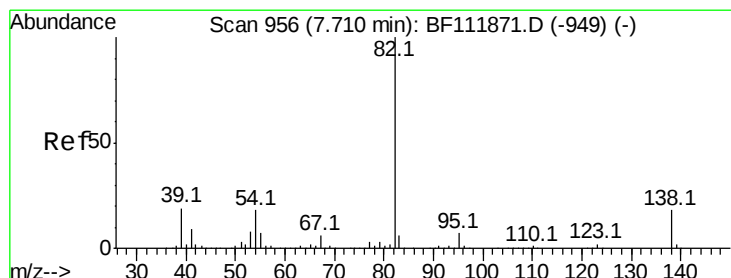
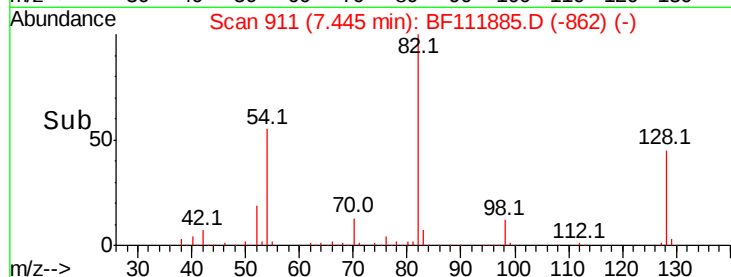
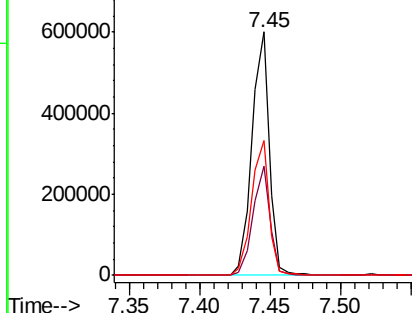
#23
Nitrobenzene-d5
Concen: 54.467 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111885.D
Acq: 7 Jan 2019 19:15

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	523045
Ion Ratio	Lower	Upper	
82	100		
128	44.9	35.7	53.5
54	55.4	45.8	68.8

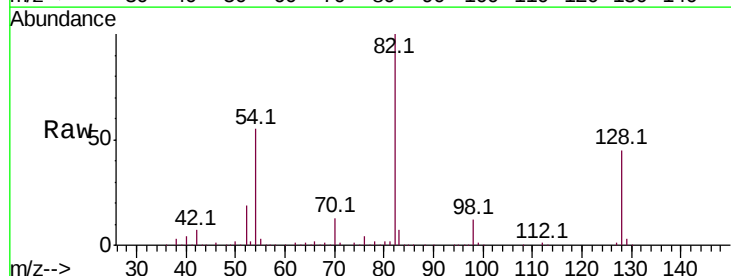


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

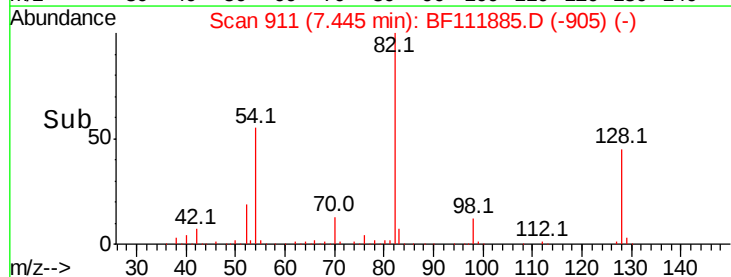
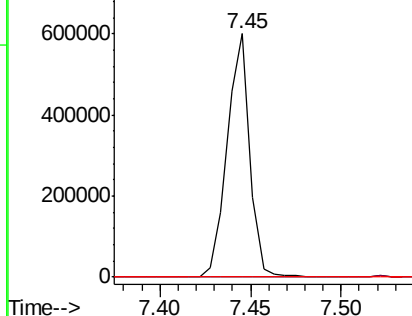


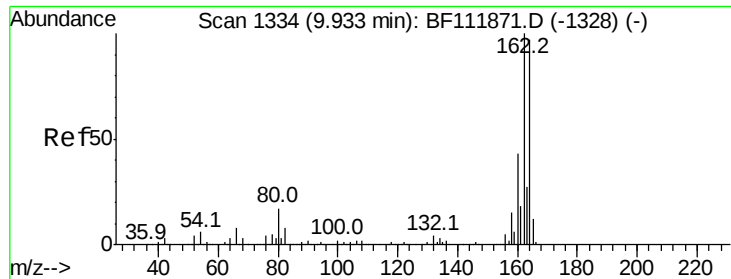
#25
Isophorone
Concen: 33.625 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF111885.D
Acq: 7 Jan 2019 19:15

Tgt Ion	82	Resp	522882
Ion Ratio	Lower	Upper	
82	100		
95	0.1	5.8	8.6#
138	0.0	14.4	21.6#



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

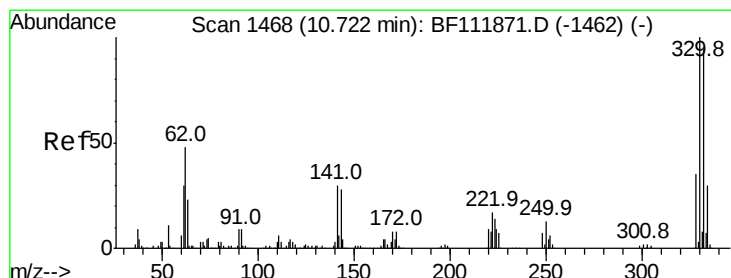
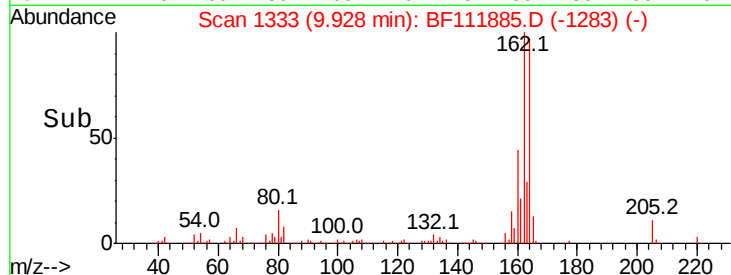
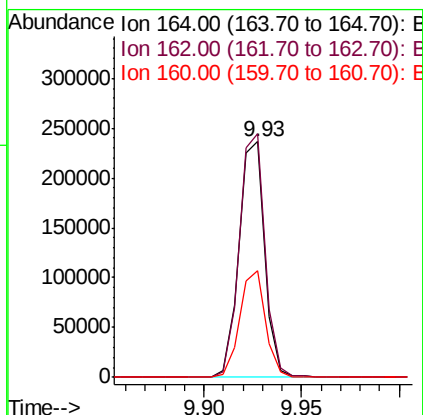
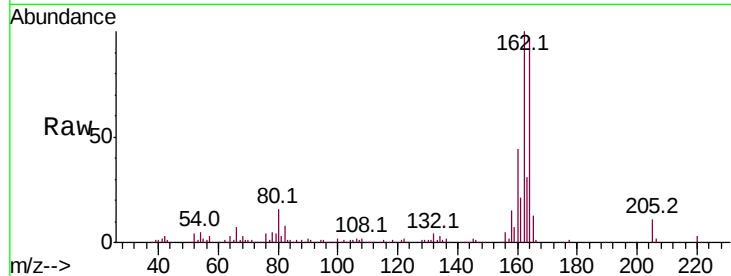




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111885.D
Acq: 7 Jan 2019 19:15

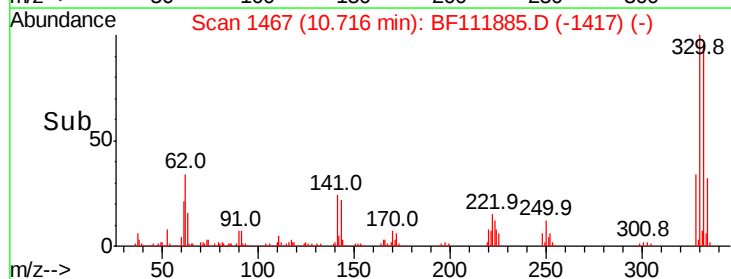
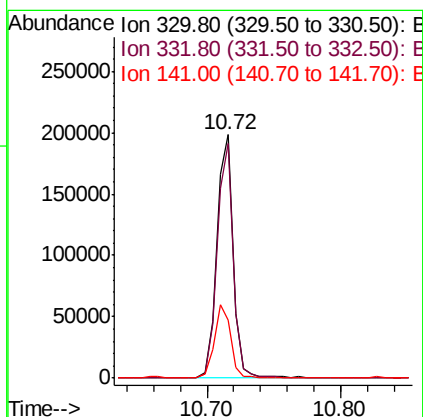
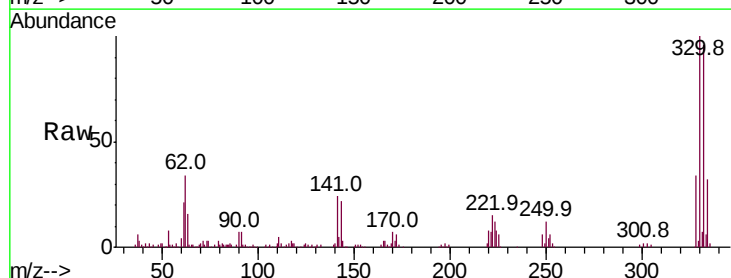
Instrument :
BNA_F
ClientSampleId :

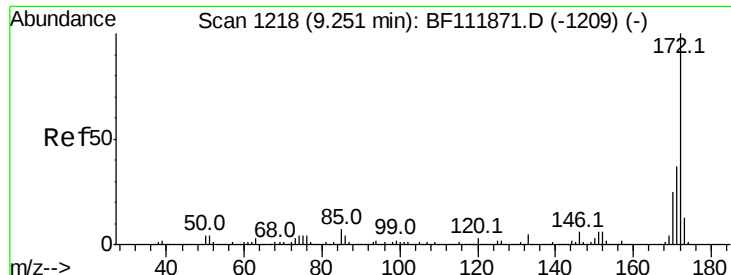
Tot Ion:164 Resp: 216130
Ion Ratio Lower Upper
164 100
162 103.4 82.2 123.2
160 45.0 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 61.278 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111885.D
Acq: 7 Jan 2019 19:15

Tgt Ion:330 Resp: 172265
Ion Ratio Lower Upper
330 100
332 95.6 76.9 115.3
141 30.3 23.7 35.5

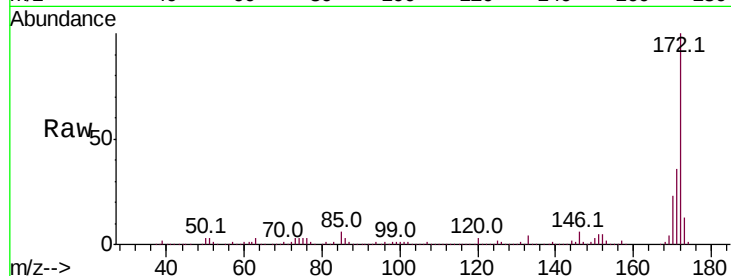




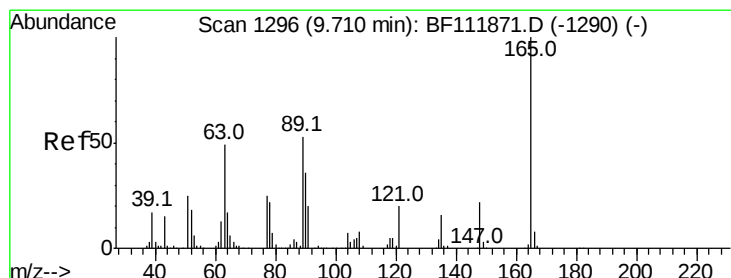
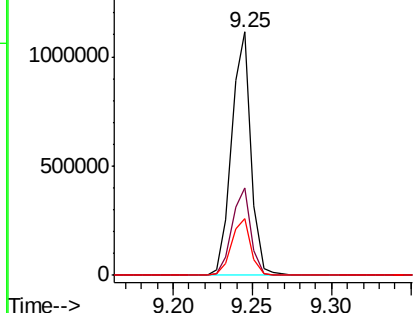
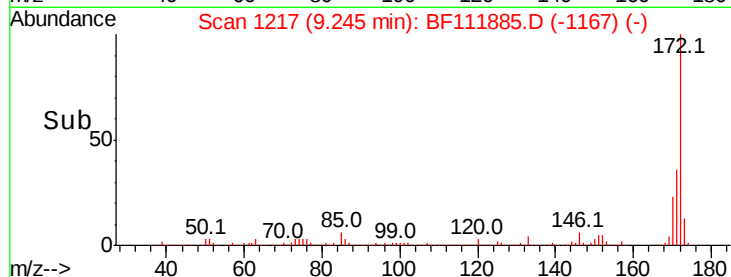
#45
 2-Fluorobiphenyl
 Concen: 63.552 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF111885.D
 Acq: 7 Jan 2019 19:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 941949
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.4 19.8 29.8

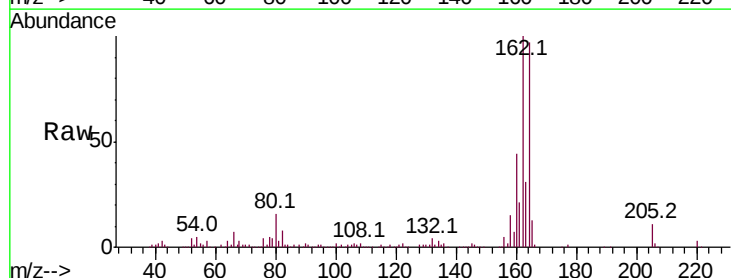


Abundance Ion 172.00 (171.70 to 172.70): E
 1500000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

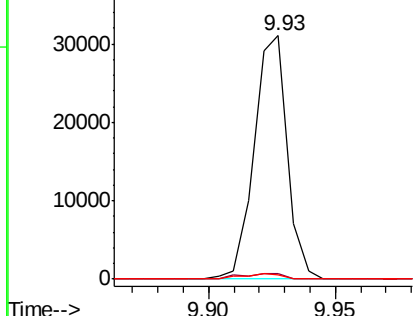
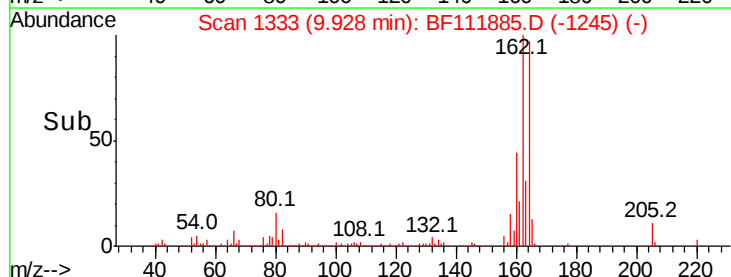


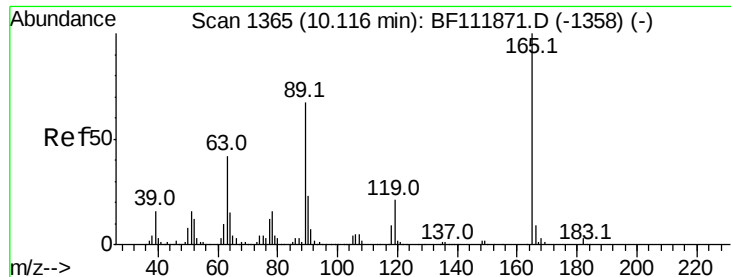
#51
 2,6-Dinitrotoluene
 Concen: 7.737 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.22 min
 Lab File: BF111885.D
 Acq: 7 Jan 2019 19:15

Tgt Ion:165 Resp: 28092
 Ion Ratio Lower Upper
 165 100
 63 2.5 46.2 69.2#
 89 2.0 42.2 63.2#



Abundance Ion 165.00 (164.70 to 165.70): E
 40000 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

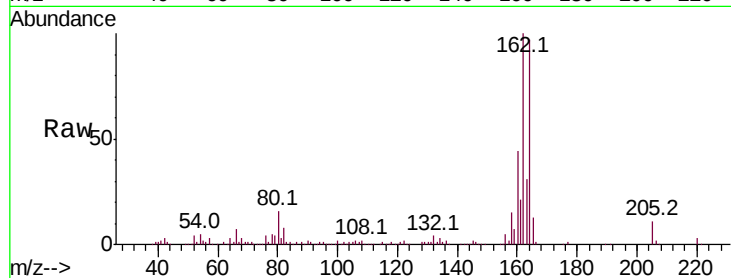




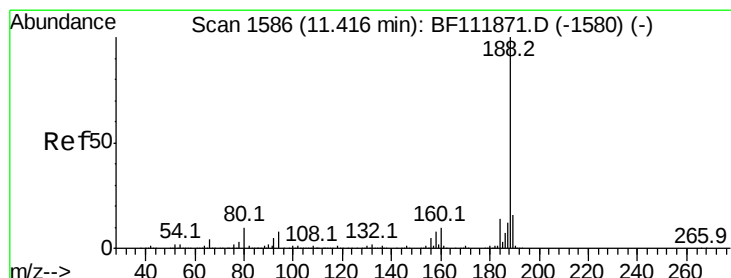
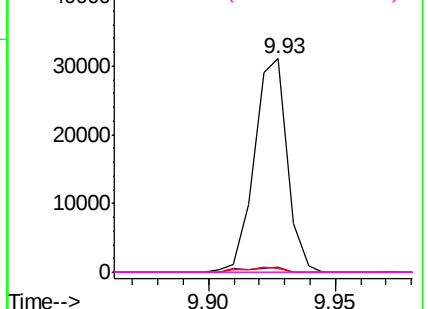
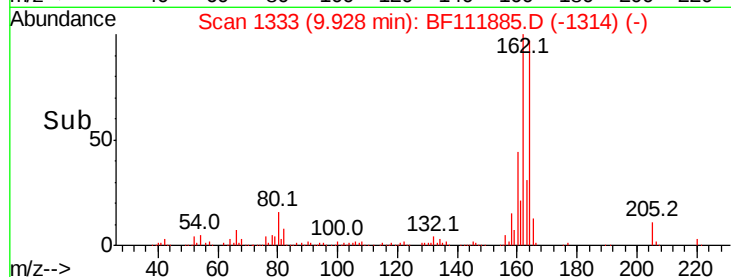
#57
 2,4-Dinitrotoluene
 Concen: 5.988 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.19 min
 Lab File: BF111885.D
 Acq: 7 Jan 2019 19:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 28092
 Ion Ratio Lower Upper
 165 100
 63 2.5 34.1 51.1#
 89 2.0 53.5 80.3#
 182 0.0 2.0 3.0#

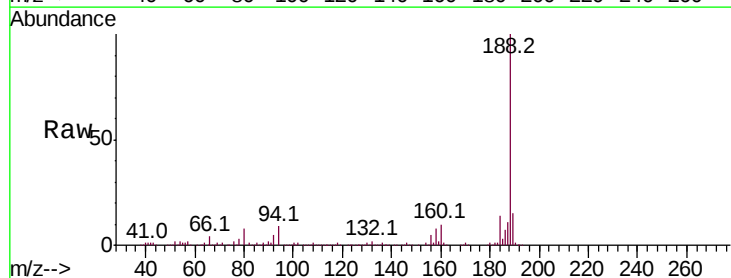


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

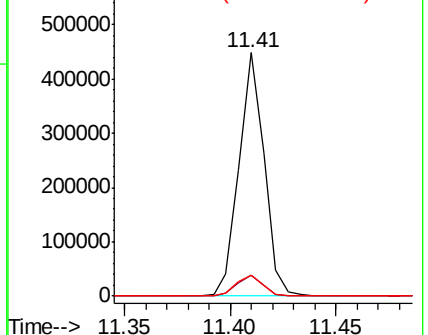
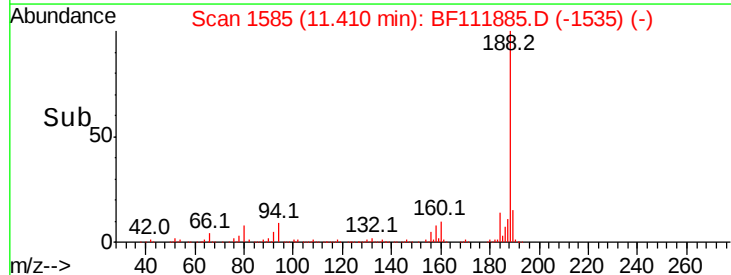


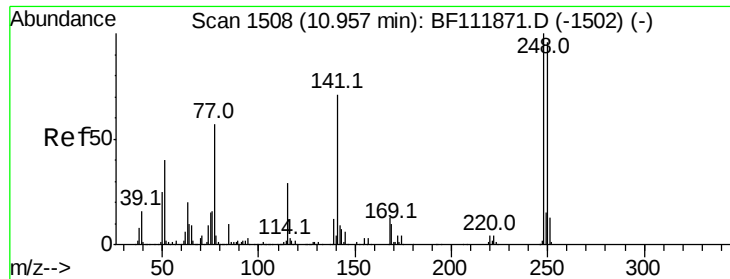
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF111885.D
 Acq: 7 Jan 2019 19:15

Tgt Ion:188 Resp: 369489
 Ion Ratio Lower Upper
 188 100
 94 8.6 6.6 10.0
 80 8.5 7.7 11.5



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

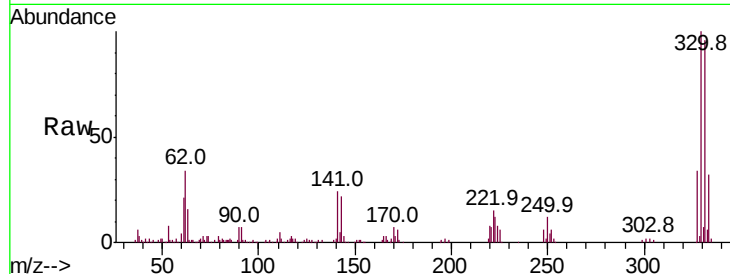




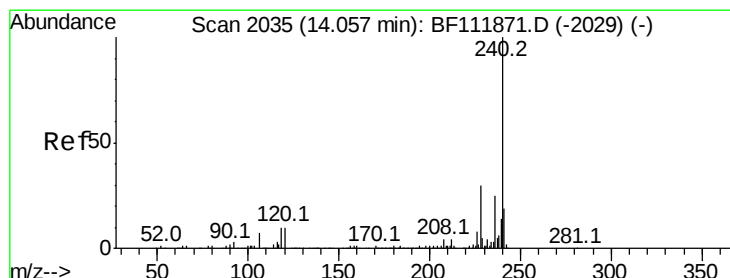
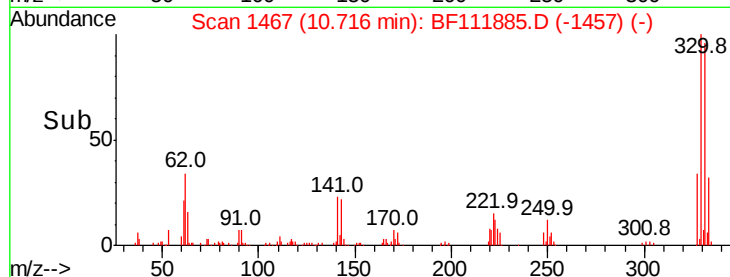
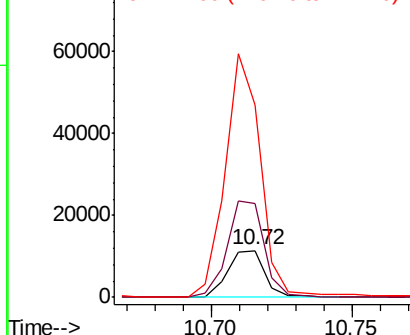
#67
 4-Bromophenyl-phenylether
 Concen: 2.176 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.24 min
 Lab File: BF111885.D
 Acq: 7 Jan 2019 19:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 10413
 Ion Ratio Lower Upper
 248 100
 250 200.1 76.8 115.2#
 141 409.9 57.0 85.6#

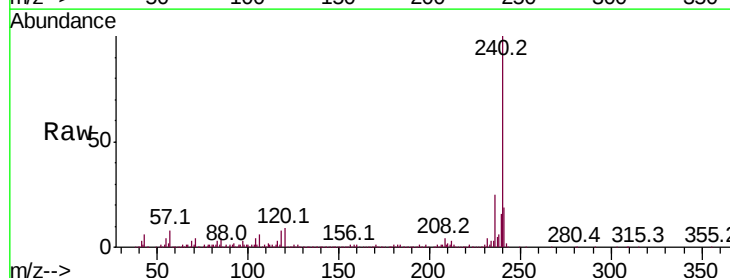


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

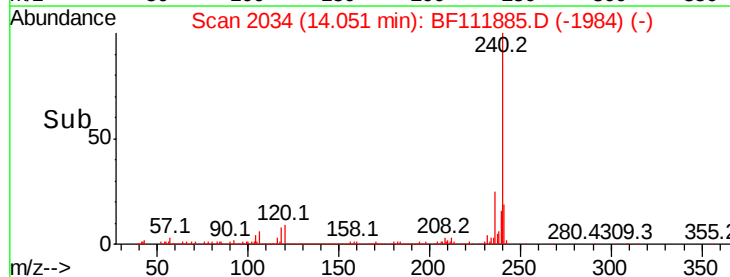
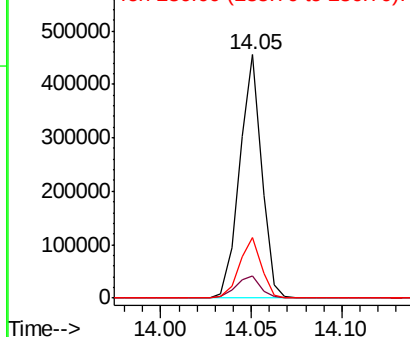


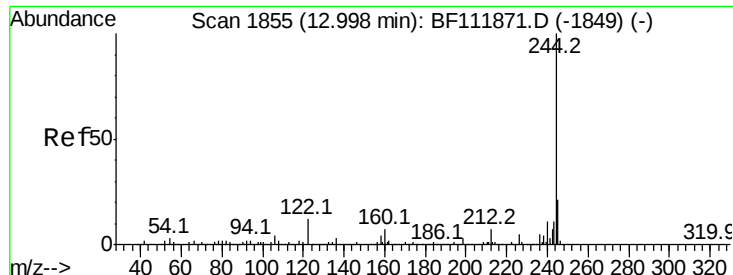
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF111885.D
 Acq: 7 Jan 2019 19:15

Tgt Ion:240 Resp: 383602
 Ion Ratio Lower Upper
 240 100
 120 9.2 8.2 12.2
 236 24.7 20.2 30.4



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: 41.402 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111885.D

Acq: 7 Jan 2019 19:15

Instrument :

BNA_F

ClientSampleId :

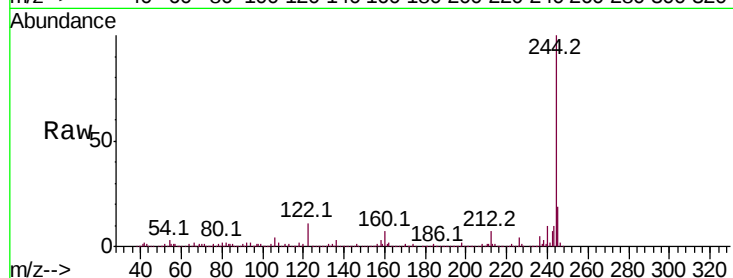
Tot Ion:244 Resp: 836666

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

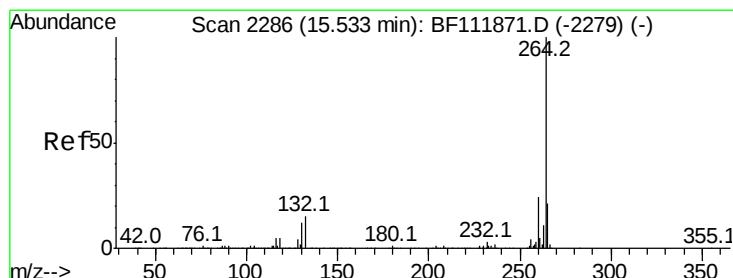
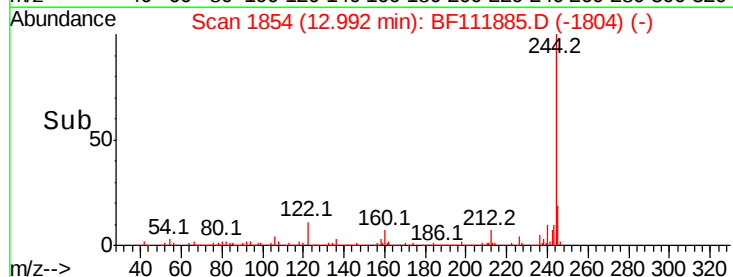
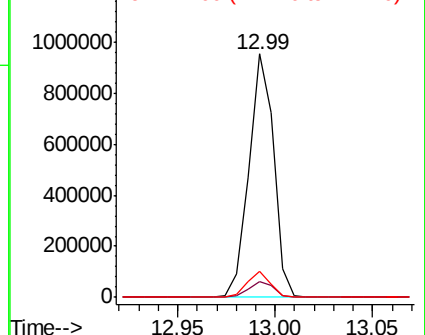
122 10.6 9.5 14.3



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: 15.53 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BF111885.D

Acq: 7 Jan 2019 19:15

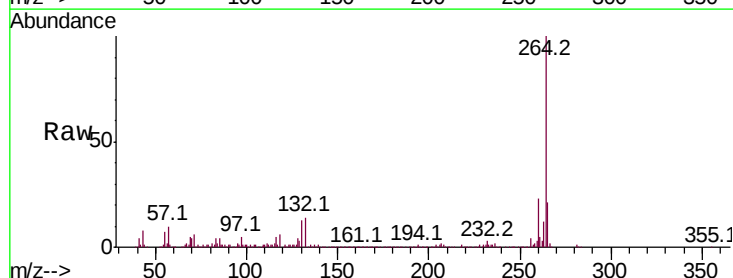
Tgt Ion:264 Resp: 381231

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 21.0 17.1 25.7



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

