

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112019.D
 Acq On : 11 Jan 2019 17:01
 Operator : JU/SJ
 Sample : K1071-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 21:23:07 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

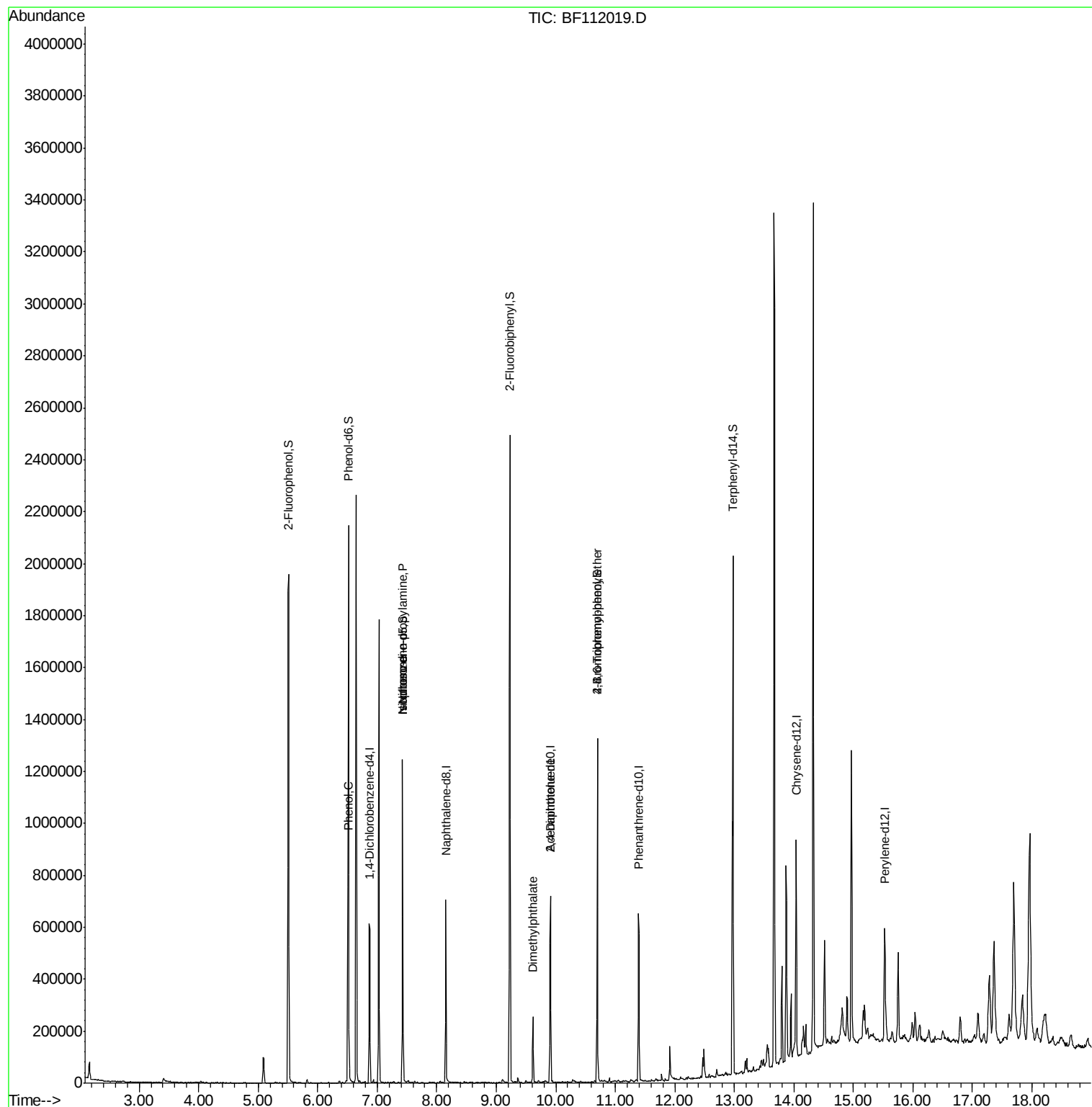
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	92948	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	324764	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	134876	20.00	ng	-0.02
64) Phenanthrene-d10	11.39	188	238673	20.00	ng	-0.02
76) Chrysene-d12	14.04	240	265100	20.00	ng	-0.02
87) Perylene-d12	15.53	264	206917	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	545070	100.33	ng	-0.01
7) Phenol-d6	6.52	99	670156	95.70	ng	-0.02
23) Nitrobenzene-d5	7.43	82	422356	69.51	ng	-0.03
42) 2,4,6-Tribromophenol	10.70	330	157462	89.76	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	696149	75.26	ng	-0.02
79) Terphenyl-d14	12.98	244	657128	47.05	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.42	77	721	Below Cal	Qvalue	# 79
10) Phenol	6.53	94	36464	4.791 ng	#	70
19) n-Nitroso-di-n-propylamine	7.43	70	57607	12.662 ng	#	76
25) Isophorone	7.43	82	422351	42.922 ng	#	65
50) Dimethylphthalate	9.62	163	87941	8.680 ng		98
57) 2,4-Dinitrotoluene	9.91	165	17256	5.894 ng	#	26
67) 4-Bromophenyl-phenylether	10.70	248	9597	3.104 ng	#	1

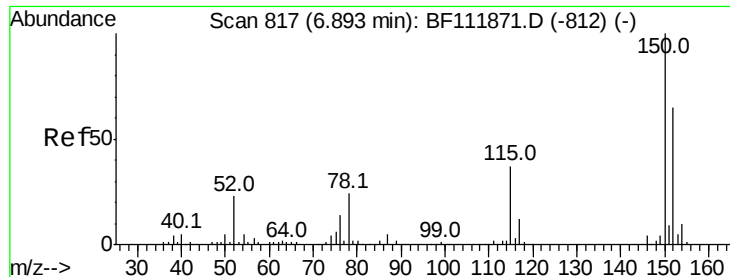
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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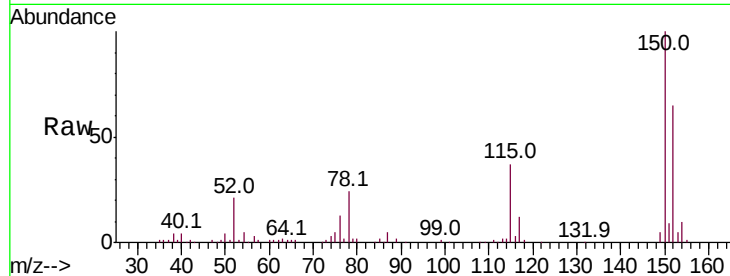


#1

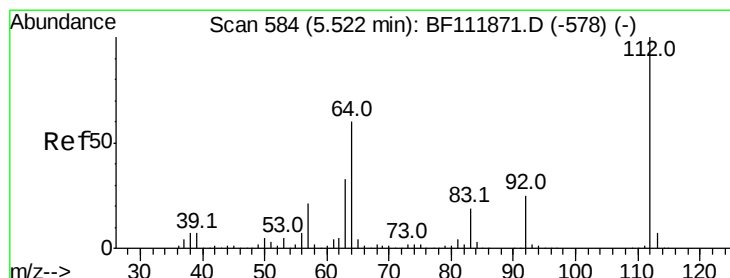
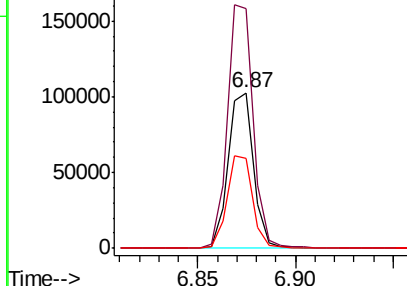
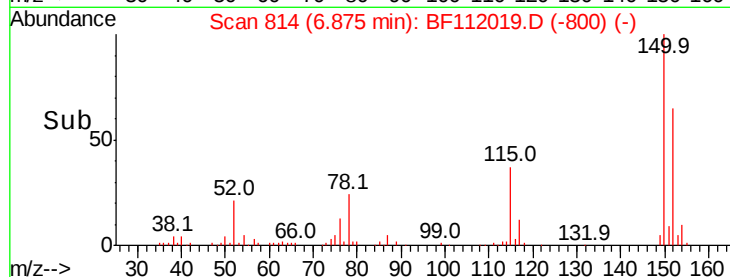
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF112019.D
Acq: 11 Jan 2019 17:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 92948
Ion Ratio Lower Upper
152 100
150 154.2 122.7 184.1
115 57.5 45.2 67.8



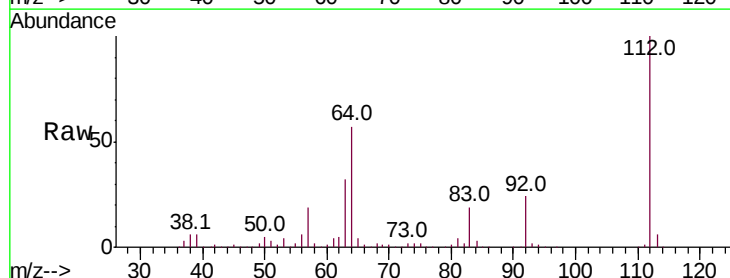
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



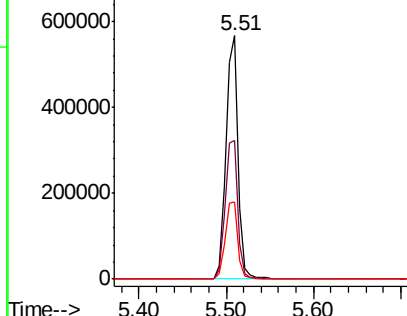
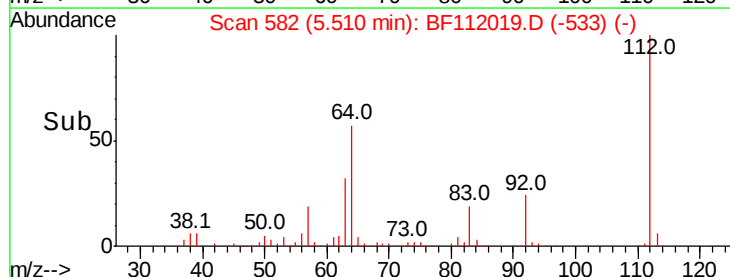
#5

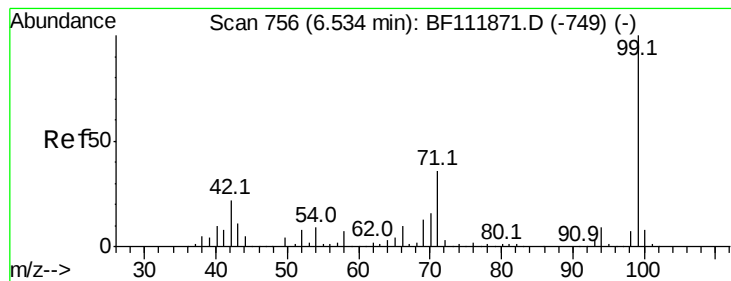
2-Fluorophenol
Concen: 100.326 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF112019.D
Acq: 11 Jan 2019 17:01

Tgt Ion:112 Resp: 545070
Ion Ratio Lower Upper
112 100
64 57.0 48.3 72.5
63 31.5 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: 95.703 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF112019.D

Acq: 11 Jan 2019 17:01

Instrument :

BNA_F

ClientSampled :

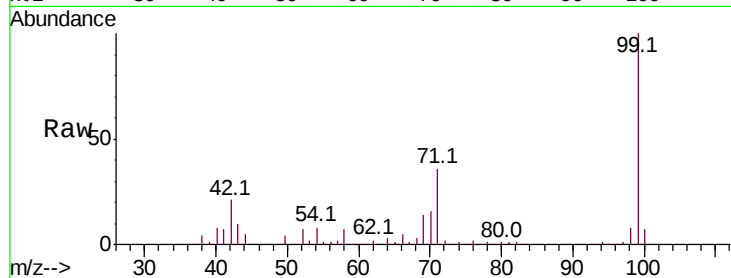
Tot Ion: 99 Resp: 670156

Ion Ratio Lower Upper

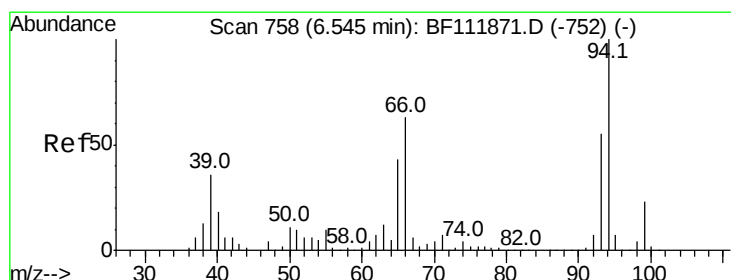
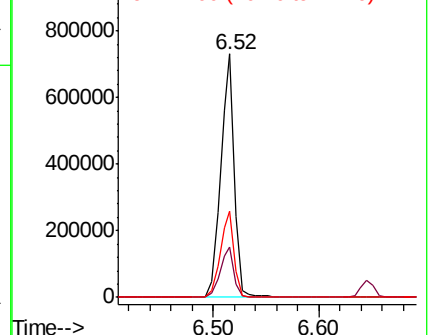
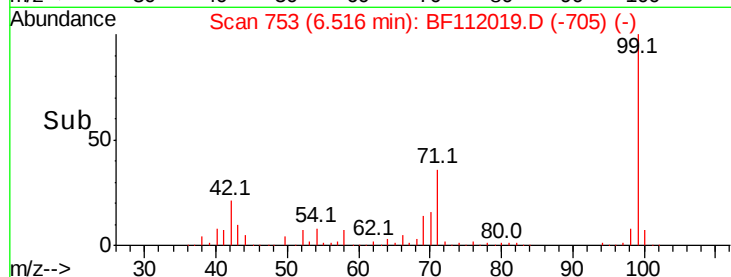
99 100

42 20.6 17.9 26.9

71 35.6 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



#10

Phenol

Concen: 4.791 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF112019.D

Acq: 11 Jan 2019 17:01

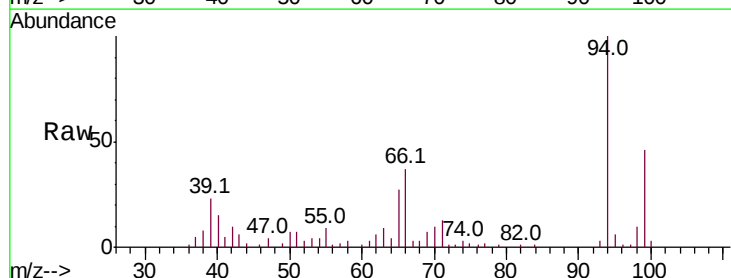
Tgt Ion: 94 Resp: 36464

Ion Ratio Lower Upper

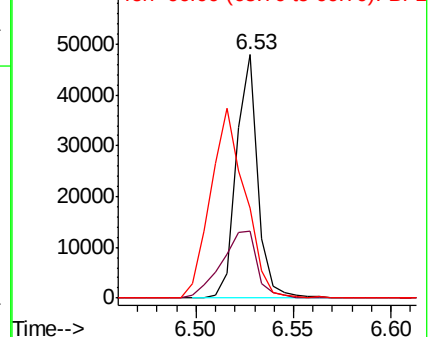
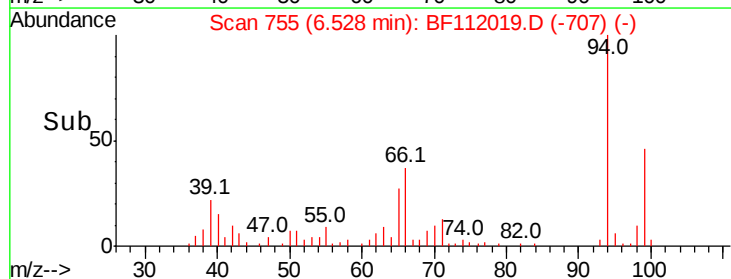
94 100

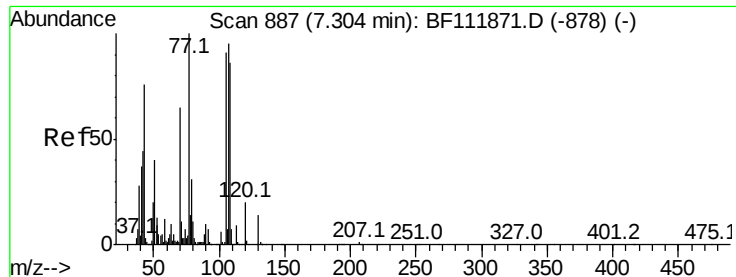
65 27.4 22.8 62.8

66 37.1 43.3 83.3#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

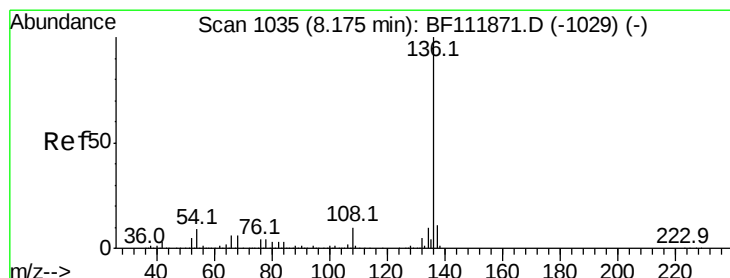
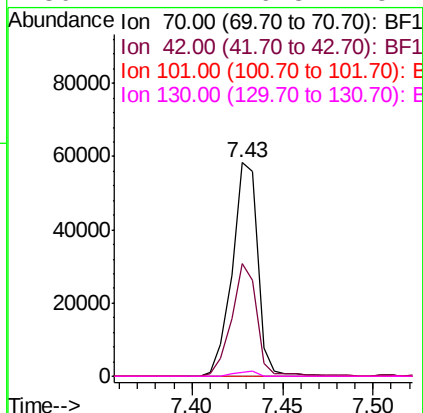
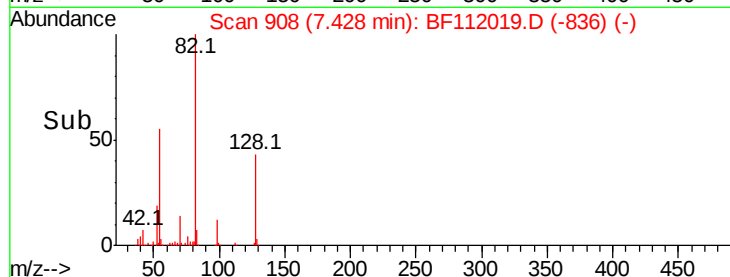
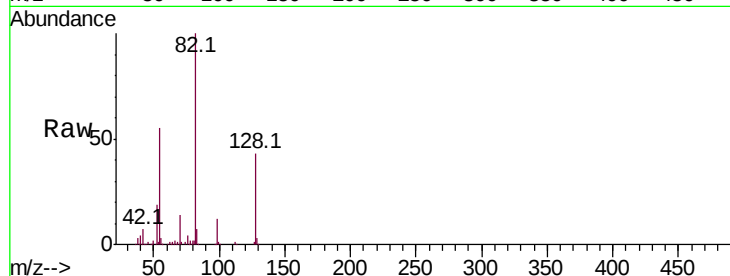




#19
n-Nitroso-di-n-propylamine
Concen: 12.662 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.12 min
Lab File: BF112019.D
Acq: 11 Jan 2019 17:01

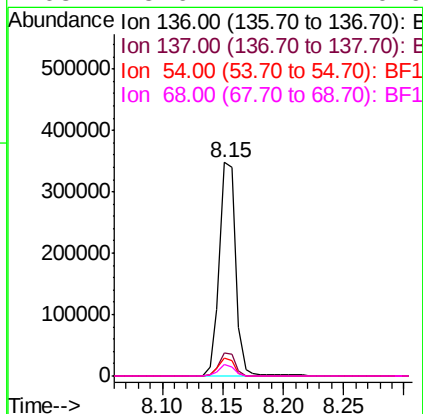
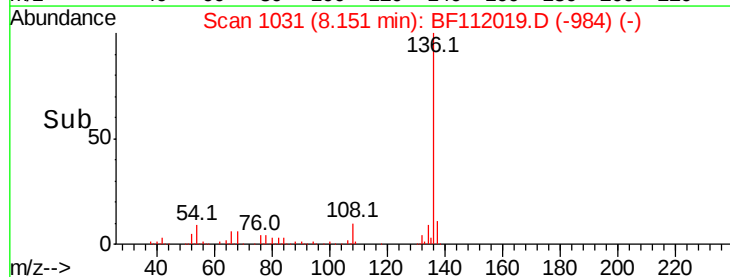
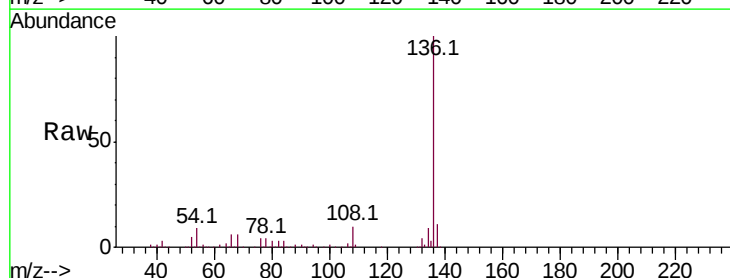
Instrument :
BNA_F
ClientSampleId :

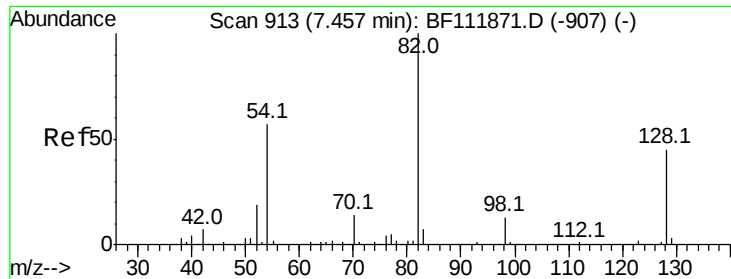
Tot Ion	Ratio	Lower	Upper
70	100		
42	52.5	53.6	80.4#
101	0.0	7.3	10.9#
130	2.1	16.8	25.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF112019.D
Acq: 11 Jan 2019 17:01

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	8.6	7.2	10.8
68	5.6	4.4	6.6

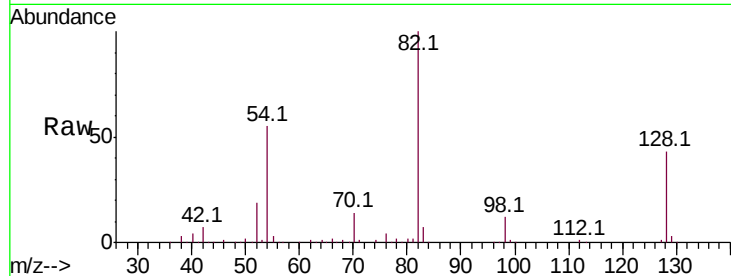




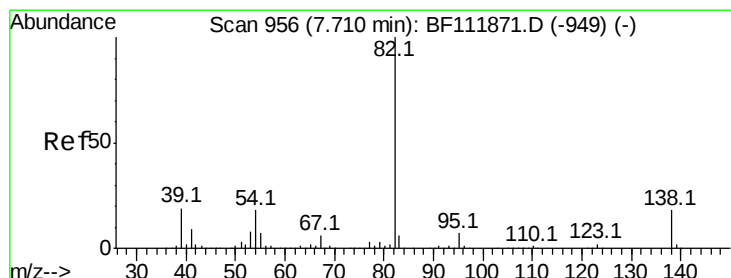
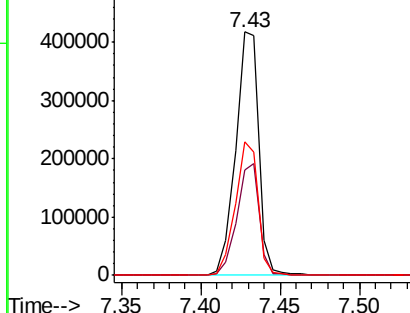
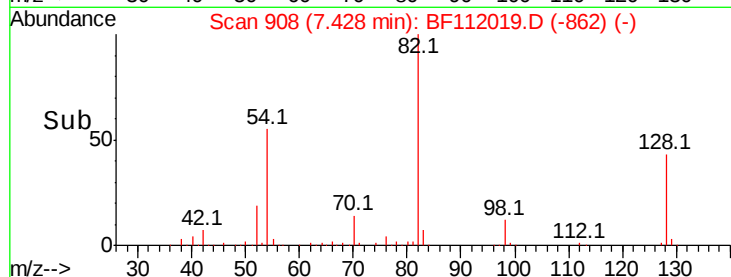
#23
 Nitrobenzene-d5
 Concen: 69.506 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.03 min
 Lab File: BF112019.D
 Acq: 11 Jan 2019 17:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.7	53.5
54	54.8	45.8	68.8

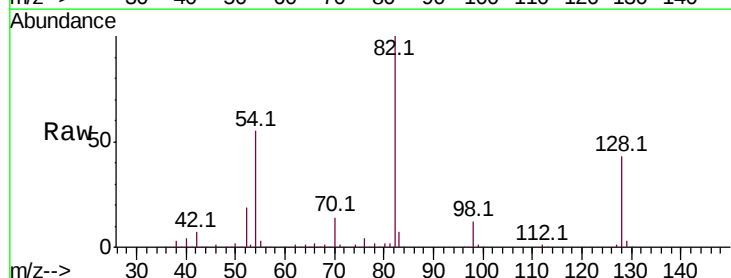


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

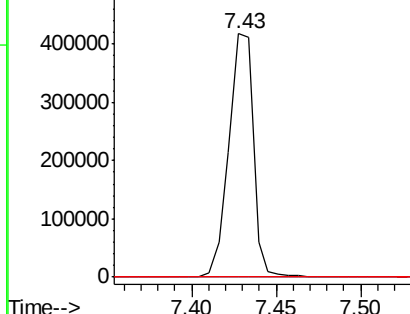
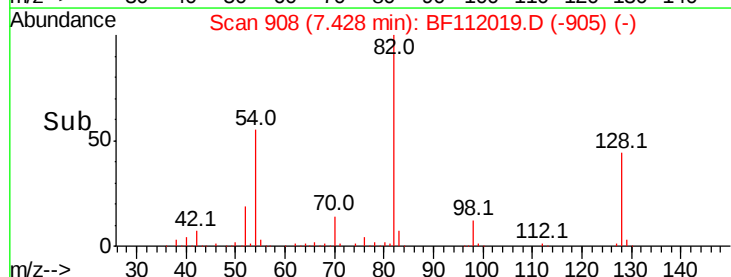


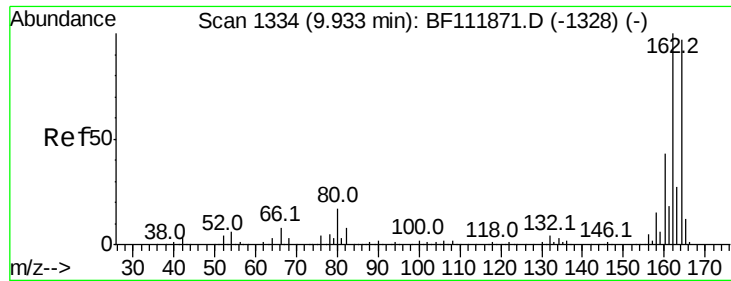
#25
 Isophorone
 Concen: 42.922 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.28 min
 Lab File: BF112019.D
 Acq: 11 Jan 2019 17:01

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	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

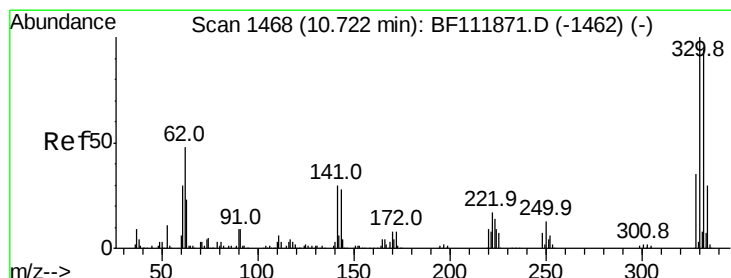
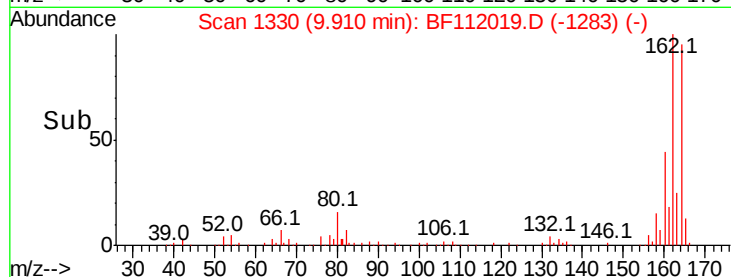
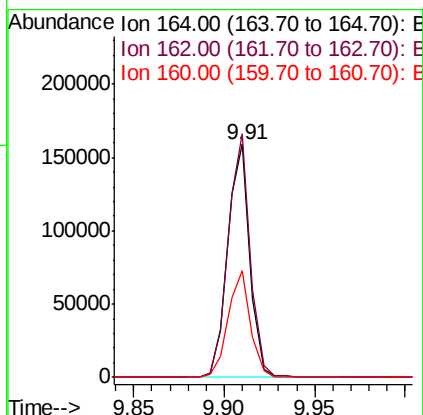
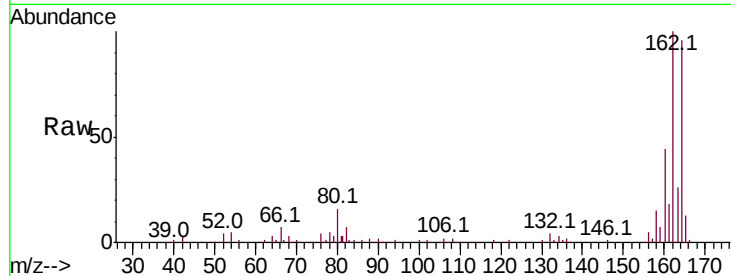




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.02 min
 Lab File: BF112019.D
 Acq: 11 Jan 2019 17:01

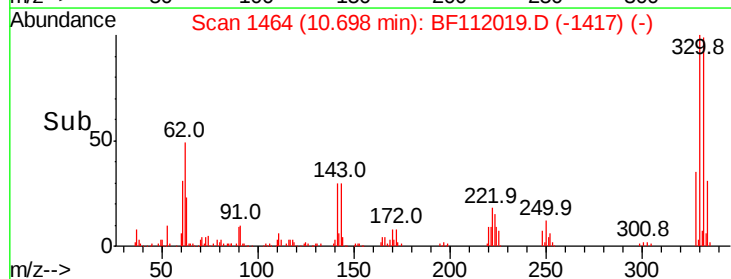
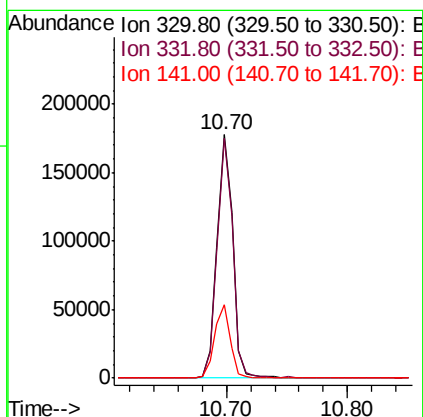
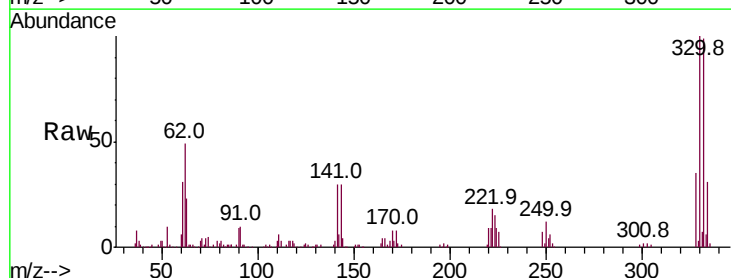
Instrument :
 BNA_F
 ClientSampleId :

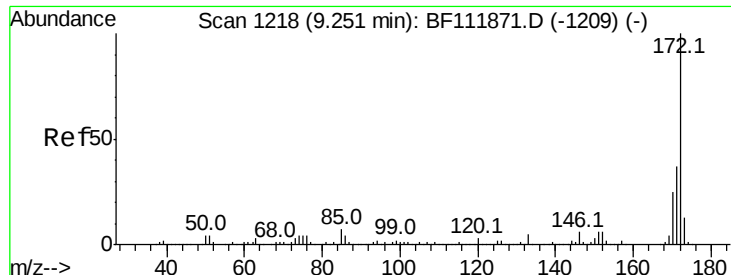
Tot Ion:164 Resp: 134876
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.2 123.2
 160 45.6 35.5 53.3



#42
 2,4,6-Tribromophenol
 Concen: 89.756 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF112019.D
 Acq: 11 Jan 2019 17:01

Tgt Ion:330 Resp: 157462
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.9 115.3
 141 29.9 23.7 35.5

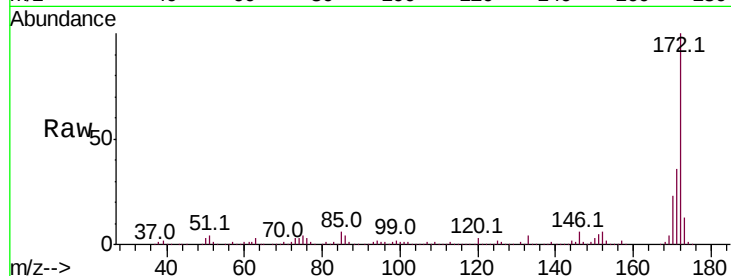




#45
2-Fluorobiphenyl
Concen: 75.264 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF112019.D
Acq: 11 Jan 2019 17:01

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.4	19.8	29.8

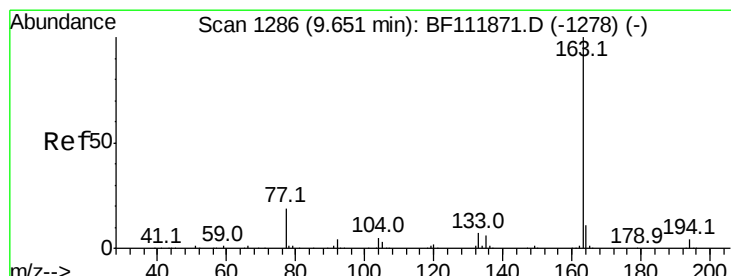
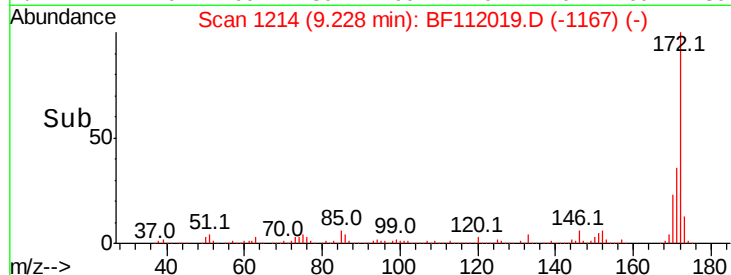
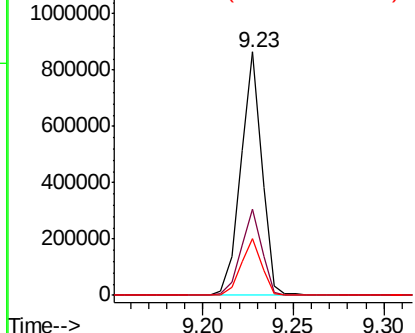


Abundance

Ion 172.00 (171.70 to 172.70): E

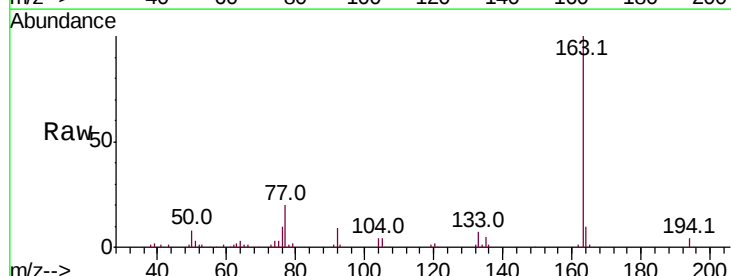
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 8.680 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BF112019.D
Acq: 11 Jan 2019 17:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	9.9	8.5	12.7

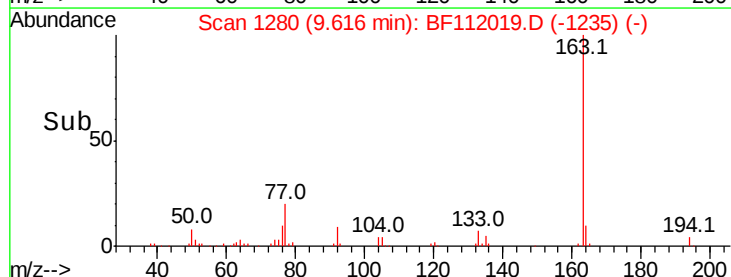
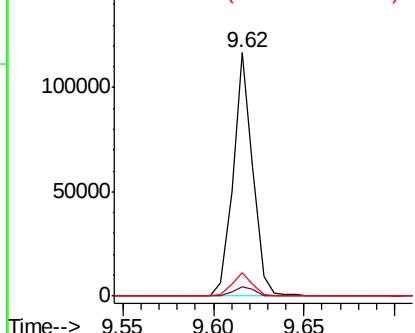


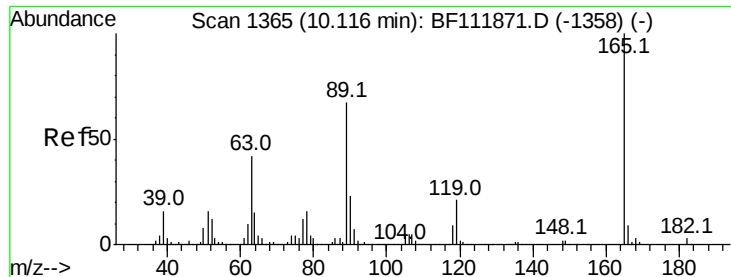
Abundance

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

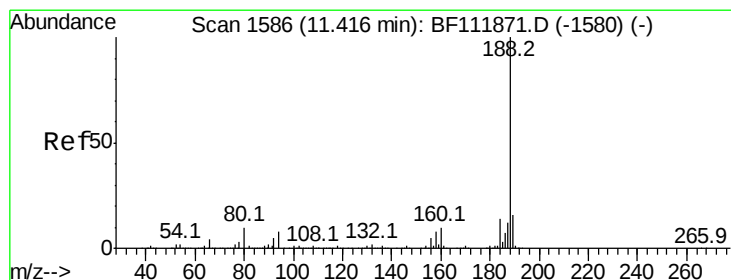
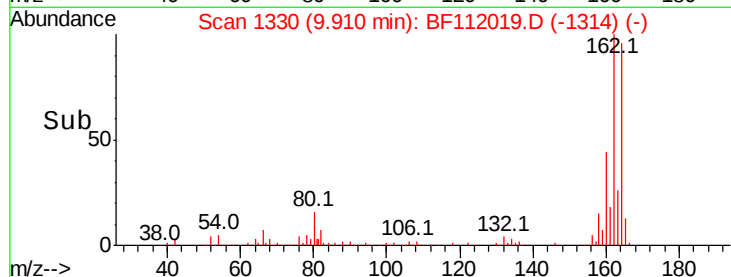
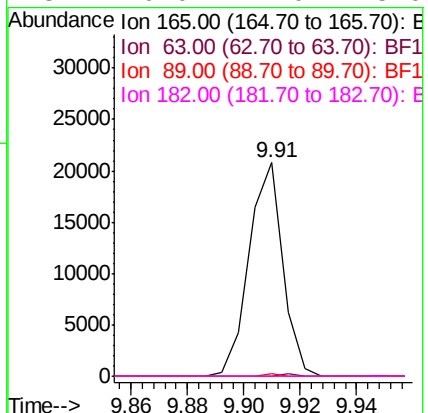
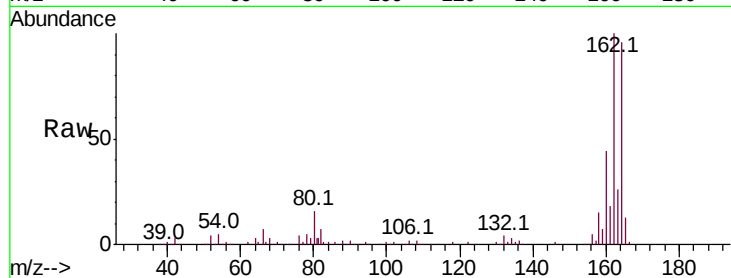




#57
 2,4-Dinitrotoluene
 Concen: 5.894 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.21 min
 Lab File: BF112019.D
 Acq: 11 Jan 2019 17:01

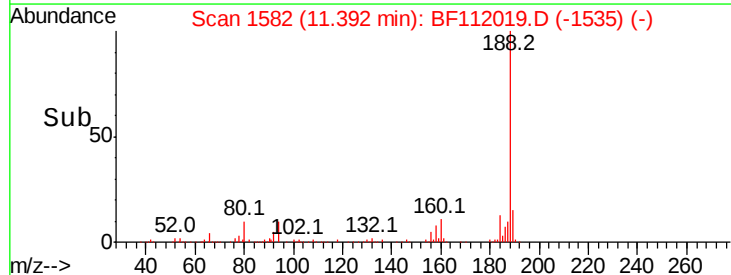
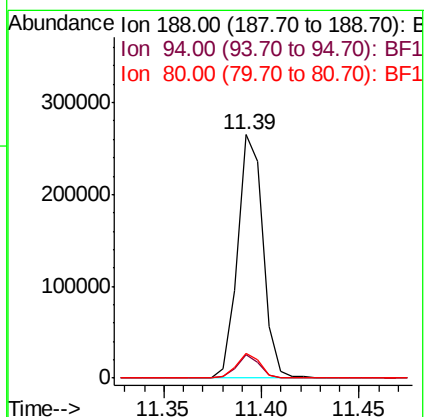
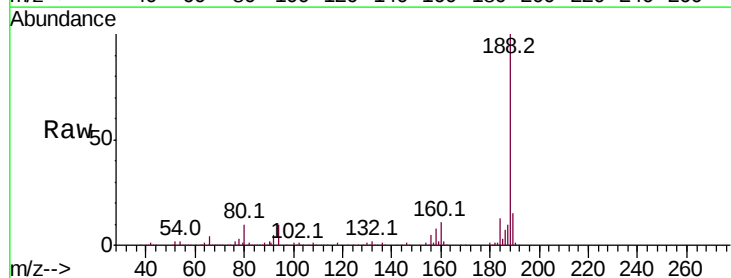
Instrument :
 BNA_F
 ClientSampleId :

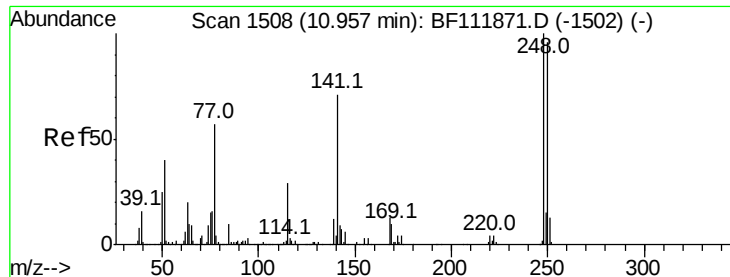
Tot Ion:165 Resp: 17256
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.1 51.1#
 89 1.4 53.5 80.3#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.02 min
 Lab File: BF112019.D
 Acq: 11 Jan 2019 17:01

Tgt Ion:188 Resp: 238673
 Ion Ratio Lower Upper
 188 100
 94 9.6 6.6 10.0
 80 10.2 7.7 11.5

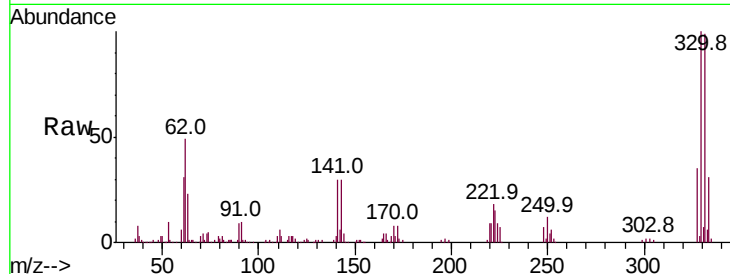




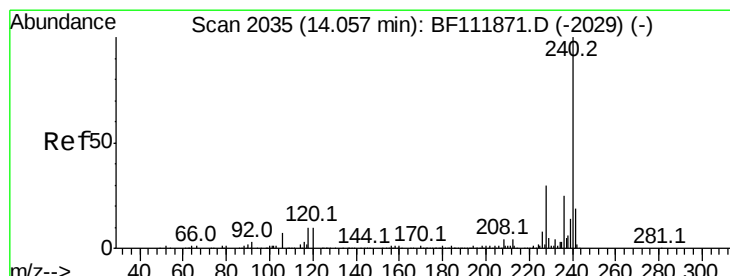
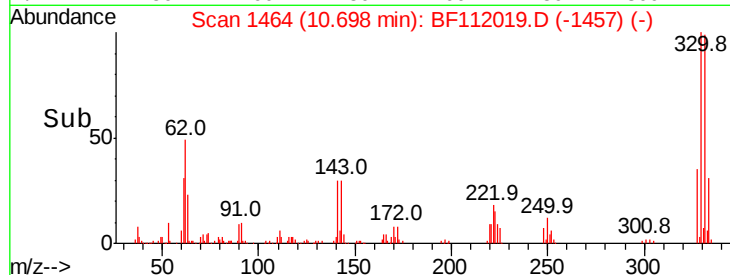
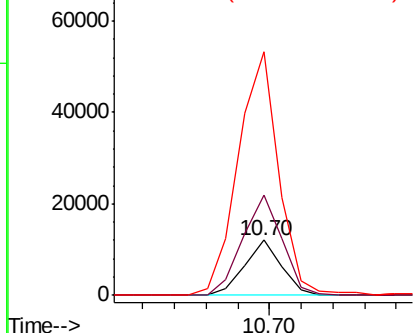
#67
4-Bromophenyl-phenylether
Concen: 3.104 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.26 min
Lab File: BF112019.D
Acq: 11 Jan 2019 17:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9597
Ion Ratio Lower Upper
248 100
250 182.4 76.8 115.2#
141 442.0 57.0 85.6#

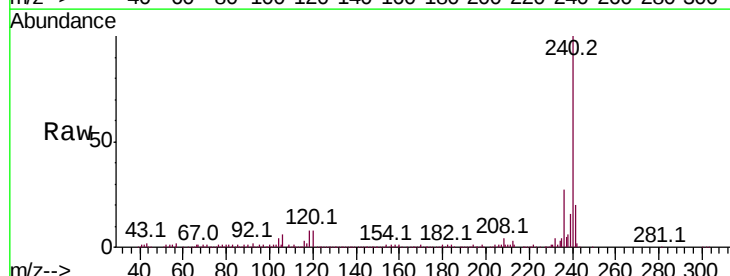


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

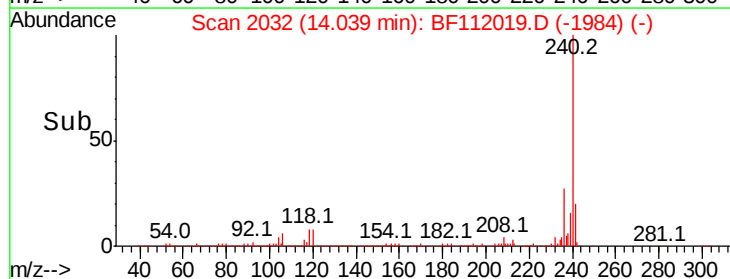
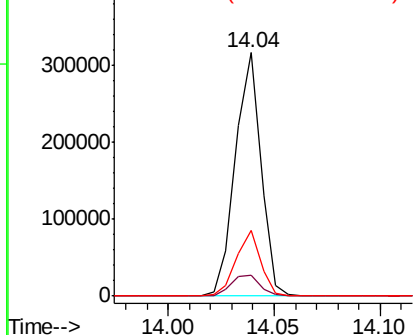


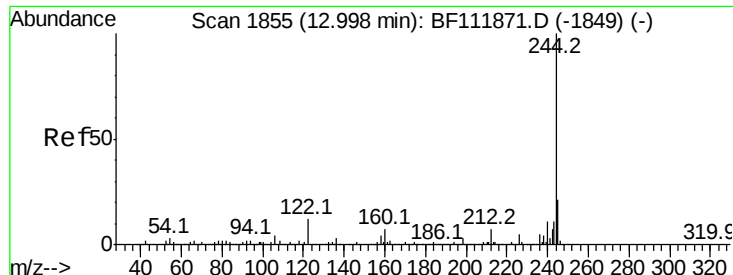
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BF112019.D
Acq: 11 Jan 2019 17:01

Tgt Ion:240 Resp: 265100
Ion Ratio Lower Upper
240 100
120 8.5 8.2 12.2
236 26.9 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: 47.053 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF112019.D

Acq: 11 Jan 2019 17:01

Instrument :

BNA_F

ClientSampled :

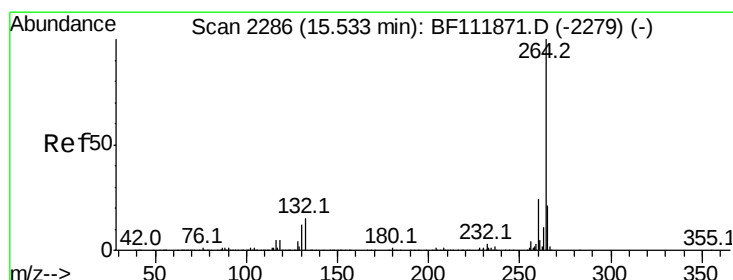
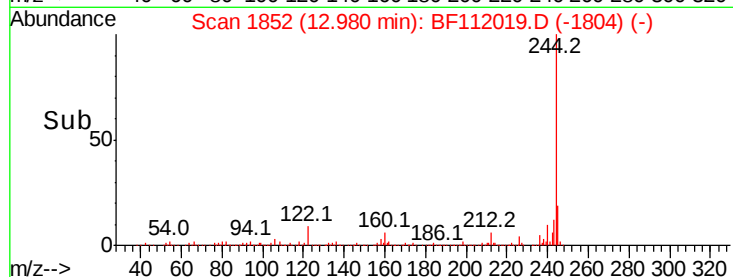
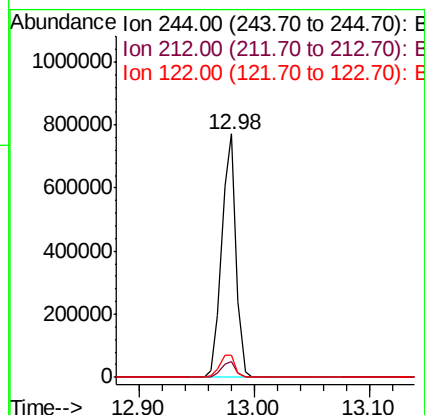
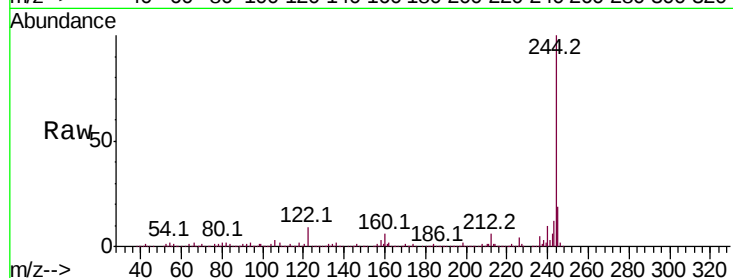
Tot Ion:244 Resp: 657128

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

122 8.9 9.5 14.3#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BF112019.D

Acq: 11 Jan 2019 17:01

Tgt Ion:264 Resp: 206917

Ion Ratio Lower Upper

264 100

260 22.2 19.2 28.8

265 20.9 17.1 25.7

