

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111949.D
 Acq On : 9 Jan 2019 15:11
 Operator : JU/SJ
 Sample : K1006-01 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 10 01:52:02 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

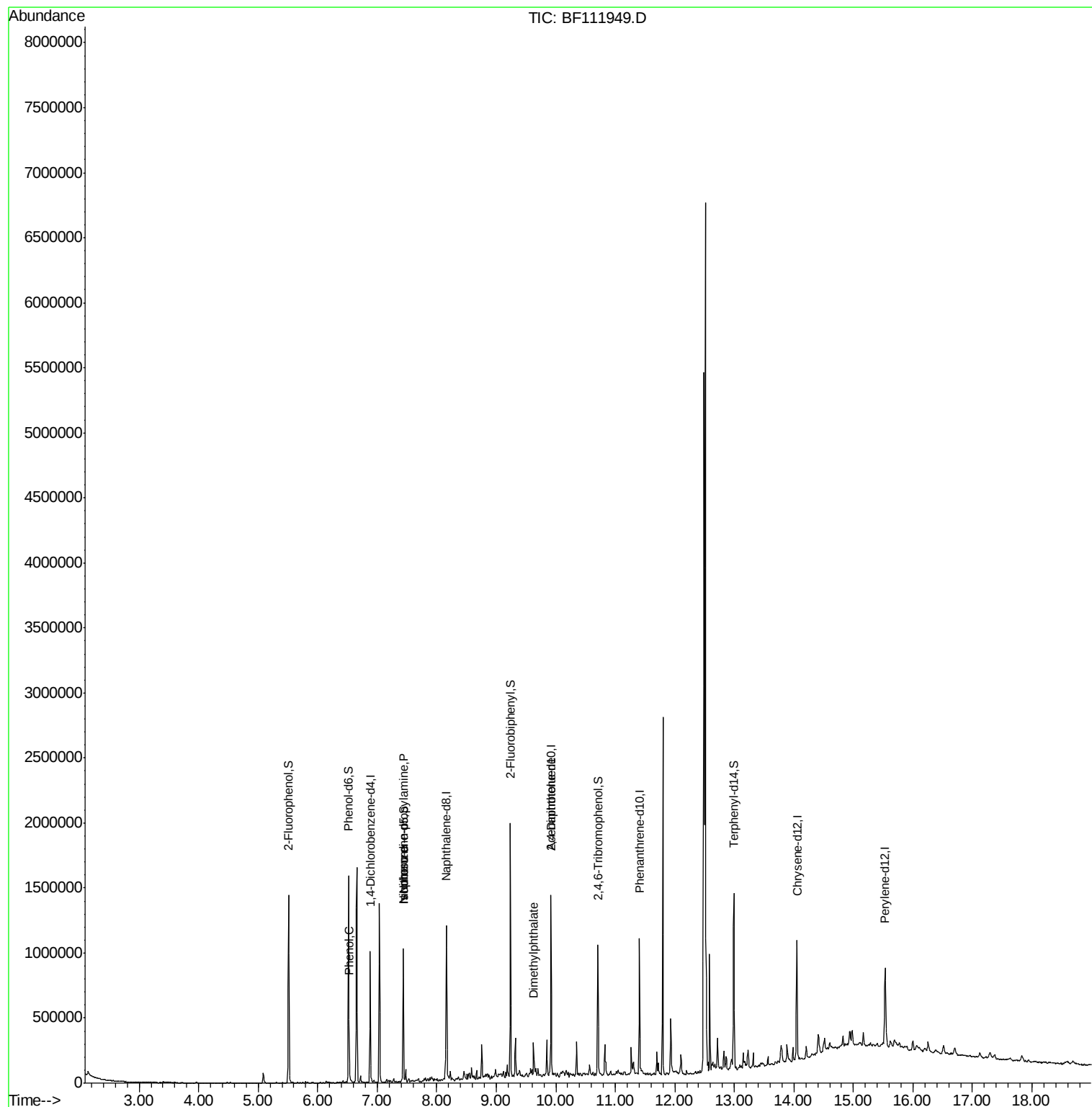
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	133625	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	520091	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	252986	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	403664	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	340245	20.00	ng	0.00
87) Perylene-d12	15.53	264	293399	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	360392	46.14	ng	-0.01
7) Phenol-d6	6.52	99	479003	47.58	ng	-0.01
23) Nitrobenzene-d5	7.44	82	297813	30.60	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	122655	37.27	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	562972	32.45	ng	-0.01
79) Terphenyl-d14	12.99	244	438049	24.44	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	976	Below Cal		Qvalue # 1
10) Phenol	6.53	94	22549	2.061 ng	#	74
19) n-Nitroso-di-n-propylamine	7.44	70	41706	6.376 ng	#	77
25) Isophorone	7.44	82	295407	18.746 ng	#	65
50) Dimethylphthalate	9.63	163	70880	3.730 ng		98
57) 2,4-Dinitrotoluene	9.92	165	36003	6.556 ng	#	27

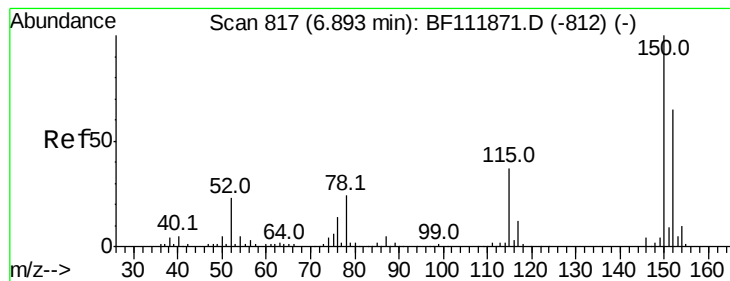
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Response via : Initial Calibration



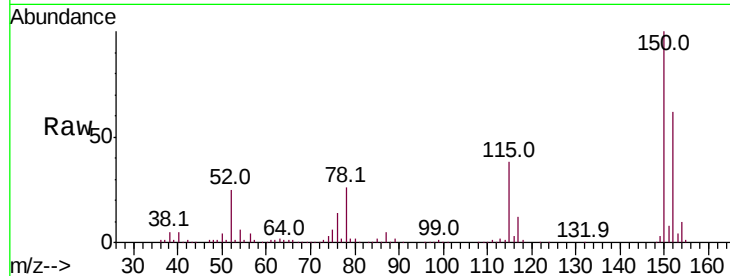


#1

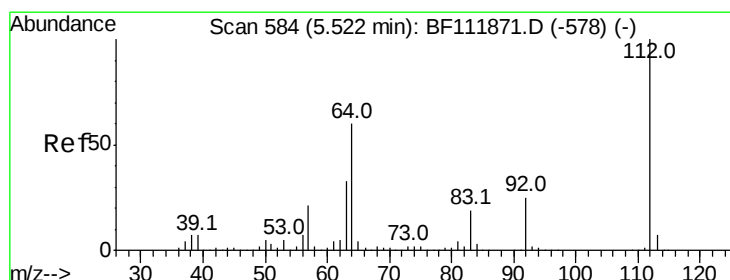
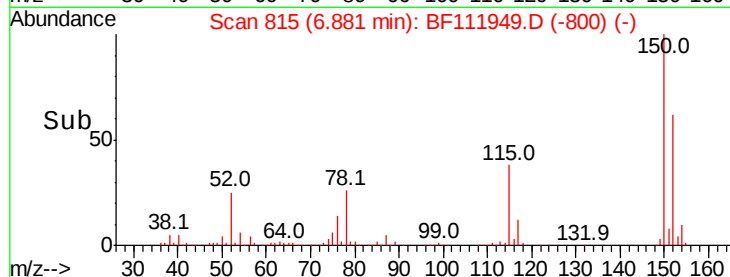
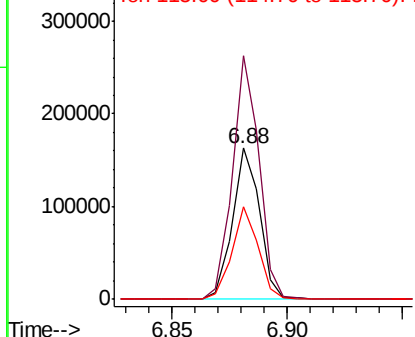
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF111949.D
Acq: 9 Jan 2019 15:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 133625
Ion Ratio Lower Upper
152 100
150 161.1 122.7 184.1
115 61.4 45.2 67.8



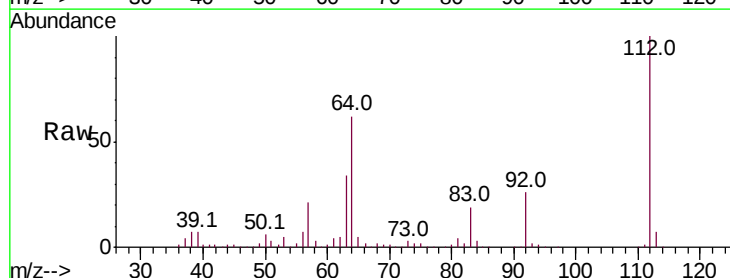
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



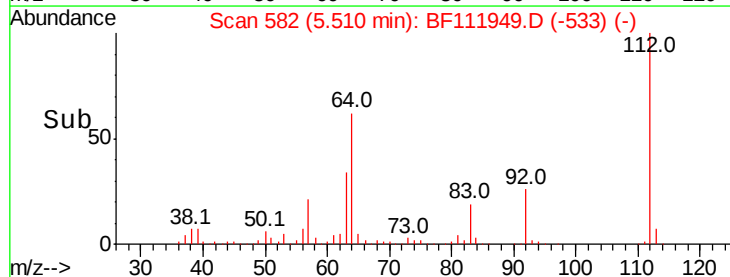
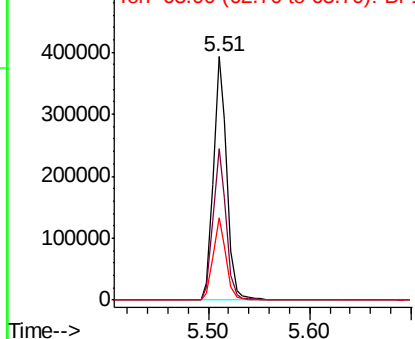
#5

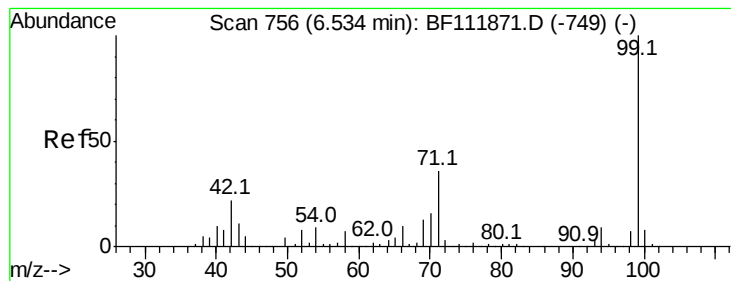
2-Fluorophenol
Concen: 46.141 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111949.D
Acq: 9 Jan 2019 15:11

Tgt Ion:112 Resp: 360392
Ion Ratio Lower Upper
112 100
64 62.1 48.3 72.5
63 34.1 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: 47.582 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111949.D

Acq: 9 Jan 2019 15:11

Instrument :

BNA_F

ClientSampleId :

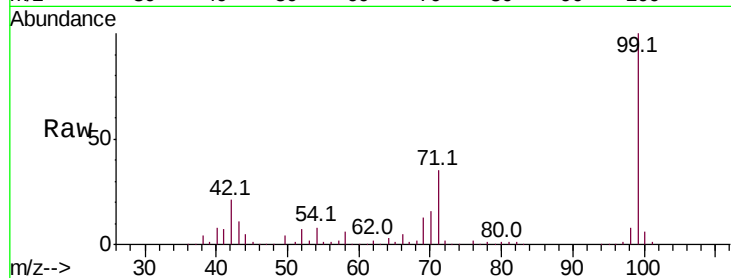
Tot Ion: 99 Resp: 479003

Ion Ratio Lower Upper

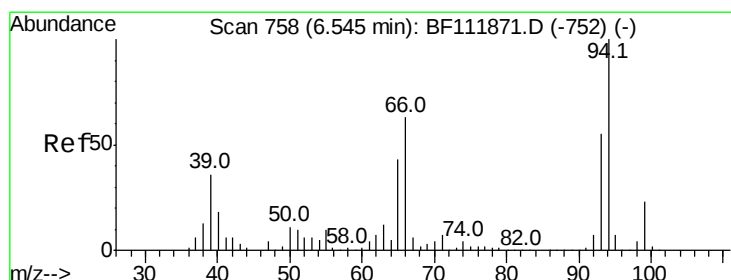
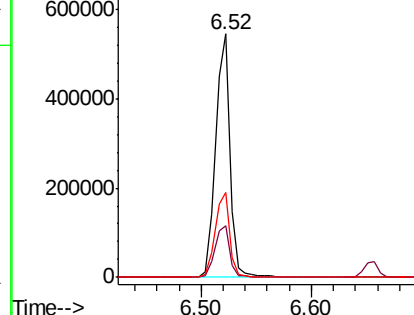
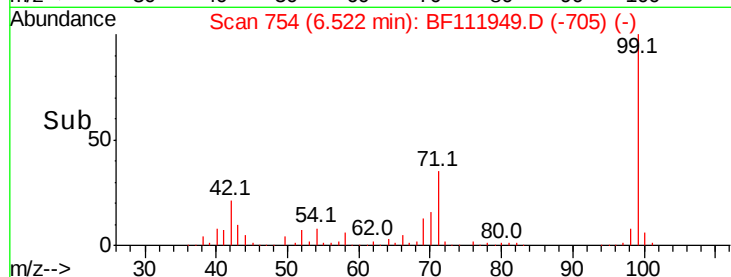
99 100

42 21.0 17.9 26.9

71 34.9 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: 2.061 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF111949.D

Acq: 9 Jan 2019 15:11

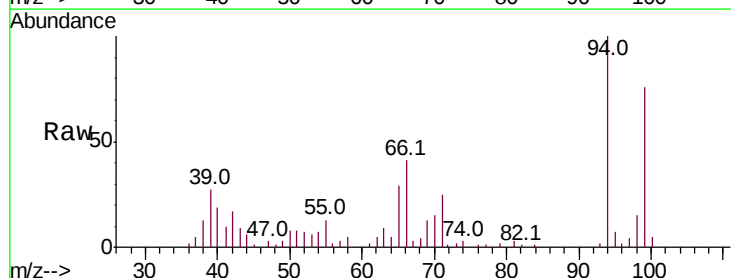
Tgt Ion: 94 Resp: 22549

Ion Ratio Lower Upper

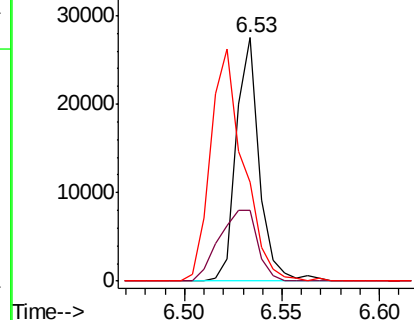
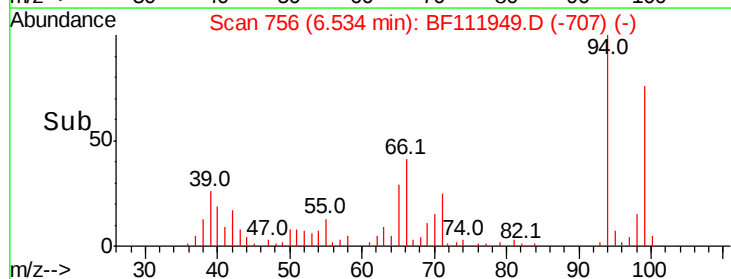
94 100

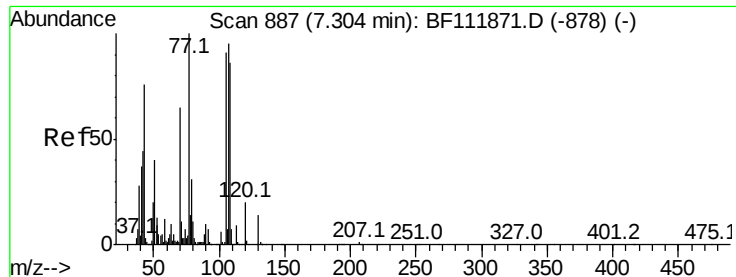
65 29.2 22.8 62.8

66 40.5 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

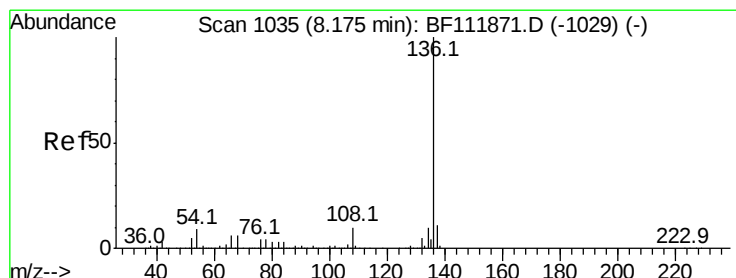
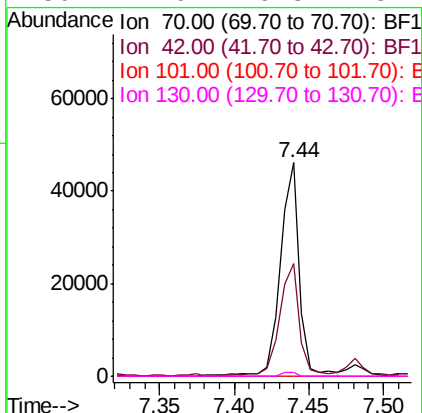
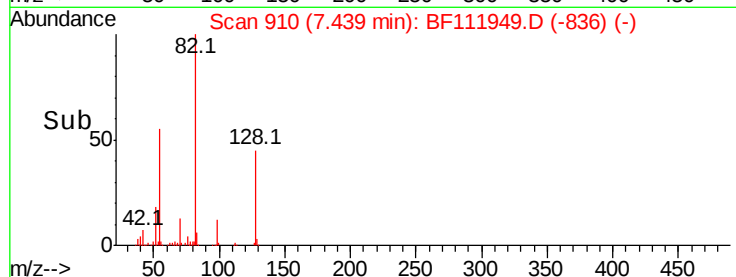
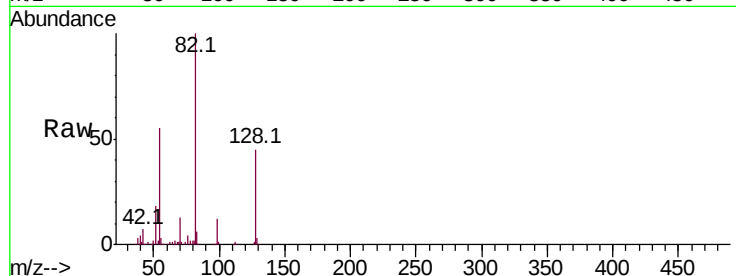




#19
n-Nitroso-di-n-propylamine
Concen: 6.376 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF111949.D
Acq: 9 Jan 2019 15:11

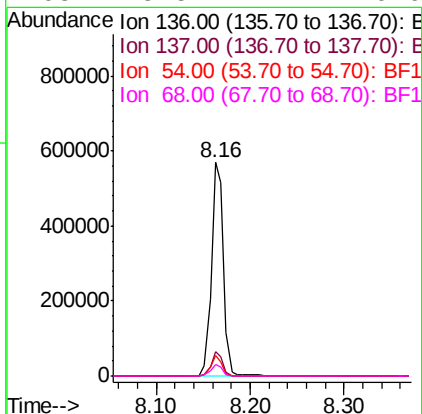
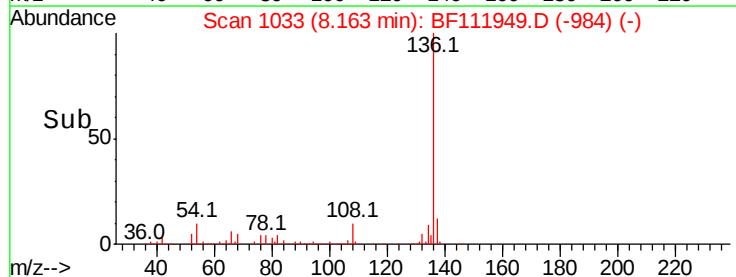
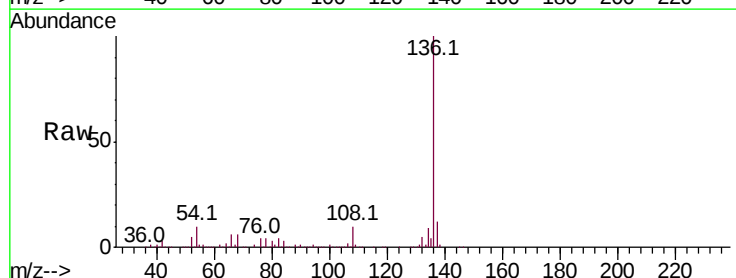
Instrument :
BNA_F
ClientSampleId :

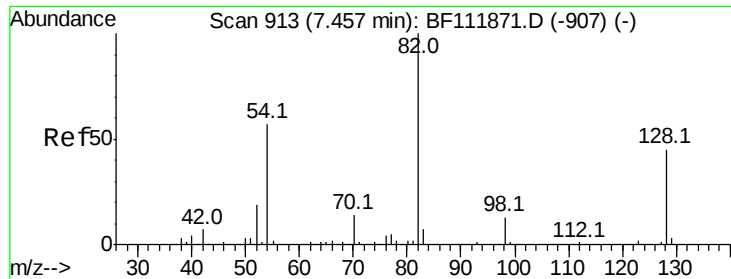
Tot Ion: 70 Resp: 41706
Ion Ratio Lower Upper
70 100
42 52.8 53.6 80.4#
101 0.0 7.3 10.9#
130 1.9 16.8 25.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF111949.D
Acq: 9 Jan 2019 15:11

Tgt Ion: 136 Resp: 520091
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 9.7 7.2 10.8
68 5.5 4.4 6.6

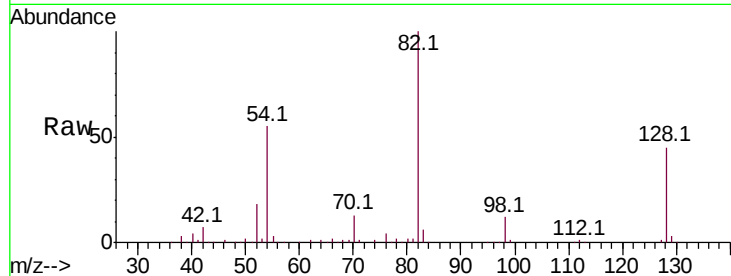




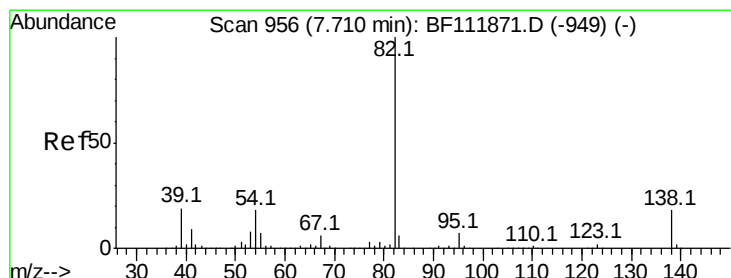
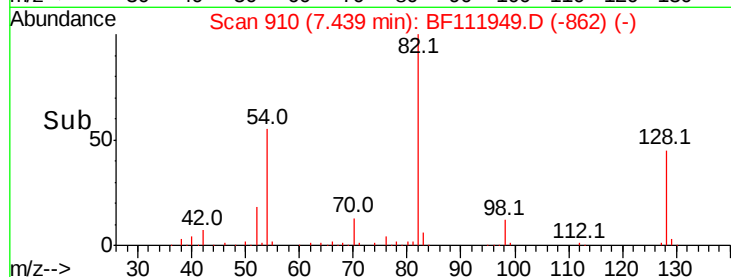
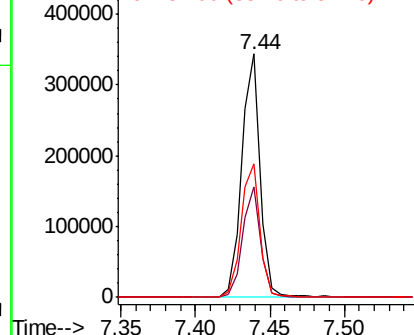
#23
Nitrobenzene-d5
Concen: 30.604 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111949.D
Acq: 9 Jan 2019 15:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.7	53.5
54	54.8	45.8	68.8

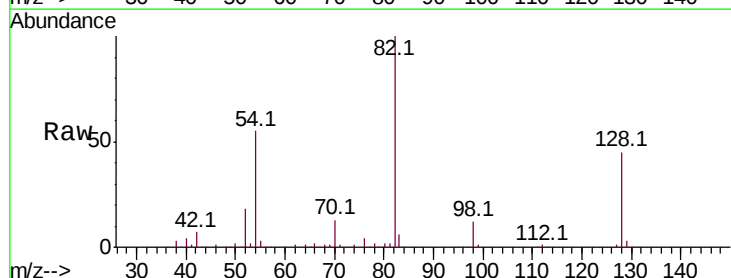


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

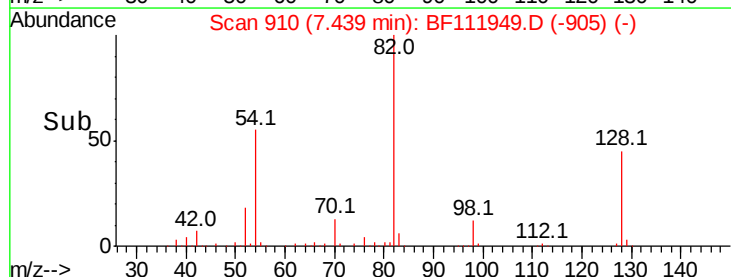
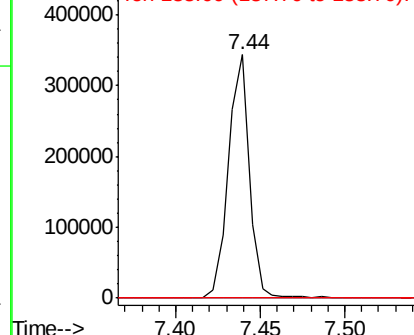


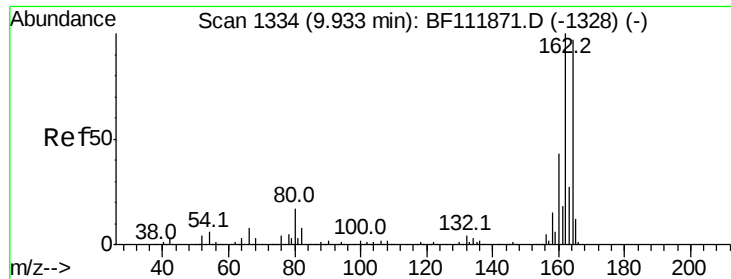
#25
Isophorone
Concen: 18.746 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF111949.D
Acq: 9 Jan 2019 15:11

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.2	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: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF111949.D

Acq: 9 Jan 2019 15:11

Instrument :

BNA_F

ClientSampleId :

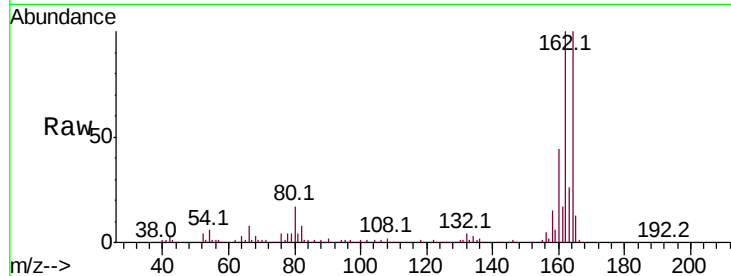
Tot Ion:164 Resp: 252986

Ion Ratio Lower Upper

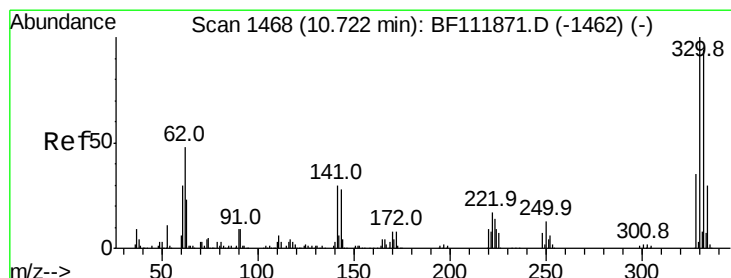
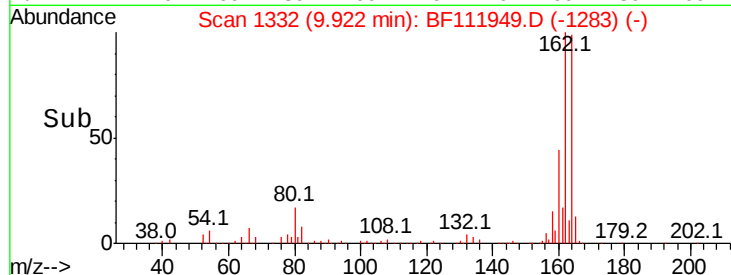
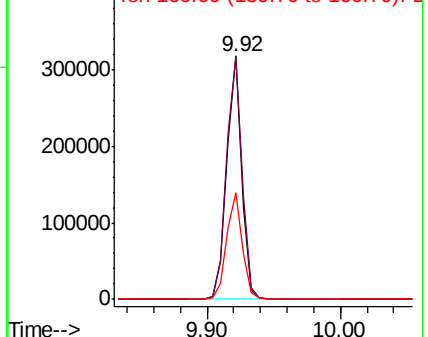
164 100

162 99.7 82.2 123.2

160 43.8 35.5 53.3



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: 37.275 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF111949.D

Acq: 9 Jan 2019 15:11

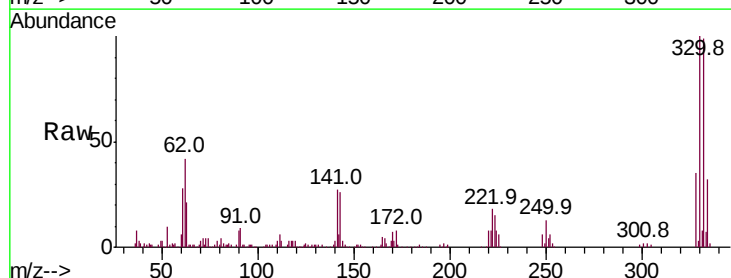
Tgt Ion:330 Resp: 122655

Ion Ratio Lower Upper

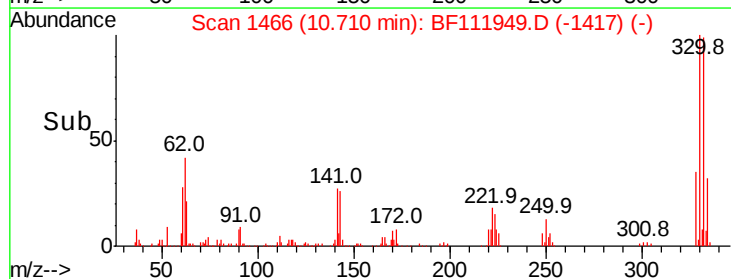
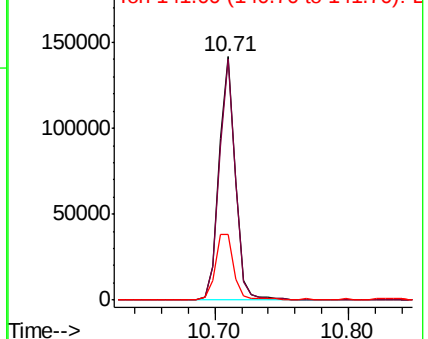
330 100

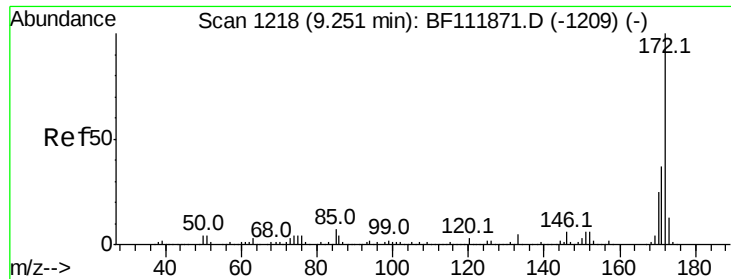
332 97.8 76.9 115.3

141 30.3 23.7 35.5



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

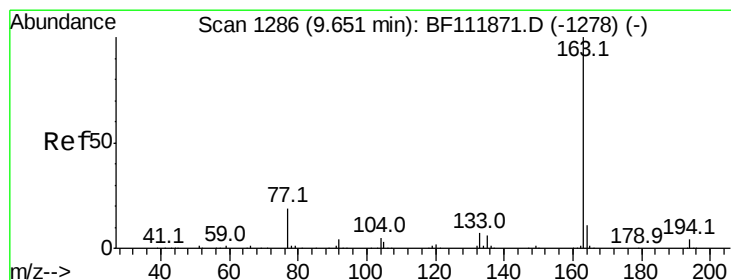
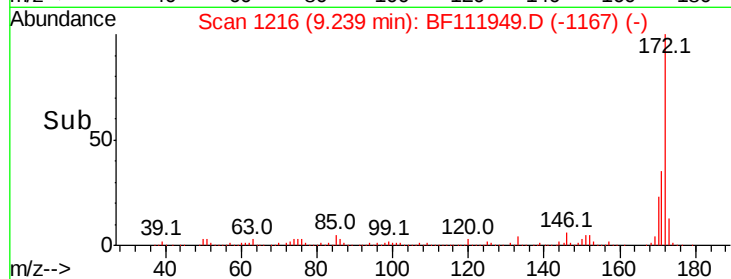
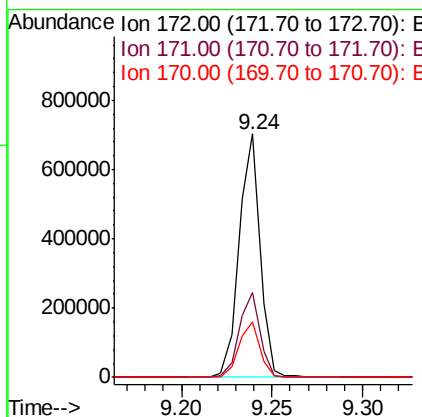
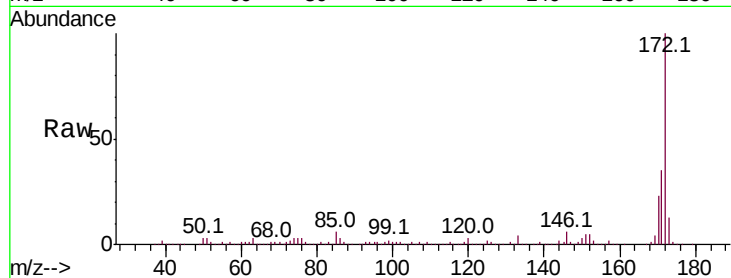




#45
2-Fluorobiphenyl
Concen: 32.449 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111949.D
Acq: 9 Jan 2019 15:11

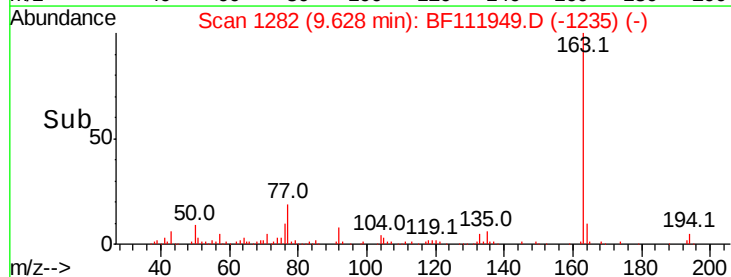
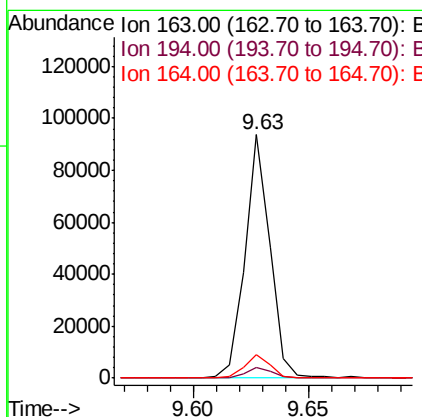
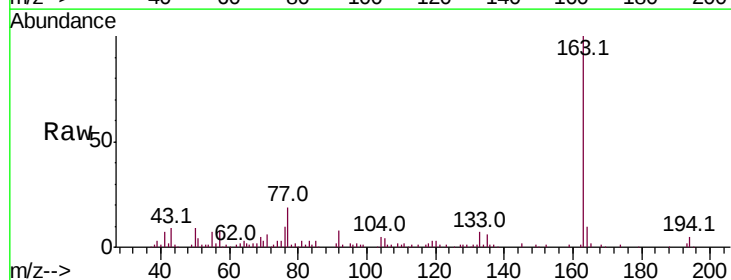
Instrument :
BNA_F
ClientSampleId :

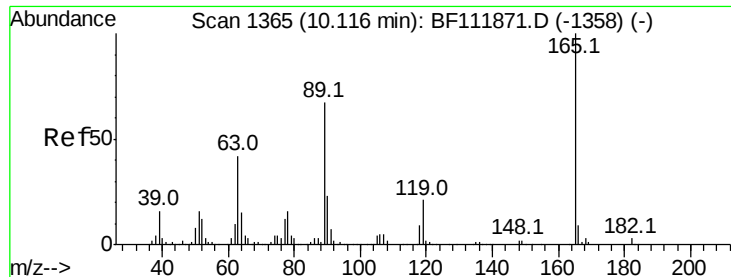
Tot Ion:172 Resp: 562972
Ion Ratio Lower Upper
172 100
171 34.8 29.6 44.4
170 23.0 19.8 29.8



#50
Dimethylphthalate
Concen: 3.730 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111949.D
Acq: 9 Jan 2019 15:11

Tgt Ion:163 Resp: 70880
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 9.8 8.5 12.7

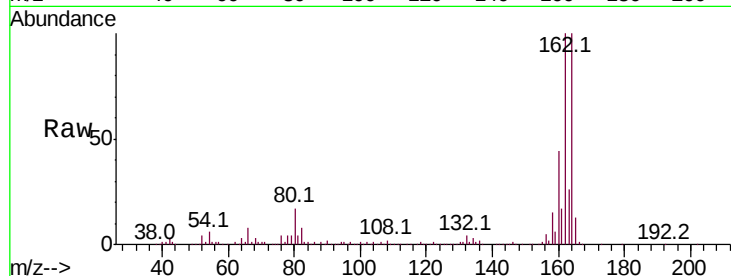




#57
 2,4-Dinitrotoluene
 Concen: 6.556 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.19 min
 Lab File: BF111949.D
 Acq: 9 Jan 2019 15:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.1	51.1#
89	1.7	53.5	80.3#
182	0.0	2.0	3.0#



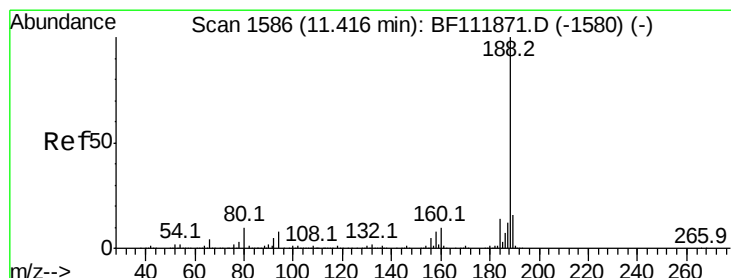
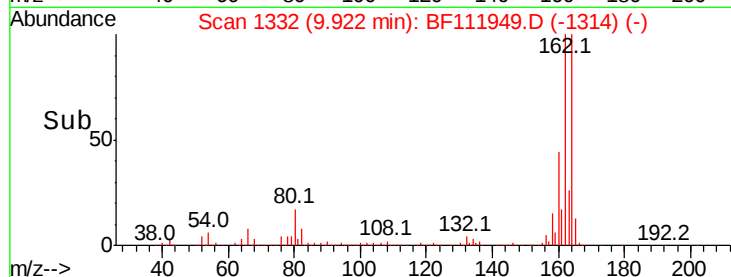
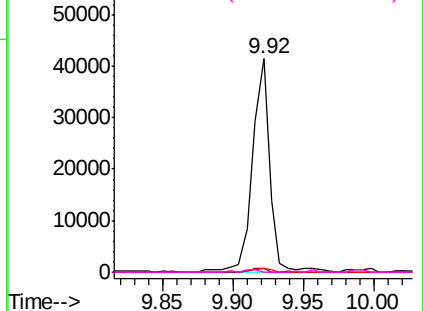
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

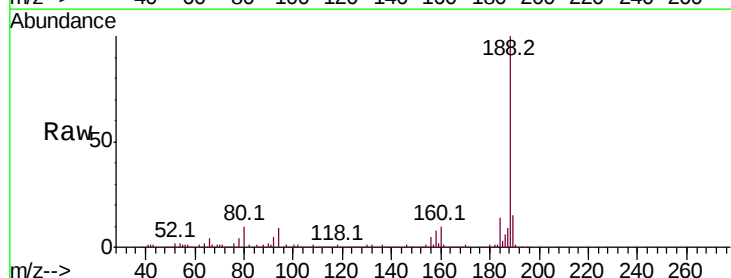
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF111949.D
 Acq: 9 Jan 2019 15:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.6	10.0
80	9.9	7.7	11.5

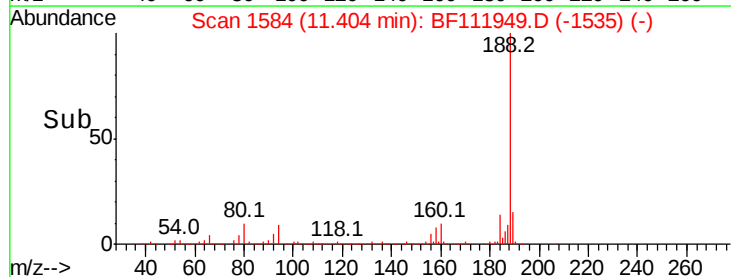
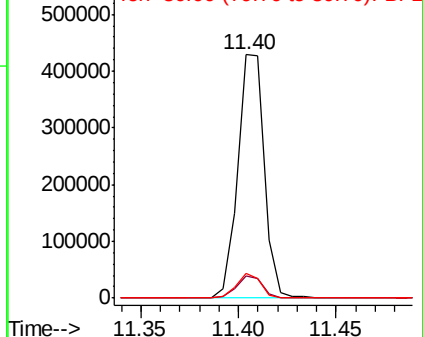


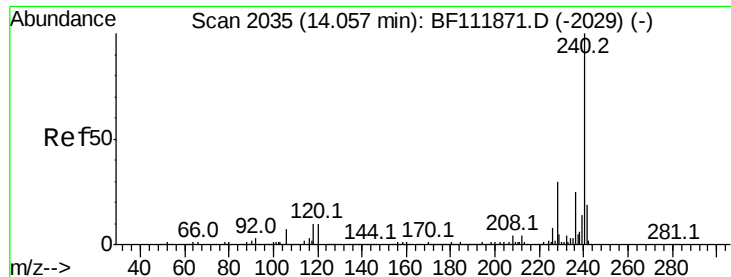
Abundance

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

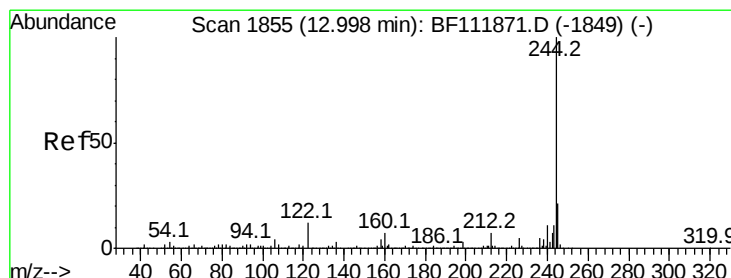
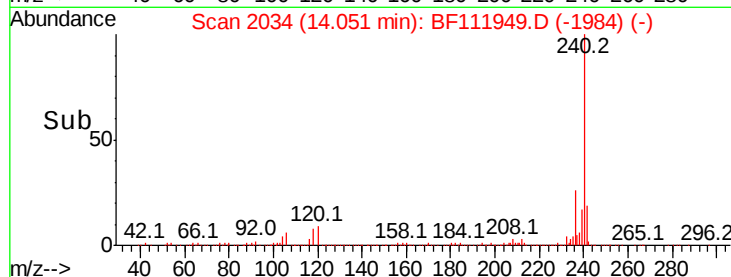
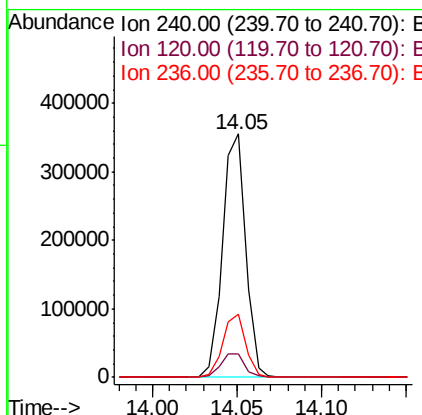
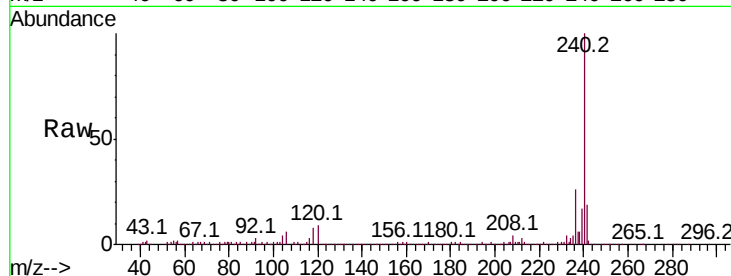




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF111949.D
 Acq: 9 Jan 2019 15:11

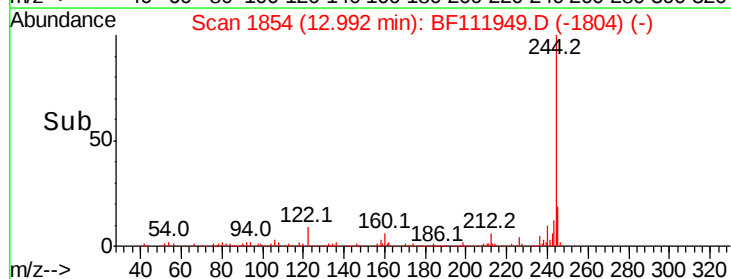
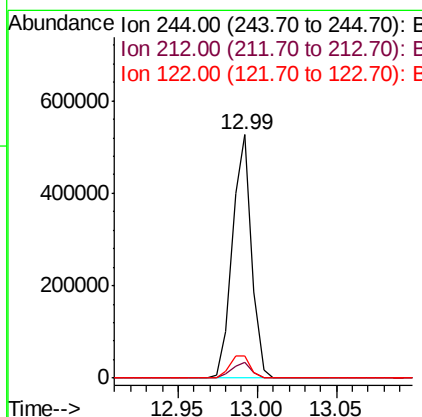
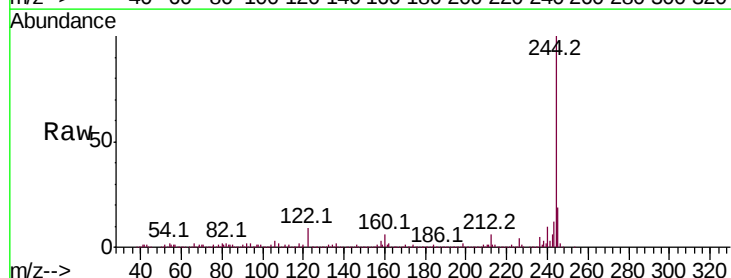
Instrument :
 BNA_F
 ClientSampleId :

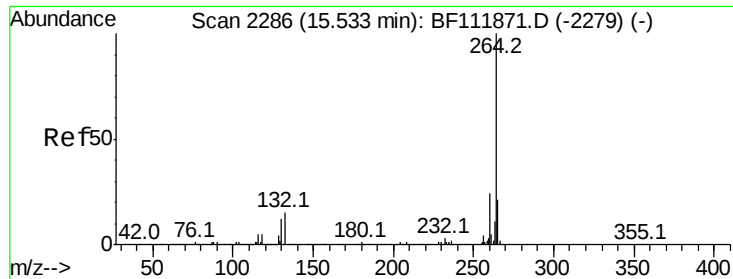
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.2	12.2
236	25.8	20.2	30.4



#79
 Terphenyl-d14
 Concen: 24.439 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111949.D
 Acq: 9 Jan 2019 15:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	8.9	9.5	14.3#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BF111949.D
Acq: 9 Jan 2019 15:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.2	17.1	25.7

