

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111971.D
 Acq On : 10 Jan 2019 1:10
 Operator : JU/SJ
 Sample : K1075-09 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASIN-5

Quant Time: Jan 10 03:28:57 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

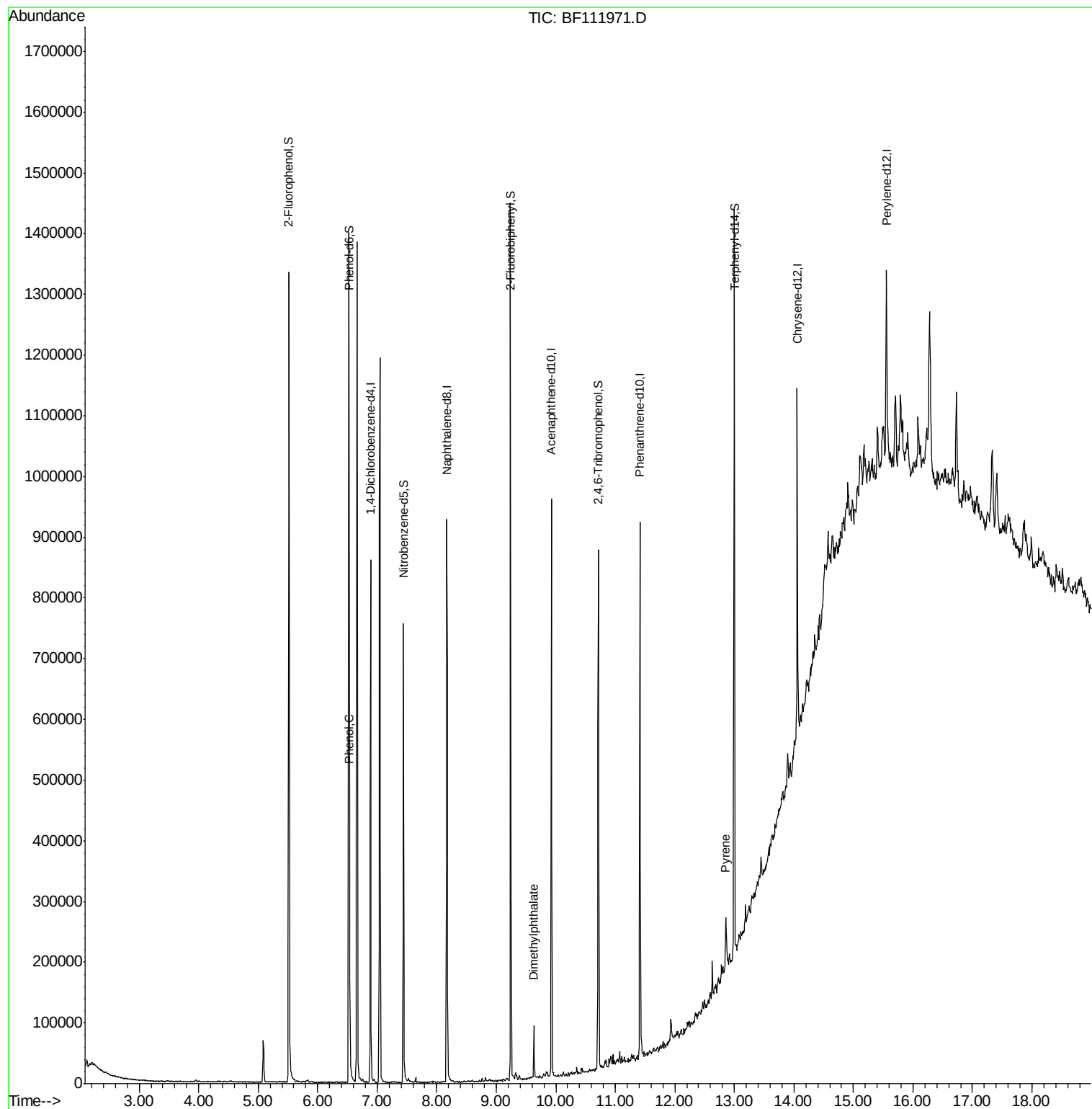
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	115018	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	396914	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	173002	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	321667	20.00	ng	0.00
76) Chrysene-d12	14.06	240	192811	20.00	ng	0.00
87) Perylene-d12	15.56	264	157189	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	351356	52.26	ng	0.00
7) Phenol-d6	6.53	99	438667	50.62	ng	0.00
23) Nitrobenzene-d5	7.44	82	239755	32.28	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	99689	44.30	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	463334	39.05	ng	0.00
79) Terphenyl-d14	13.00	244	399602	39.34	ng	0.00
Target Compounds						
10) Phenol	6.54	94	19859	2.109	ng	Qvalue # 77
50) Dimethylphthalate	9.63	163	31326	2.410	ng	98
78) Pyrene	12.86	202	36838	2.777	ng	99

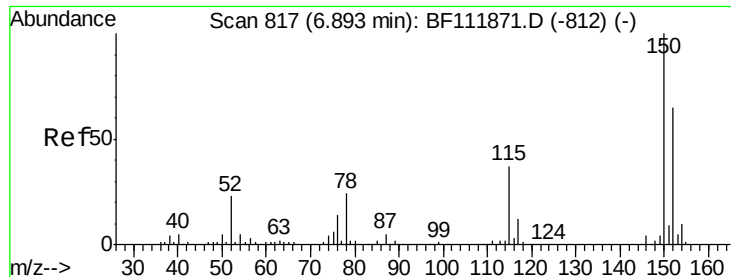
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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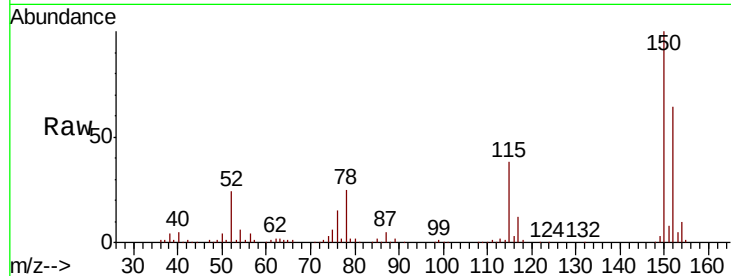


#1

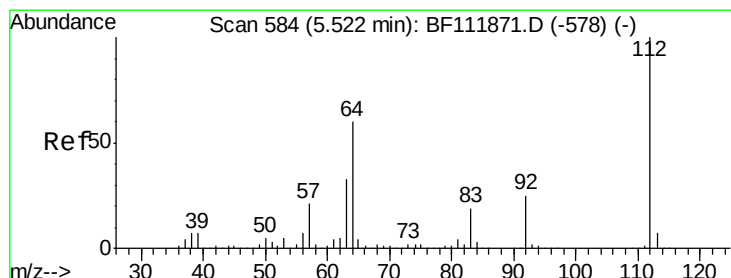
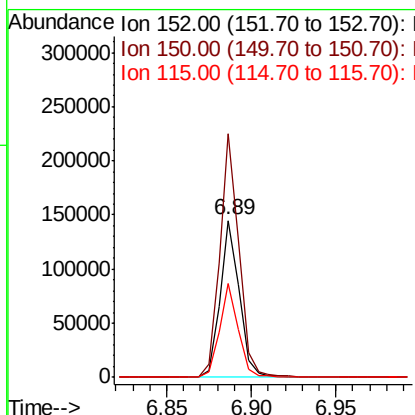
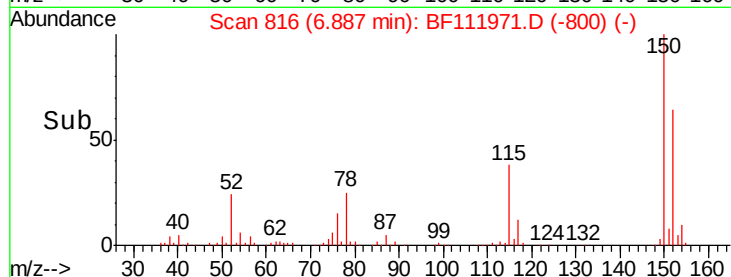
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111971.D
Acq: 10 Jan 2019 1:10

Instrument :
BNA_F
ClientSampleId :
BASIN-5

Tot Ion:152 Resp: 115018
Ion Ratio Lower Upper
152 100
150 155.5 122.7 184.1
115 59.7 45.2 67.8



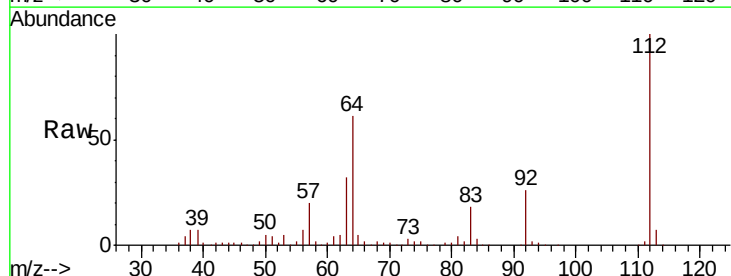
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



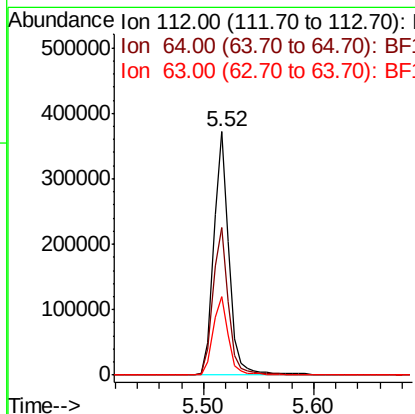
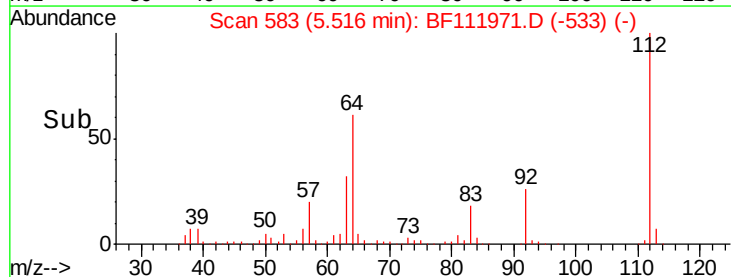
#5

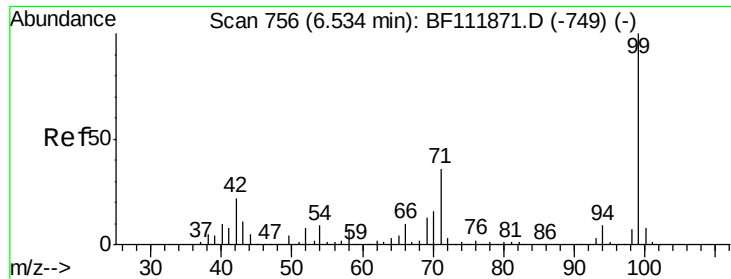
2-Fluorophenol
Concen: 52.262 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111971.D
Acq: 10 Jan 2019 1:10

Tgt Ion:112 Resp: 351356
Ion Ratio Lower Upper
112 100
64 60.6 48.3 72.5
63 32.1 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: 50.624 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111971.D

Acq: 10 Jan 2019 1:10

Instrument :

BNA_F

ClientSampleId :

BASIN-5

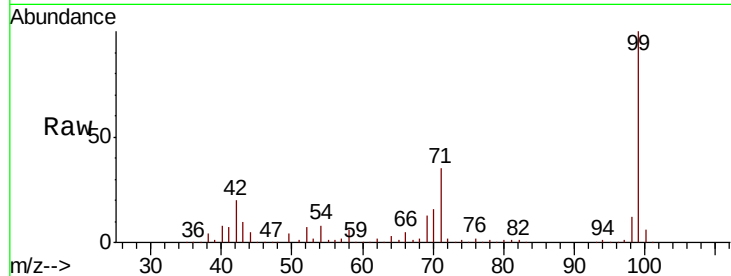
Tot Ion: 99 Resp: 438667

Ion Ratio Lower Upper

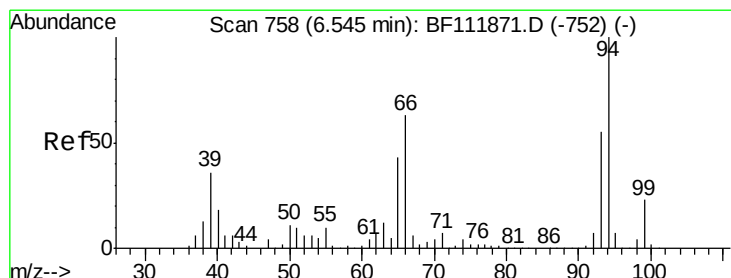
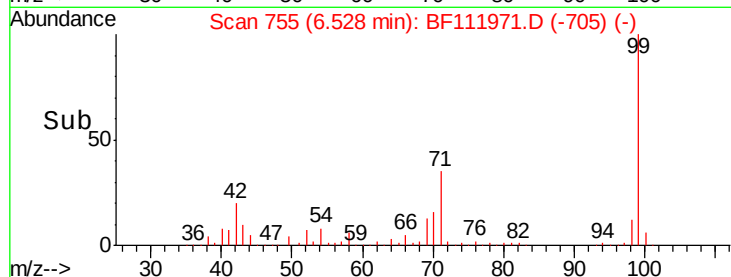
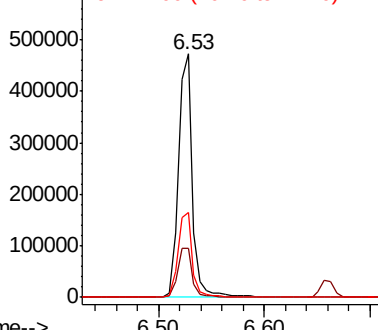
99 100

42 20.4 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: 2.109 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111971.D

Acq: 10 Jan 2019 1:10

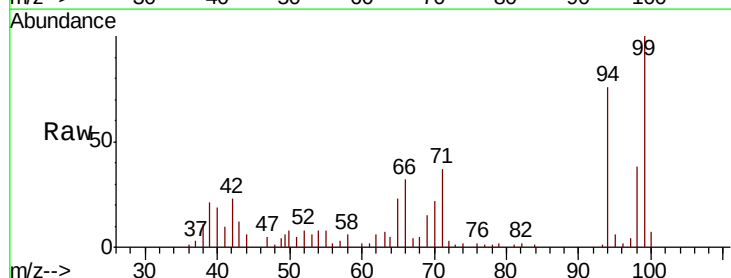
Tgt Ion: 94 Resp: 19859

Ion Ratio Lower Upper

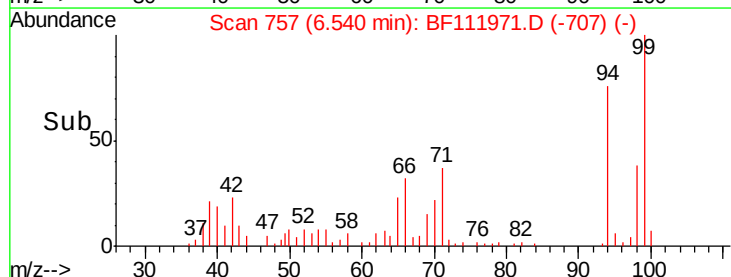
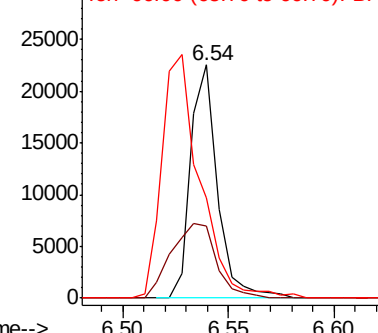
94 100

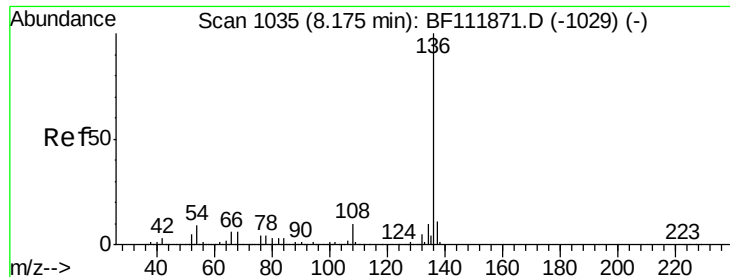
65 30.8 22.8 62.8

66 42.8 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

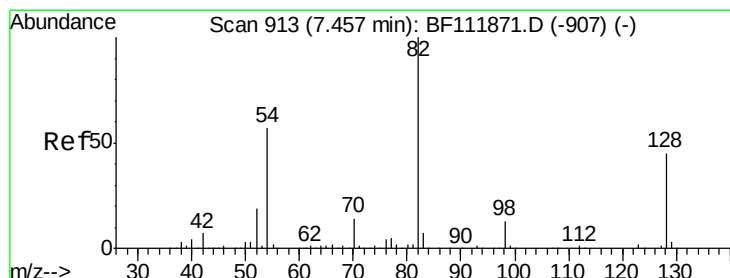
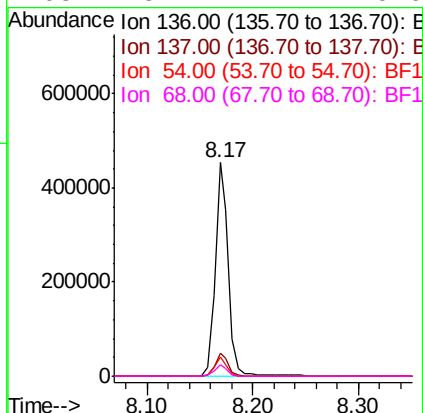
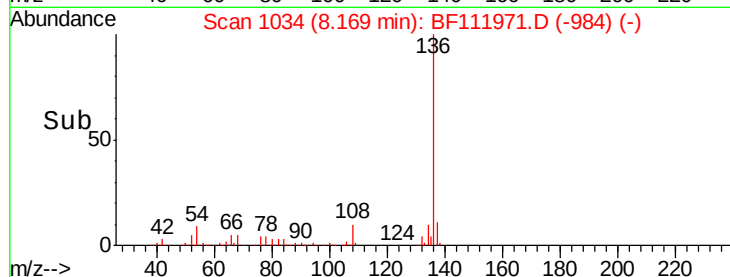
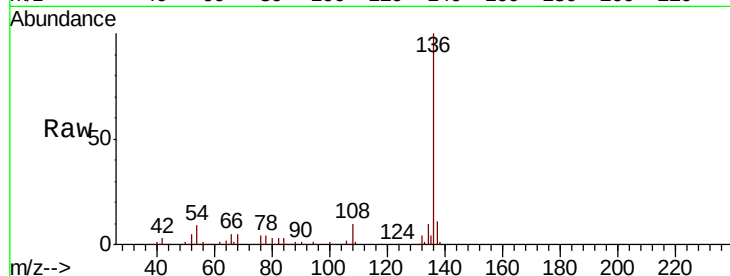




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111971.D
Acq: 10 Jan 2019 1:10

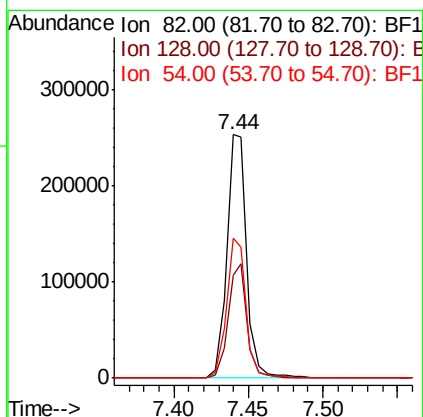
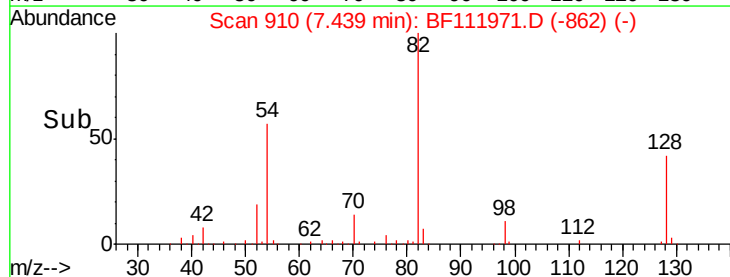
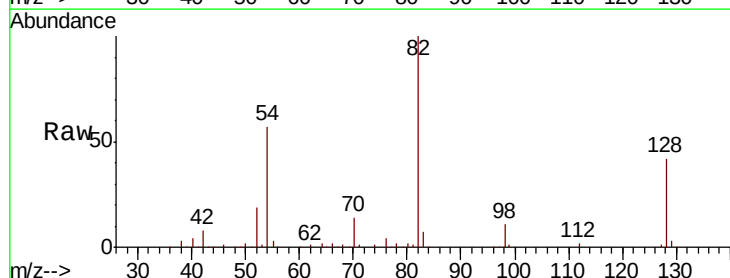
Instrument :
BNA_F
ClientSampleId :
BASIN-5

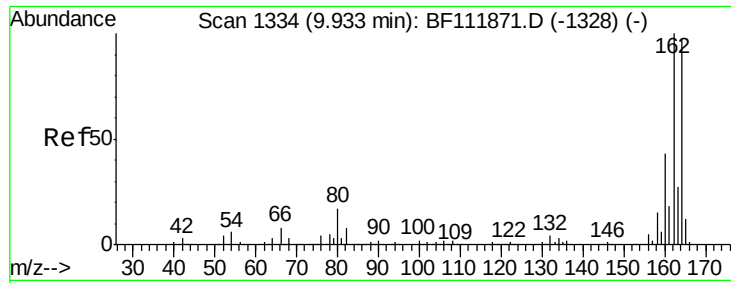
Tot Ion:136	Resp:	396914
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.1 13.7
54	9.2	7.2 10.8
68	5.4	4.4 6.6



#23
Nitrobenzene-d5
Concen: 32.284 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111971.D
Acq: 10 Jan 2019 1:10

Tgt Ion: 82	Resp:	239755
Ion Ratio	Lower	Upper
82	100	
128	42.3	35.7 53.5
54	57.5	45.8 68.8

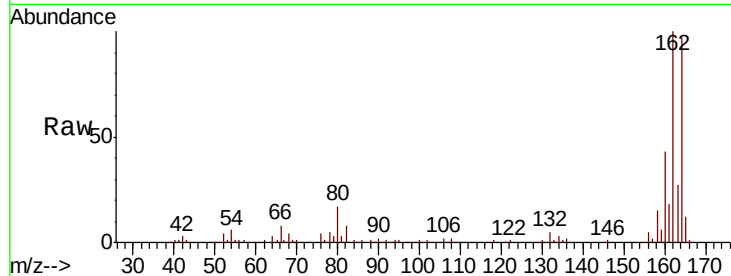




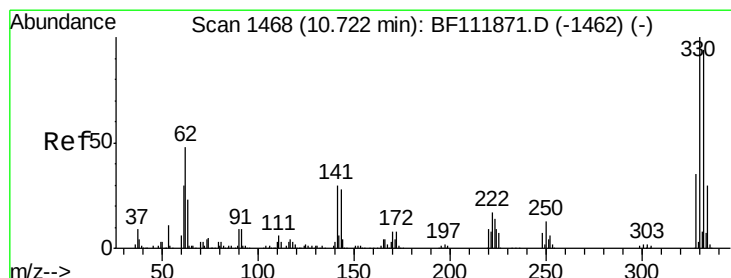
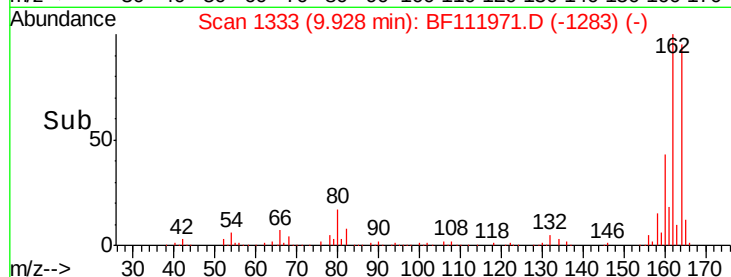
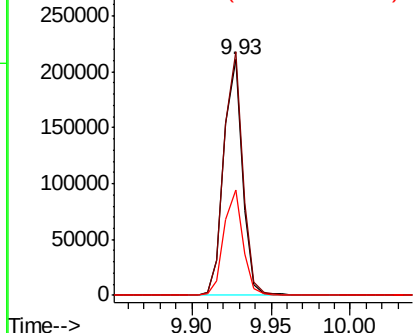
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111971.D
Acq: 10 Jan 2019 1:10

Instrument :
BNA_F
ClientSampleId :
BASIN-5

Tot Ion:164 Resp: 173002
Ion Ratio Lower Upper
164 100
162 103.4 82.2 123.2
160 44.8 35.5 53.3

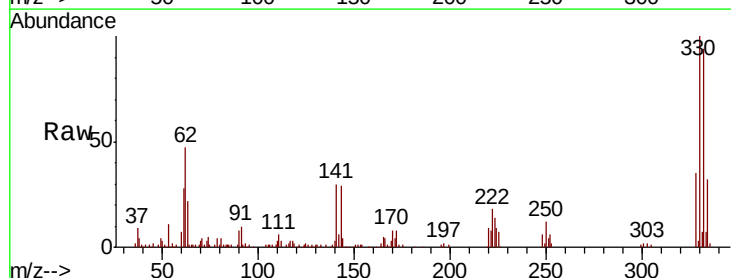


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

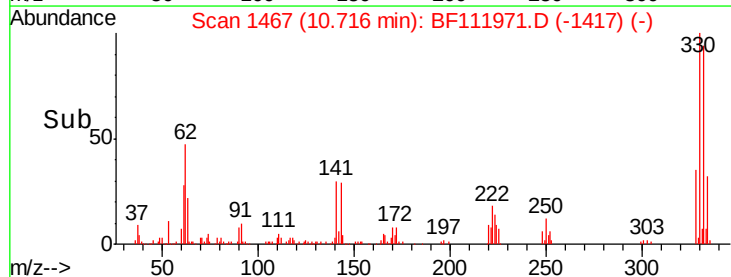
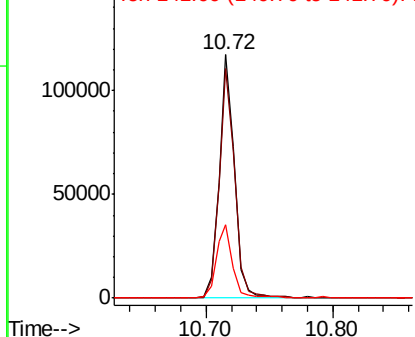


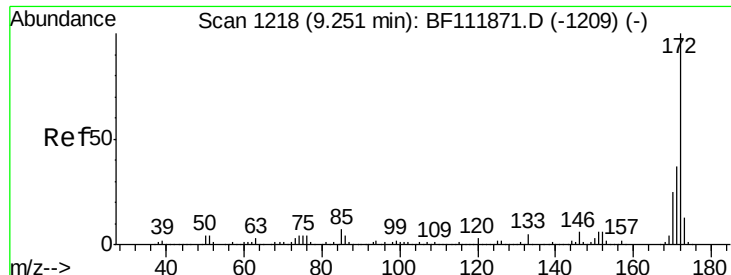
#42
2,4,6-Tribromophenol
Concen: 44.302 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111971.D
Acq: 10 Jan 2019 1:10

Tgt Ion:330 Resp: 99689
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 32.1 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

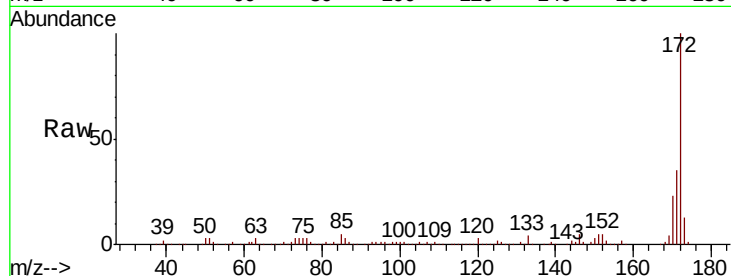




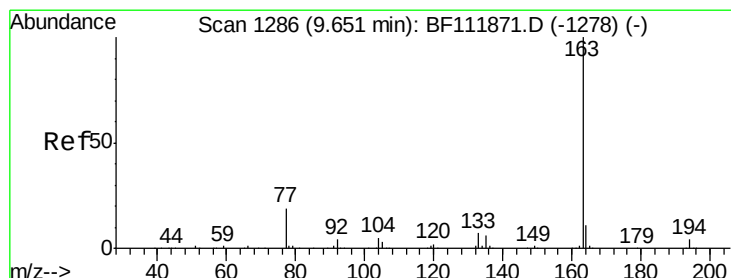
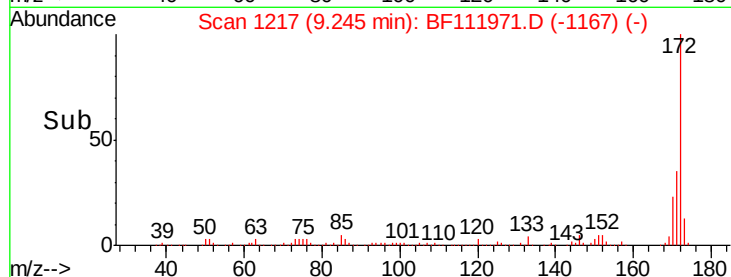
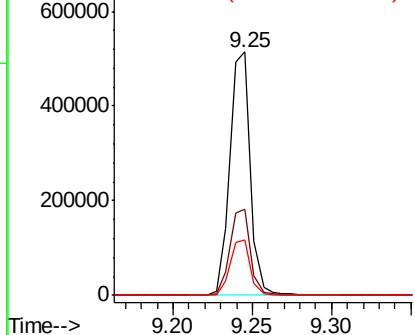
#45
2-Fluorobiphenyl
Concen: 39.054 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF111971.D
Acq: 10 Jan 2019 1:10

Instrument :
BNA_F
ClientSampleId :
BASIN-5

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	22.6	19.8	29.8

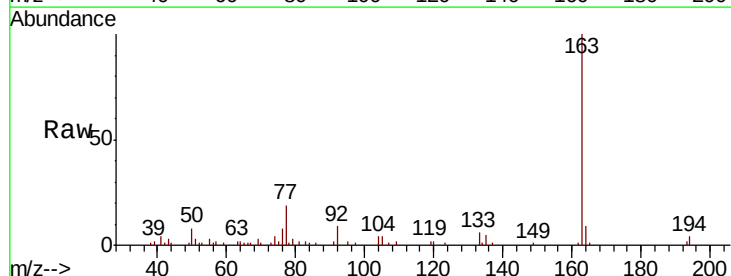


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

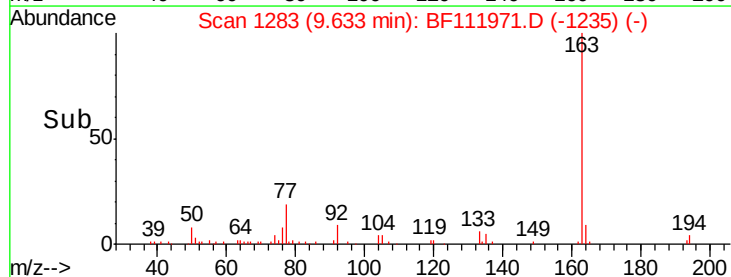
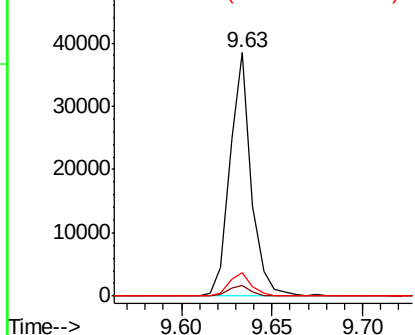


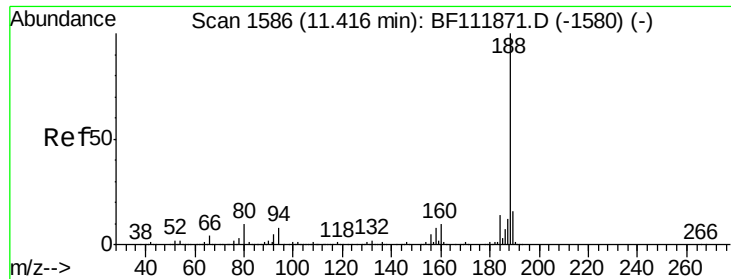
#50
Dimethylphthalate
Concen: 2.410 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF111971.D
Acq: 10 Jan 2019 1:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.4	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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111971.D

Acq: 10 Jan 2019 1:10

Instrument :

BNA_F

ClientSampleId :

BASIN-5

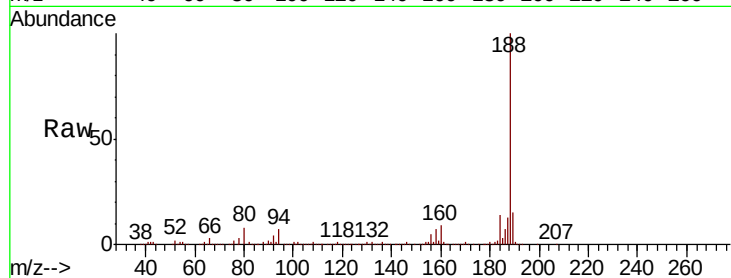
Tot Ion:188 Resp: 321667

Ion Ratio Lower Upper

188 100

94 7.2 6.6 10.0

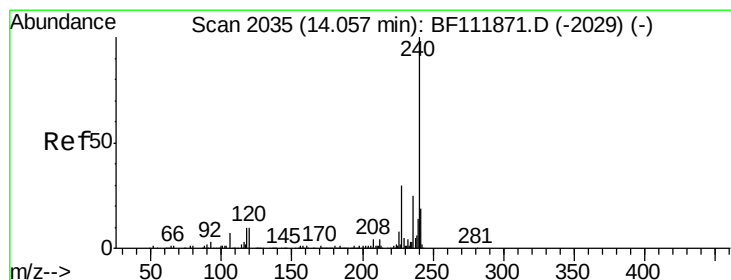
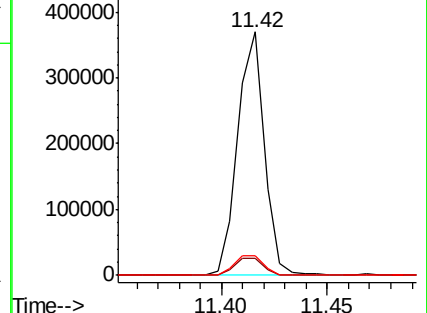
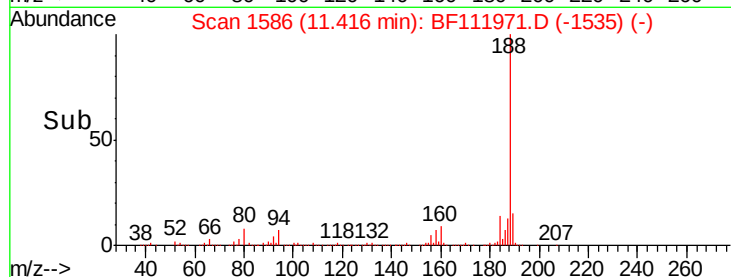
80 8.3 7.7 11.5



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: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF111971.D

Acq: 10 Jan 2019 1:10

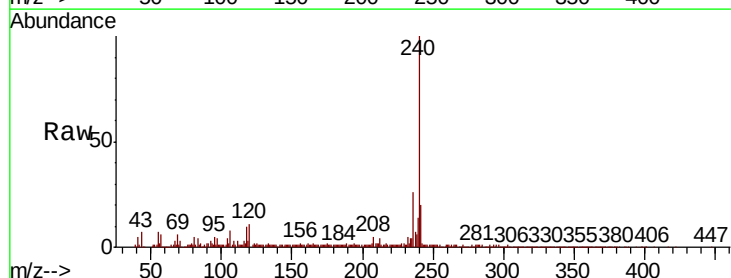
Tgt Ion:240 Resp: 192811

Ion Ratio Lower Upper

240 100

120 10.6 8.2 12.2

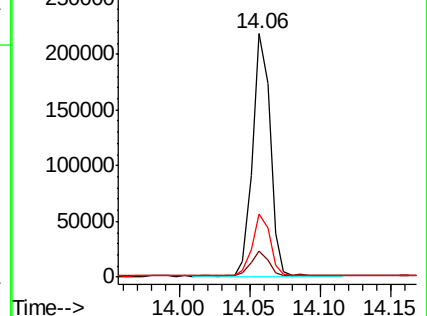
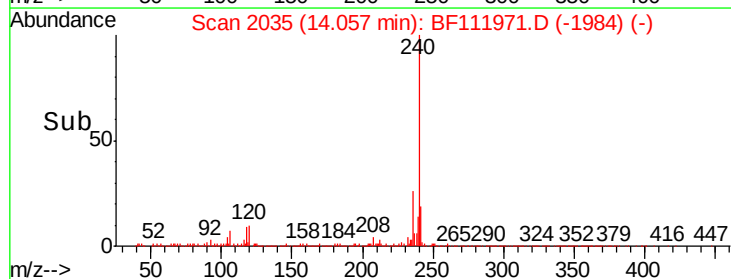
236 26.0 20.2 30.4

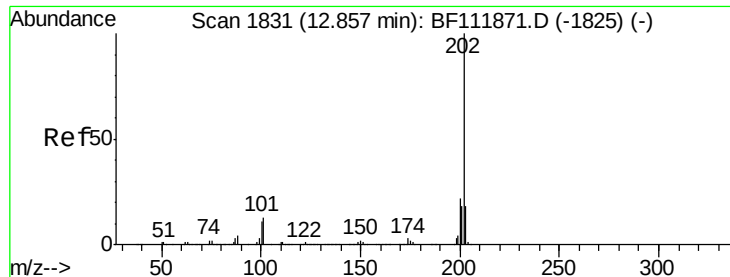


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

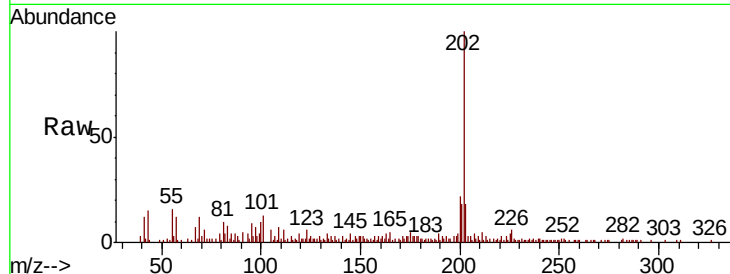




#78
Pvrene
Concen: 2.777 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF111971.D
Acq: 10 Jan 2019 1:10

Instrument :
BNA_F
ClientSampleId :
BASIN-5

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.4	14.6	21.8

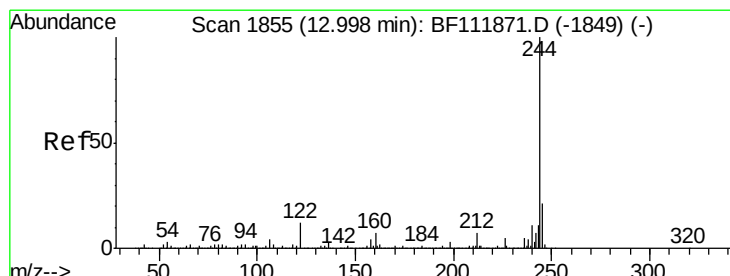
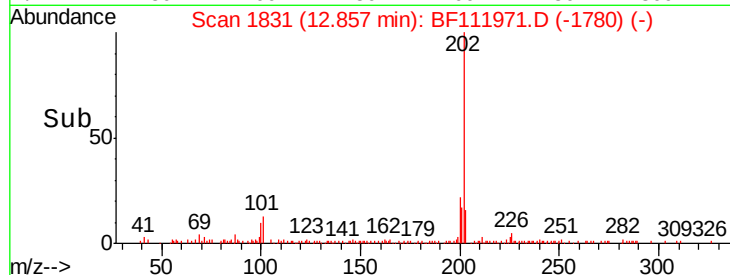
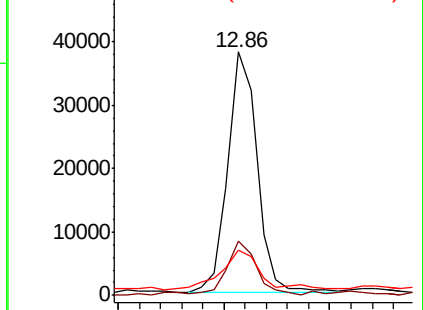


Abundance

Ion 202.00 (201.70 to 202.70): E

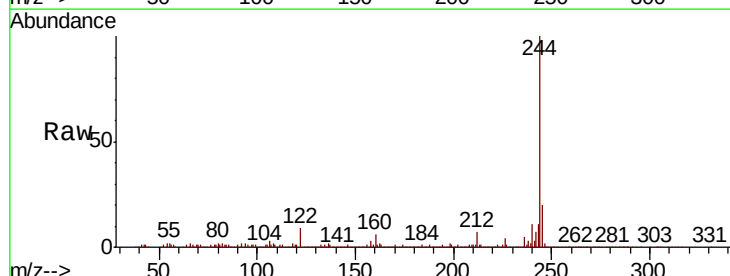
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 39.341 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111971.D
Acq: 10 Jan 2019 1:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	9.3	9.5	14.3#

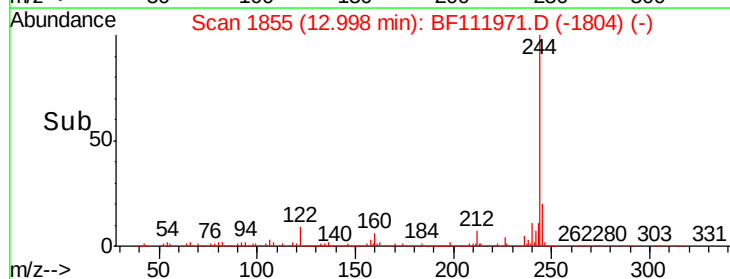
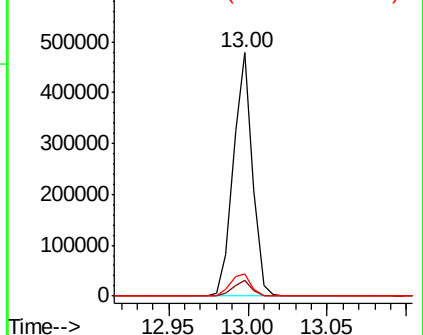


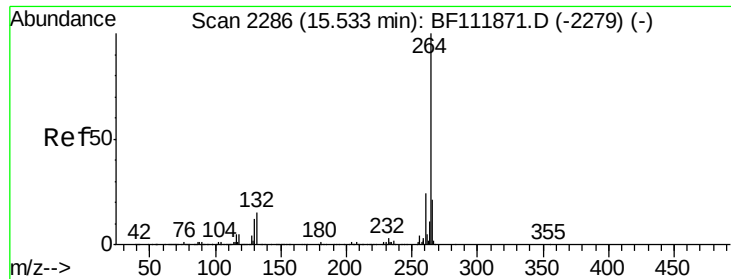
Abundance

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

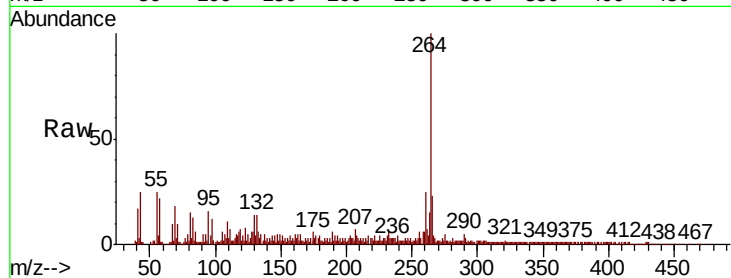




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.02 min
Lab File: BF111971.D
Acq: 10 Jan 2019 1:10

Instrument :
BNA_F
ClientSampleId :
BASIN-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	23.1	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

