

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
 Data File : BF111274.D
 Acq On : 11 Dec 2018 13:09
 Operator : JU/SJ
 Sample : J6306-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB-16204

Quant Time: Dec 11 17:10:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

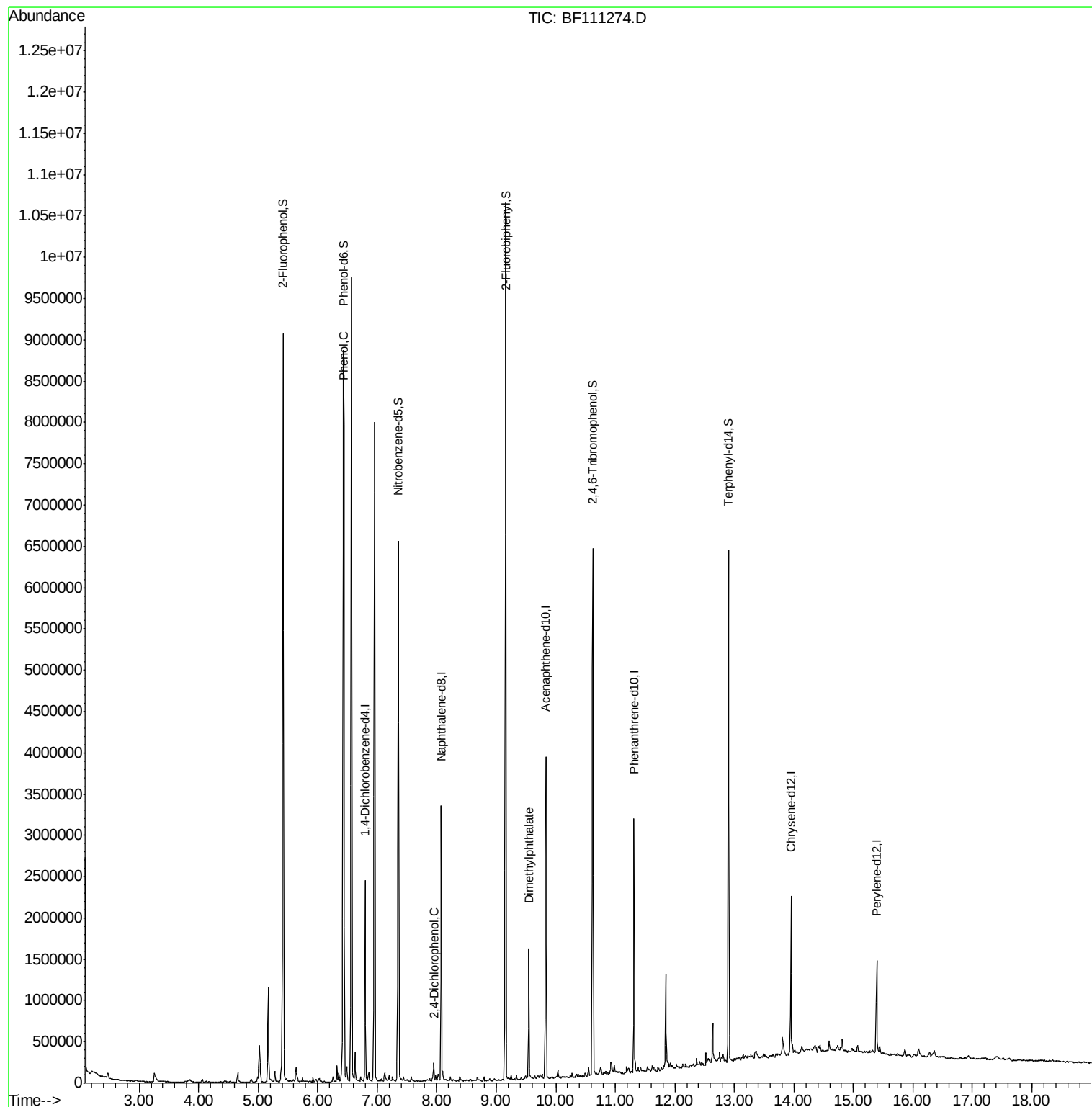
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	364419	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1538225	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	715966	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1011441	20.00	ng	0.00
76) Chrysene-d12	13.95	240	570908	20.00	ng	0.00
87) Perylene-d12	15.39	264	503758	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2731145	118.34	ng	0.01
7) Phenol-d6	6.43	99	3657388	127.52	ng	0.00
23) Nitrobenzene-d5	7.36	82	2331133	85.00	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	688868	108.62	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3240346	76.24	ng	0.00
79) Terphenyl-d14	12.90	244	1987655	83.51	ng	0.00
Target Compounds						
10) Phenol	6.45	94	236434	7.050	ng	95
29) 2,4-Dichlorophenol	7.95	162	48596	2.169	ng	88
50) Dimethylphthalate	9.55	163	551557	10.441	ng	98

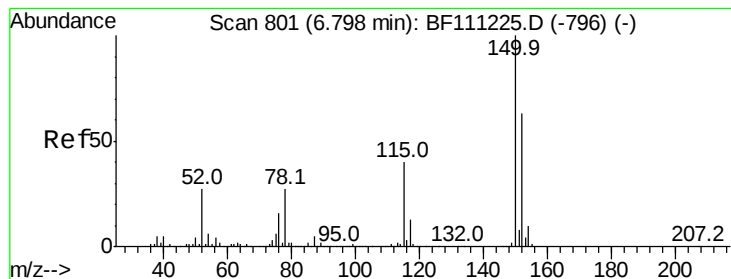
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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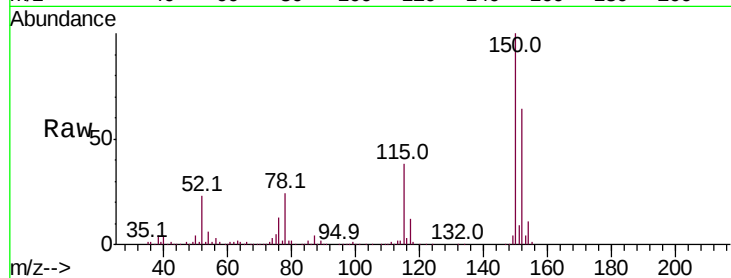


#1

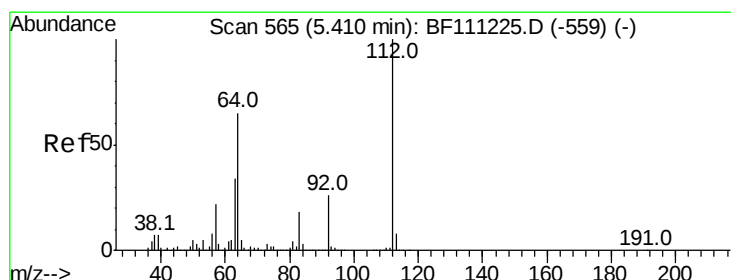
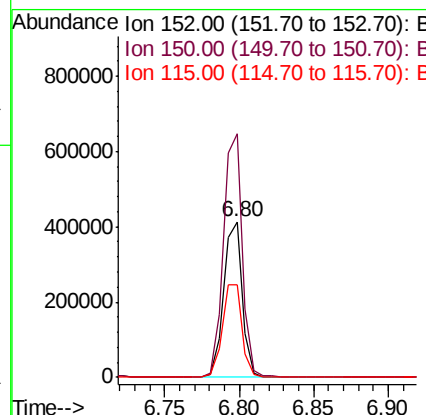
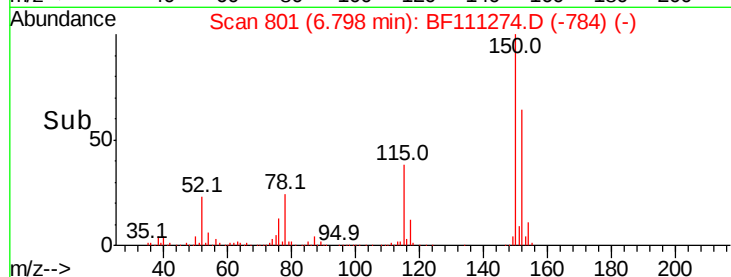
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111274.D
Acq: 11 Dec 2018 13:09

Instrument :
BNA_F
ClientSampleId :
VB-16204

Tot Ion:152 Resp: 364419
Ion Ratio Lower Upper
152 100
150 156.5 126.6 189.8
115 59.6 50.7 76.1



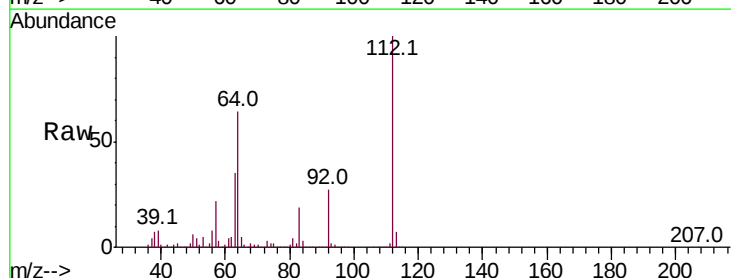
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



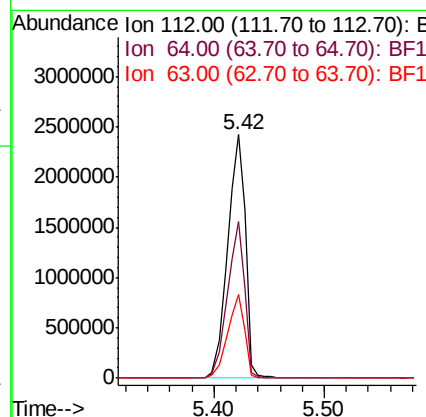
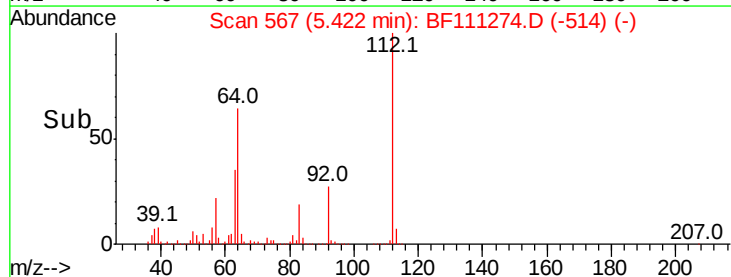
#5

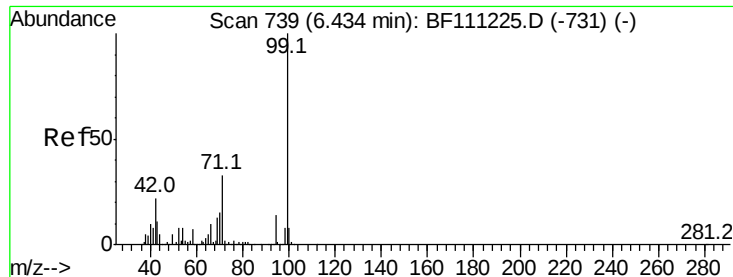
2-Fluorophenol
Concen: 118.344 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111274.D
Acq: 11 Dec 2018 13:09

Tgt Ion:112 Resp: 2731145
Ion Ratio Lower Upper
112 100
64 64.3 51.8 77.6
63 34.5 26.8 40.2



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: 127.523 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111274.D

Acq: 11 Dec 2018 13:09

Instrument :

BNA_F

ClientSampleId :

VB-16204

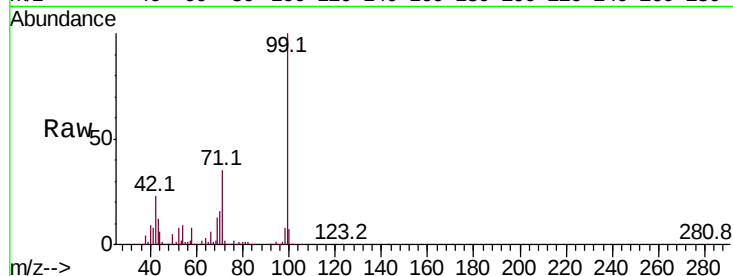
Tot Ion: 99 Resp: 3657388

Ion Ratio Lower Upper

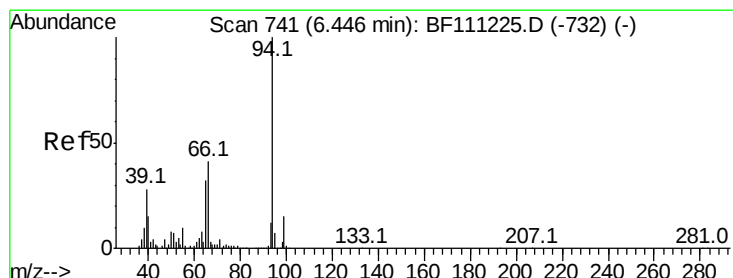
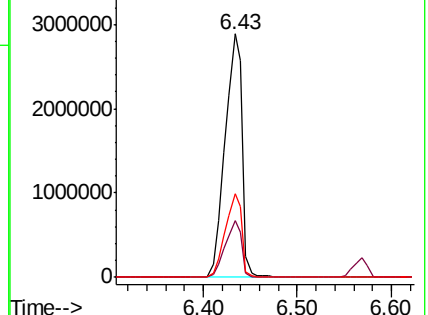
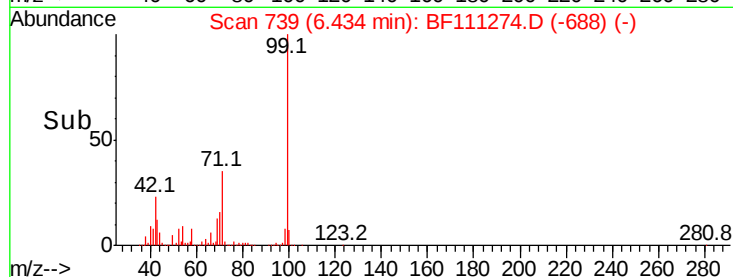
99 100

42 23.1 17.4 26.0

71 34.6 26.1 39.1



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: 7.050 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111274.D

Acq: 11 Dec 2018 13:09

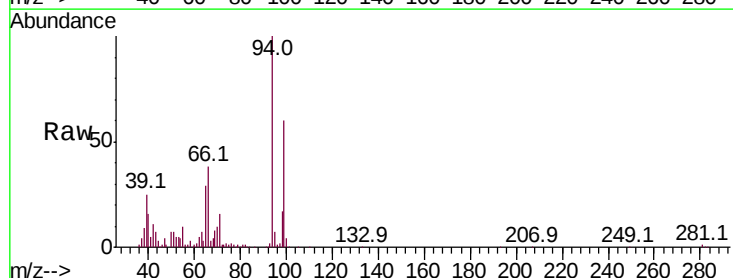
Tgt Ion: 94 Resp: 236434

Ion Ratio Lower Upper

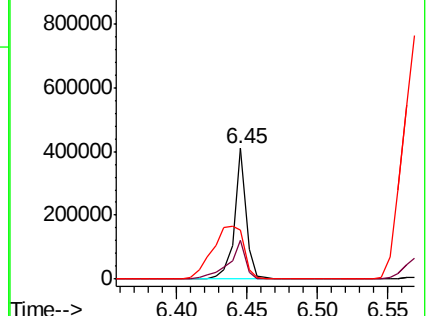
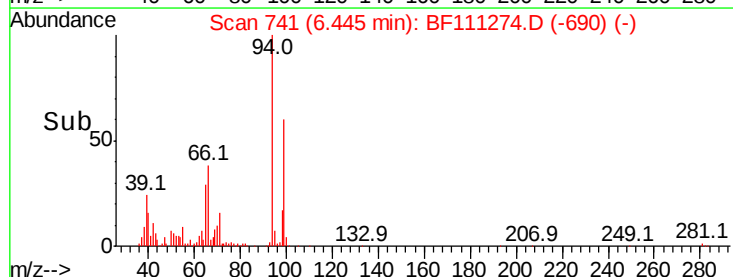
94 100

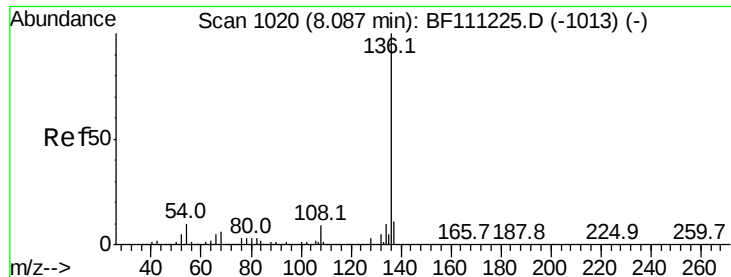
65 29.3 11.7 51.7

66 37.7 21.0 61.0



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

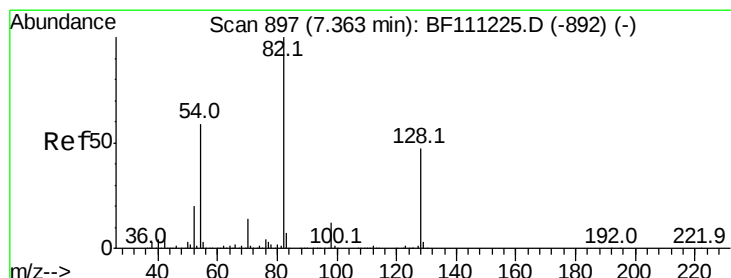
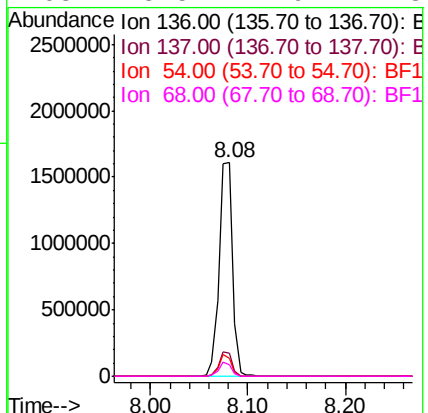
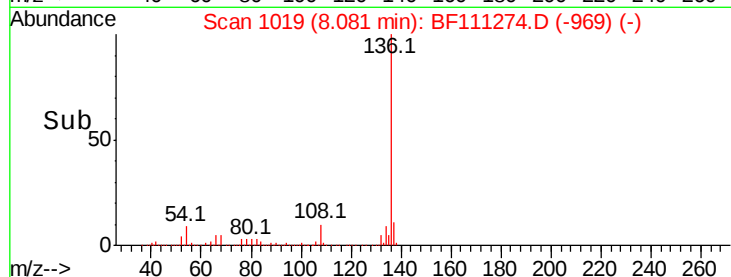
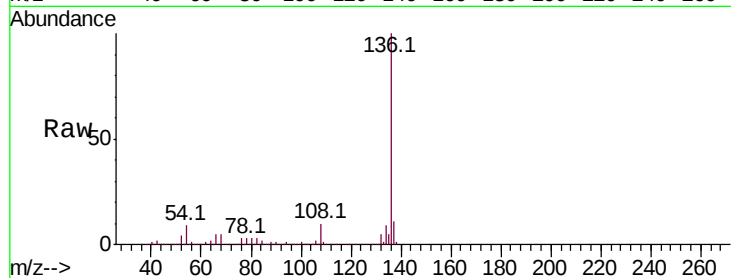




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF111274.D
Acq: 11 Dec 2018 13:09

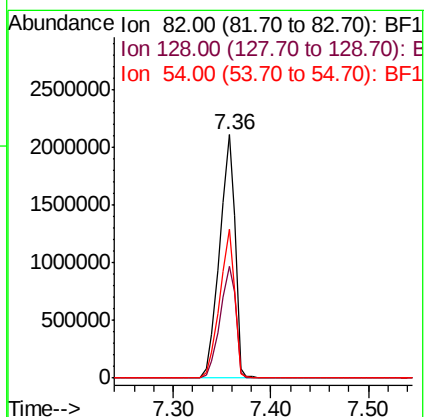
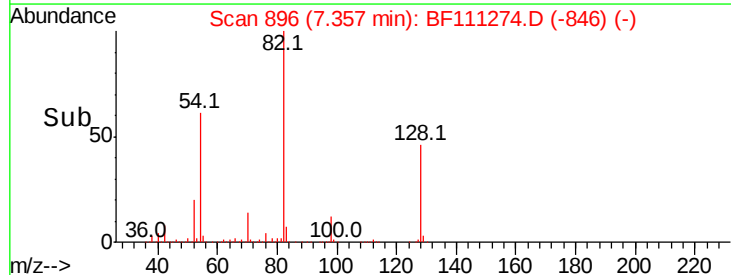
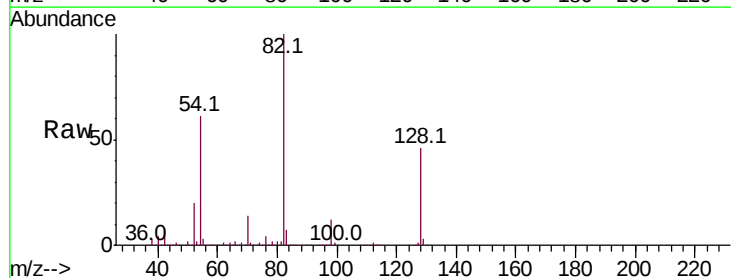
Instrument :
BNA_F
ClientSampleId :
VB-16204

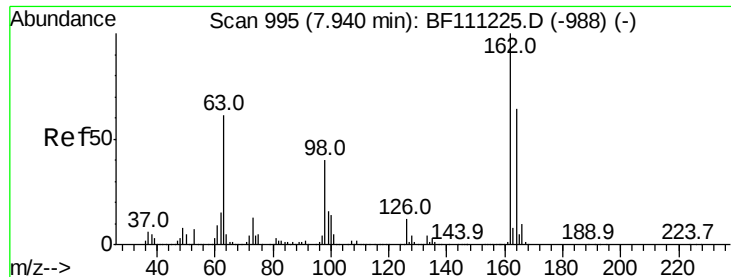
Tot Ion:	136	Resp:	1538225
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.6	7.7	11.5
68	5.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 85.001 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111274.D
Acq: 11 Dec 2018 13:09

Tgt Ion:	82	Resp:	2331133
Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.4	56.2
54	61.3	47.6	71.4

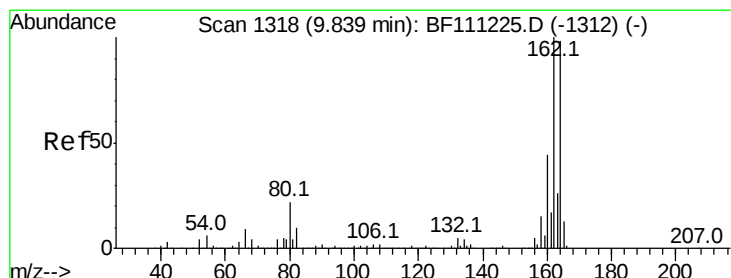
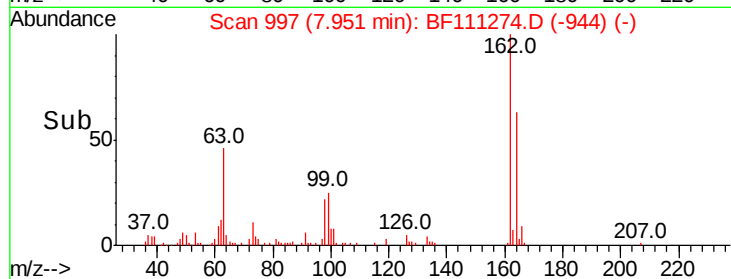
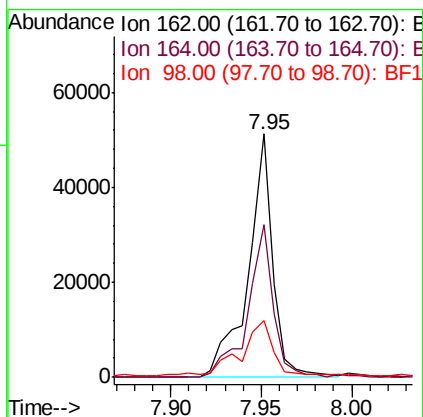
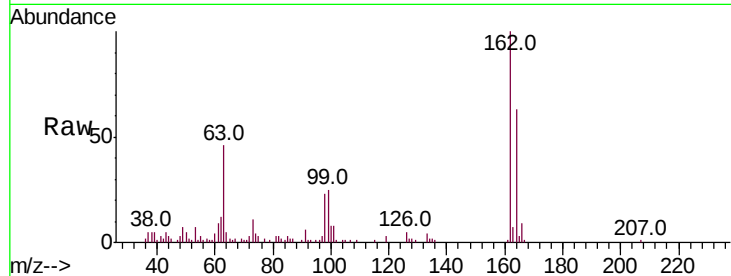




#29
2,4-Dichlorophenol
Concen: 2.169 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF111274.D
Acq: 11 Dec 2018 13:09

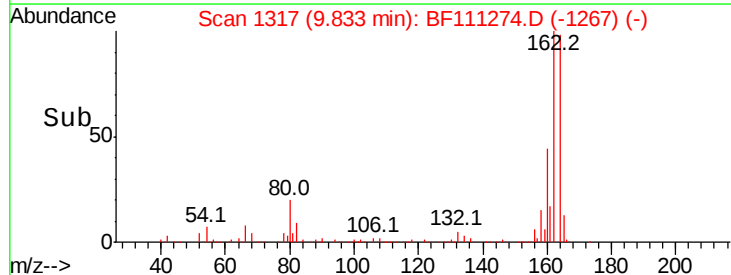
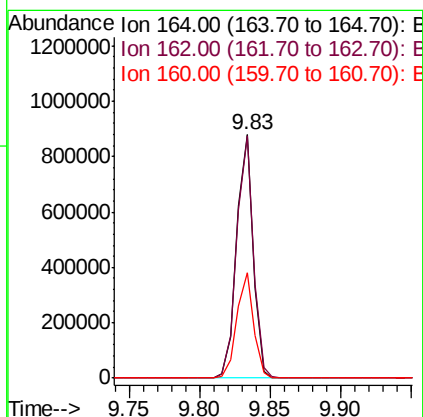
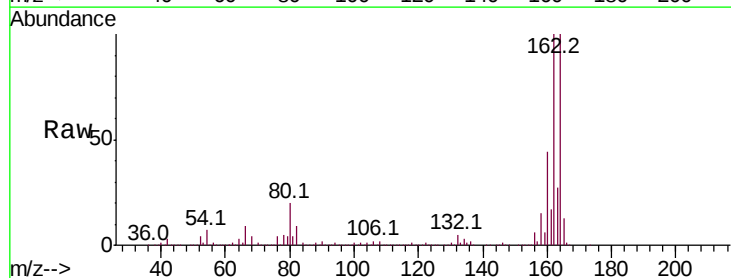
Instrument :
BNA_F
ClientSampleId :
VB-16204

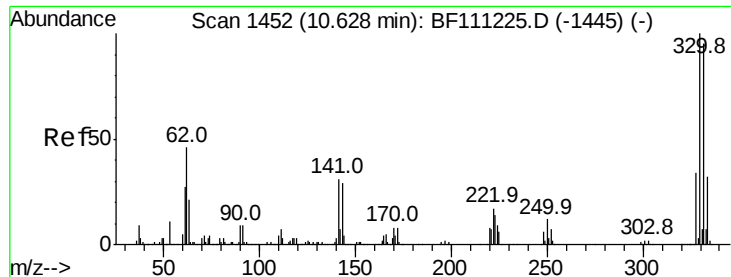
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	44.4	84.4
98	23.3	20.3	60.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111274.D
Acq: 11 Dec 2018 13:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.4	122.0
160	43.5	35.7	53.5

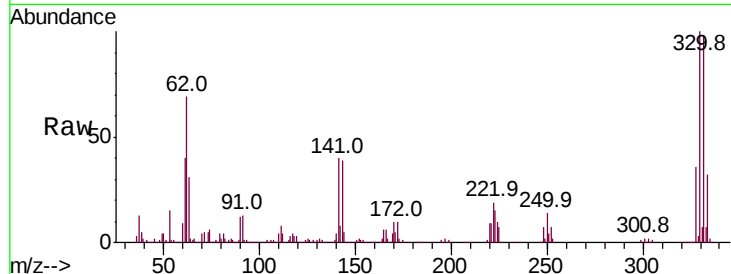




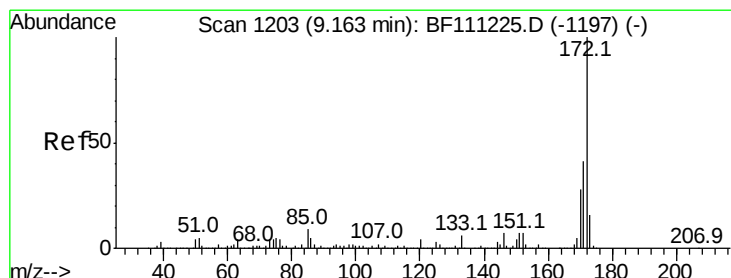
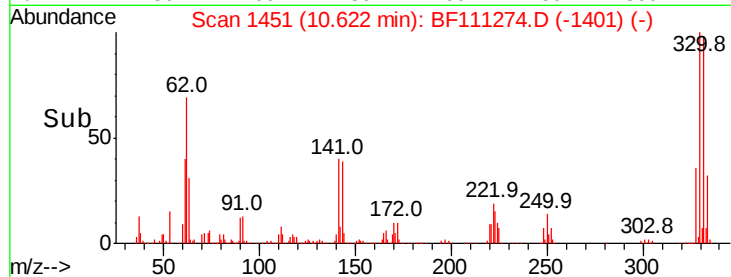
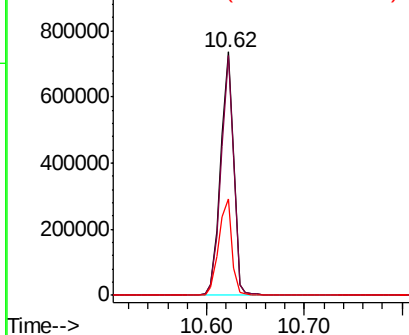
#42
 2,4,6-Tribromophenol
 Concen: 108.618 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF111274.D
 Acq: 11 Dec 2018 13:09

Instrument :
 BNA_F
 ClientSampleID :
 VB-16204

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.0	114.0
141	39.7	31.0	46.6

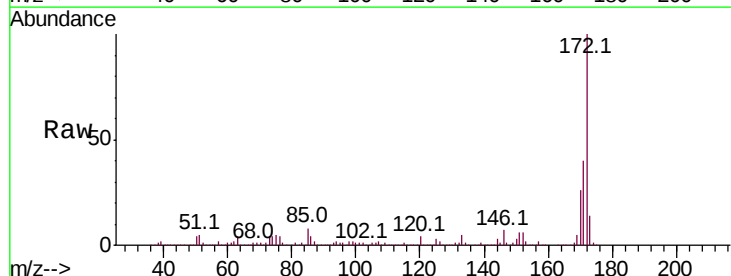


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

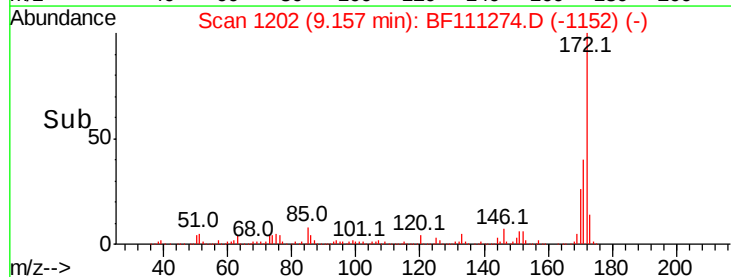
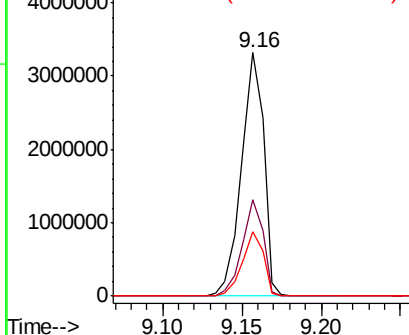


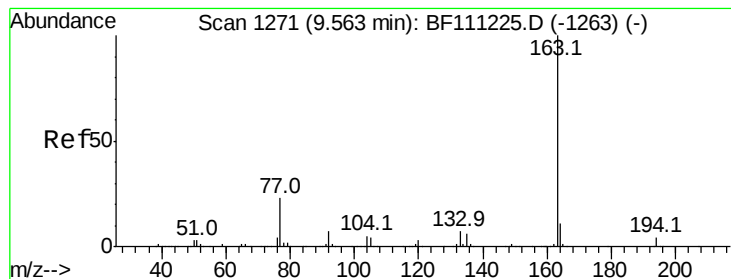
#45
 2-Fluorobiphenyl
 Concen: 76.238 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF111274.D
 Acq: 11 Dec 2018 13:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	33.0	49.4
170	26.4	22.3	33.5



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: 10.441 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF111274.D

Acq: 11 Dec 2018 13:09

Instrument :

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ClientSampleId :

VB-16204

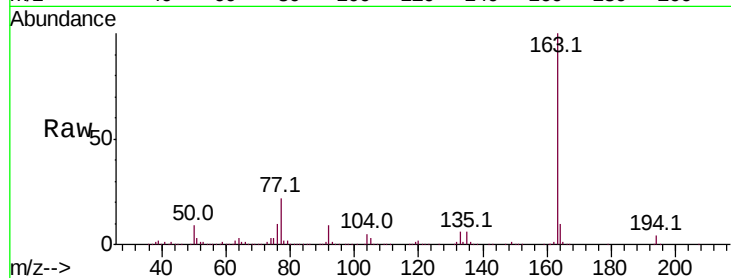
Tot Ion:163 Resp: 551557

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

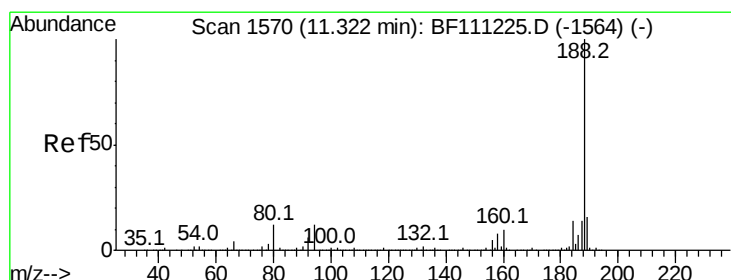
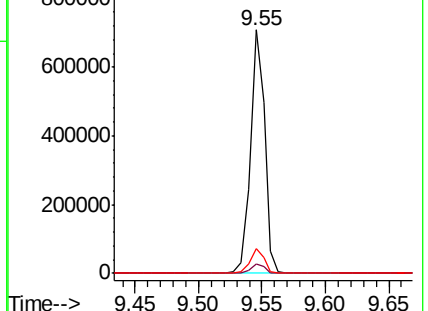
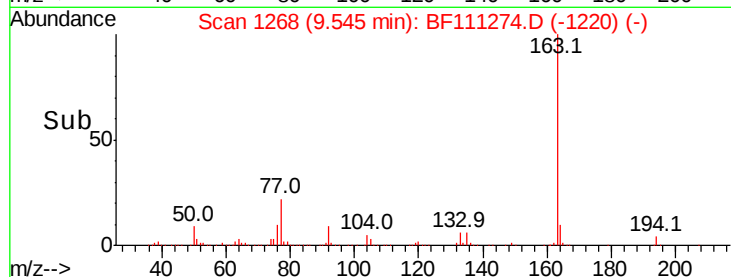
164 10.0 8.9 13.3



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: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF111274.D

Acq: 11 Dec 2018 13:09

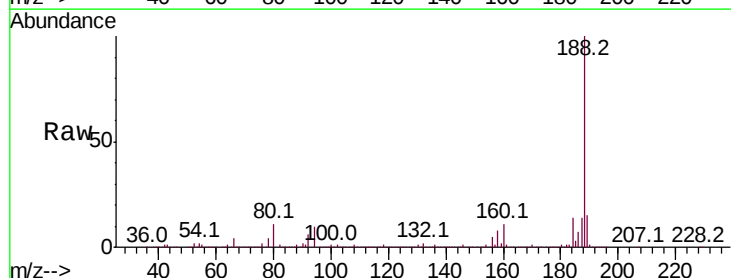
Tgt Ion:188 Resp: 1011441

Ion Ratio Lower Upper

188 100

94 10.2 9.6 14.4

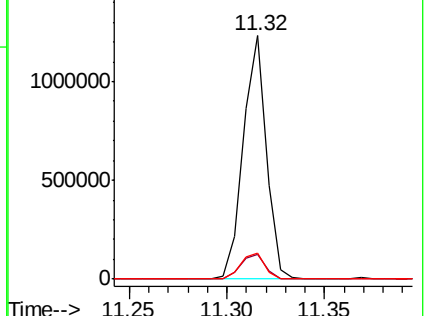
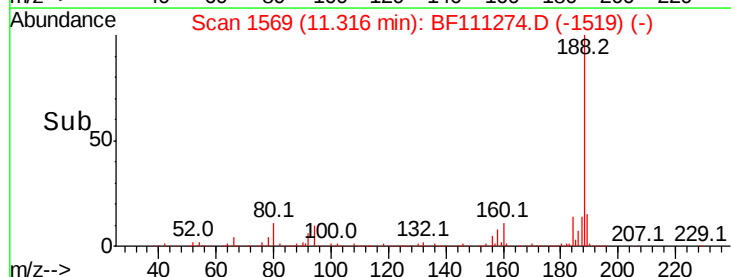
80 10.9 9.8 14.6

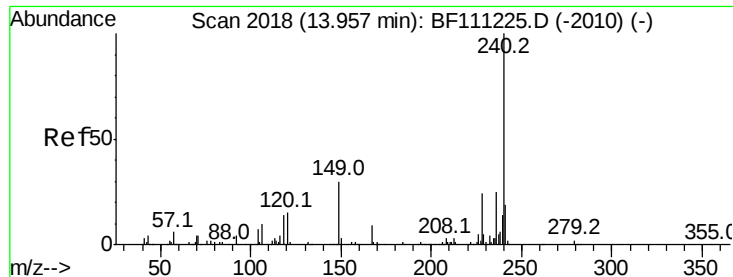


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF111274.D

Acq: 11 Dec 2018 13:09

Instrument :

BNA_F

ClientSampleId :

VB-16204

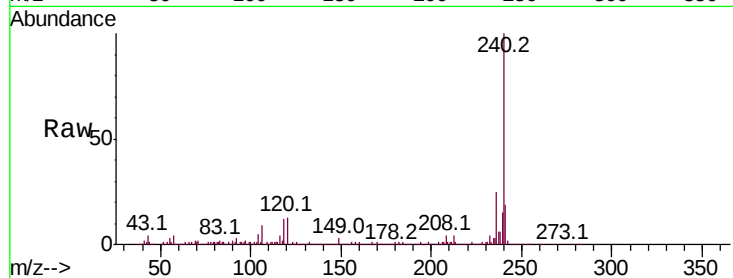
Tot Ion:240 Resp: 570908

Ion Ratio Lower Upper

240 100

120 12.8 12.2 18.2

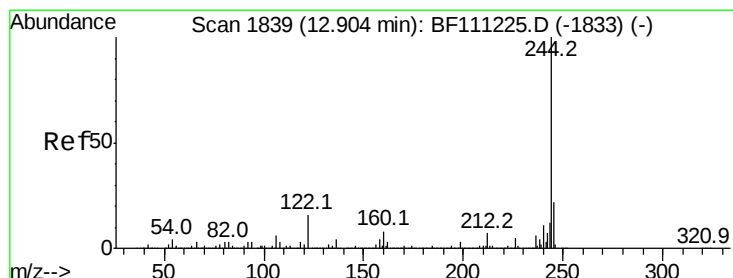
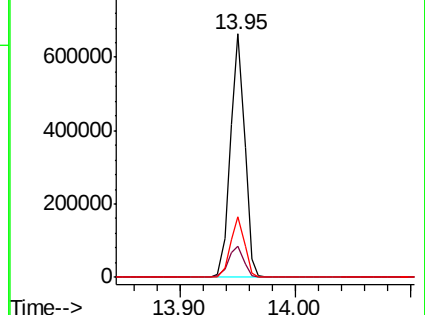
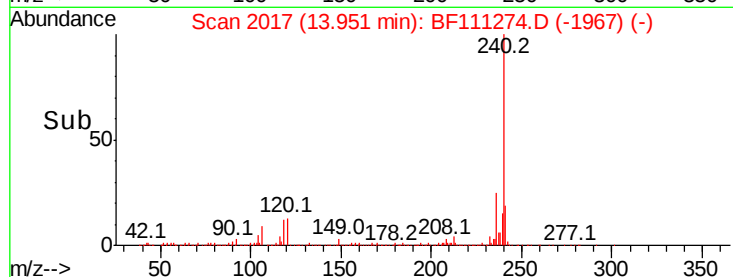
236 24.7 20.2 30.2



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: 83.510 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF111274.D

Acq: 11 Dec 2018 13:09

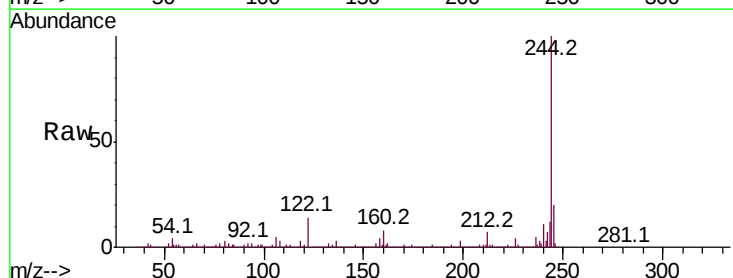
Tgt Ion:244 Resp: 1987655

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

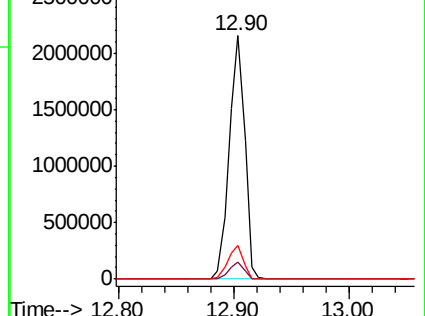
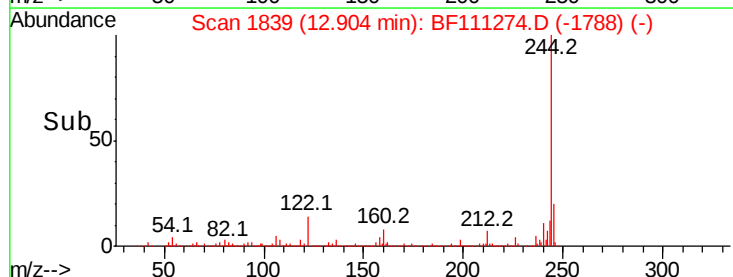
122 14.0 13.1 19.7

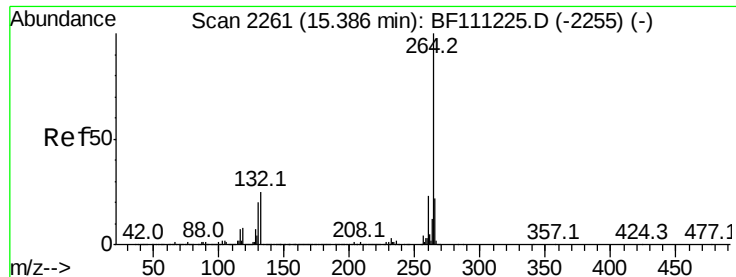


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111274.D
Acq: 11 Dec 2018 13:09

Instrument :
BNA_F
ClientSampleId :
VB-16204

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	21.4	17.7	26.5

