

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109937.D
 Acq On : 17 Oct 2018 23:02
 Operator : JU/SJ
 Sample : J5518-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SODUS-TS

Quant Time: Oct 18 11:38:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

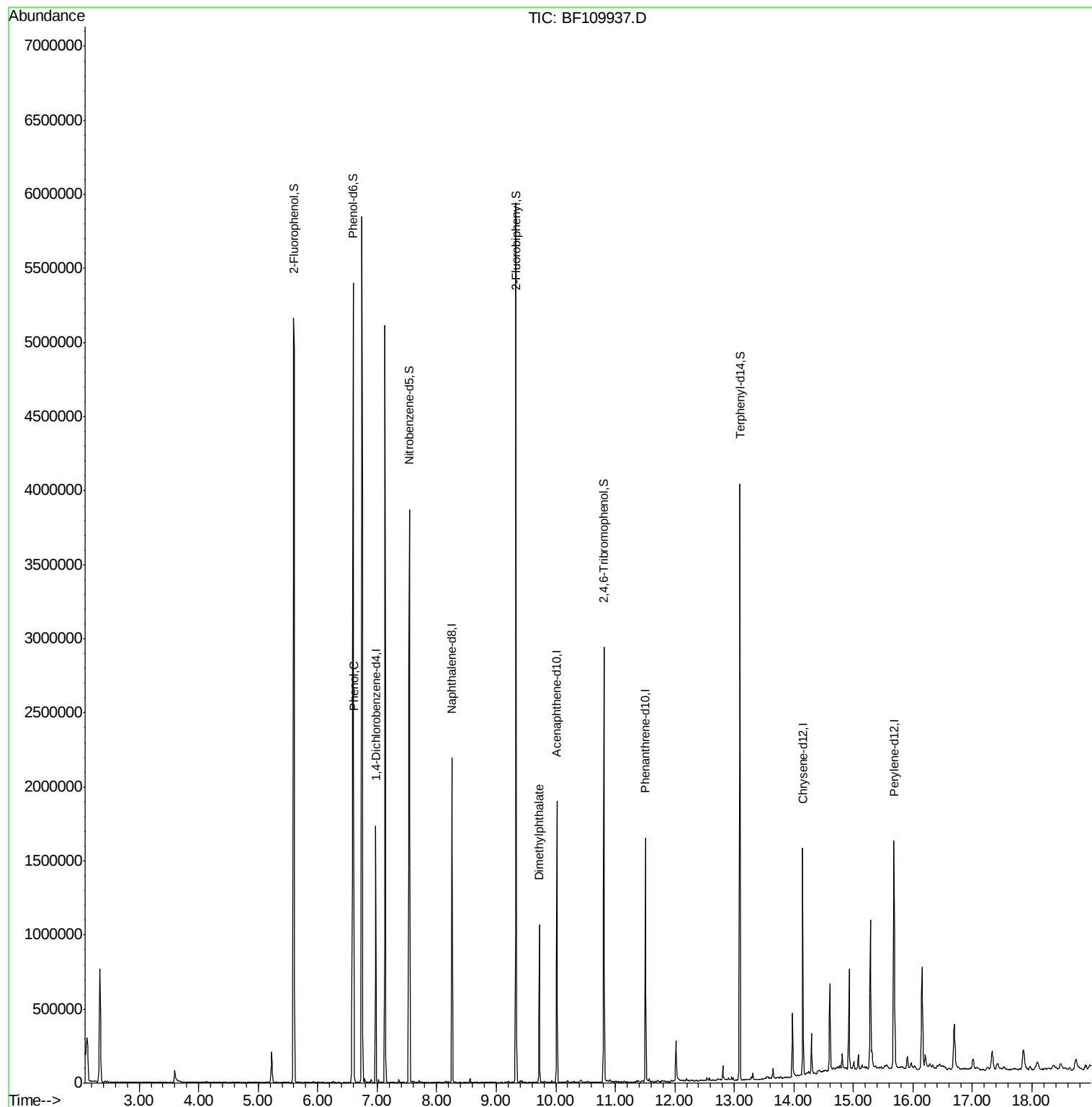
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	242252	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	921525	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	379468	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	556859	20.00	ng	0.00
76) Chrysene-d12	14.15	240	487165	20.00	ng	-0.01
87) Perylene-d12	15.68	264	458319	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1644768	107.62	ng	0.00
7) Phenol-d6	6.60	99	2053268	108.20	ng	0.00
23) Nitrobenzene-d5	7.54	82	1264641	92.45	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	365738	111.32	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1751238	73.64	ng	0.00
79) Terphenyl-d14	13.09	244	1290338	55.62	ng	-0.01
Target Compounds						
10) Phenol	6.61	94	109292	5.334	ng	Qvalue # 57
50) Dimethylphthalate	9.72	163	378868	14.100	ng	99

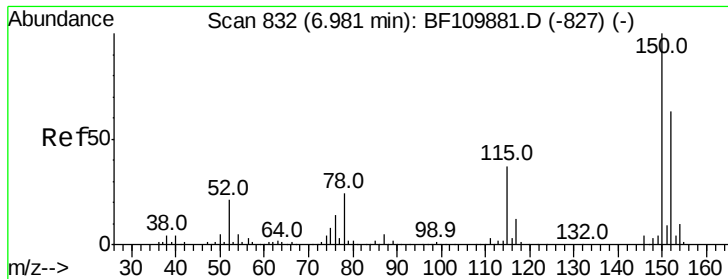
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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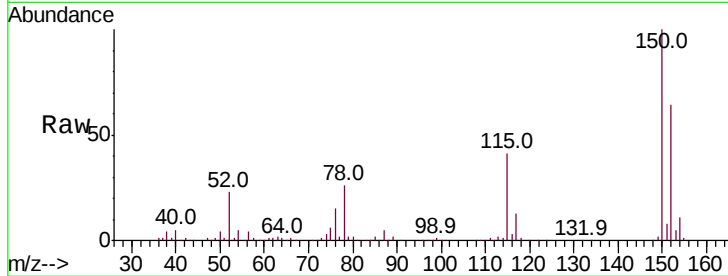


#1

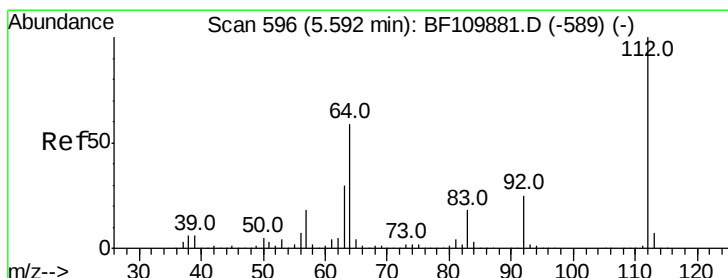
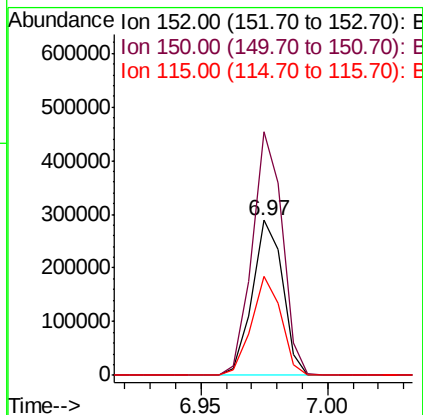
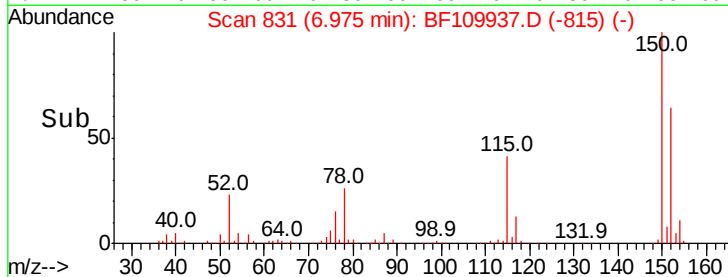
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF109937.D
 Acq: 17 Oct 2018 23:02

Instrument :
 BNA_F
 ClientSampleId :
 SODUS-TS

Tot Ion:152 Resp: 242252
 Ion Ratio Lower Upper
 152 100
 150 157.0 122.7 184.1
 115 64.2 49.1 73.7



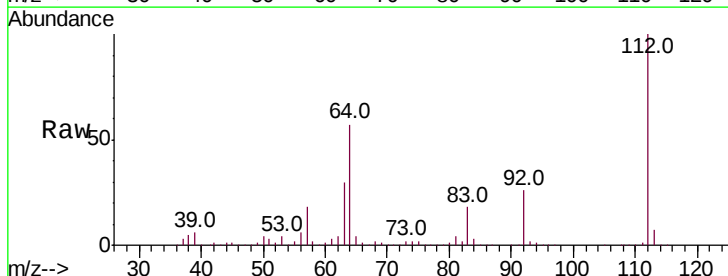
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



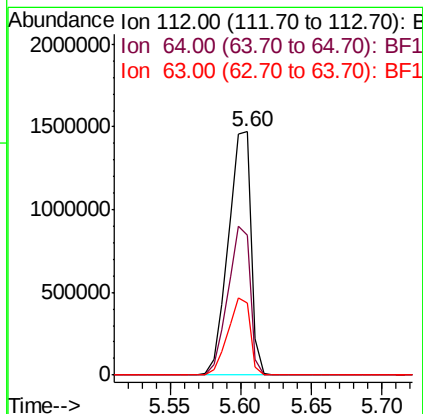
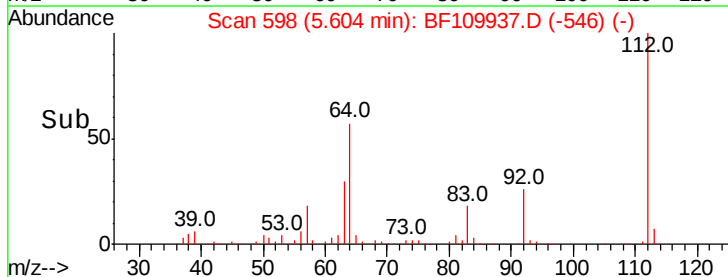
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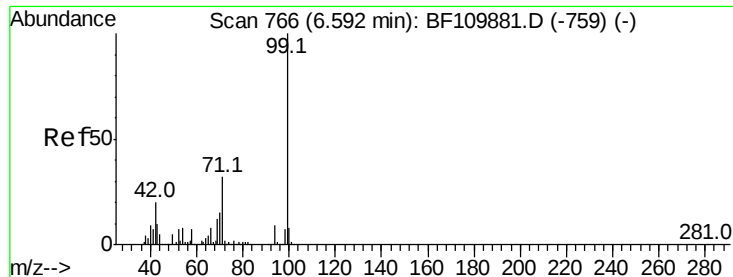
2-Fluorophenol
 Concen: 107.623 ng
 RT: 5.60 min Scan# 598
 Delta R.T. 0.01 min
 Lab File: BF109937.D
 Acq: 17 Oct 2018 23:02

Tgt Ion:112 Resp: 1644768
 Ion Ratio Lower Upper
 112 100
 64 57.3 44.1 66.1
 63 29.6 23.7 35.5



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: 108.197 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF109937.D

Acq: 17 Oct 2018 23:02

Instrument :

BNA_F

ClientSampleId :

SODUS-TS

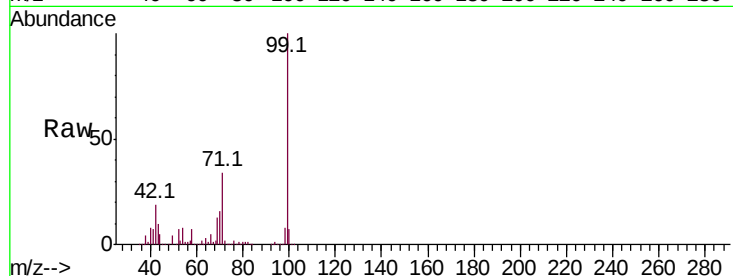
Tot Ion: 99 Resp: 2053268

Ion Ratio Lower Upper

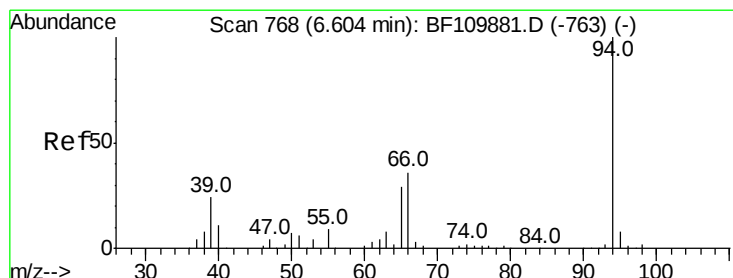
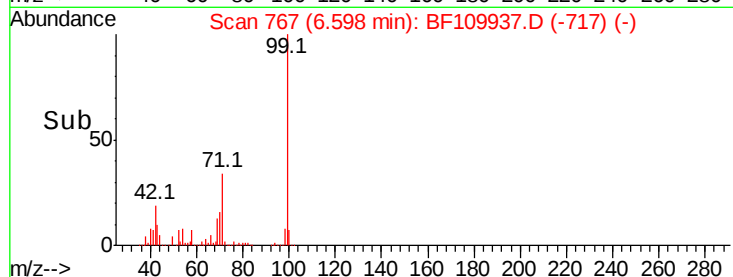
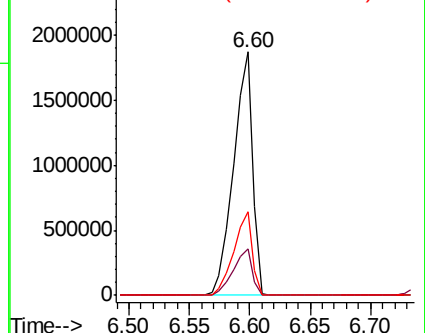
99 100

42 19.3 15.8 23.6

71 34.3 28.0 42.0



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: 5.334 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF109937.D

Acq: 17 Oct 2018 23:02

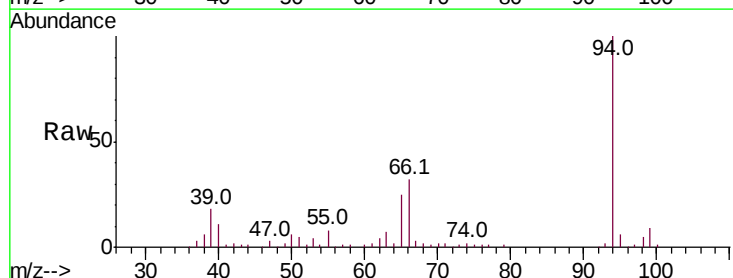
Tgt Ion: 94 Resp: 109292

Ion Ratio Lower Upper

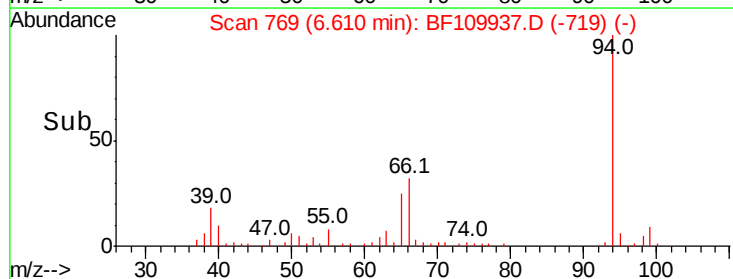
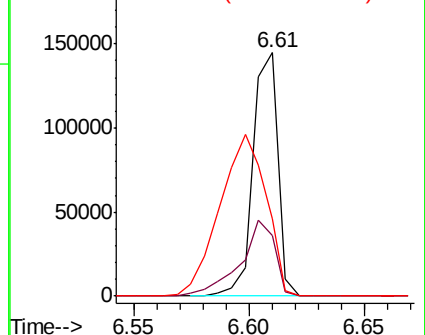
94 100

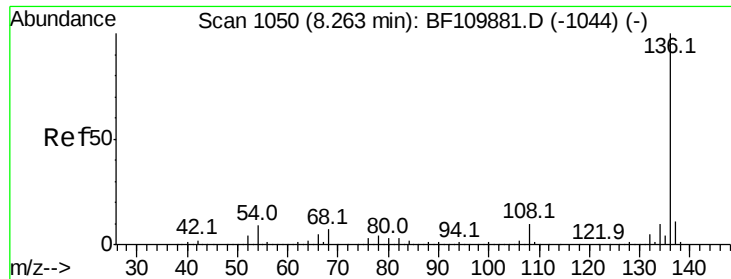
65 24.6 25.3 65.3#

66 31.9 54.5 94.5#



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

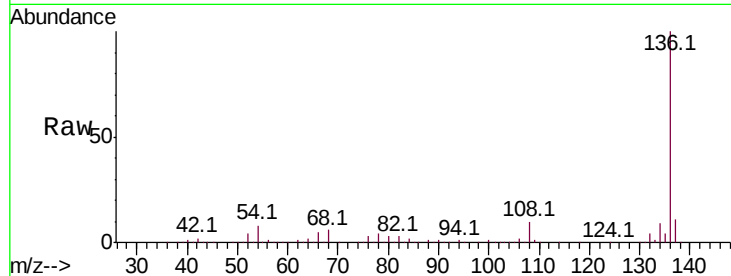




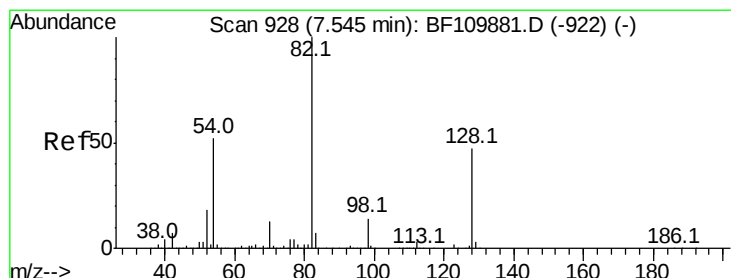
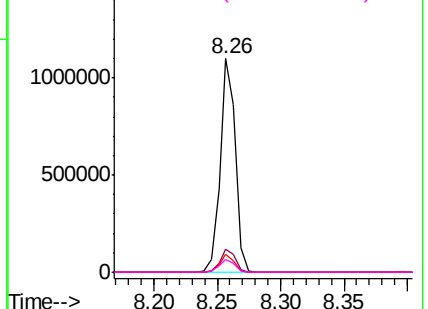
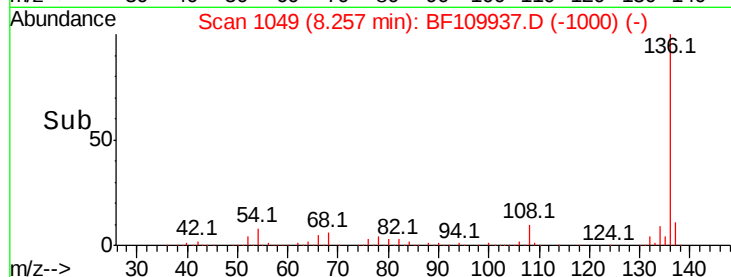
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109937.D
Acq: 17 Oct 2018 23:02

Instrument :
BNA_F
ClientSampleId :
SODUS-TS

Tot Ion:	136	Resp:	921525
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.3	5.4	8.2#
68	6.1	4.2	6.2

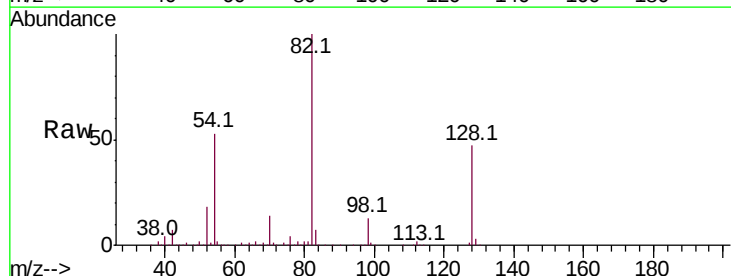


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

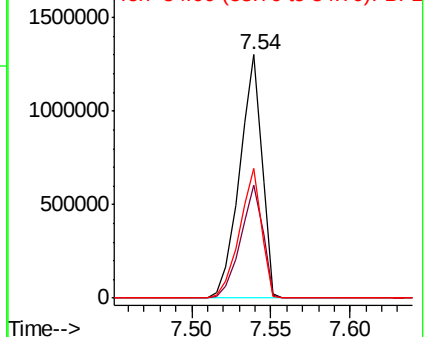
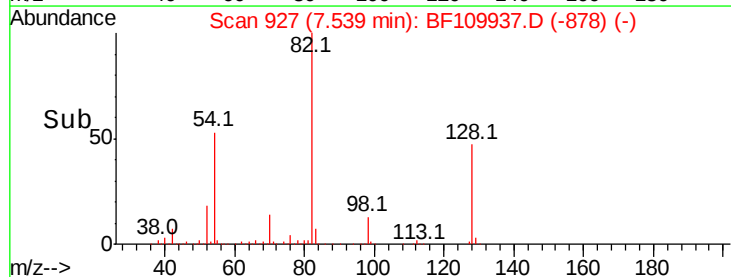


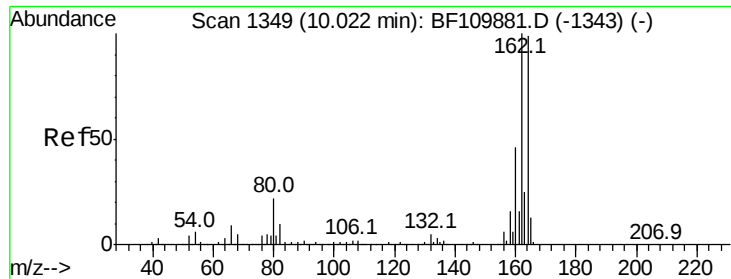
#23
Nitrobenzene-d5
Concen: 92.446 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109937.D
Acq: 17 Oct 2018 23:02

Tgt Ion:	82	Resp:	1264641
Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.2	51.2
54	53.1	38.6	58.0



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

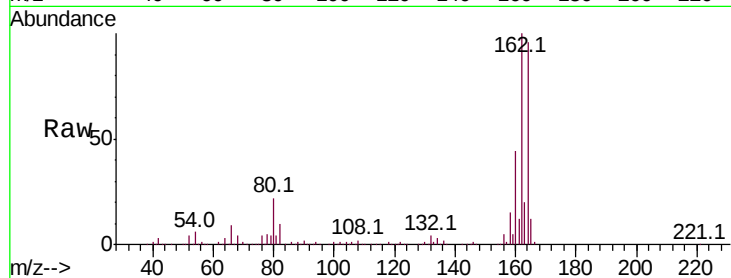




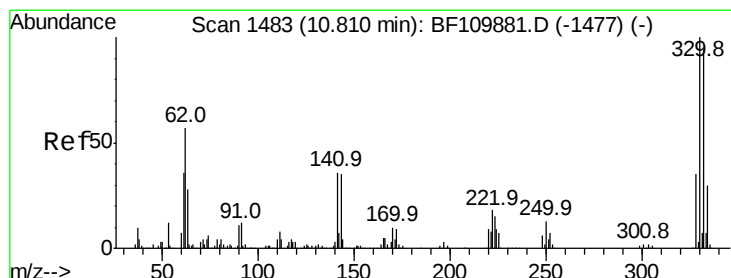
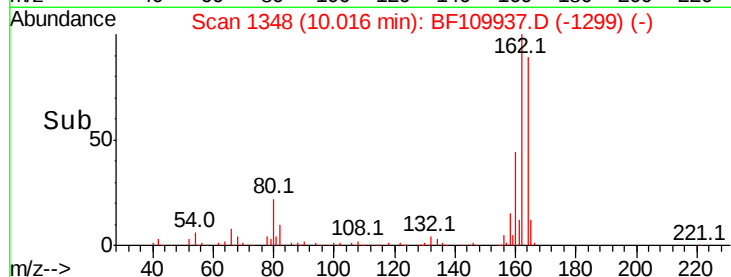
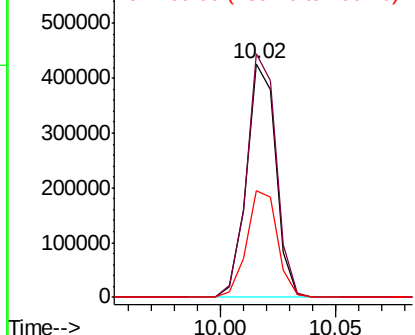
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF109937.D
 Acq: 17 Oct 2018 23:02

Instrument :
 BNA_F
 ClientSampleId :
 SODUS-TS

Tot Ion:164 Resp: 379468
 Ion Ratio Lower Upper
 164 100
 162 104.2 83.0 124.6
 160 45.4 37.0 55.6

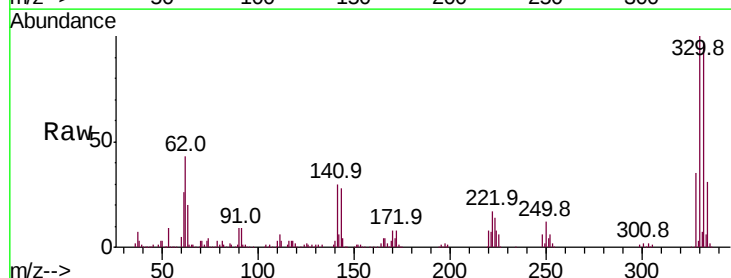


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

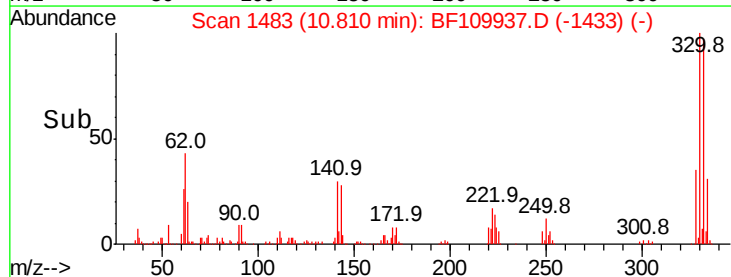
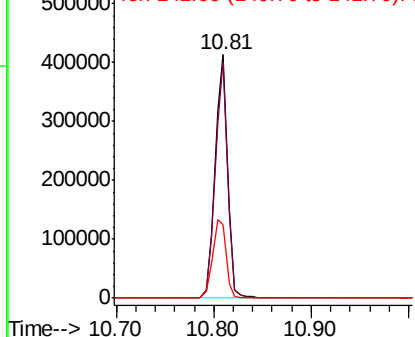


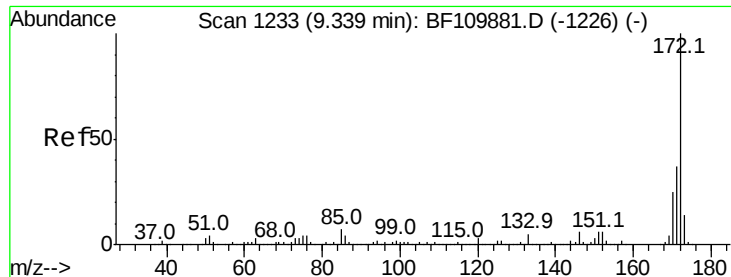
#42
 2,4,6-Tribromophenol
 Concen: 111.324 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF109937.D
 Acq: 17 Oct 2018 23:02

Tgt Ion:330 Resp: 365738
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.1 115.7
 141 35.1 27.0 40.4



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

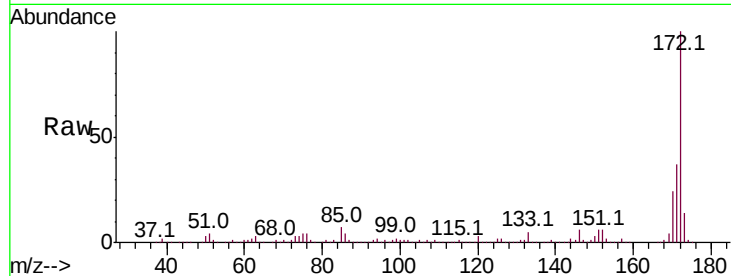




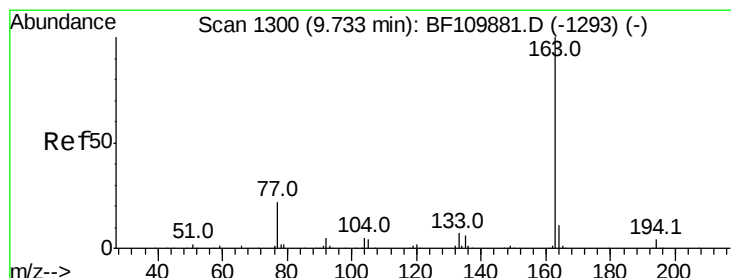
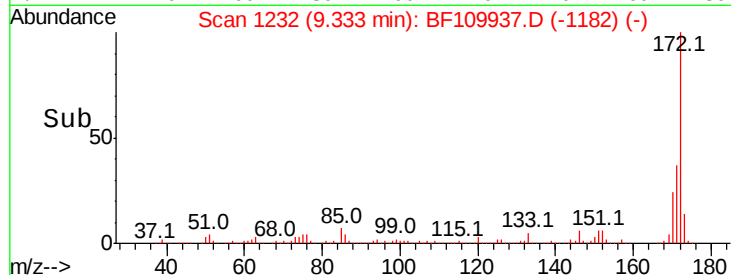
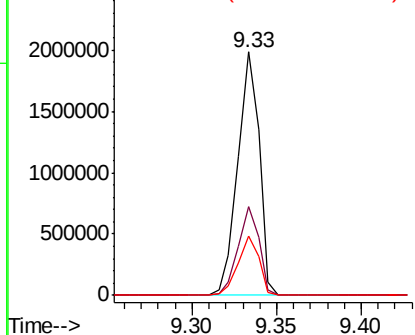
#45
2-Fluorobiphenyl
Concen: 73.639 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109937.D
Acq: 17 Oct 2018 23:02

Instrument :
BNA_F
ClientSampleId :
SODUS-TS

Tot Ion:172 Resp: 1751238
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 24.5 19.7 29.5

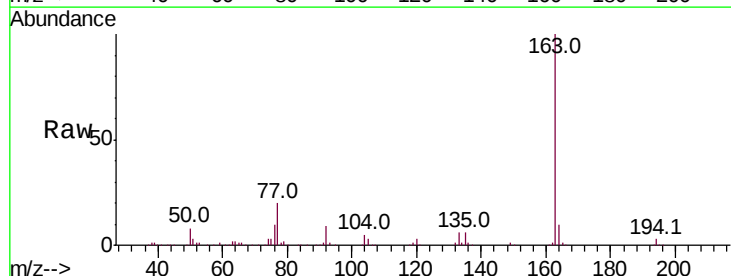


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

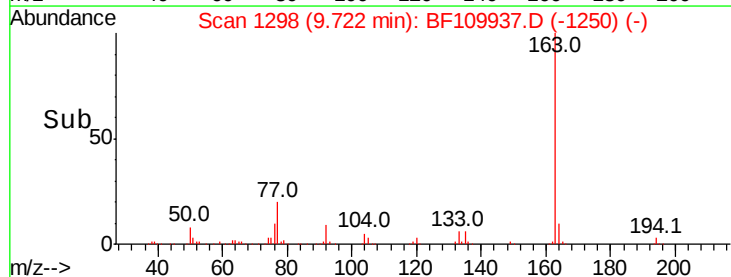
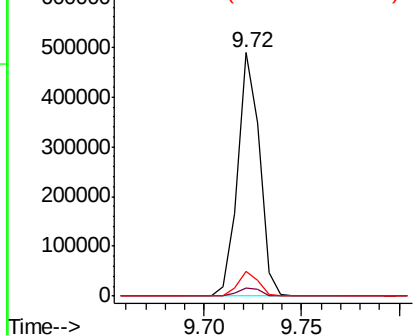


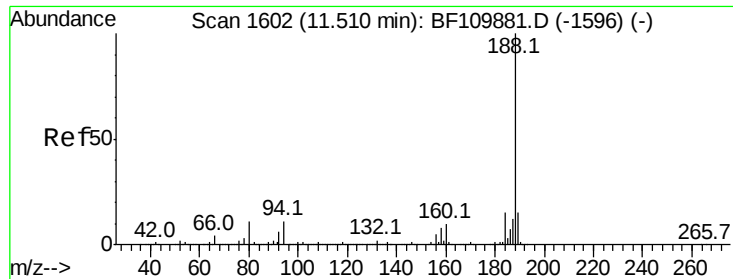
#50
Dimethylphthalate
Concen: 14.100 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109937.D
Acq: 17 Oct 2018 23:02

Tgt Ion:163 Resp: 378868
Ion Ratio Lower Upper
163 100
194 3.2 3.2 4.8
164 10.0 8.1 12.1



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

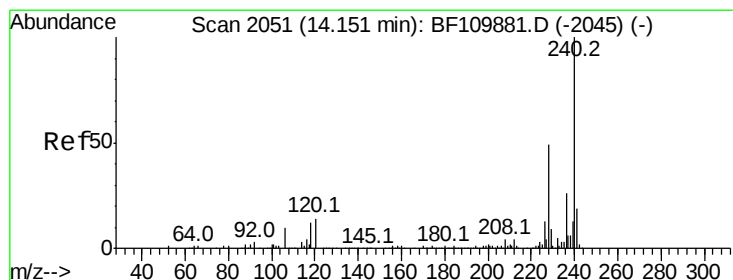
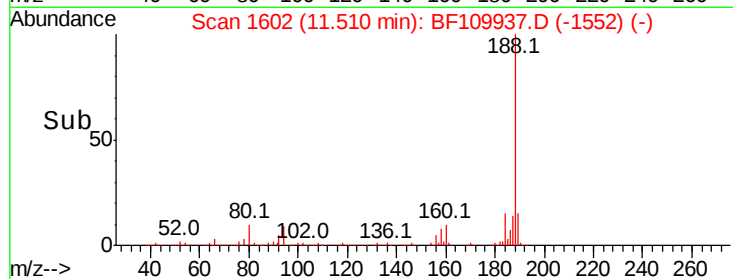
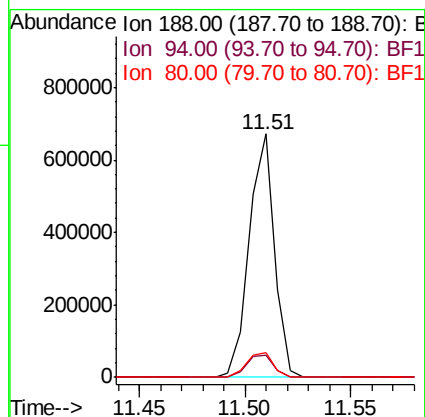
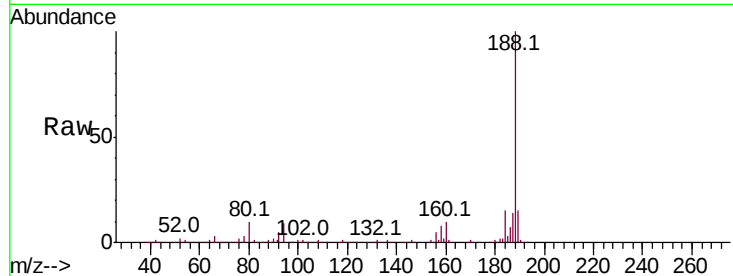




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109937.D
Acq: 17 Oct 2018 23:02

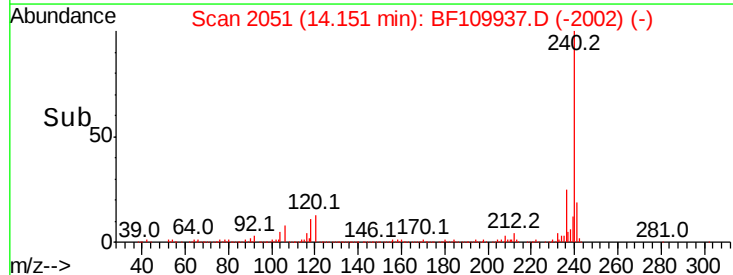
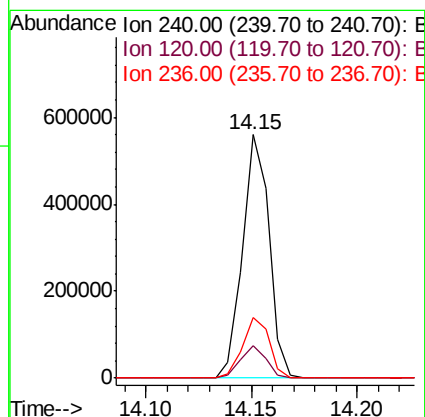
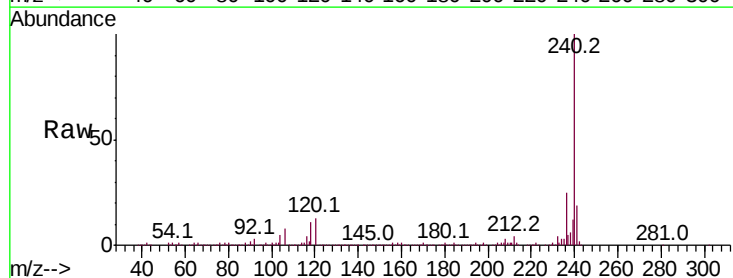
Instrument :
BNA_F
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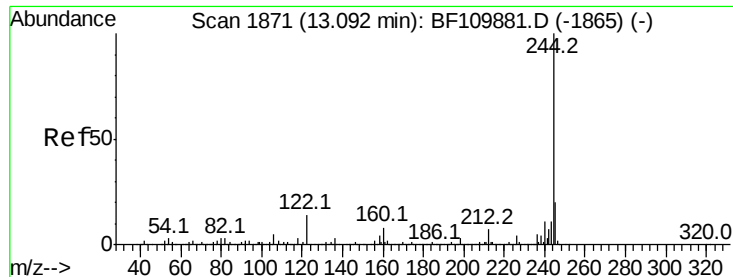
Tot Ion:188 Resp: 556859
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF109937.D
Acq: 17 Oct 2018 23:02

Tgt Ion:240 Resp: 487165
Ion Ratio Lower Upper
240 100
120 13.1 8.3 12.5#
236 24.7 21.2 31.8



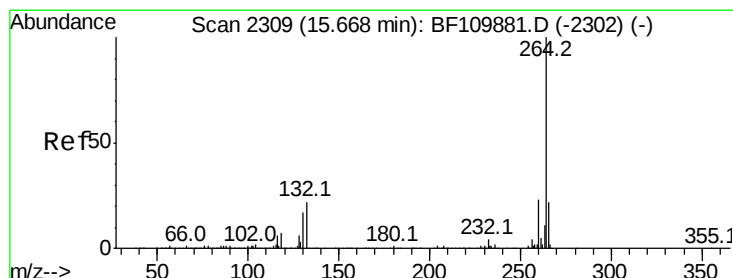
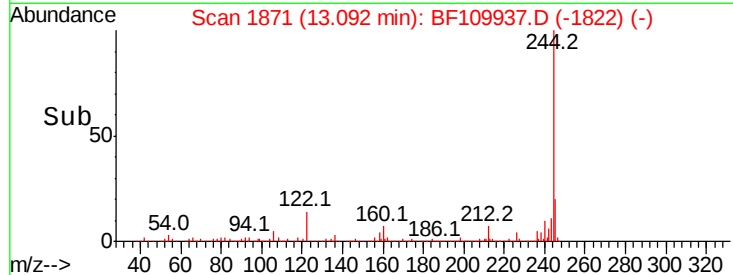
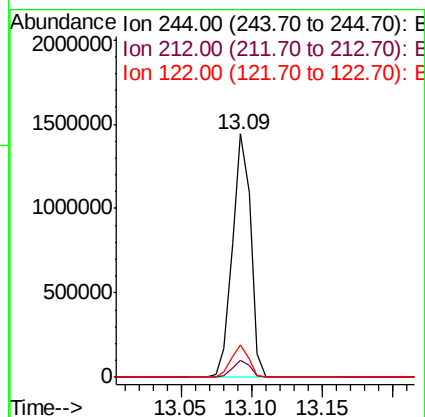
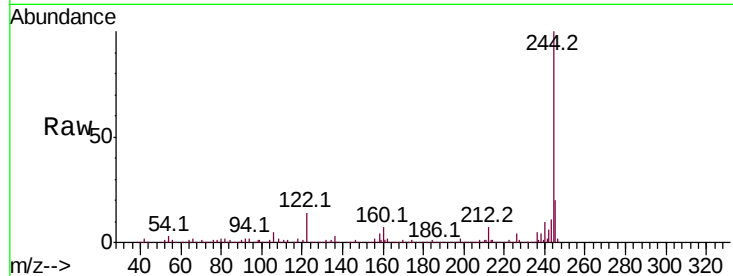


#79
 Terphenyl-d14
 Concen: 55.620 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF109937.D
 Acq: 17 Oct 2018 23:02

Instrument :
 BNA_F
 ClientSampleId :
 SODUS-TS

Tot Ion:244 Resp: 1290338

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	13.5	8.7	13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BF109937.D
 Acq: 17 Oct 2018 23:02

Tgt Ion:264 Resp: 458319

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	20.8	16.7	25.1

