Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100467.D
Acq On : 12 Nov 2017 4:23
Operator : SJ/JU
Sample : I6408-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A19R(17.5-19.5)

Quant Time: Nov 13 05:43:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	133291	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	492091	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	201101	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	314206	20.00	ng		0.00
75) Chrysene-d12	14.06	240	283528	20.00	ng		0.00
86) Perylene-d12	15.54	264	199543	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	971653	116.85	ng		0.01
7) Phenol-d6	6.53	99	1199286	116.96	ng		0.00
23) Nitrobenzene-d5	7.46	82	716477	96.26	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	221978	108.32	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1053924	79.80	ng		0.00
78) Terphenyl-d14	13.01	244	804931	65.23	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.54	94	59551	5.532	ng		94
37) 2-Methylnaphthalene	8.90	142	35471	2.254	ng		94
49) Dimethylphthalate	9.65	163	85020	5.537	ng	#	94

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

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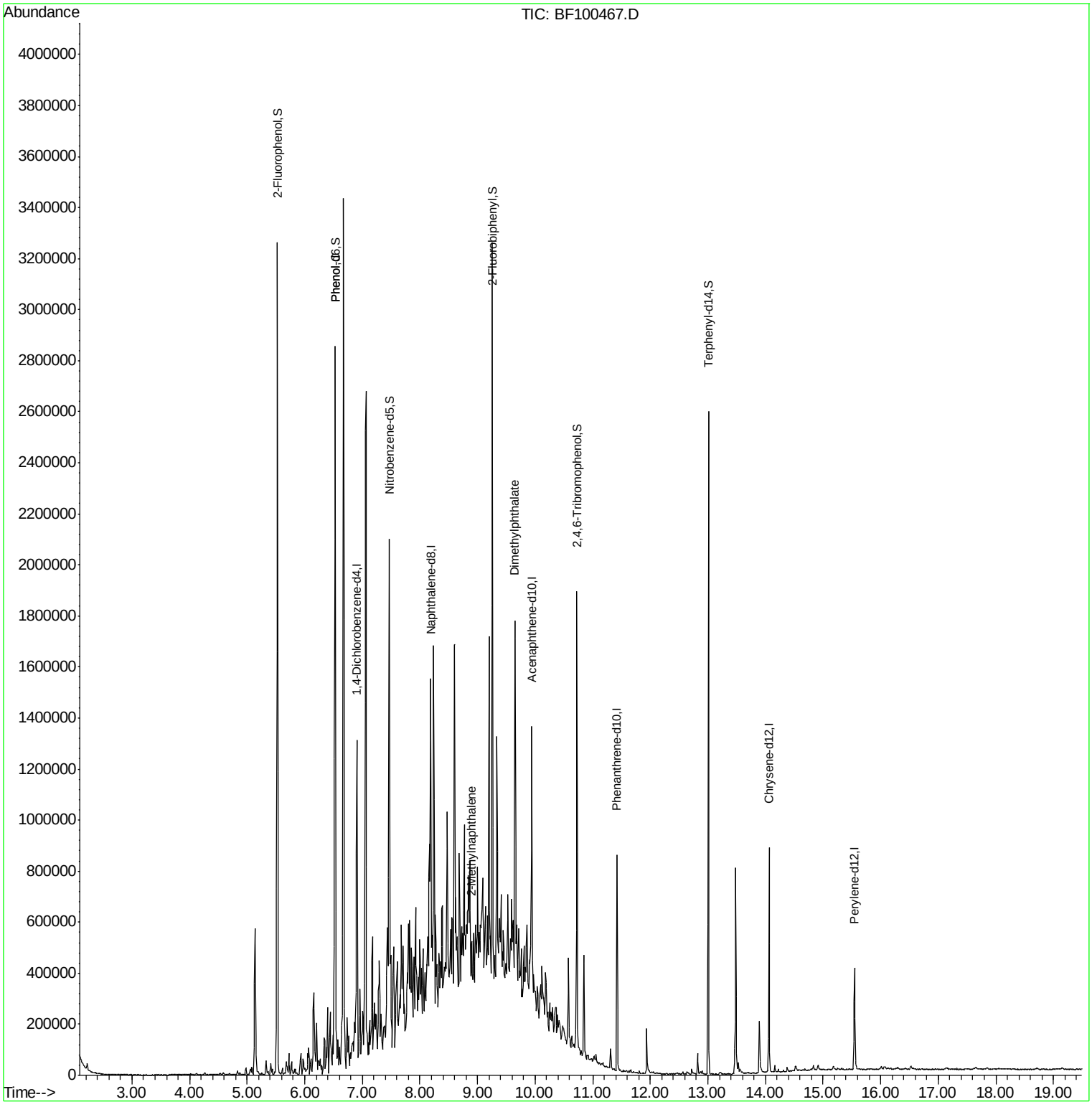
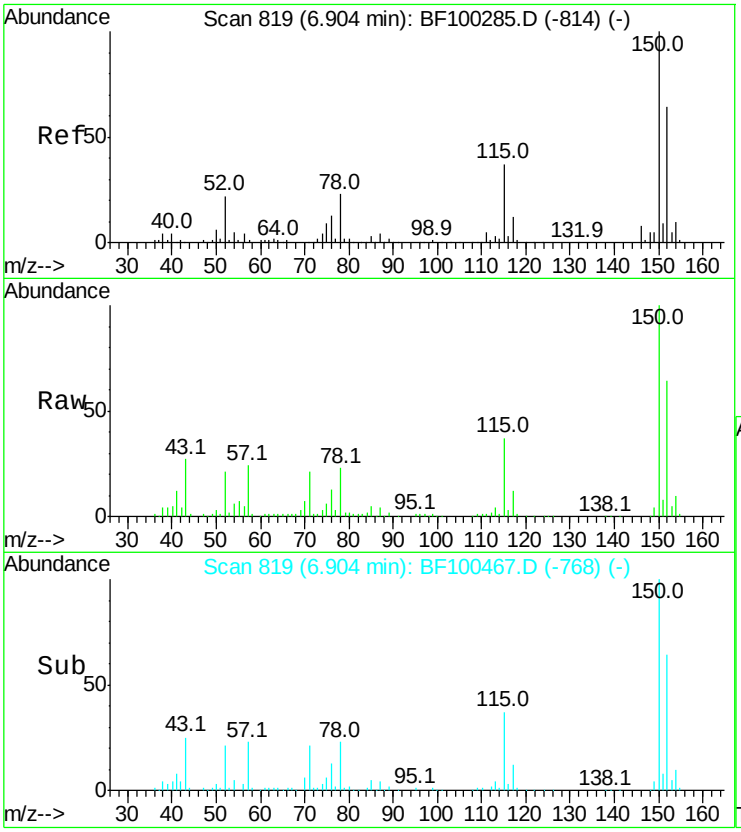


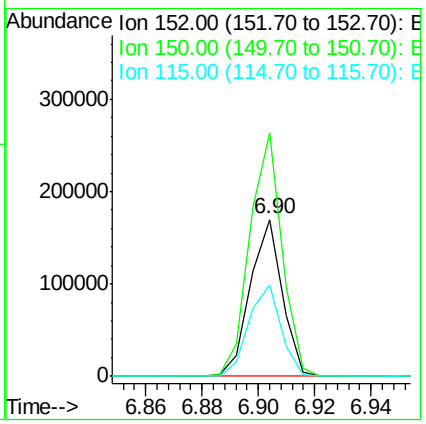


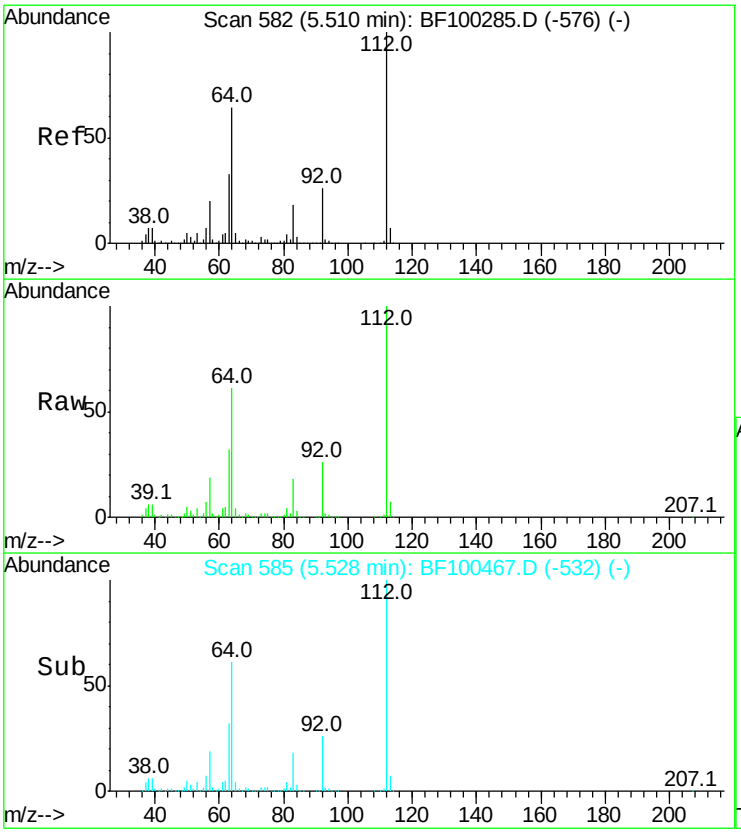
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100467.D
Acq: 12 Nov 2017 4:23

Instrument :
BNA_F
ClientSampleId :
MW-A19R(17.5-19.5)

Tgt Ion:152 Resp: 133291

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	58.3	50.1	75.1

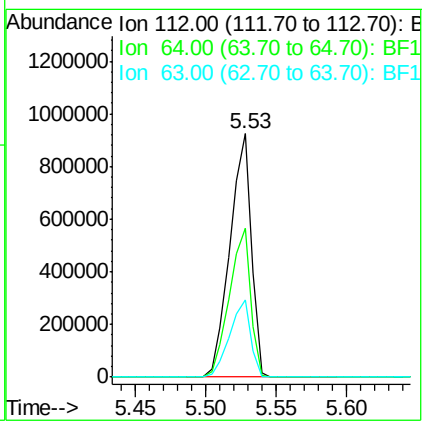


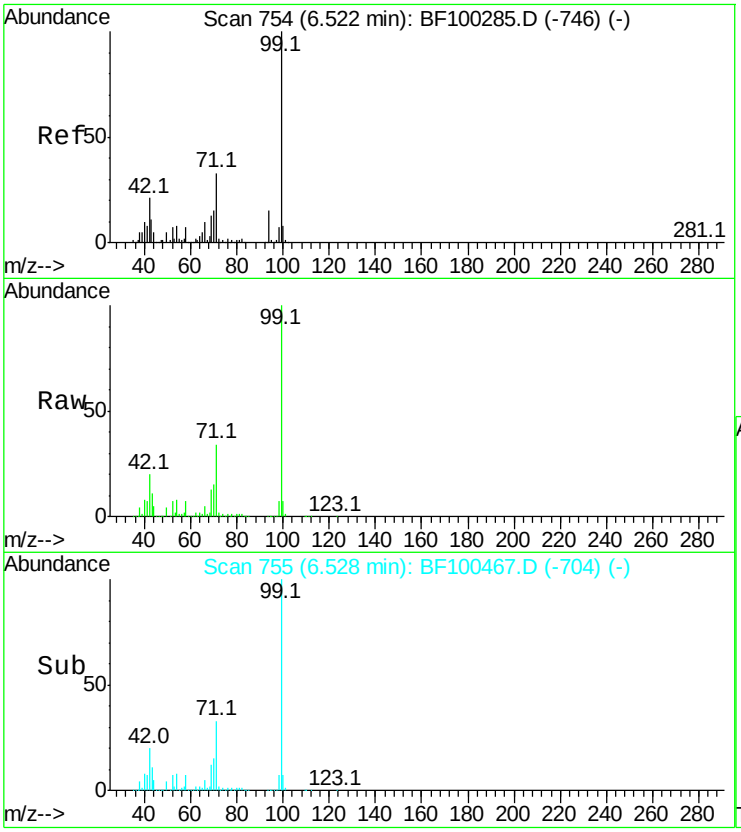


#5
2-Fluorophenol
Concen: 116.853 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF100467.D
Acq: 12 Nov 2017 4:23

Tgt Ion:112 Resp: 971653

Ion	Ratio	Lower	Upper
112	100		
64	61.2	47.9	71.9
63	31.9	23.7	35.5



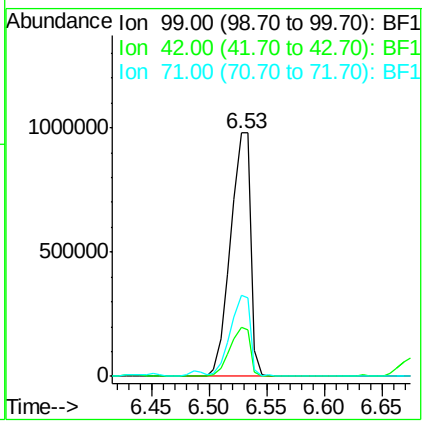


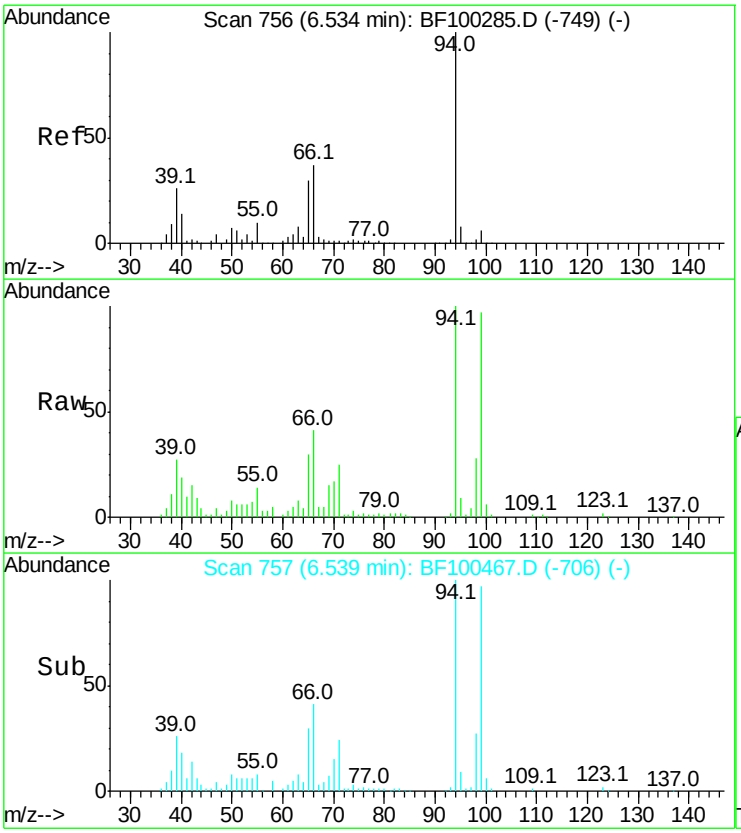
#7
Phenol-d6
Concen: 116.961 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF100467.D
Acq: 12 Nov 2017 4:23

Instrument :
BNA_F
ClientSampleId :
MW-A19R(17.5-19.5)

Tgt Ion: 99 Resp: 1199286

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	33.5	25.4	38.0

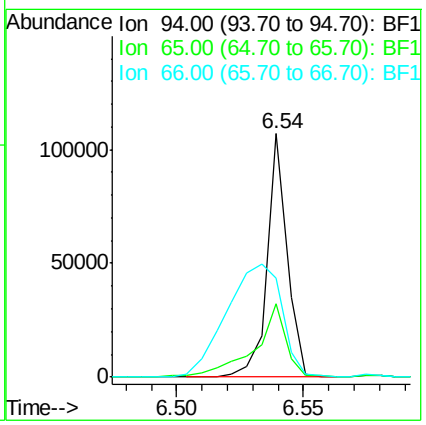


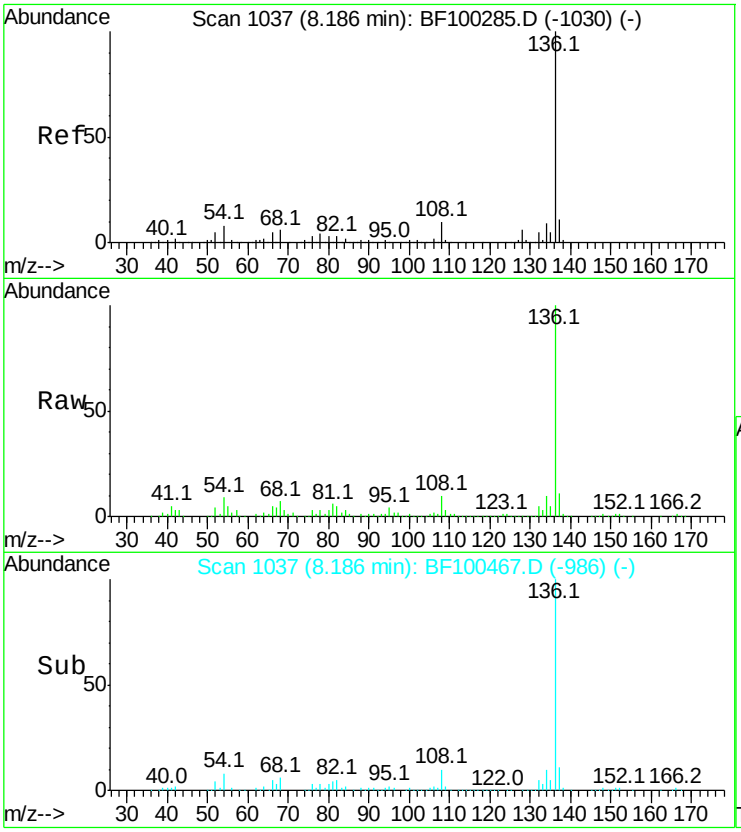


#10
Phenol
Concen: 5.532 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF100467.D
Acq: 12 Nov 2017 4:23

Tgt Ion: 94 Resp: 59551

Ion	Ratio	Lower	Upper
94	100		
65	30.2	7.9	47.9
66	40.8	16.2	56.2



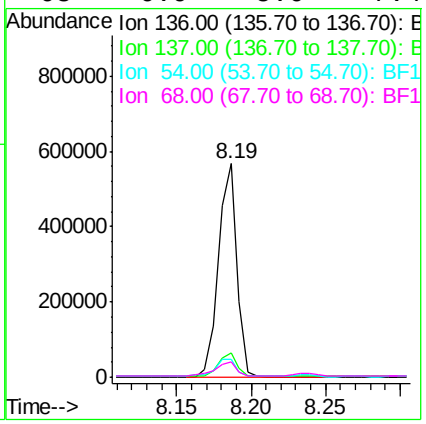


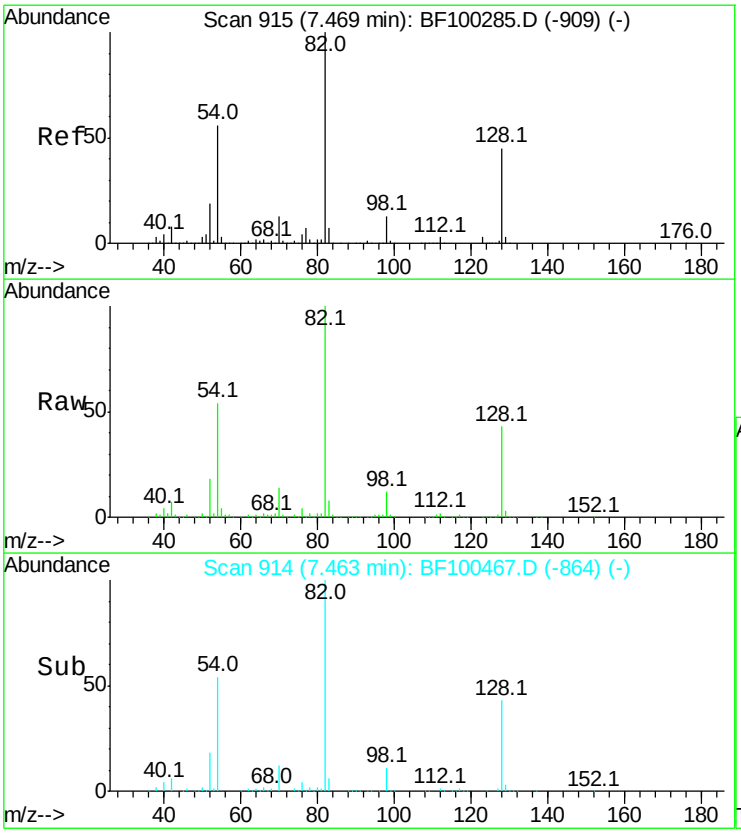
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100467.D
Acq: 12 Nov 2017 4:23

Instrument :
BNA_F
ClientSampleId :
MW-A19R(17.5-19.5)

Tgt Ion:136 Resp: 492091

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.5	6.6	9.8
68	6.9	5.0	7.4

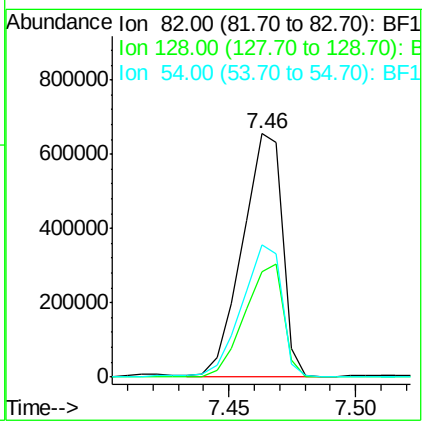


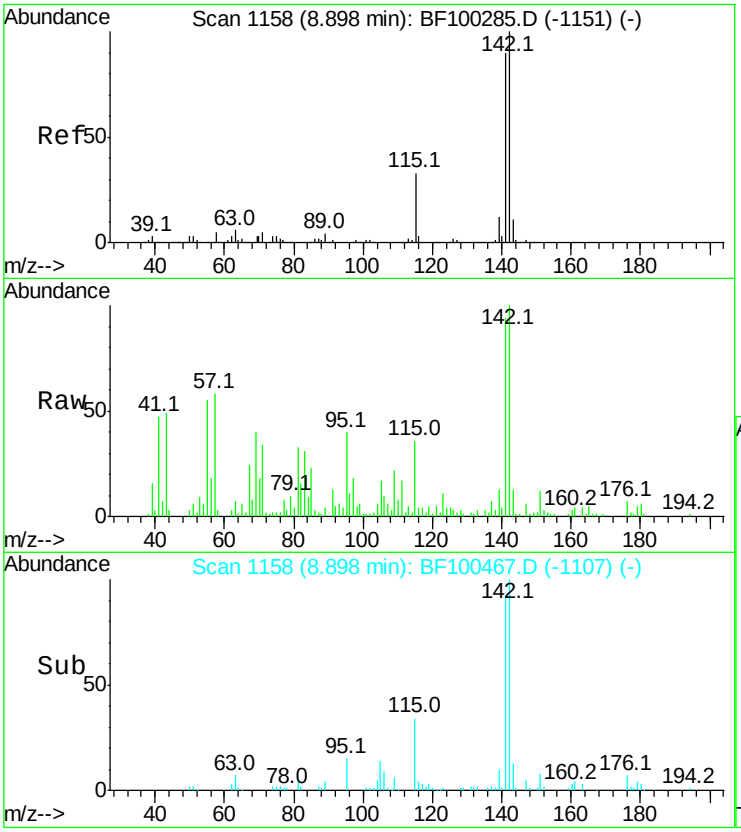


#23
Nitrobenzene-d5
Concen: 96.260 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100467.D
Acq: 12 Nov 2017 4:23

Tgt Ion: 82 Resp: 716477

Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	54.4	41.4	62.2



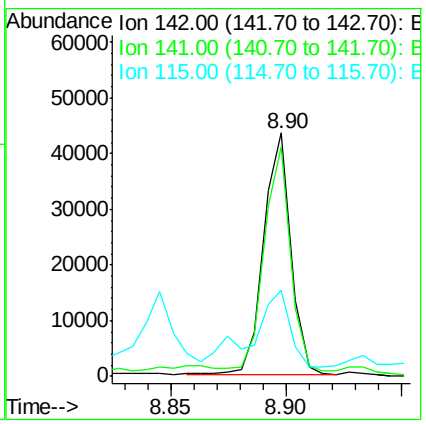


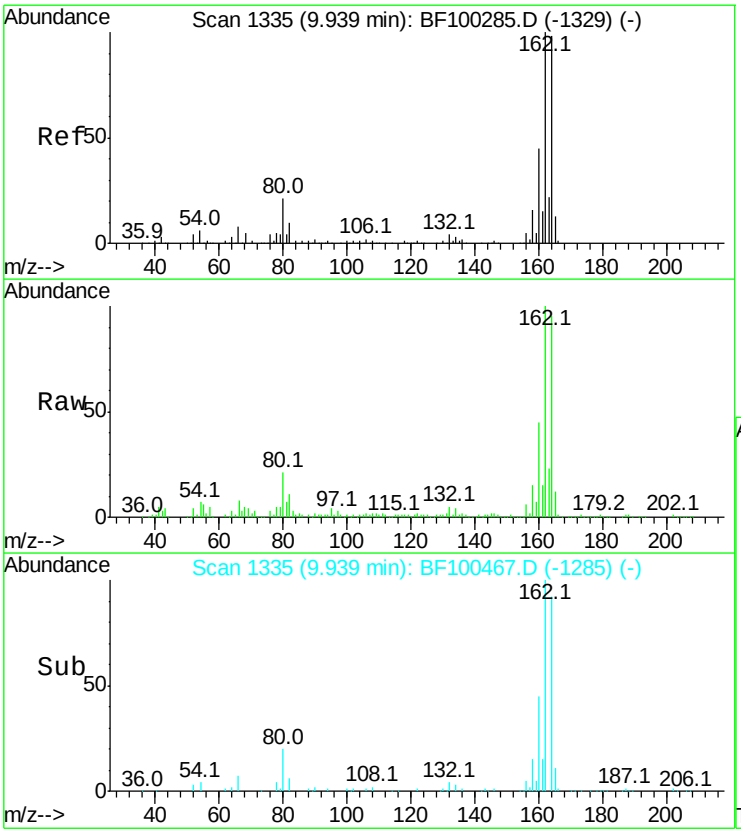
#37
2-Methylnaphthalene
Concen: 2.254 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF100467.D
Acq: 12 Nov 2017 4:23

Instrument :
BNA_F
ClientSampleId :
MW-A19R(17.5-19.5)

Tgt Ion:142 Resp: 35471

Ion	Ratio	Lower	Upper
142	100		
141	94.3	70.8	106.2
115	35.5	26.1	39.1

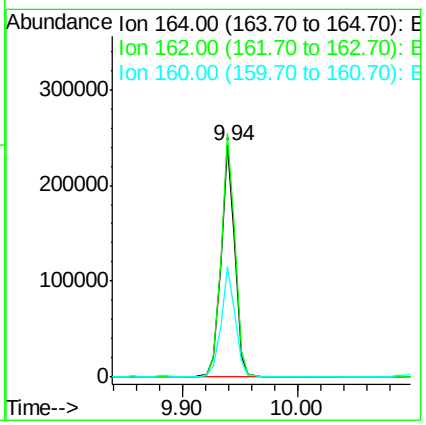


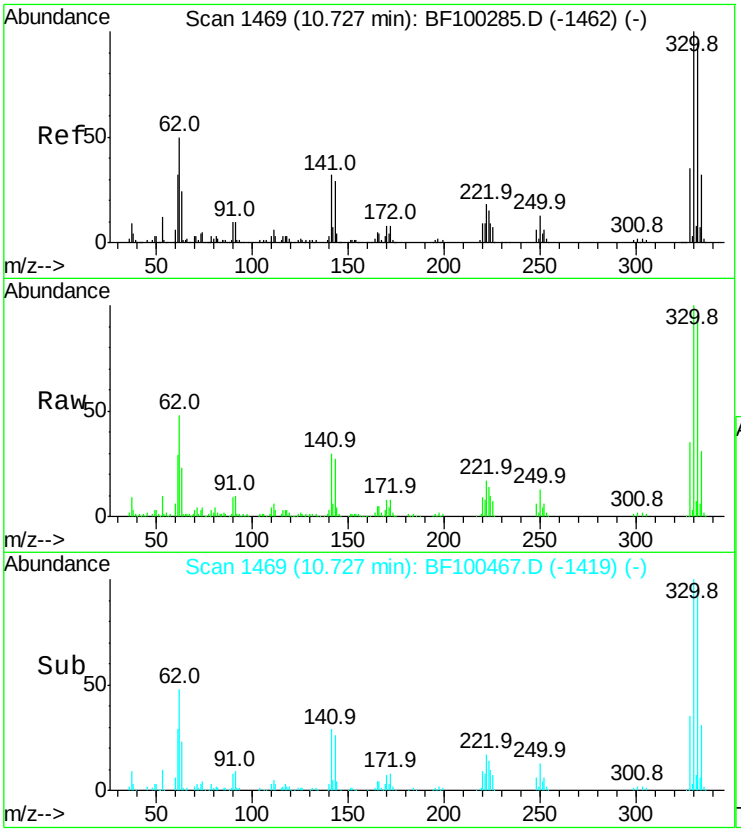


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100467.D
Acq: 12 Nov 2017 4:23

Tgt Ion:164 Resp: 201101

Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	47.8	38.3	57.5



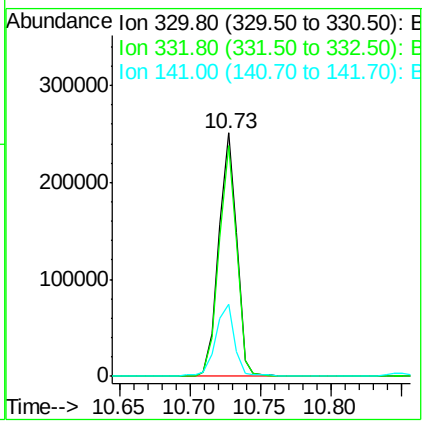


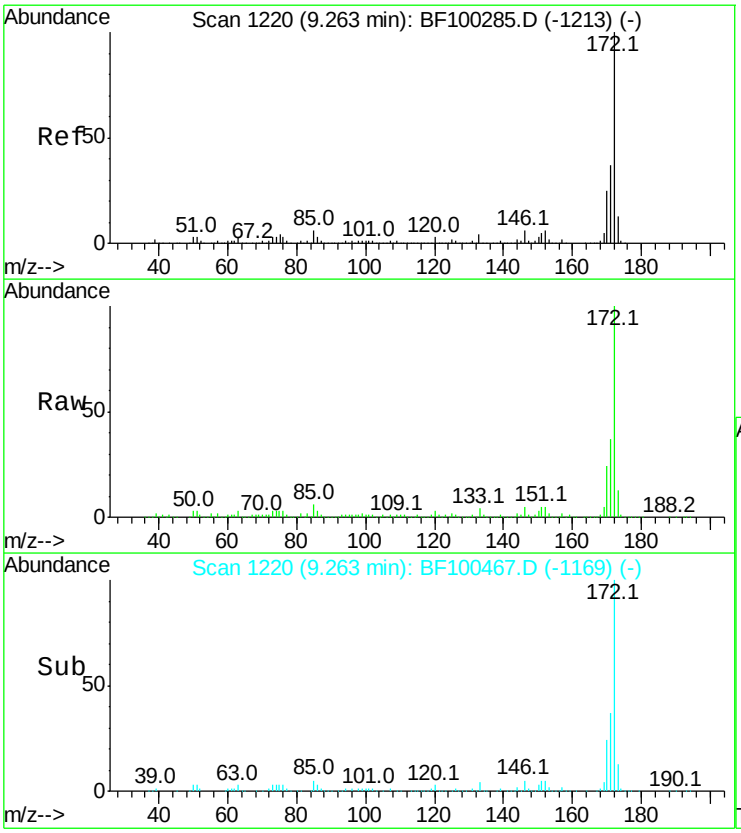
#41
2,4,6-Tribromophenol
Concen: 108.323 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100467.D
Acq: 12 Nov 2017 4:23

Instrument :
BNA_F
ClientSampleId :
MW-A19R(17.5-19.5)

Tgt Ion:330 Resp: 221978

Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	30.2	29.9	44.9

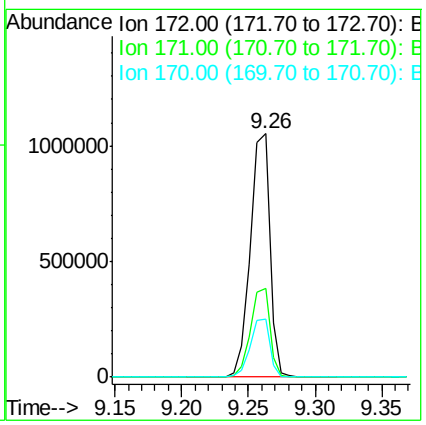


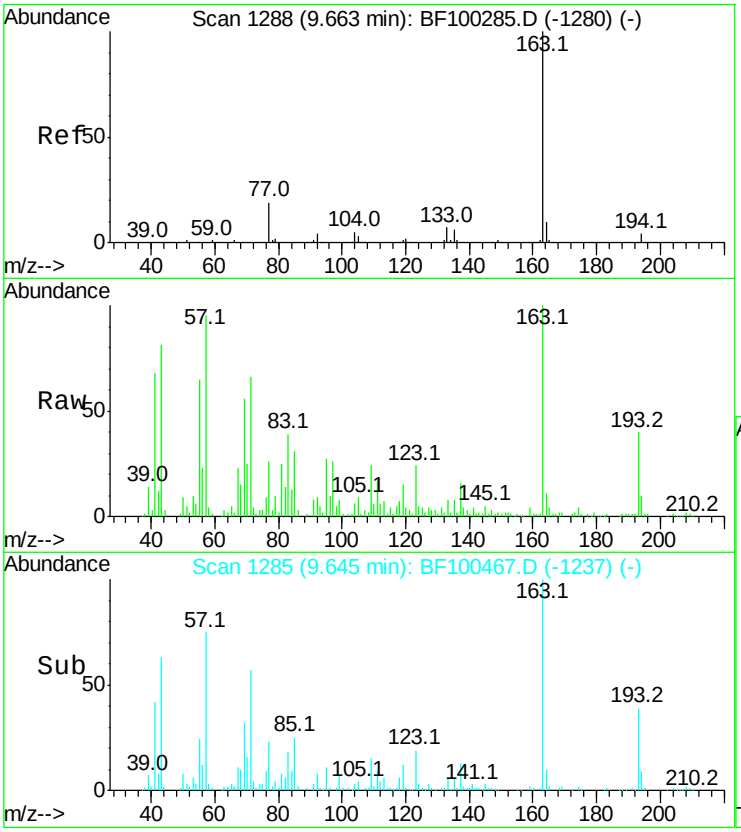


#44
2-Fluorobiphenyl
Concen: 79.802 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF100467.D
Acq: 12 Nov 2017 4:23

Tgt Ion:172 Resp: 1053924

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.8	19.6	29.4



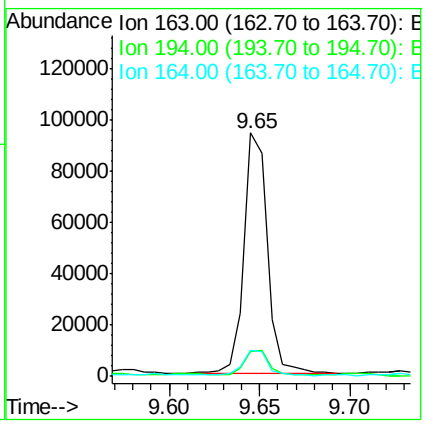


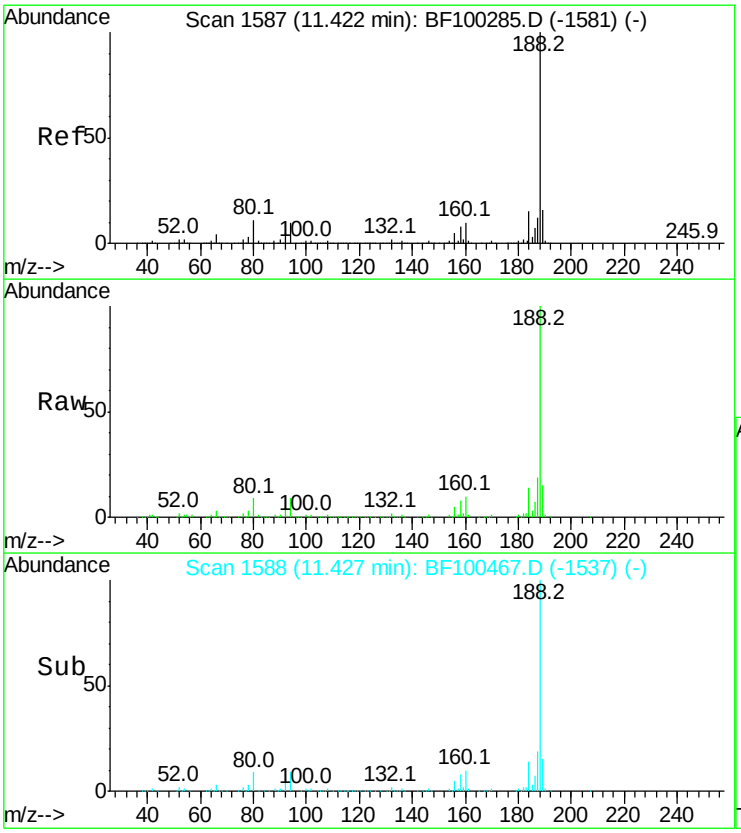
#49
Dimethylphthalate
Concen: 5.537 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100467.D
Acq: 12 Nov 2017 4:23

Instrument :
BNA_F
ClientSampleId :
MW-A19R(17.5-19.5)

Tgt Ion:163 Resp: 85020

Ion	Ratio	Lower	Upper
163	100		
194	10.4	2.7	4.1#
164	10.7	8.2	12.2

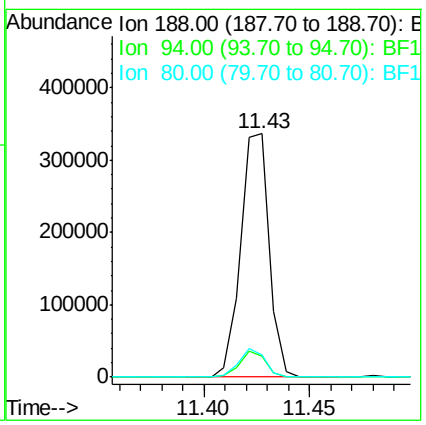


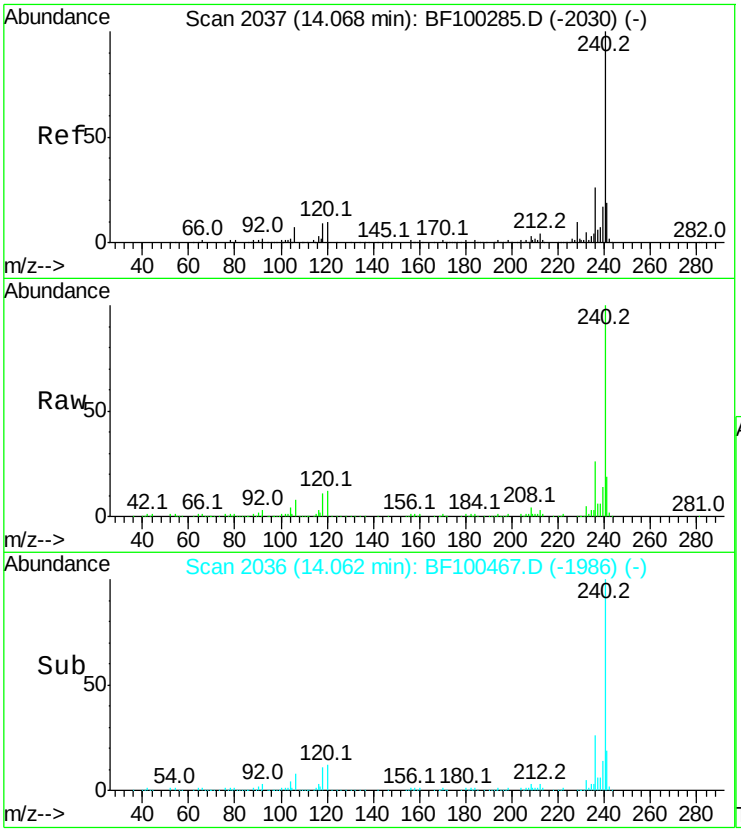


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100467.D
Acq: 12 Nov 2017 4:23

Tgt Ion:188 Resp: 314206

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.1	9.2	13.8#



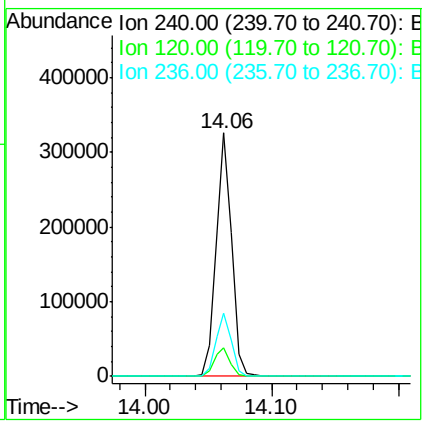


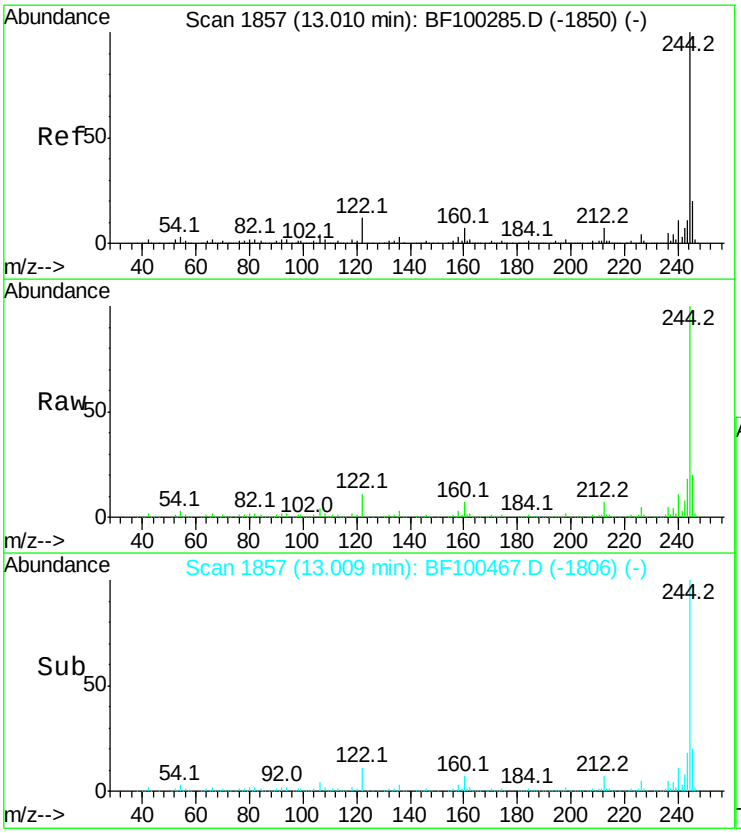
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100467.D
Acq: 12 Nov 2017 4:23

Instrument :
BNA_F
ClientSampleId :
MW-A19R(17.5-19.5)

Tgt Ion:240 Resp: 283528

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	26.0	20.7	31.1

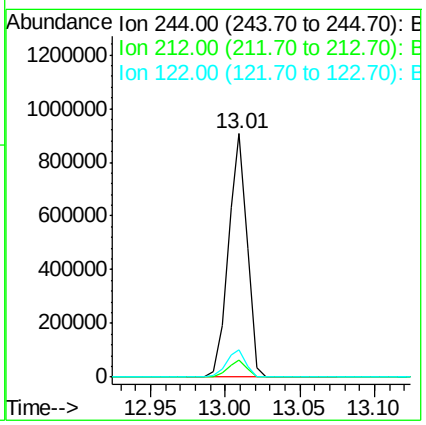


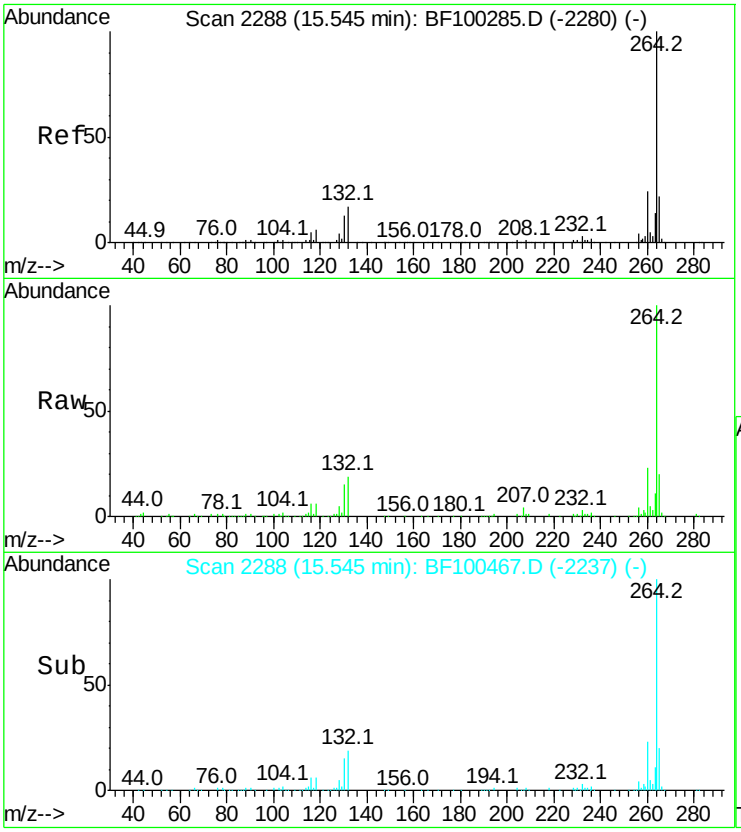


#78
Terphenyl-d14
Concen: 65.232 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF100467.D
Acq: 12 Nov 2017 4:23

Tgt Ion:244 Resp: 804931

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100467.D
Acq: 12 Nov 2017 4:23

Instrument :
BNA_F
ClientSampleId :
MW-A19R(17.5-19.5)

Tgt Ion:264 Resp: 199543

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	20.5	17.5	26.3