Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100367.D
Acq On : 10 Nov 2017 3:21
Operator : SJ/JU
Sample : I6346-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-5(30-32)

Quant Time: Nov 10 04:31:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 16:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	177769	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	692511	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	295595	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	489549	20.00	ng	0.00
75) Chrysene-d12	14.06	240	336636	20.00	ng	0.00
86) Perylene-d12	15.54	264	339330	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1276071	115.07	ng	0.02
7) Phenol-d6	6.53	99	1621672	118.58	ng	0.00
23) Nitrobenzene-d5	7.46	82	989853	94.50	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	351064	116.55	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1572477	81.00	ng	0.00
78) Terphenyl-d14	13.01	244	1080469	73.75	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.54	94	31110	2.167	ng	98
49) Dimethylphthalate	9.65	163	45397	2.011	ng	99

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

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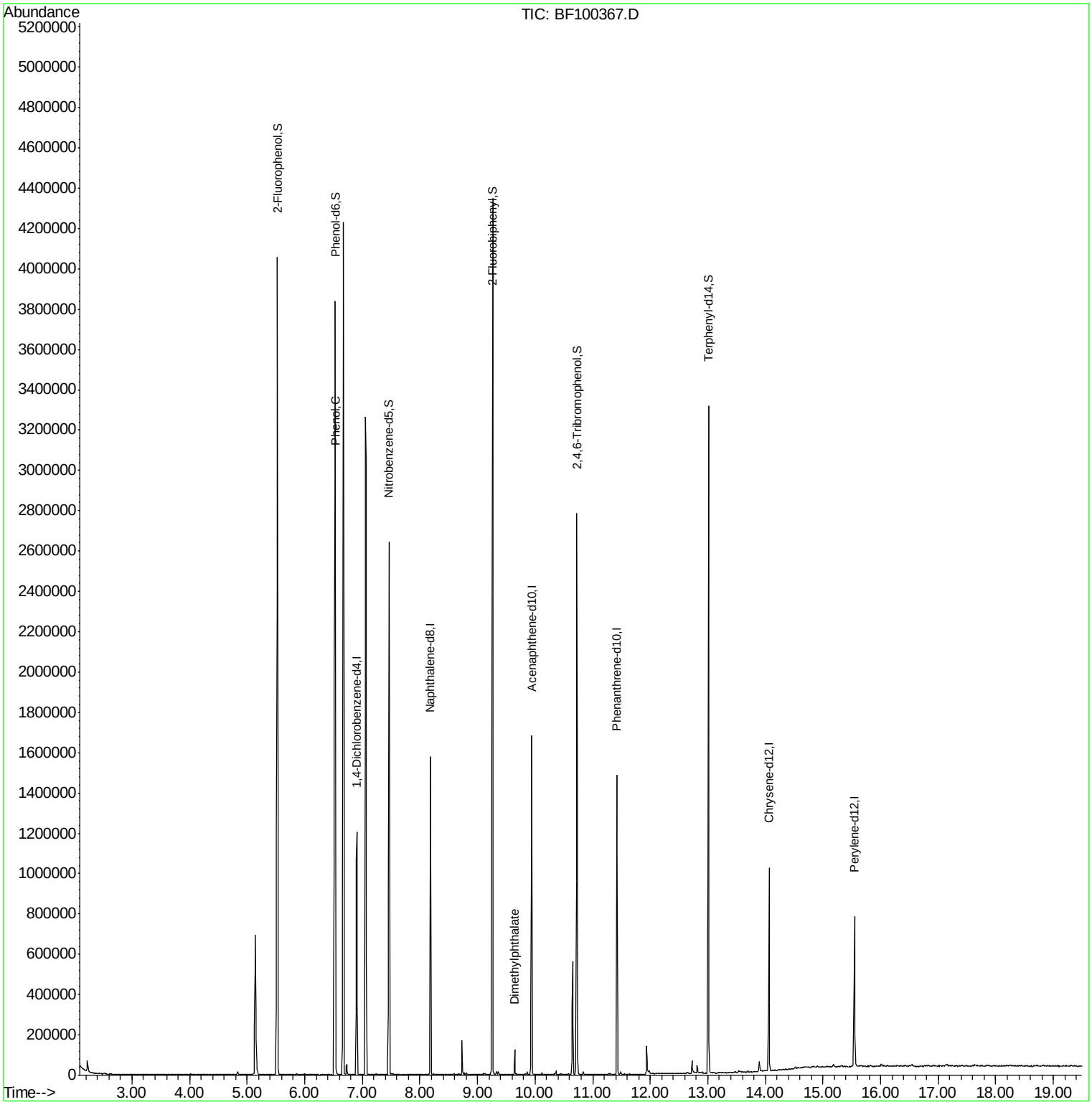
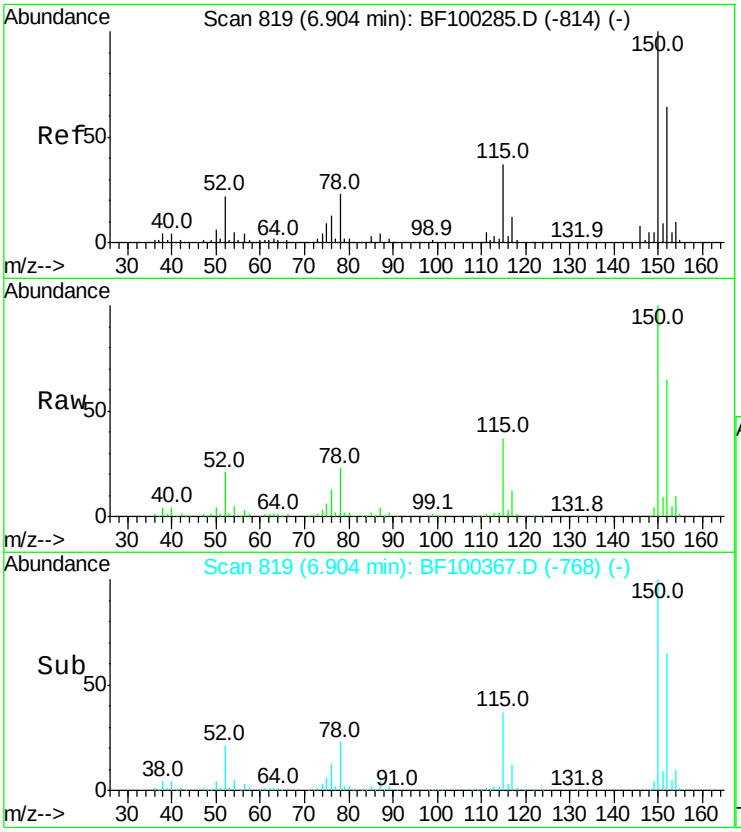


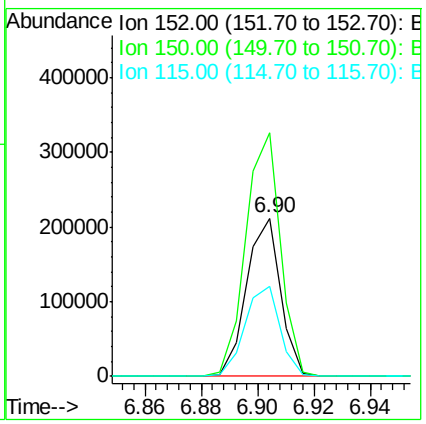


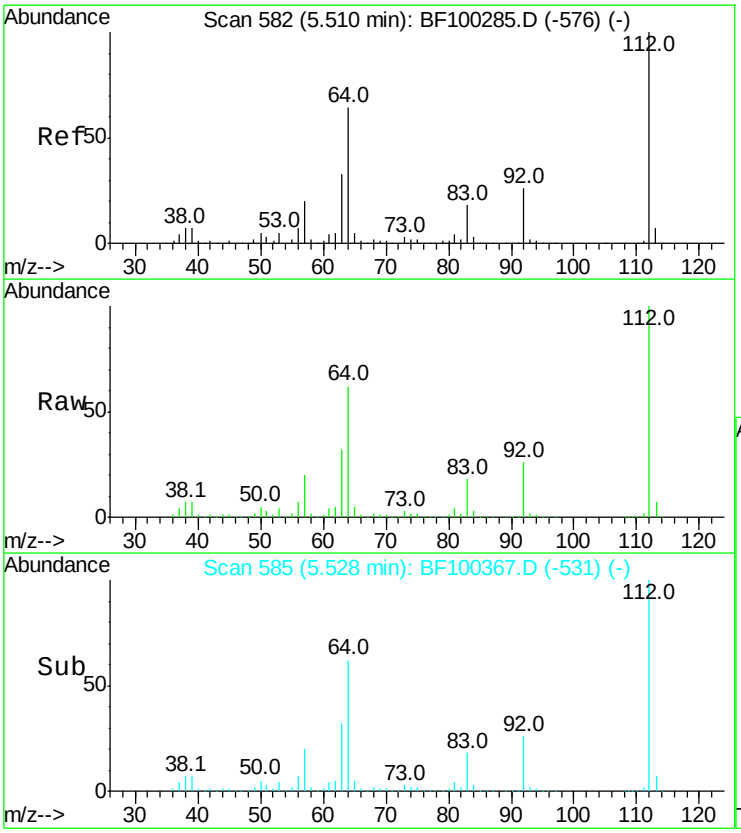
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100367.D
Acq: 10 Nov 2017 3:21

Instrument :
BNA_F
ClientSampleId :
EPE-120-5(30-32)

Tgt Ion:152 Resp: 177769

Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	56.7	50.1	75.1

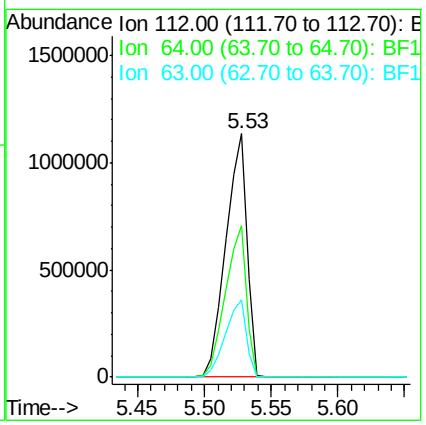


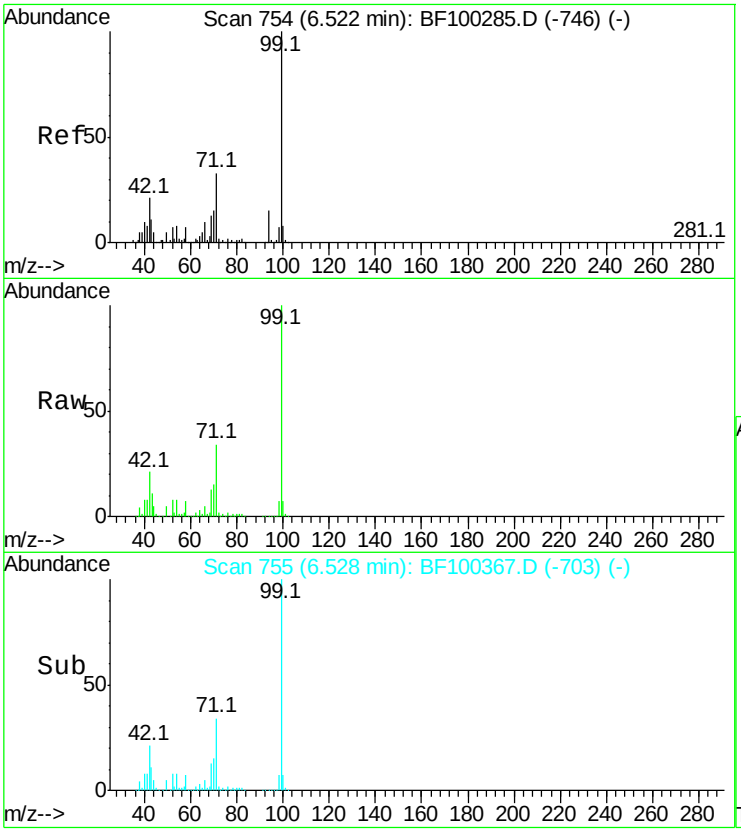


#5
2-Fluorophenol
Concen: 115.067 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.02 min
Lab File: BF100367.D
Acq: 10 Nov 2017 3:21

Tgt Ion:112 Resp: 1276071

Ion	Ratio	Lower	Upper
112	100		
64	62.2	47.9	71.9
63	31.9	23.7	35.5



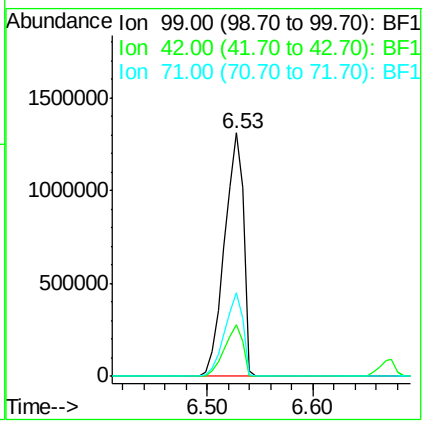


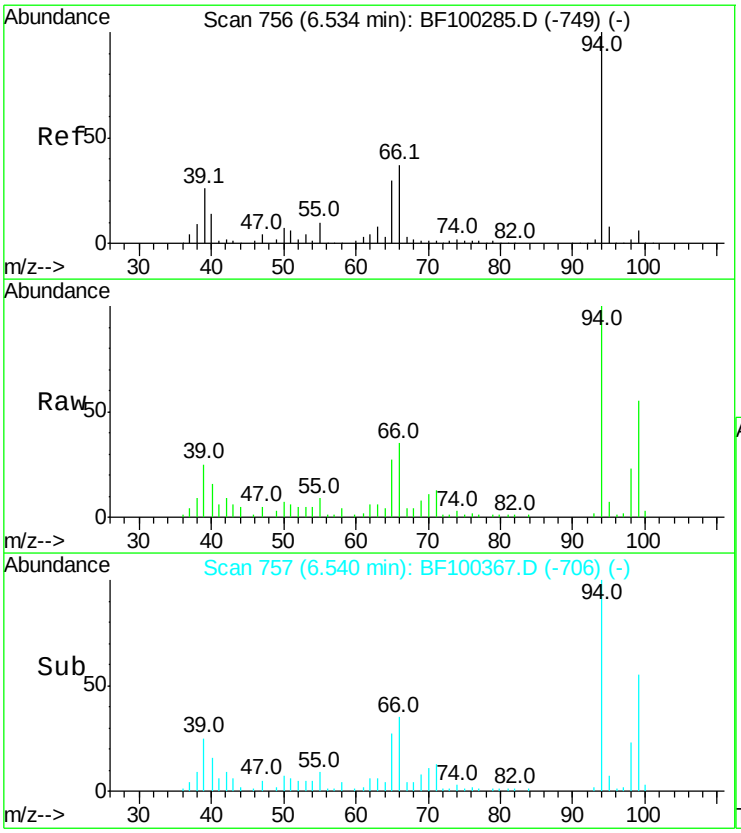
#7
Phenol-d6
Concen: 118.584 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF100367.D
Acq: 10 Nov 2017 3:21

Instrument :
BNA_F
ClientSampleId :
EPE-120-5(30-32)

Tgt Ion: 99 Resp: 1621672

Ion	Ratio	Lower	Upper
99	100		
42	21.3	14.5	21.7
71	34.2	25.4	38.0

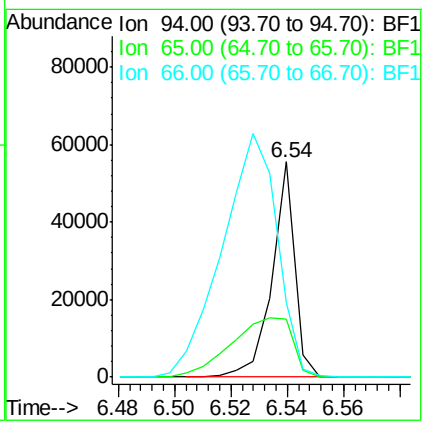


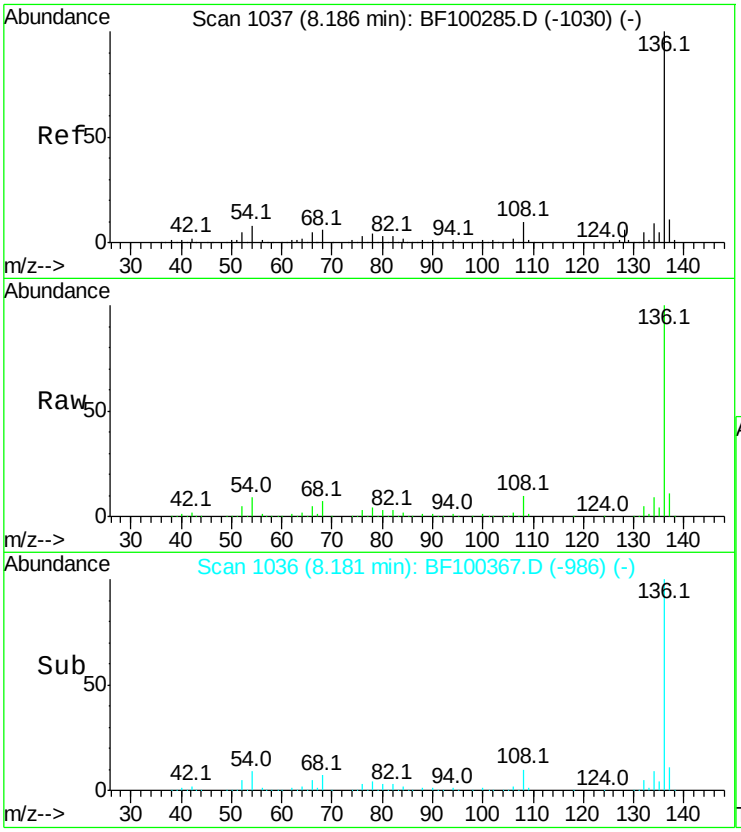


#10
Phenol
Concen: 2.167 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF100367.D
Acq: 10 Nov 2017 3:21

Tgt Ion: 94 Resp: 31110

Ion	Ratio	Lower	Upper
94	100		
65	26.7	7.9	47.9
66	35.0	16.2	56.2



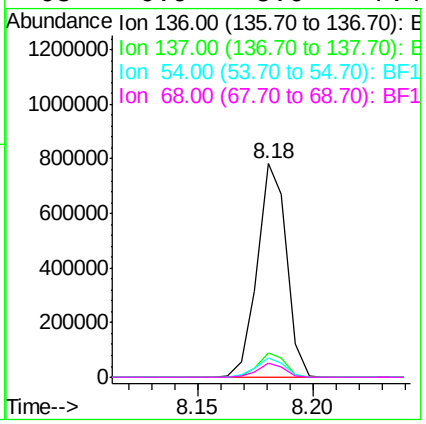


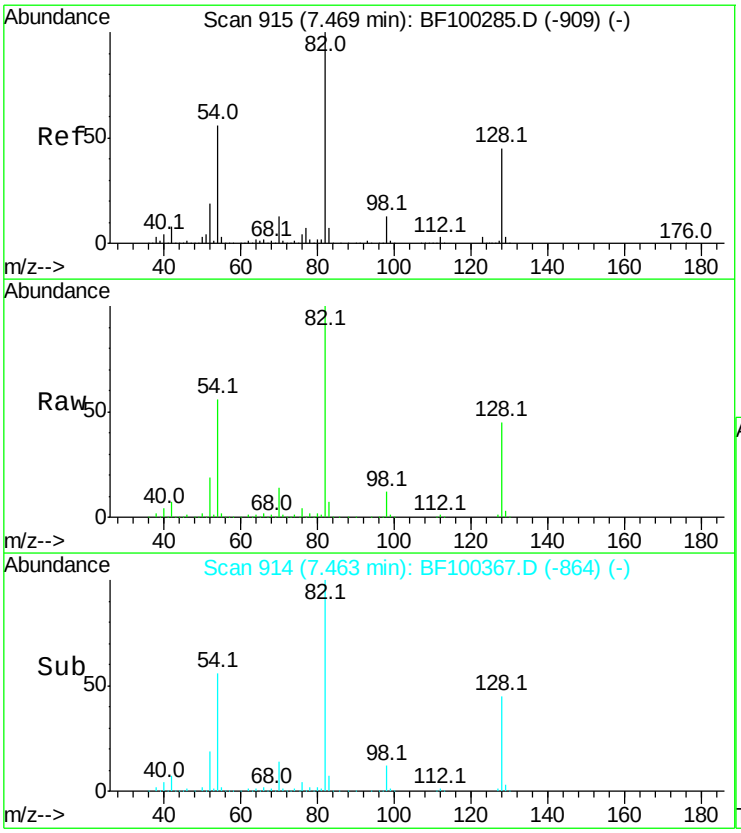
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100367.D
Acq: 10 Nov 2017 3:21

Instrument :
BNA_F
ClientSampleId :
EPE-120-5(30-32)

Tgt Ion:136 Resp: 692511

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.2	6.6	9.8
68	6.9	5.0	7.4

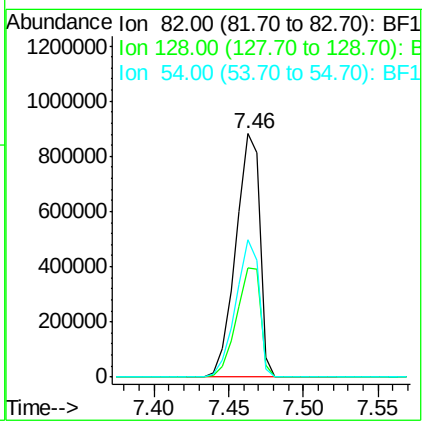


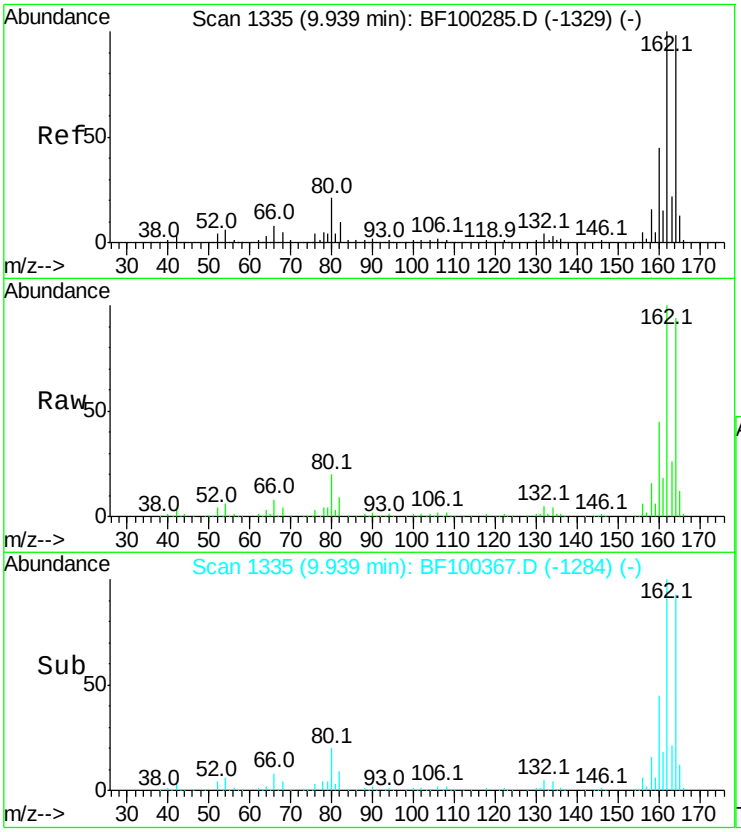


#23
Nitrobenzene-d5
Concen: 94.500 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100367.D
Acq: 10 Nov 2017 3:21

Tgt Ion: 82 Resp: 989853

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	56.3	41.4	62.2



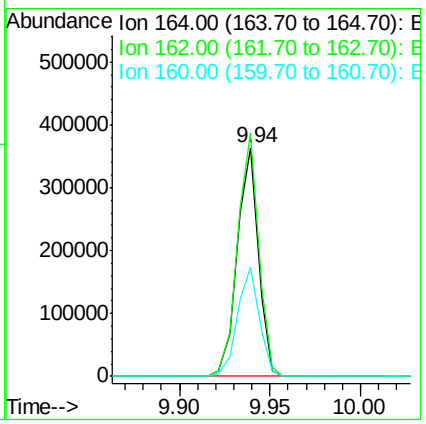


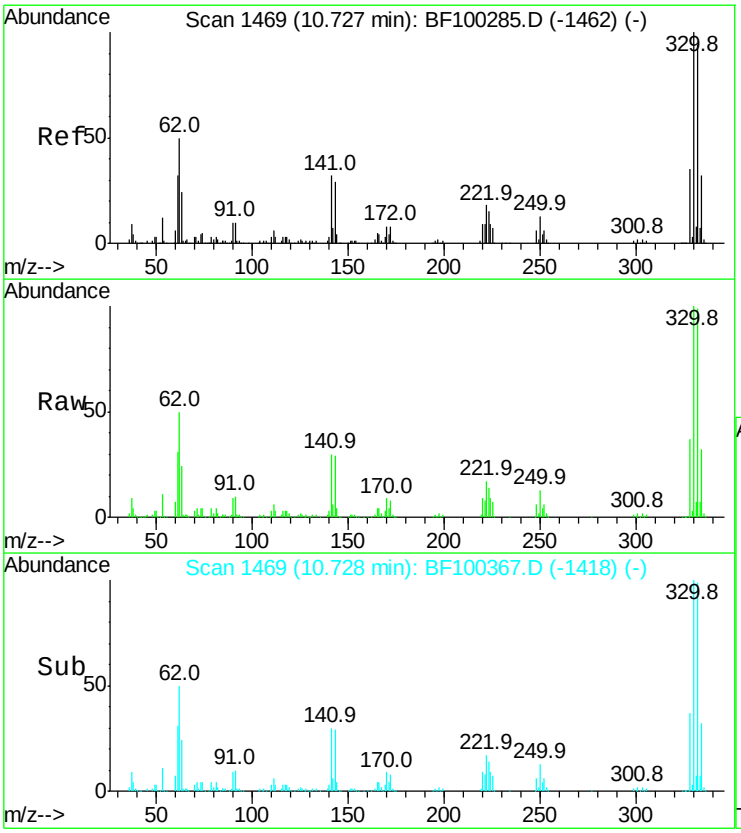
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF100367.D
Acq: 10 Nov 2017 3:21

Instrument :
BNA_F
ClientSampleId :
EPE-120-5(30-32)

Tgt Ion:164 Resp: 295595

Ion	Ratio	Lower	Upper
164	100		
162	106.5	86.1	129.1
160	47.8	38.3	57.5

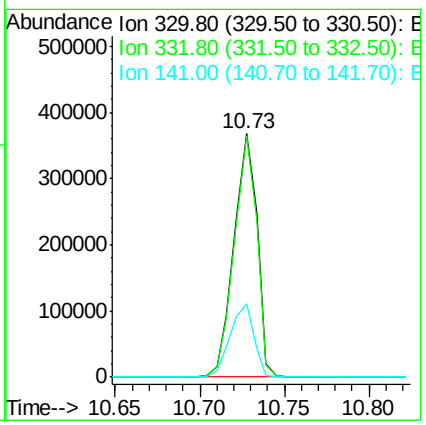


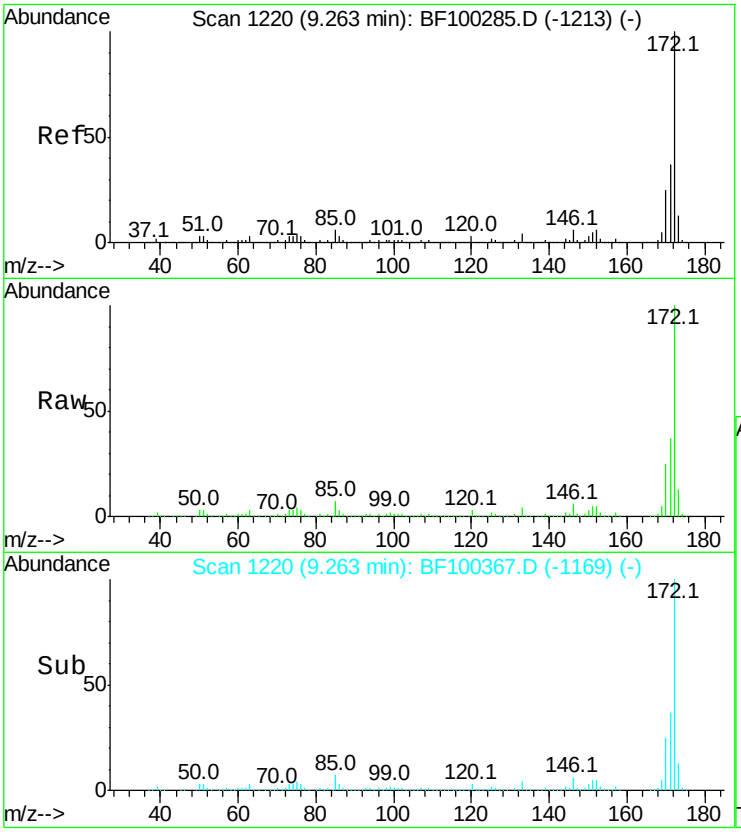


#41
2,4,6-Tribromophenol
Concen: 116.551 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BF100367.D
Acq: 10 Nov 2017 3:21

Tgt Ion:330 Resp: 351064

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	30.8	29.9	44.9



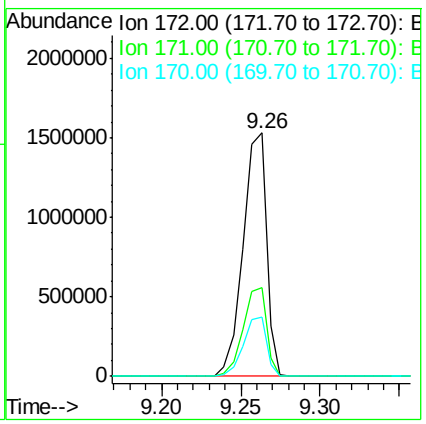


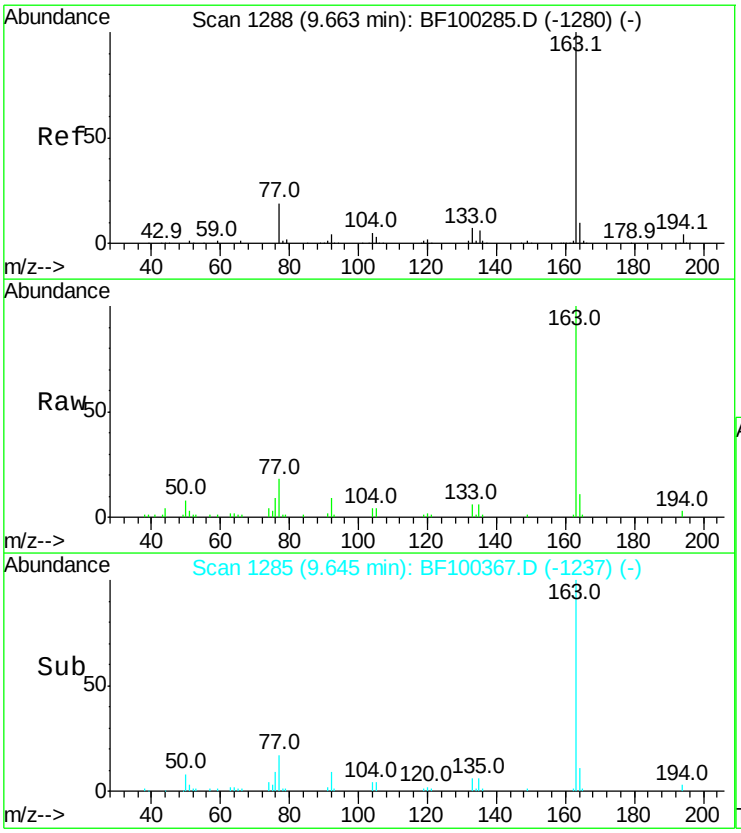
#44
2-Fluorobiphenyl
Concen: 81.004 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF100367.D
Acq: 10 Nov 2017 3:21

Instrument :
BNA_F
ClientSampleId :
EPE-120-5(30-32)

Tgt Ion:172 Resp: 1572477

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.6	19.6	29.4

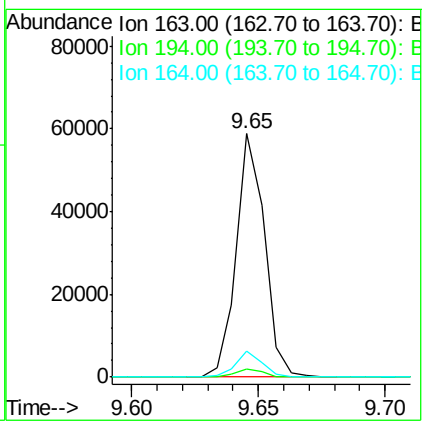


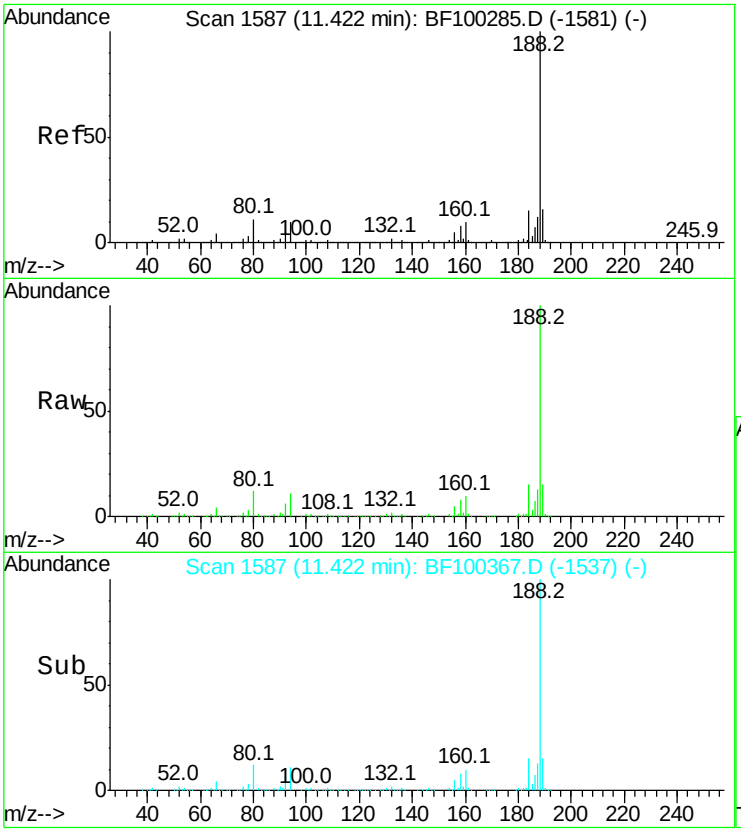


#49
Dimethylphthalate
Concen: 2.011 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100367.D
Acq: 10 Nov 2017 3:21

Tgt Ion:163 Resp: 45397

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.8	8.2	12.2



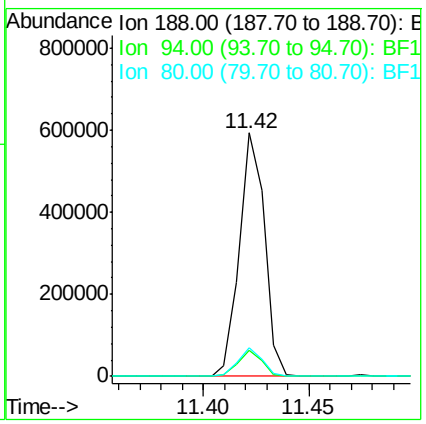


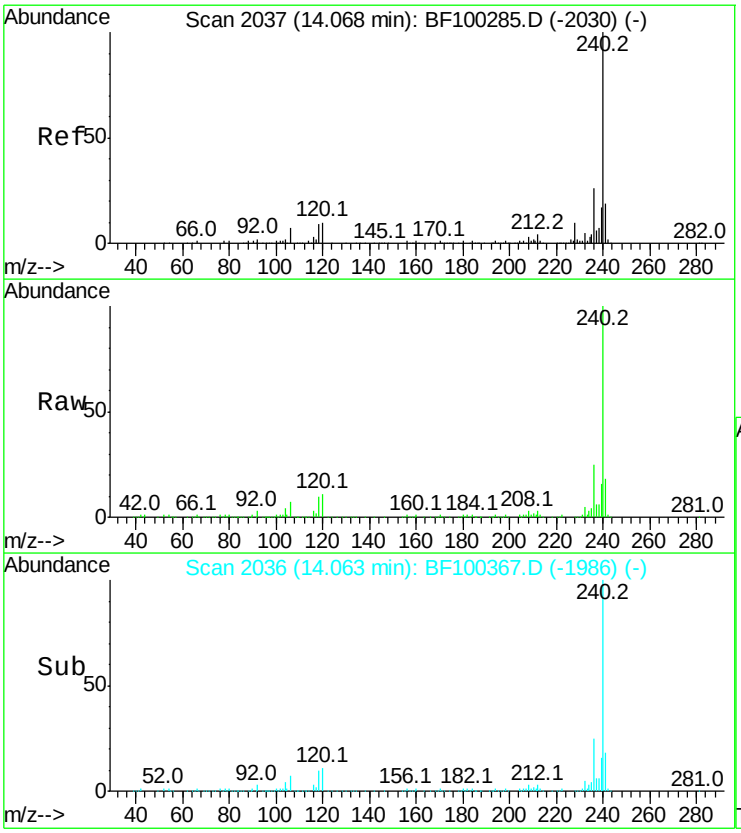
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100367.D
Acq: 10 Nov 2017 3:21

Instrument :
BNA_F
ClientSampleId :
EPE-120-5(30-32)

Tgt Ion:188 Resp: 489549

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.6	9.2	13.8

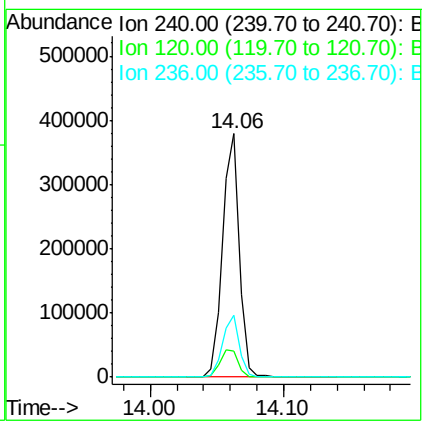


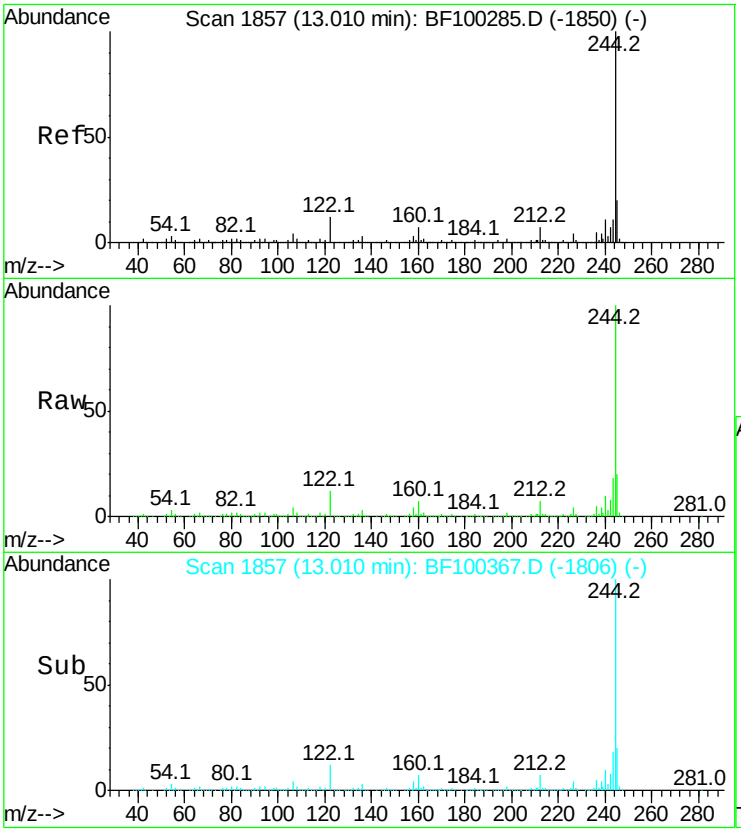


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100367.D
Acq: 10 Nov 2017 3:21

Tgt Ion:240 Resp: 336636

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	25.4	20.7	31.1



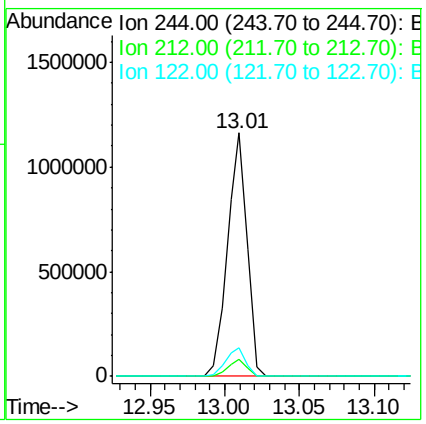


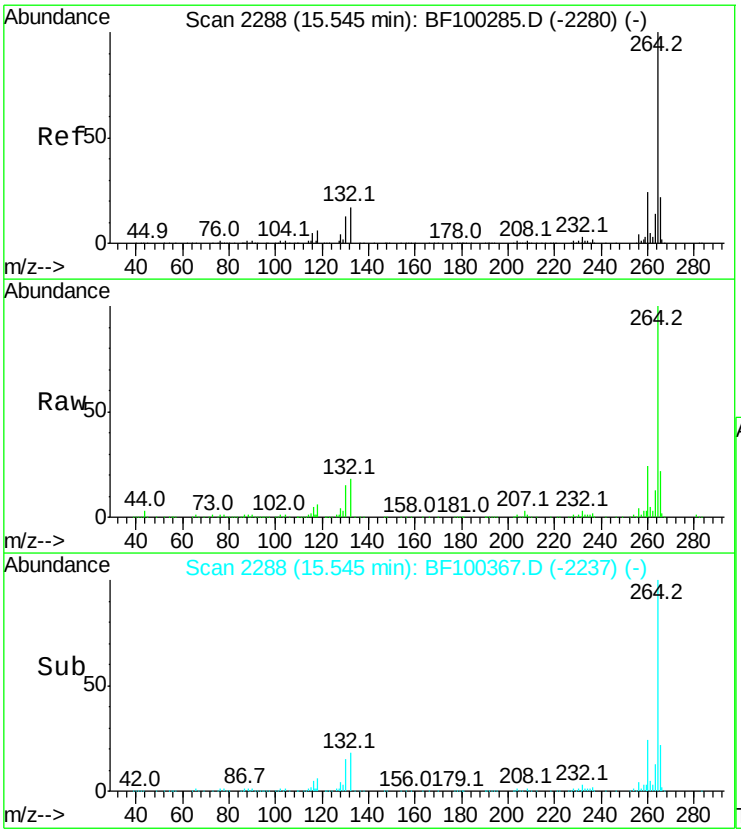
#78
Terphenyl-d14
Concen: 73.747 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BF100367.D
Acq: 10 Nov 2017 3:21

Instrument :
BNA_F
ClientSampleId :
EPE-120-5(30-32)

Tgt Ion:244 Resp: 1080469

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.6	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: BF100367.D
Acq: 10 Nov 2017 3:21

Tgt Ion:264 Resp: 339330

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	17.5	26.3