Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099908.D
Acq On : 28 Oct 2017 6:33
Operator : SJ/JU
Sample : I6029-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-108-2(70-72)

Quant Time: Oct 30 01:38:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	88929	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	362229	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	162124	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	263186	20.00	ng	0.00
75) Chrysene-d12	13.99	240	161717	20.00	ng	0.00
86) Perylene-d12	15.46	264	168095	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	566126	99.94	ng	0.00
7) Phenol-d6	6.44	99	667600	99.40	ng	0.00
23) Nitrobenzene-d5	7.36	82	381832	67.86	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	127520	86.31	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	767003	72.99	ng	0.00
78) Terphenyl-d14	12.92	244	528338	71.40	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.45	94	31701	4.299	ng	95
49) Dimethylphthalate	9.55	163	127447	9.927	ng	99

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

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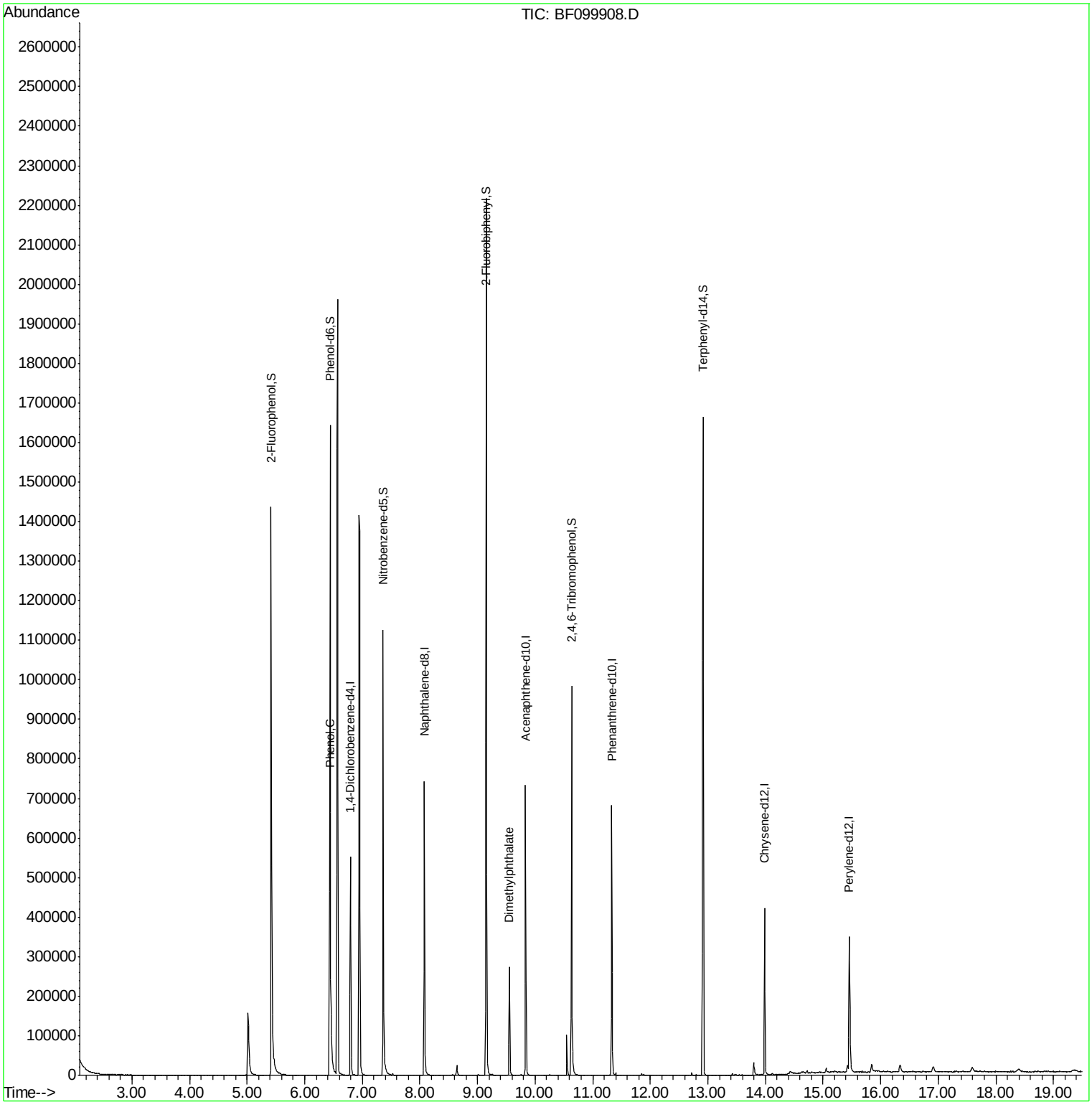
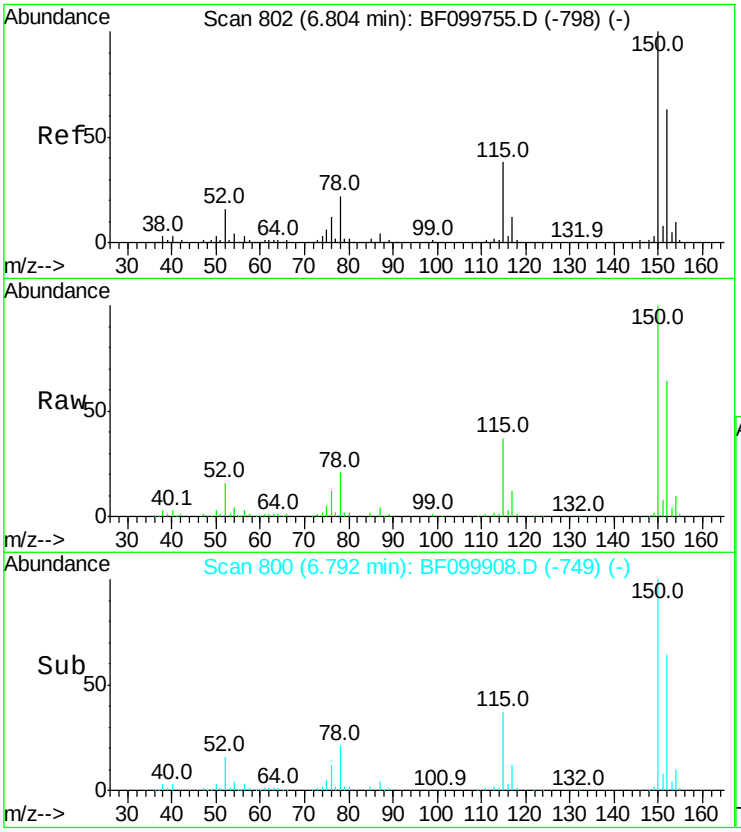


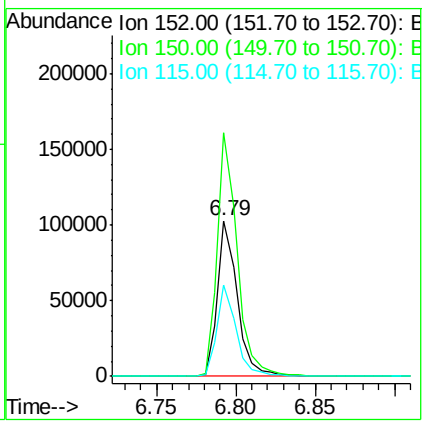


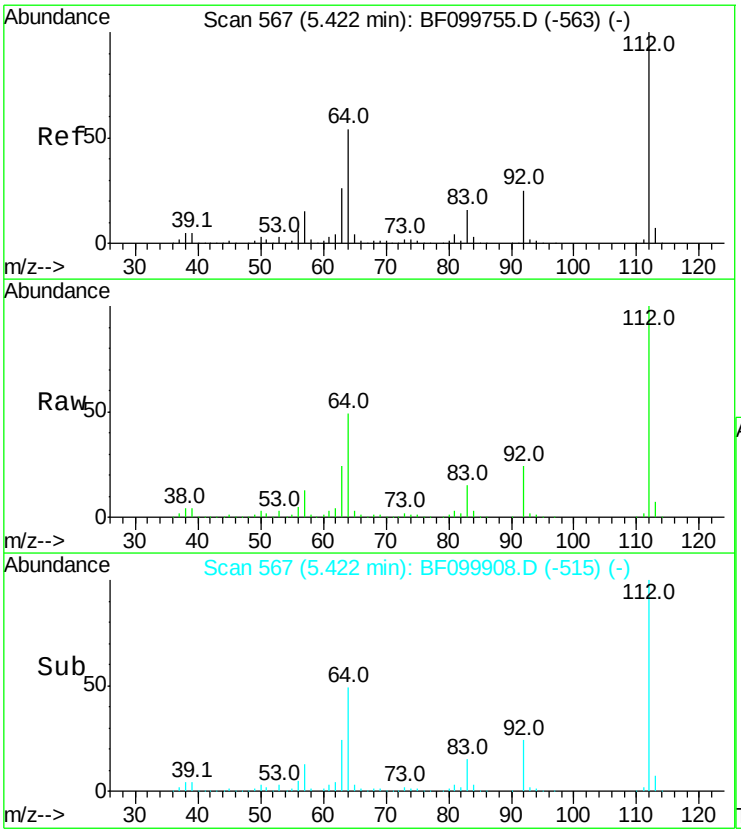
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099908.D
Acq: 28 Oct 2017 6:33

Instrument :
BNA_F
ClientSampleId :
EPE-108-2(70-72)

Tgt Ion:152 Resp: 88929

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	58.7	50.1	75.1

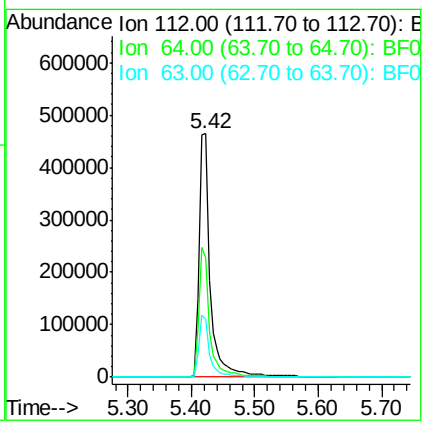


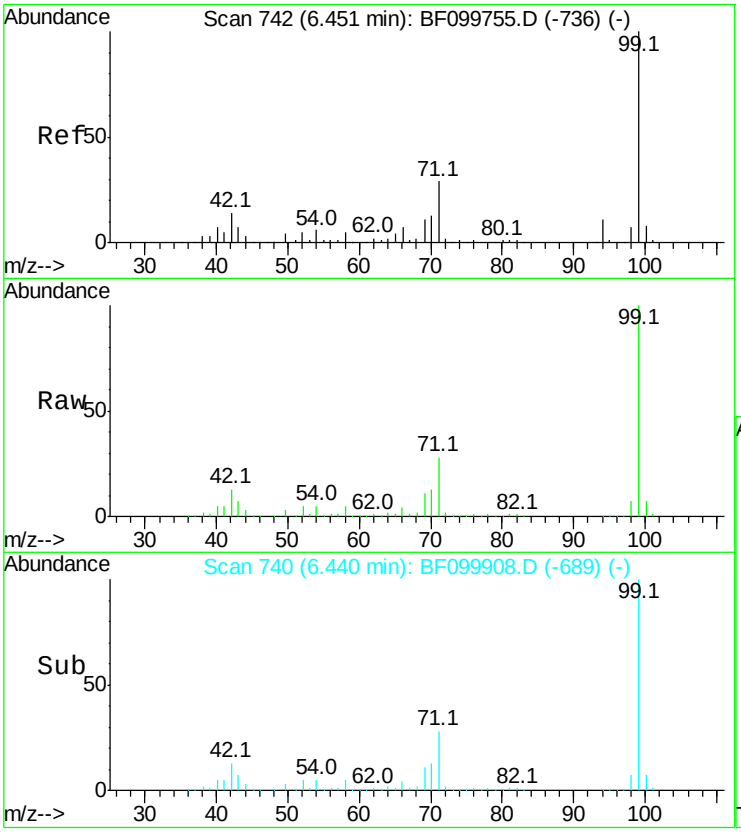


#5
2-Fluorophenol
Concen: 99.945 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF099908.D
Acq: 28 Oct 2017 6:33

Tgt Ion:112 Resp: 566126

Ion	Ratio	Lower	Upper
112	100		
64	49.1	47.9	71.9
63	23.6	23.7	35.5#



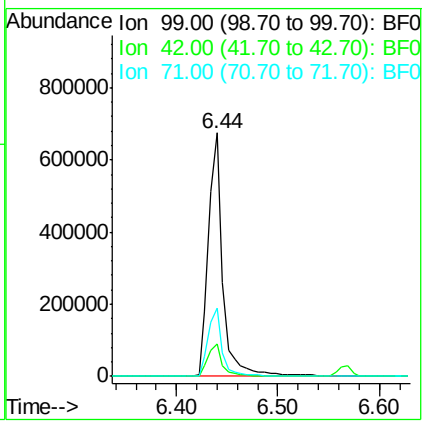


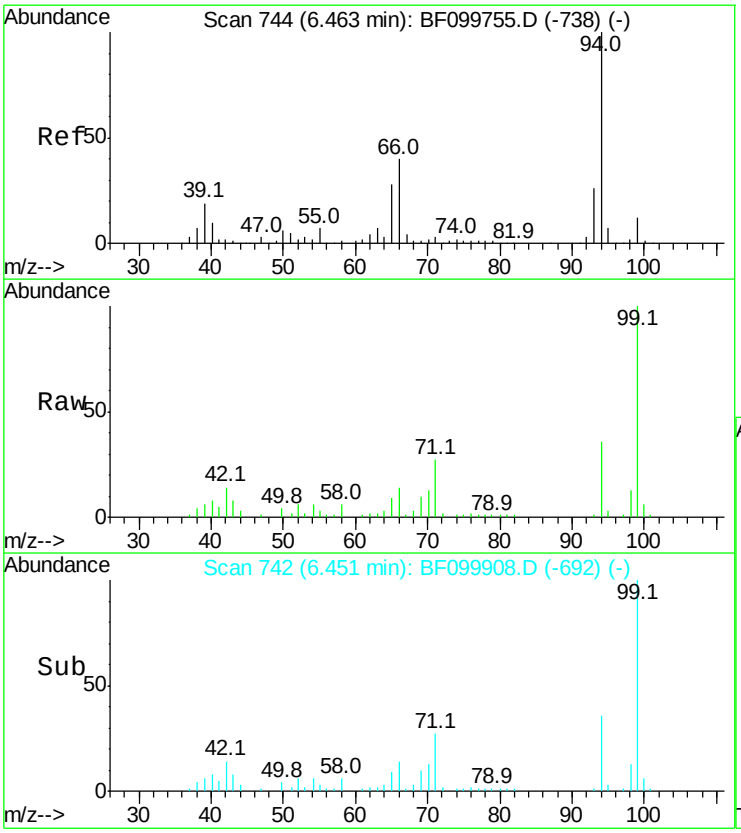
#7
Phenol-d6
Concen: 99.399 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF099908.D
Acq: 28 Oct 2017 6:33

Instrument :
BNA_F
ClientSampleId :
EPE-108-2(70-72)

Tgt Ion: 99 Resp: 667600

Ion	Ratio	Lower	Upper
99	100		
42	13.4	14.5	21.7#
71	27.9	25.4	38.0

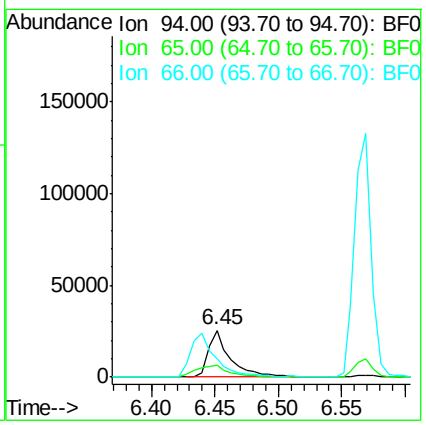


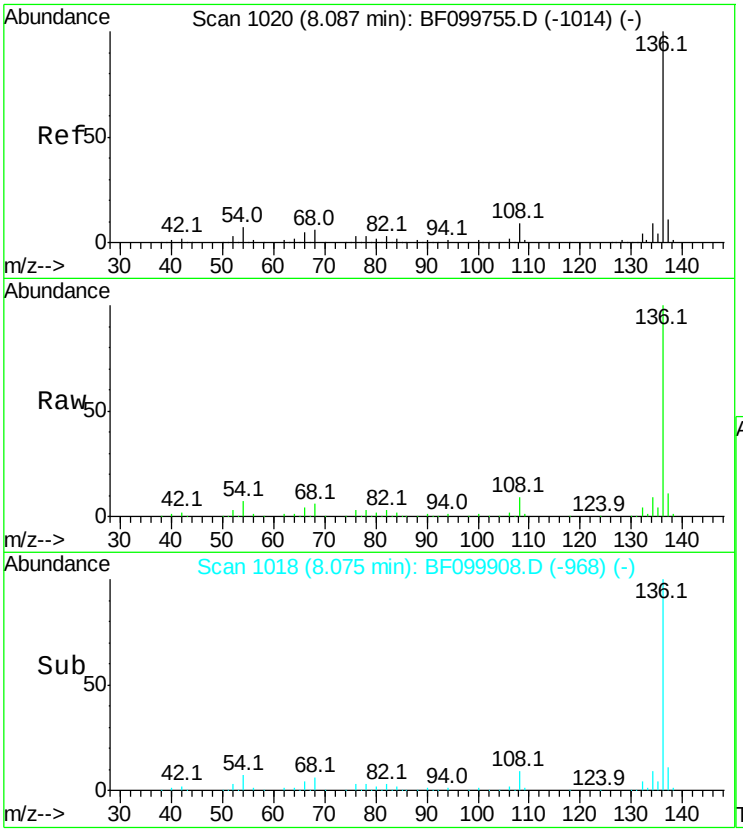


#10
Phenol
Concen: 4.299 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF099908.D
Acq: 28 Oct 2017 6:33

Tgt Ion: 94 Resp: 31701

Ion	Ratio	Lower	Upper
94	100		
65	25.0	7.9	47.9
66	39.3	16.2	56.2



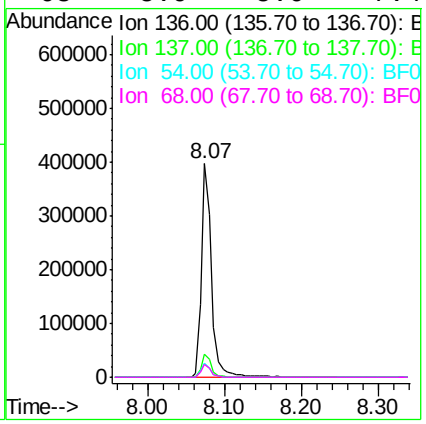


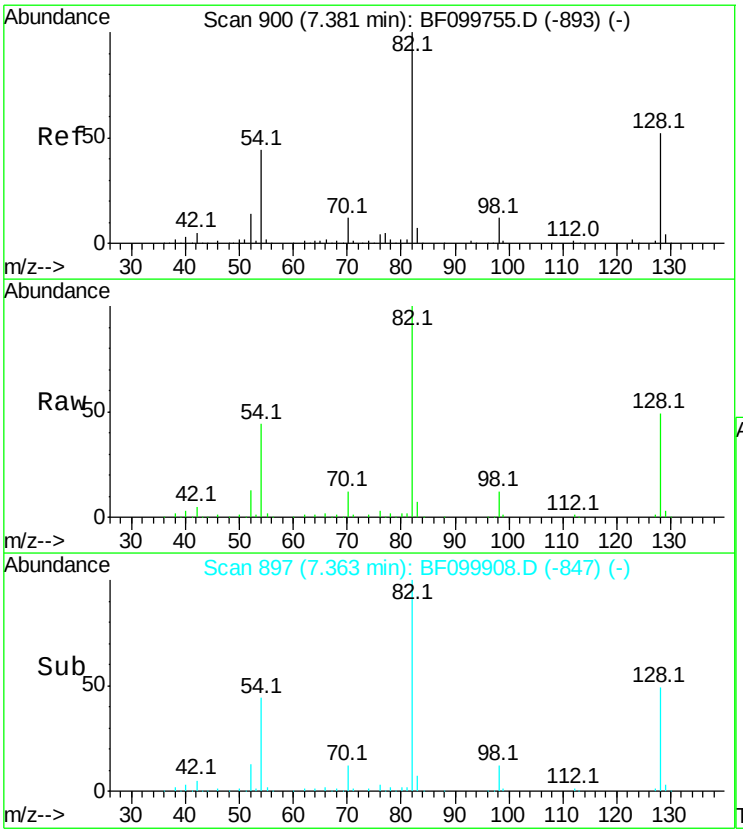
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099908.D
Acq: 28 Oct 2017 6:33

Instrument :
BNA_F
ClientSampleId :
EPE-108-2(70-72)

Tgt Ion:136 Resp: 362229

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.8	6.6	9.8
68	5.9	5.0	7.4

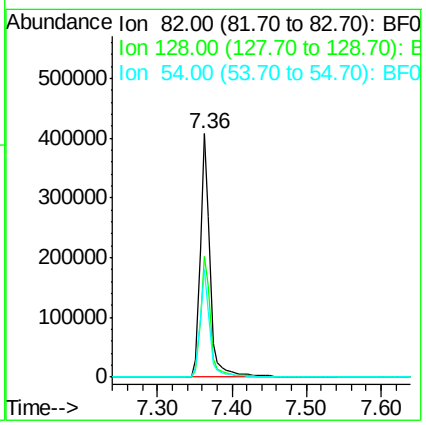


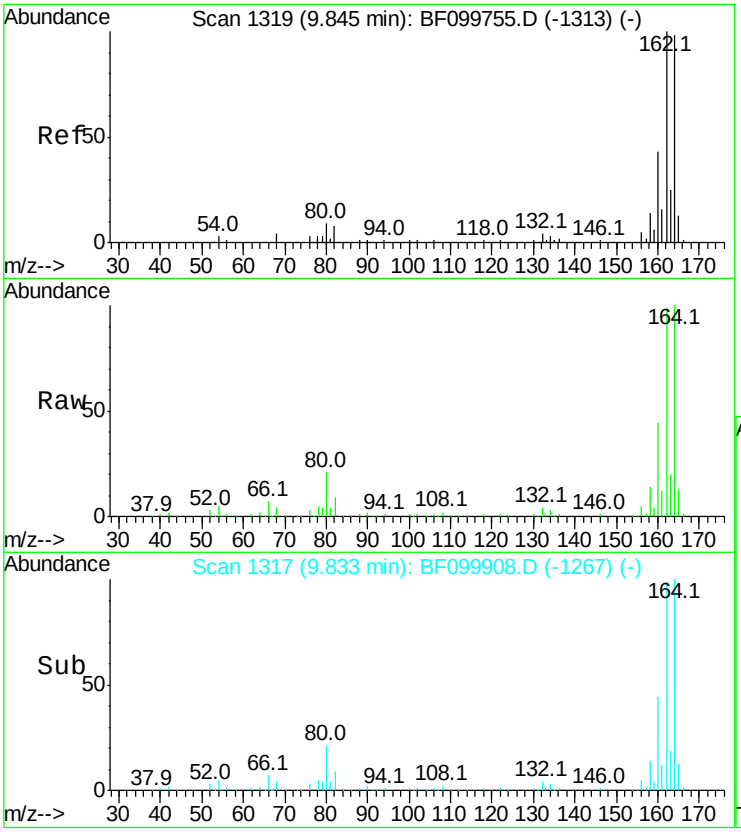


#23
Nitrobenzene-d5
Concen: 67.865 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099908.D
Acq: 28 Oct 2017 6:33

Tgt Ion: 82 Resp: 381832

Ion	Ratio	Lower	Upper
82	100		
128	49.5	36.1	54.1
54	44.1	41.4	62.2



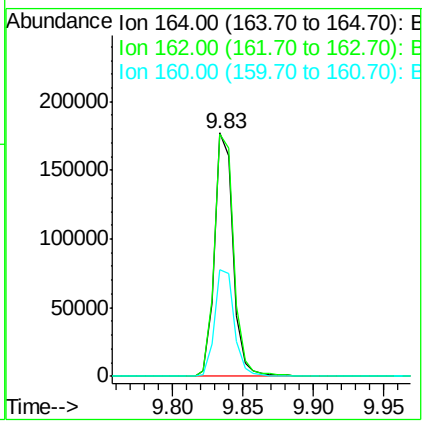


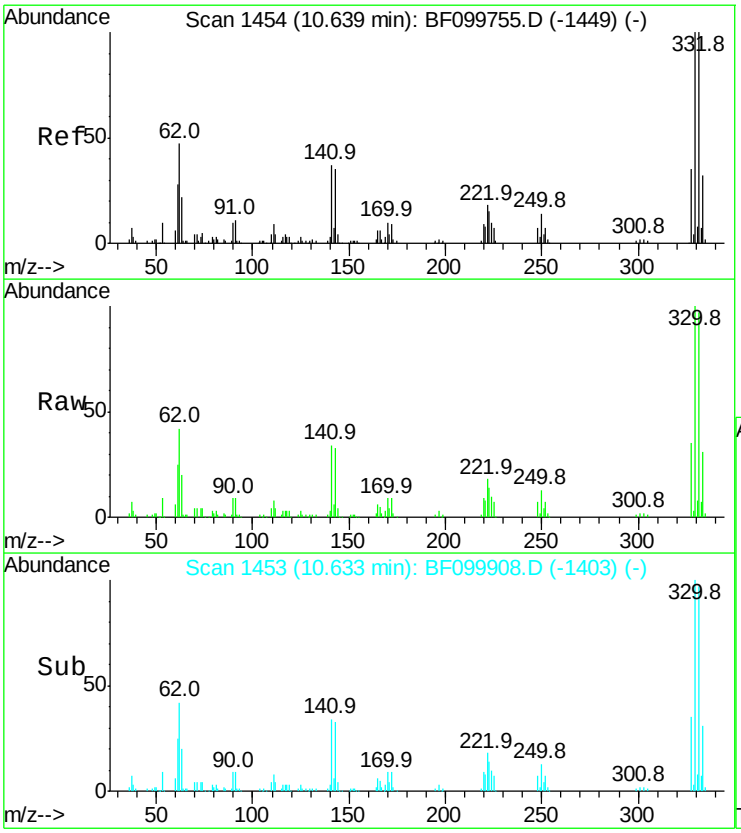
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF099908.D
Acq: 28 Oct 2017 6:33

Instrument :
BNA_F
ClientSampleId :
EPE-108-2(70-72)

Tgt Ion:164 Resp: 162124

Ion	Ratio	Lower	Upper
164	100		
162	99.4	86.1	129.1
160	43.9	38.3	57.5

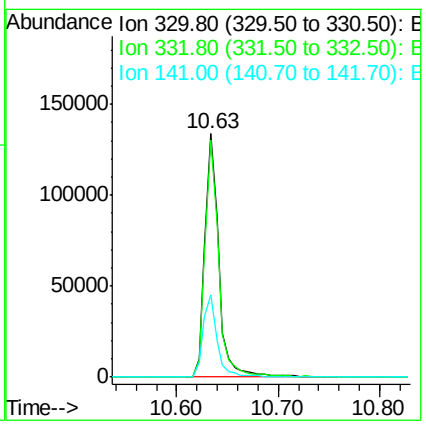


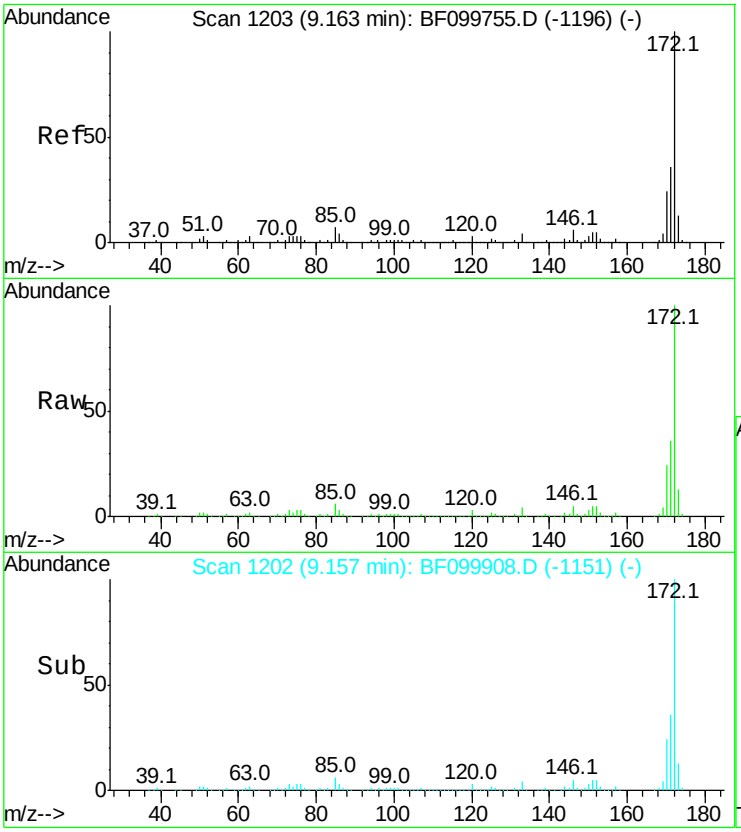


#41
2,4,6-Tribromophenol
Concen: 86.310 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF099908.D
Acq: 28 Oct 2017 6:33

Tgt Ion:330 Resp: 127520

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	34.0	29.9	44.9



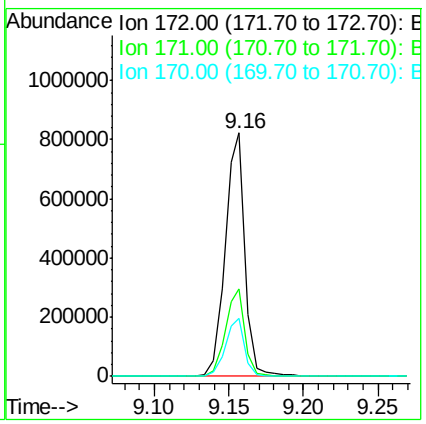


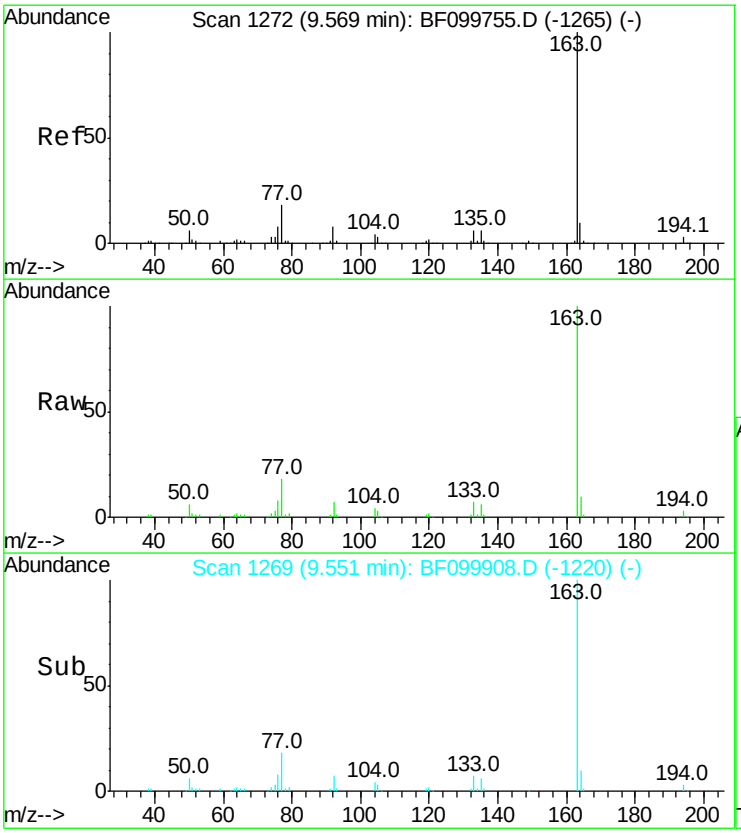
#44
2-Fluorobiphenyl
Concen: 72.991 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF099908.D
Acq: 28 Oct 2017 6:33

Instrument :
BNA_F
ClientSampleId :
EPE-108-2(70-72)

Tgt Ion:172 Resp: 767003

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.0	19.6	29.4

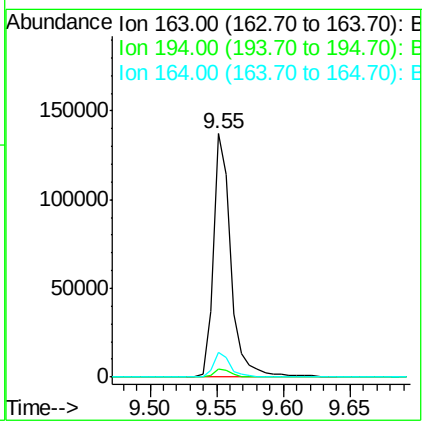


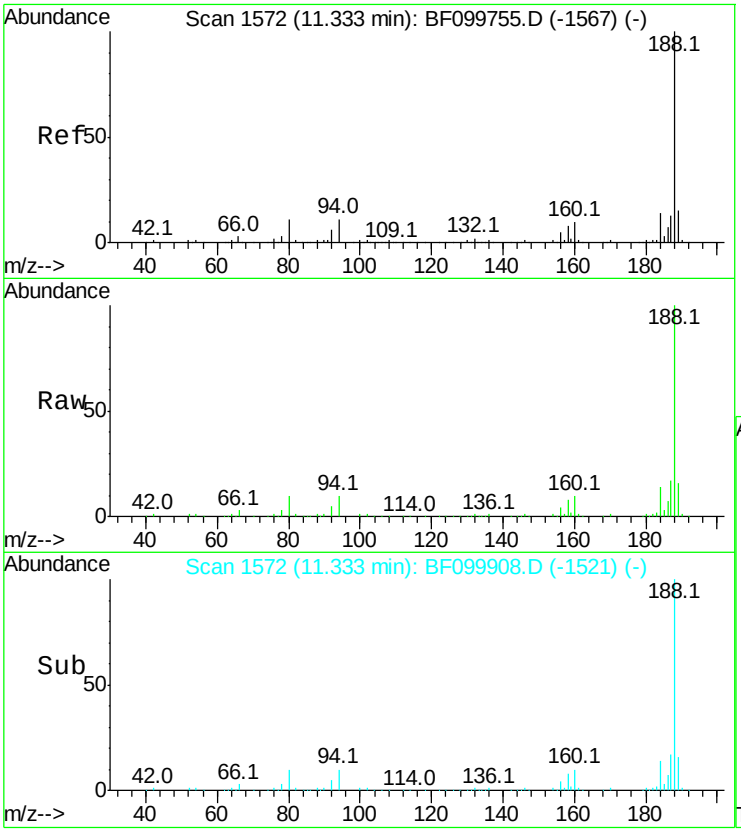


#49
Dimethylphthalate
Concen: 9.927 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF099908.D
Acq: 28 Oct 2017 6:33

Tgt Ion:163 Resp: 127447

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.0	8.2	12.2



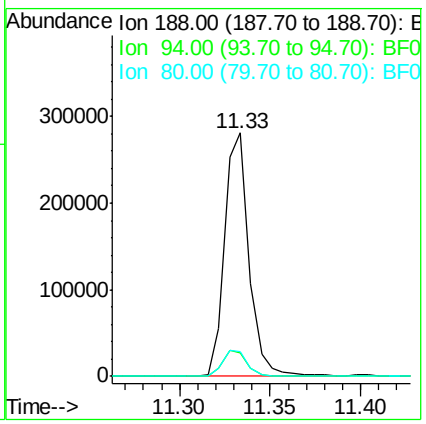


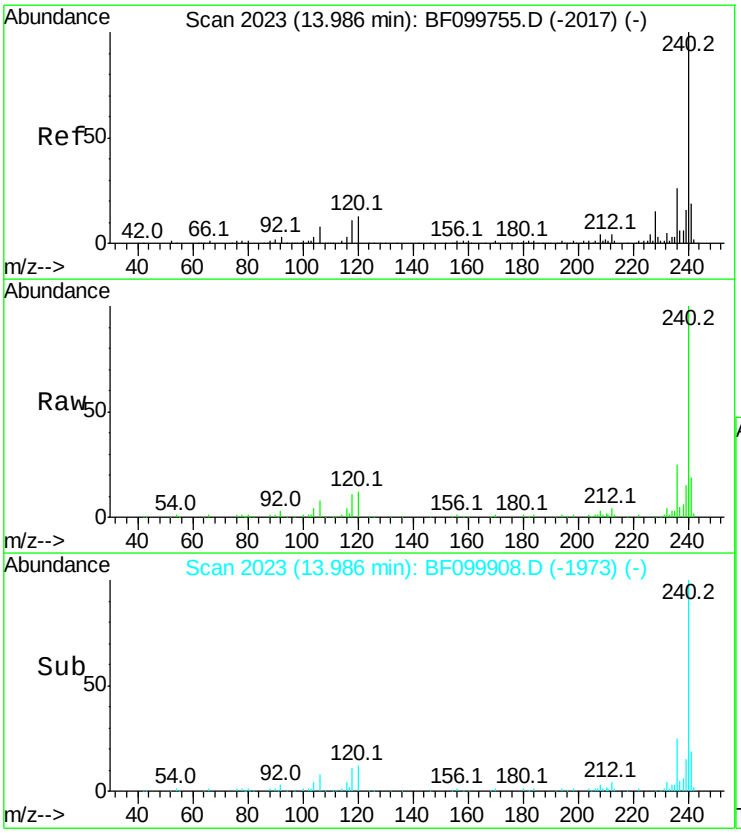
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF099908.D
Acq: 28 Oct 2017 6:33

Instrument :
BNA_F
ClientSampleId :
EPE-108-2(70-72)

Tgt Ion:188 Resp: 263186

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.0	9.2	13.8

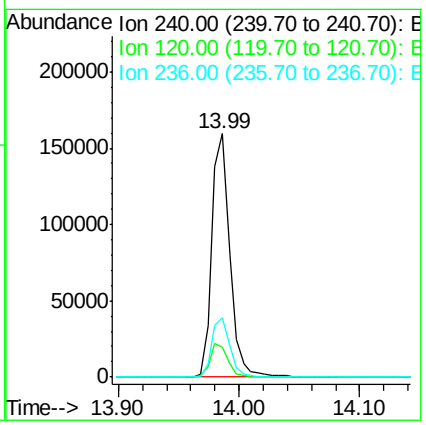


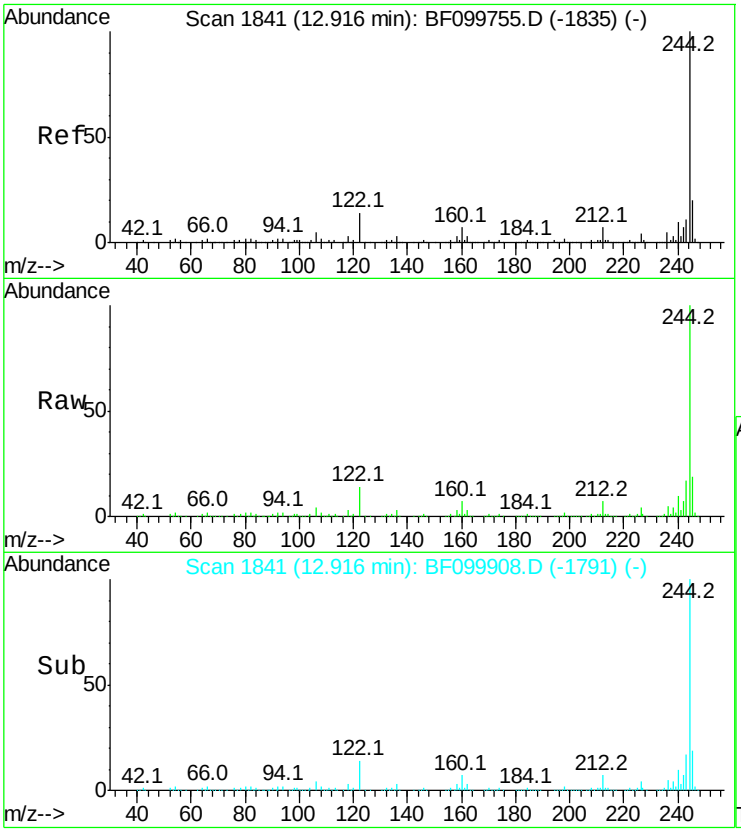


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF099908.D
Acq: 28 Oct 2017 6:33

Tgt Ion:240 Resp: 161717

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	24.6	20.7	31.1



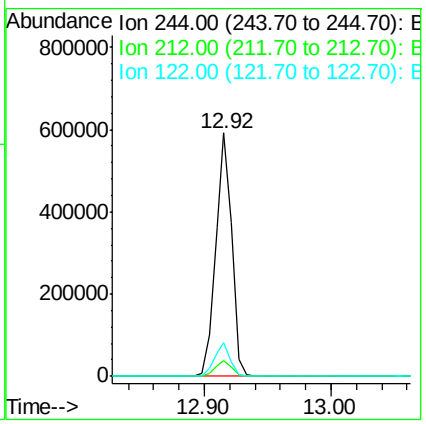


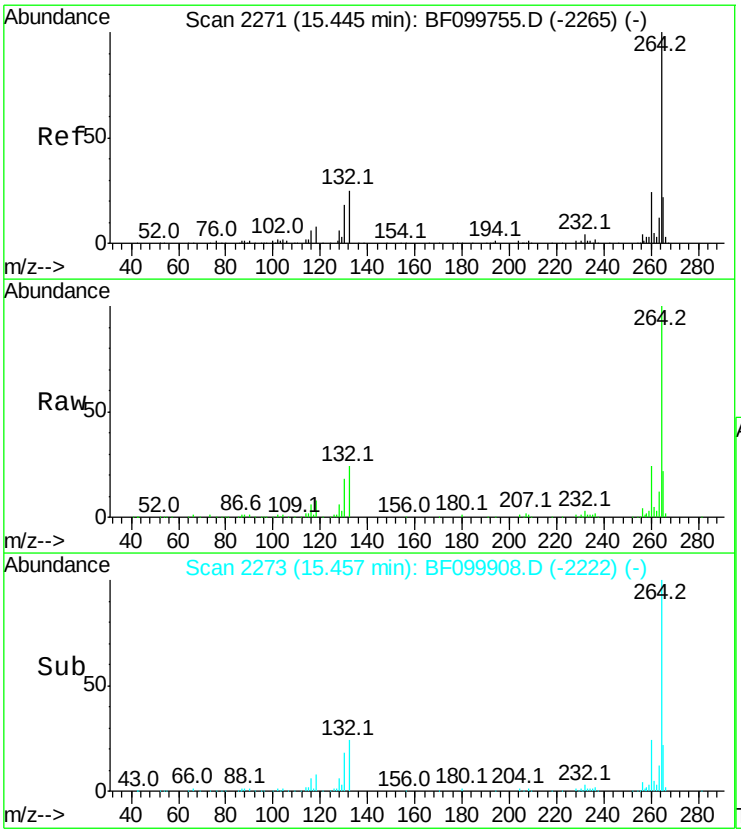
#78
Terphenyl-d14
Concen: 71.397 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF099908.D
Acq: 28 Oct 2017 6:33

Instrument :
BNA_F
ClientSampleId :
EPE-108-2(70-72)

Tgt Ion:244 Resp: 528338

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	13.7	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF099908.D
Acq: 28 Oct 2017 6:33

Tgt Ion:264 Resp: 168095

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.9	17.5	26.3