Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101742.D
Acq On : 27 Dec 2017 4:13
Operator : SJ/JU
Sample : I7043-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-106-3DS(90-92)

Quant Time: Dec 27 07:16:21 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	128250	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	462026	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	166765	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	288335	20.00	ng	0.00
75) Chrysene-d12	13.97	240	297485	20.00	ng	0.00
86) Perylene-d12	15.44	264	250571	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1000674	116.22	ng	0.01
7) Phenol-d6	6.44	99	1161018	108.35	ng	0.00
23) Nitrobenzene-d5	7.36	82	710262	85.57	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	192440	119.76	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1024281	95.28	ng	0.00
78) Terphenyl-d14	12.90	244	856428	69.40	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.45	94	39158	3.206	ng	# 71
49) Dimethylphthalate	9.55	163	97076	7.237	ng	99

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

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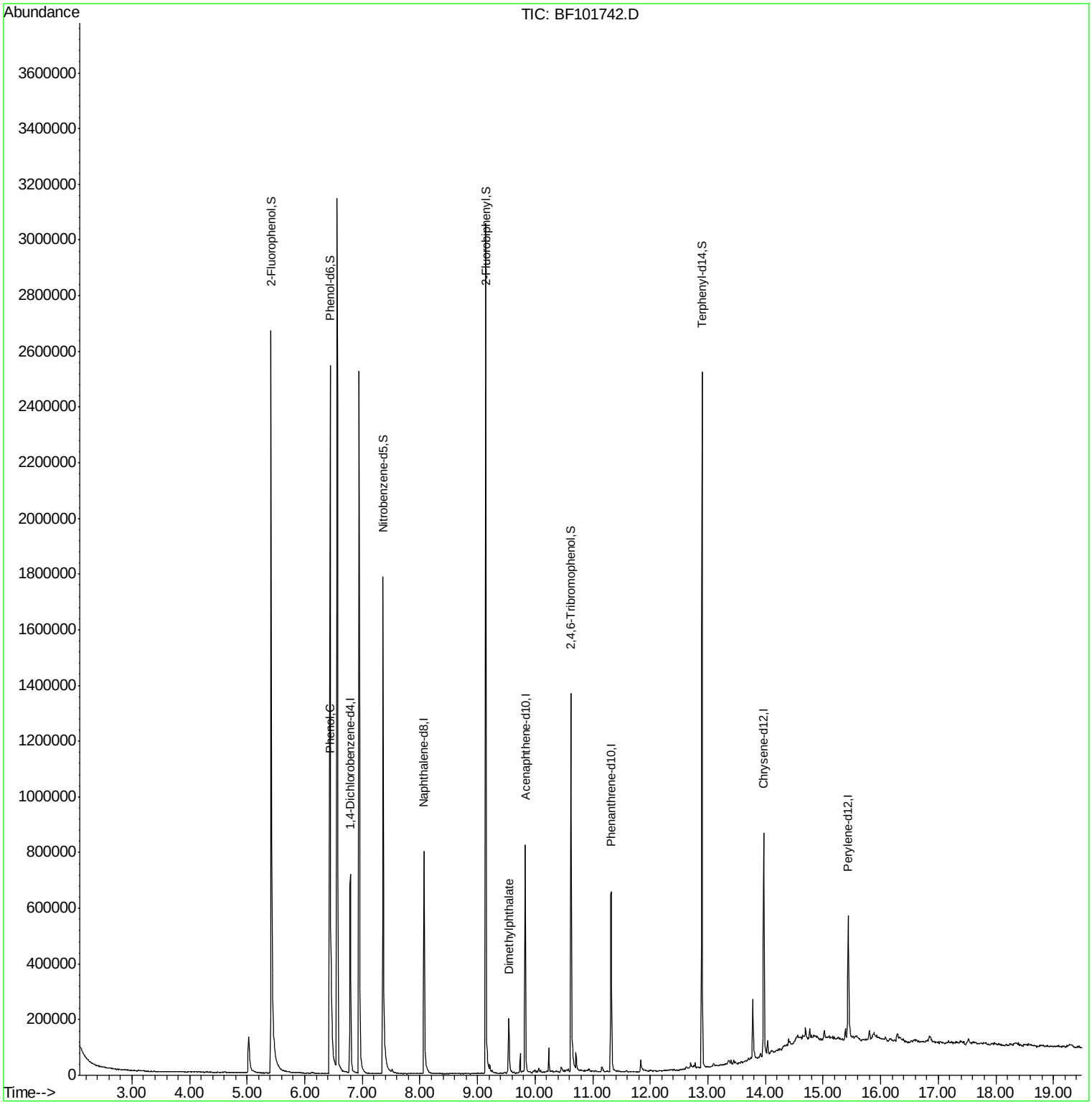
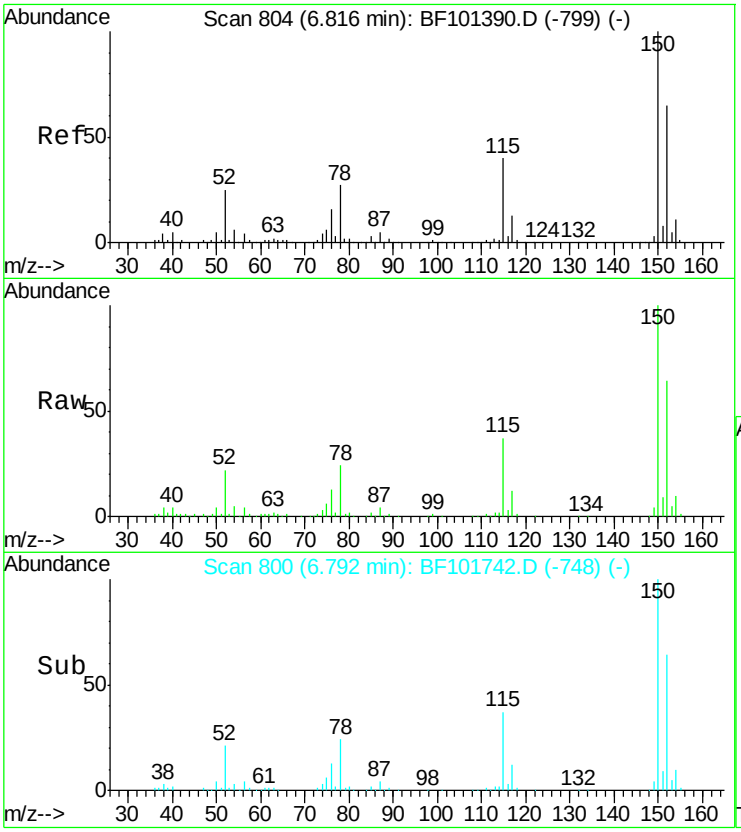


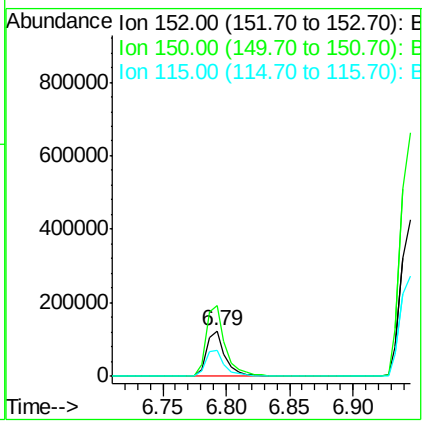


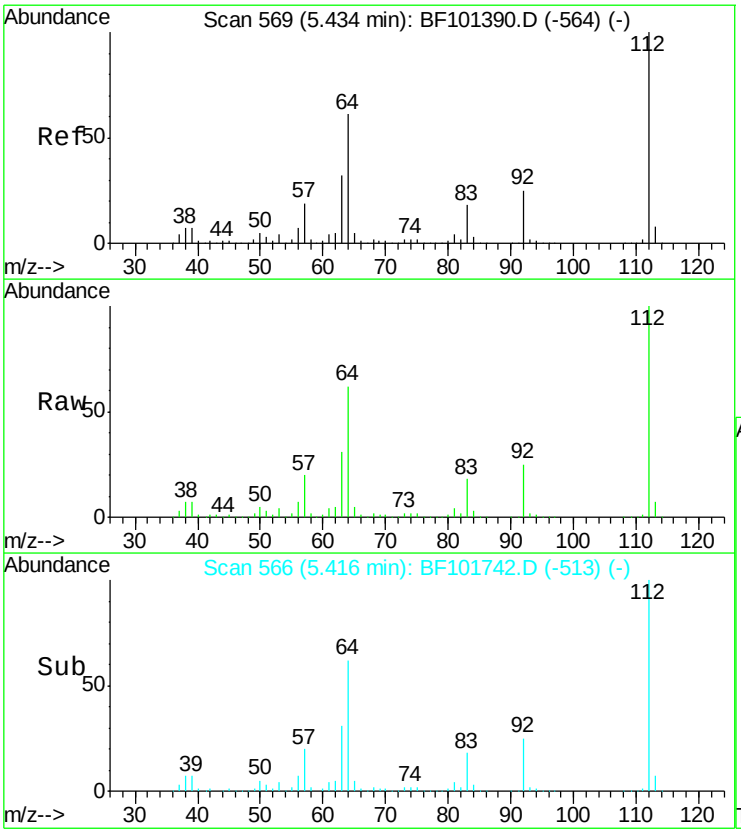
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101742.D
Acq: 27 Dec 2017 4:13

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)

Tgt Ion:152 Resp: 128250

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	57.2	50.1	75.1

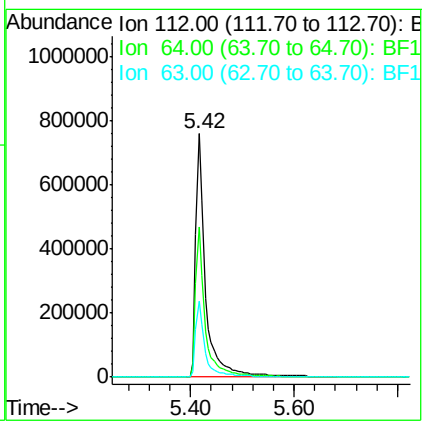


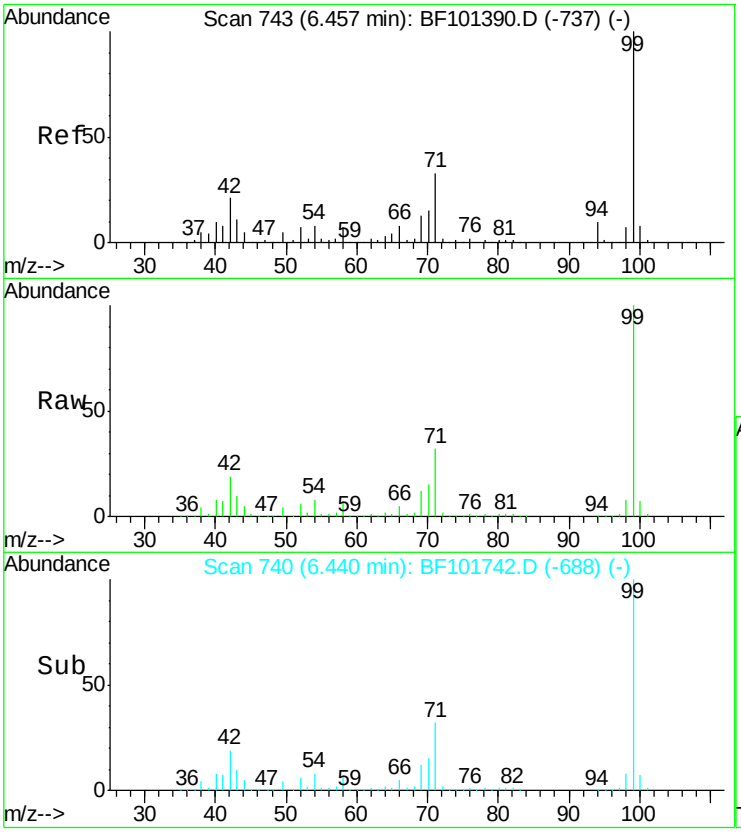


#5
2-Fluorophenol
Concen: 116.225 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101742.D
Acq: 27 Dec 2017 4:13

Tgt Ion:112 Resp: 1000674

Ion	Ratio	Lower	Upper
112	100		
64	61.6	47.9	71.9
63	31.3	23.7	35.5



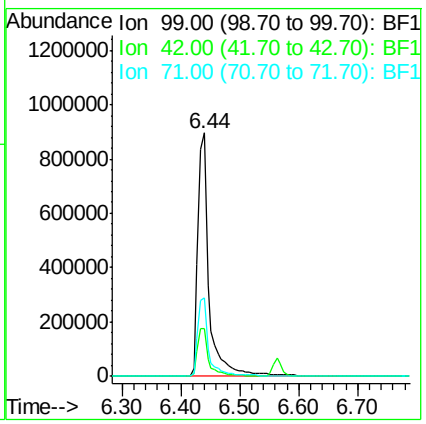


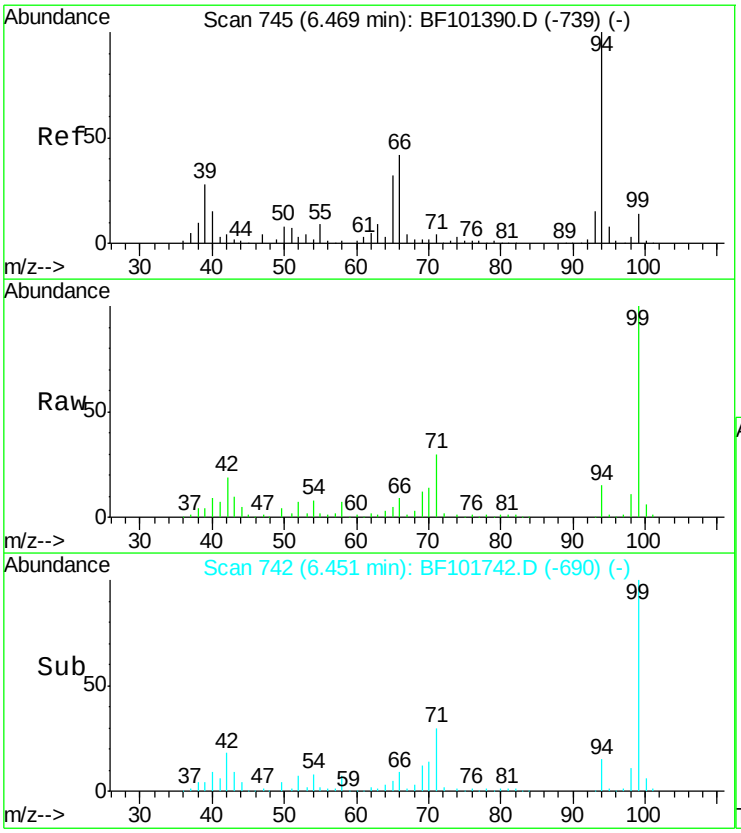
#7
Phenol-d6
Concen: 108.352 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF101742.D
Acq: 27 Dec 2017 4:13

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)

Tgt Ion: 99 Resp: 1161018

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	32.3	25.4	38.0

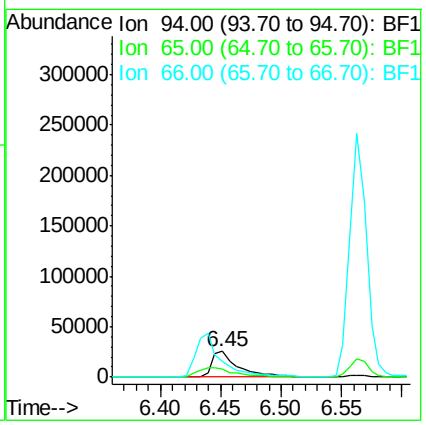


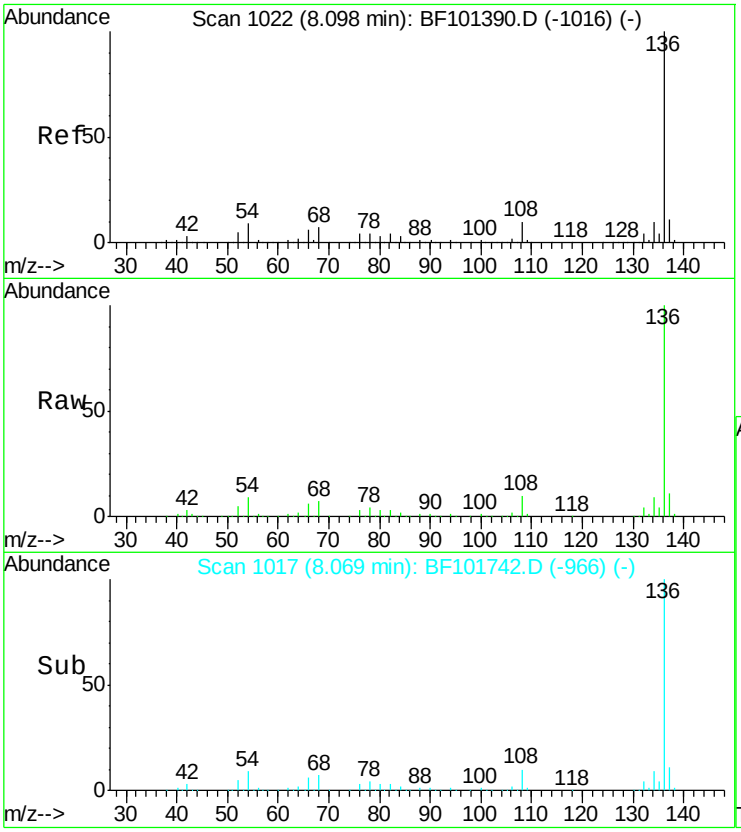


#10
Phenol
Concen: 3.206 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF101742.D
Acq: 27 Dec 2017 4:13

Tgt Ion: 94 Resp: 39158

Ion	Ratio	Lower	Upper
94	100		
65	33.3	7.9	47.9
66	61.7	16.2	56.2#



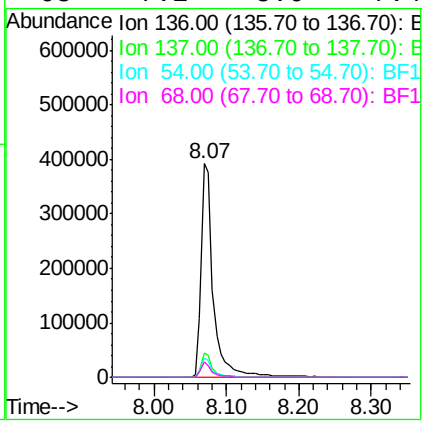


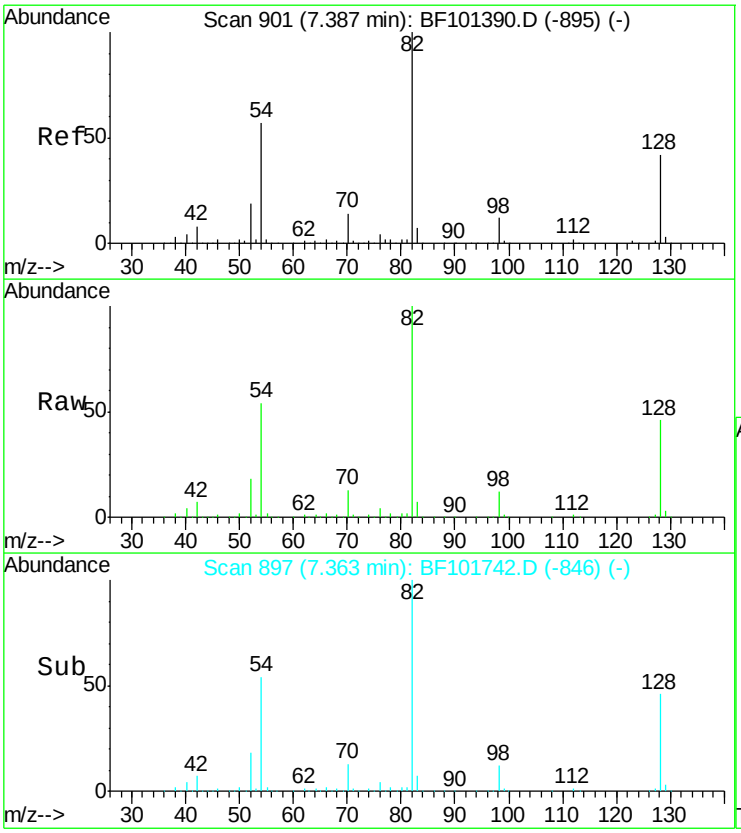
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101742.D
Acq: 27 Dec 2017 4:13

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)

Tgt Ion:136 Resp: 462026

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.2	6.6	9.8
68	7.2	5.0	7.4

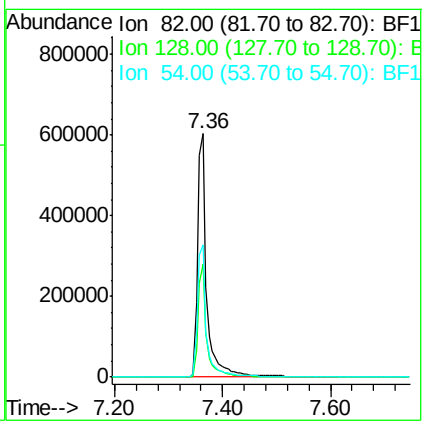


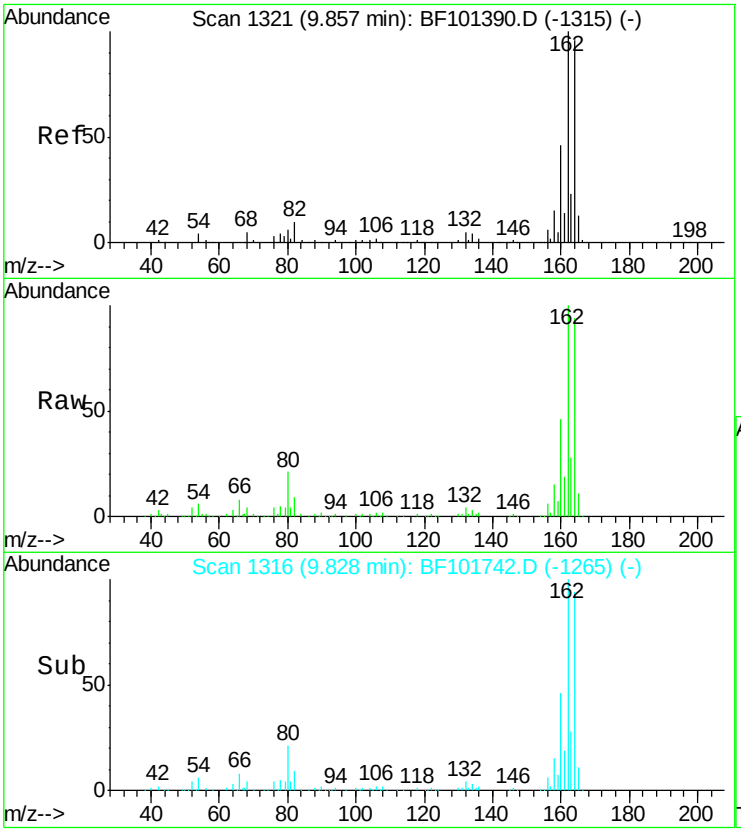


#23
Nitrobenzene-d5
Concen: 85.574 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101742.D
Acq: 27 Dec 2017 4:13

Tgt Ion: 82 Resp: 710262

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	54.3	41.4	62.2



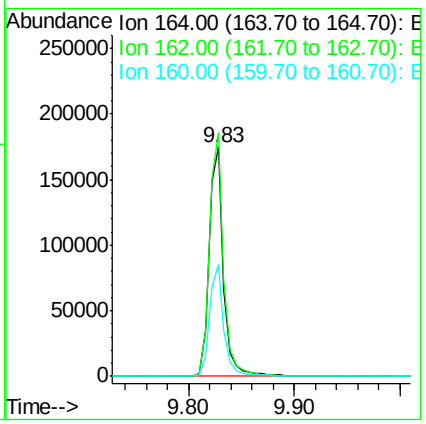


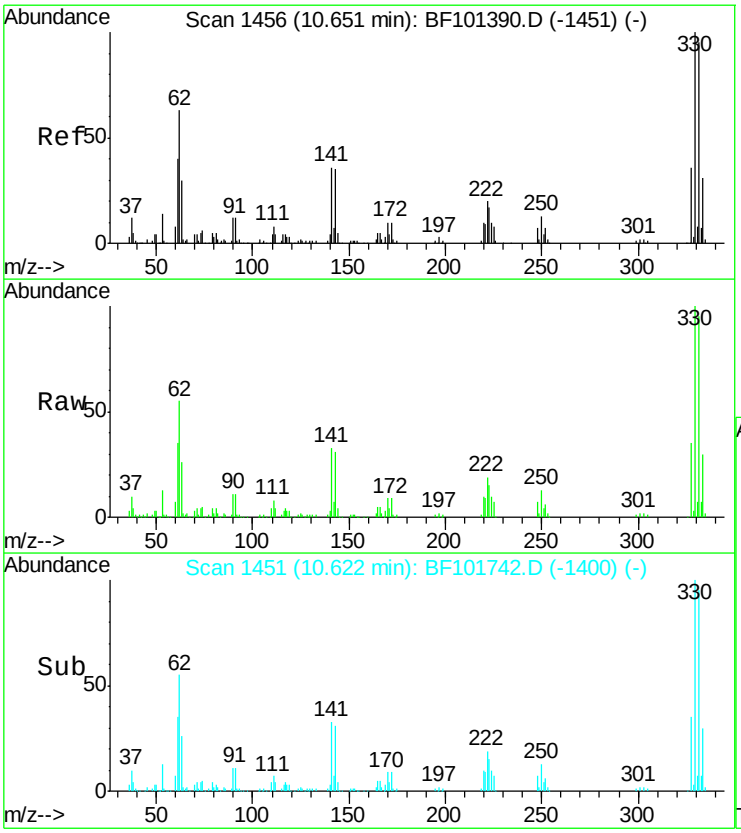
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF101742.D
Acq: 27 Dec 2017 4:13

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)

Tgt Ion:164 Resp: 166765

Ion	Ratio	Lower	Upper
164	100		
162	106.2	86.1	129.1
160	48.6	38.3	57.5

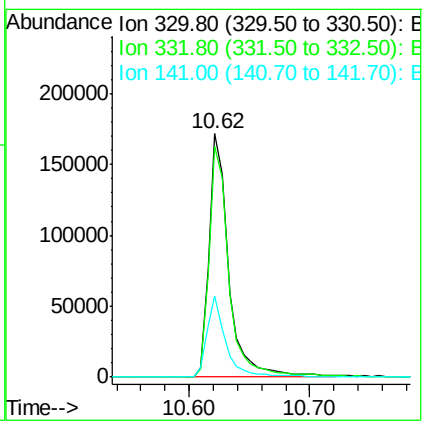


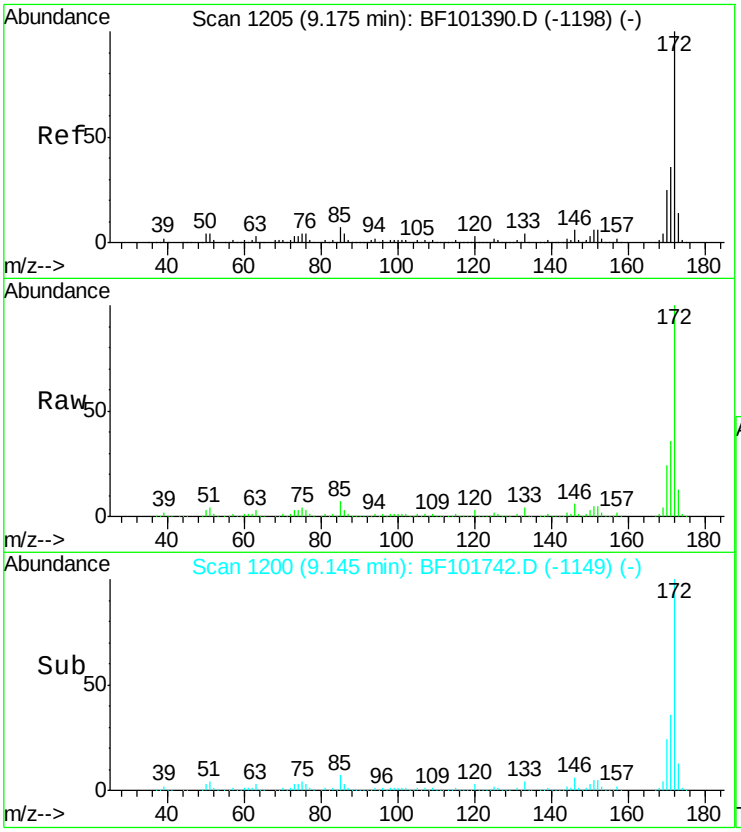


#41
2,4,6-Tribromophenol
Concen: 119.758 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF101742.D
Acq: 27 Dec 2017 4:13

Tgt Ion:330 Resp: 192440

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	32.1	29.9	44.9



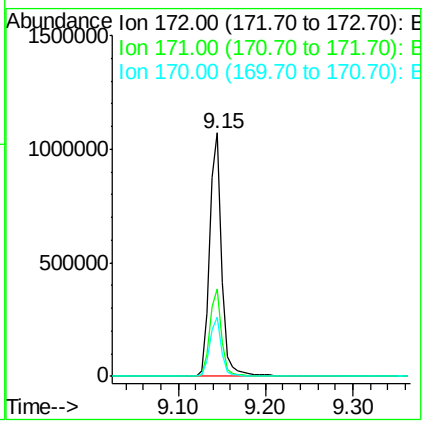


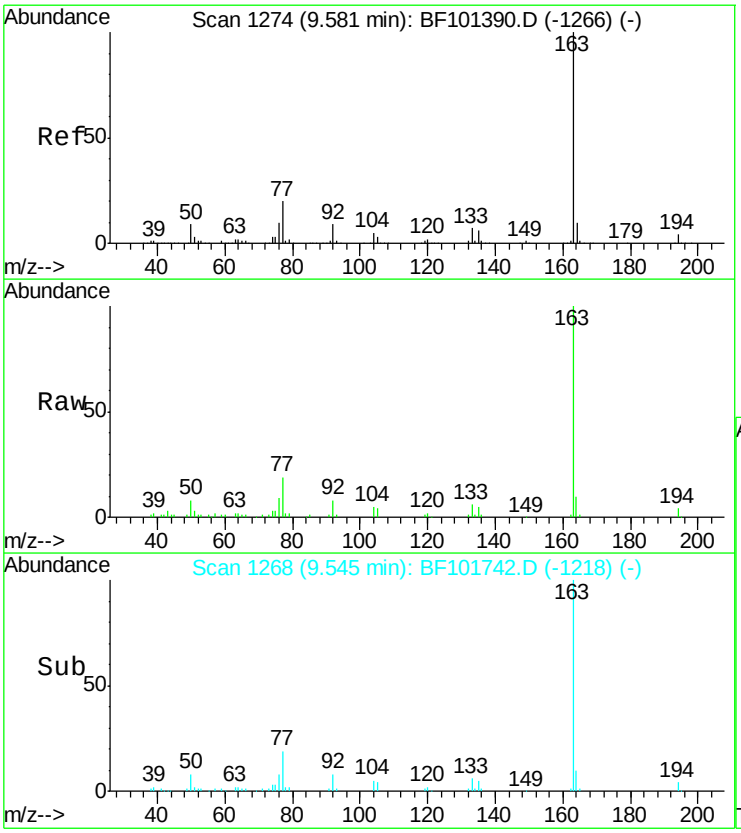
#44
2-Fluorobiphenyl
Concen: 95.278 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF101742.D
Acq: 27 Dec 2017 4:13

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)

Tgt Ion:172 Resp: 1024281

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.4	19.6	29.4

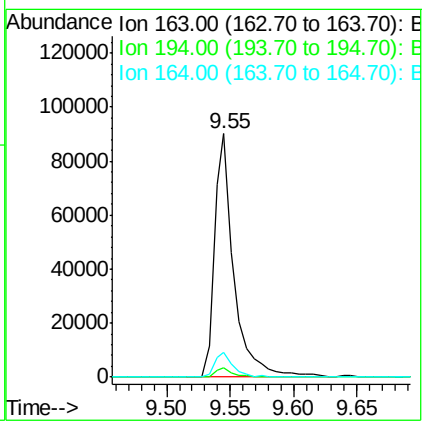


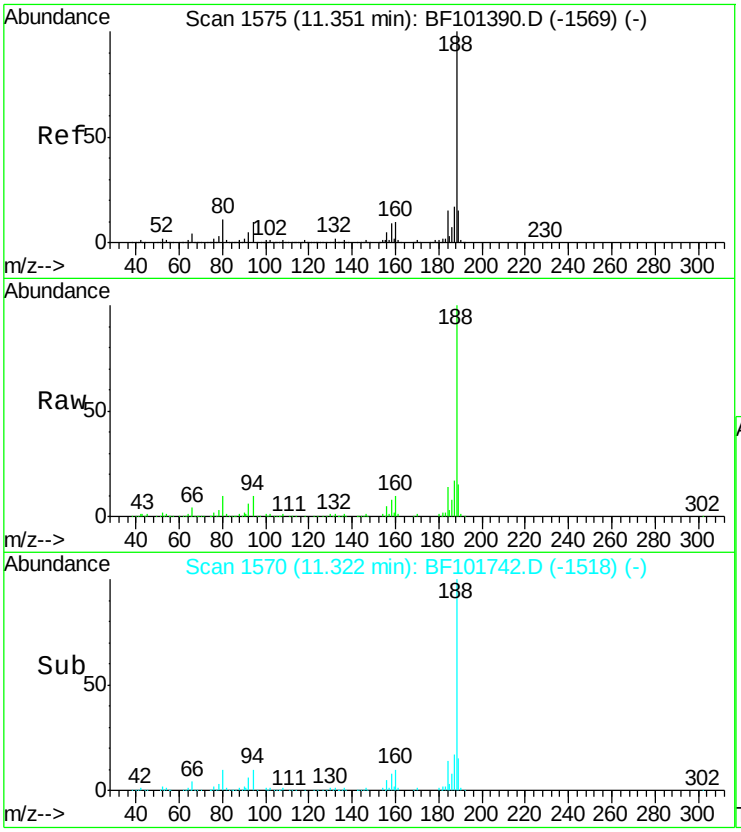


#49
Dimethylphthalate
Concen: 7.237 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101742.D
Acq: 27 Dec 2017 4:13

Tgt Ion:163 Resp: 97076

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.9	8.2	12.2



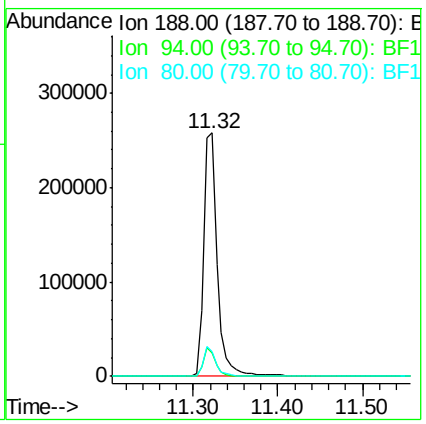


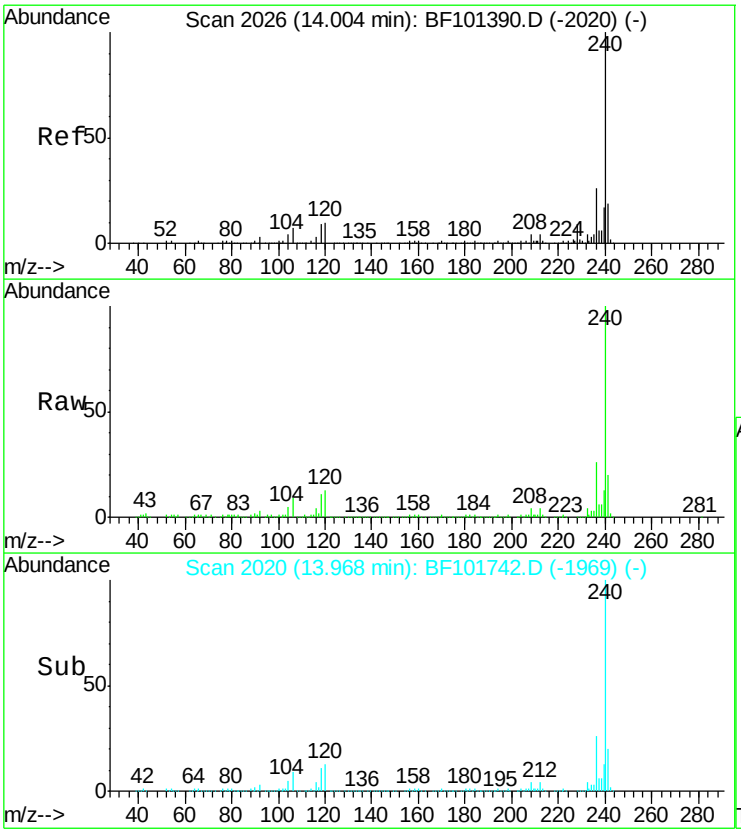
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF101742.D
Acq: 27 Dec 2017 4:13

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)

Tgt Ion:188 Resp: 288335

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.4	9.2	13.8

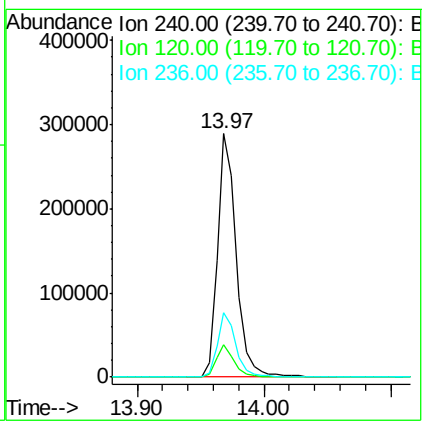


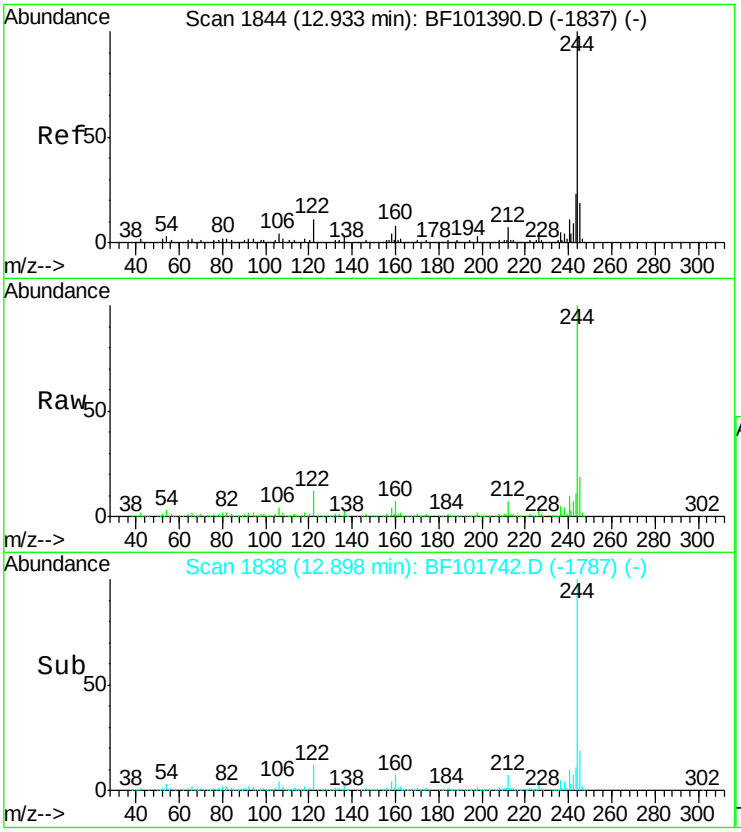


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF101742.D
Acq: 27 Dec 2017 4:13

Tgt Ion:240 Resp: 297485

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	26.4	20.7	31.1



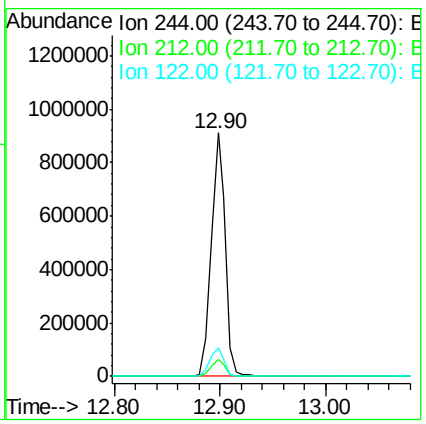


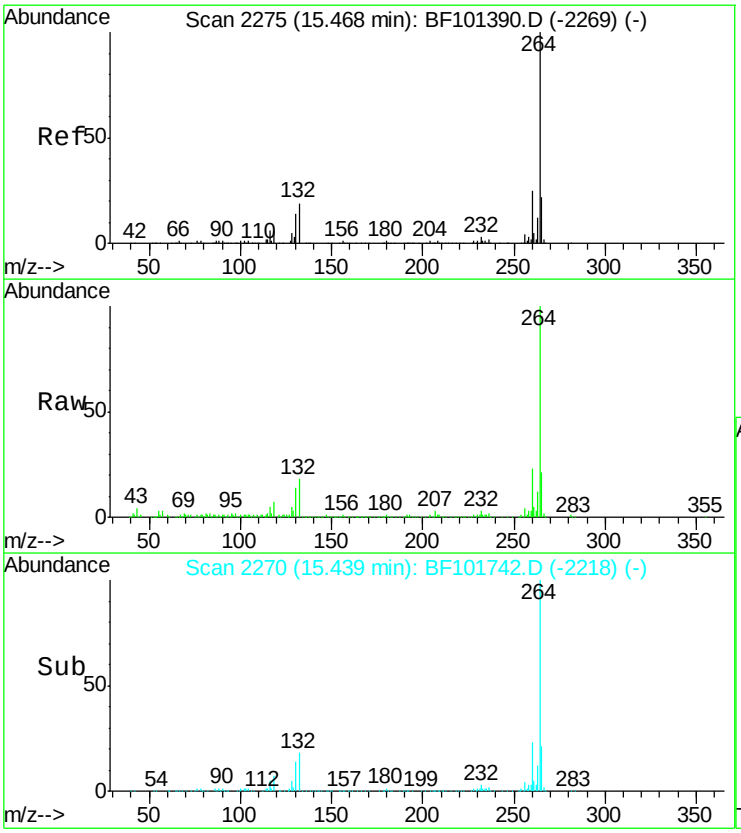
#78
Terphenyl-d14
Concen: 69.404 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF101742.D
Acq: 27 Dec 2017 4:13

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)

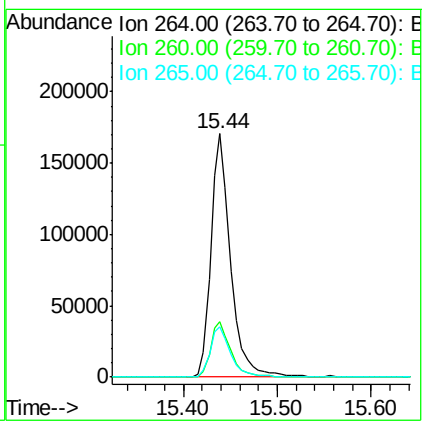
Tgt Ion:244 Resp: 856428

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.8	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101742.D
Acq: 27 Dec 2017 4:13

Tgt Ion:264 Resp: 250571

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	20.6	17.5	26.3