Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
Data File : BF101496.D
Acq On : 18 Dec 2017 22:18
Operator : SJ/JU
Sample : I6888-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-122-2(65-67)

Quant Time: Dec 19 06:48:25 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	138446	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	526606	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	204973	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	325078	20.00	ng	0.00
75) Chrysene-d12	13.99	240	281967	20.00	ng	0.00
86) Perylene-d12	15.46	264	257064	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	985828	106.07	ng	0.01
7) Phenol-d6	6.45	99	1171626	101.29	ng	0.00
23) Nitrobenzene-d5	7.38	82	702801	74.29	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	205237	103.91	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1147636	86.85	ng	0.00
78) Terphenyl-d14	12.92	244	756267	64.66	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.46	94	50646	3.842	ng	85
49) Dimethylphthalate	9.56	163	103528	6.279	ng	99

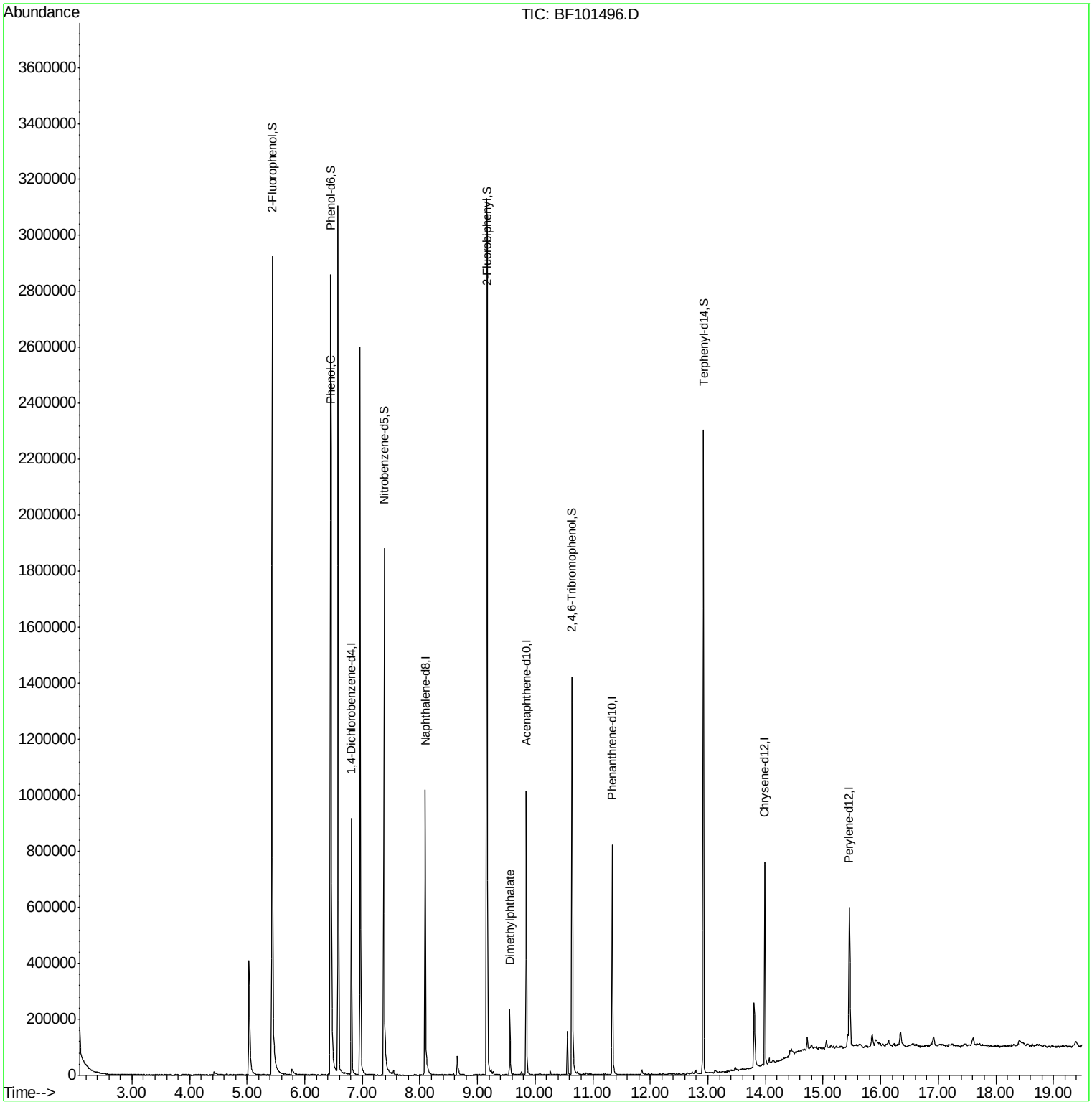
(#) = qualifier out of range (m) = manual integration (+) = signals summed

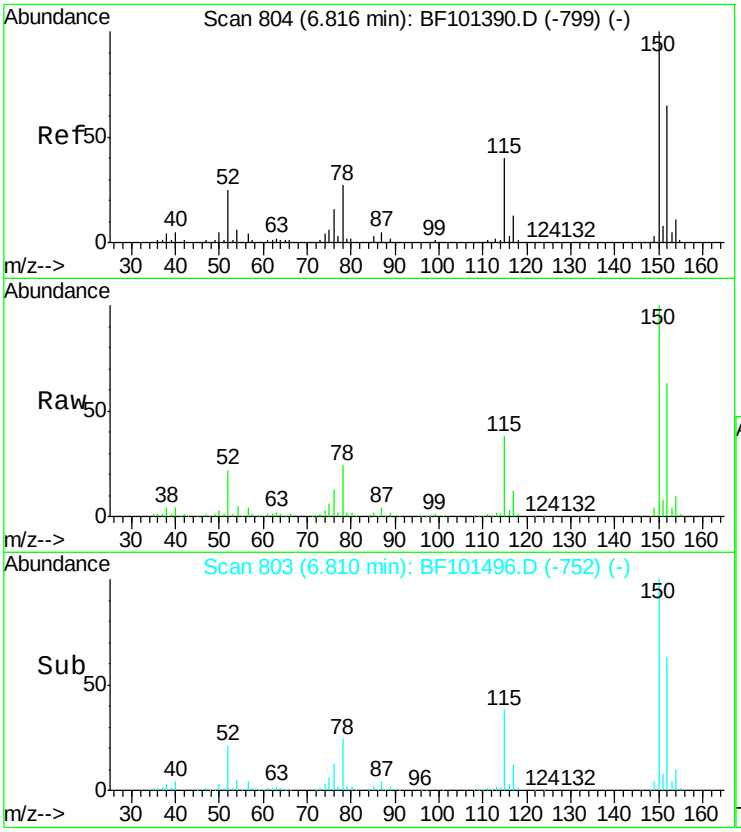
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
Data File : BF101496.D
Acq On : 18 Dec 2017 22:18
Operator : SJ/JU
Sample : I6888-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(65-67)

Quant Time: Dec 19 06:48:25 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration



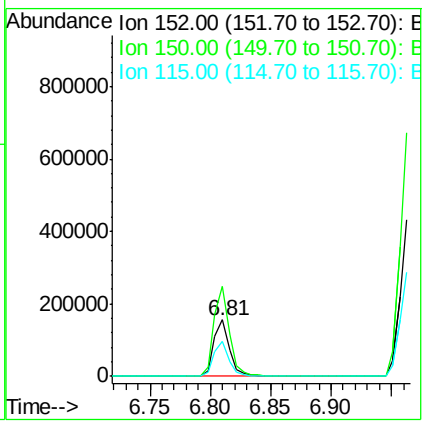


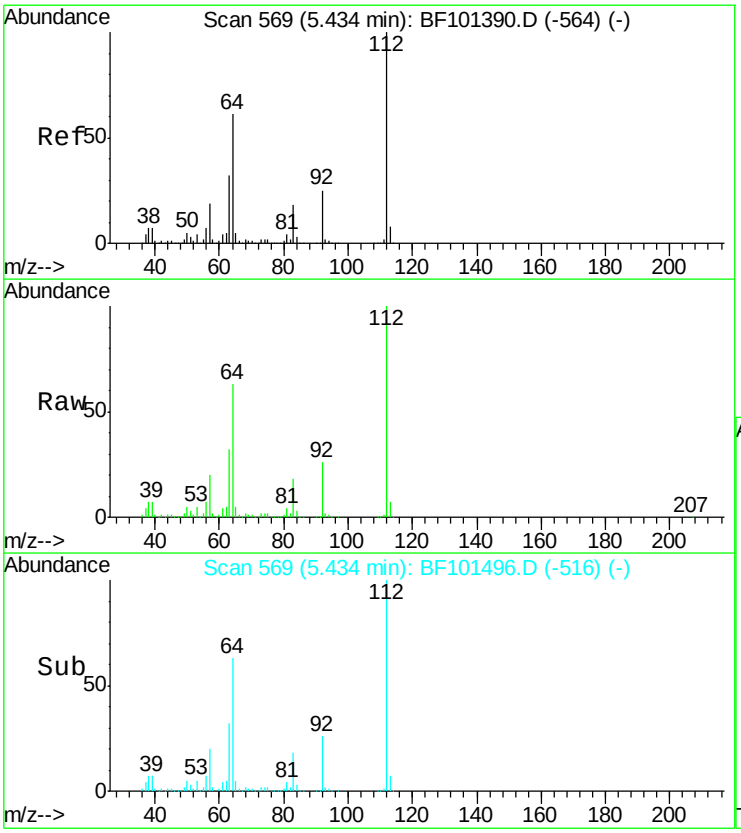
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF101496.D
Acq: 18 Dec 2017 22:18

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(65-67)

Tgt Ion:152 Resp: 138446

Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	61.2	50.1	75.1

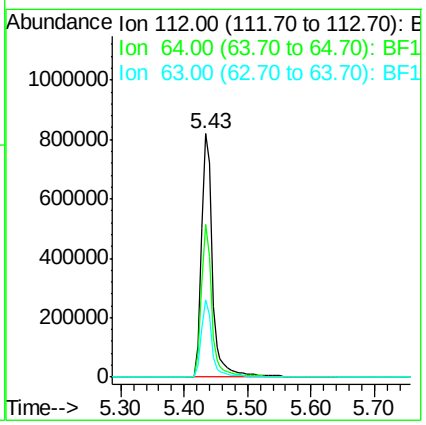


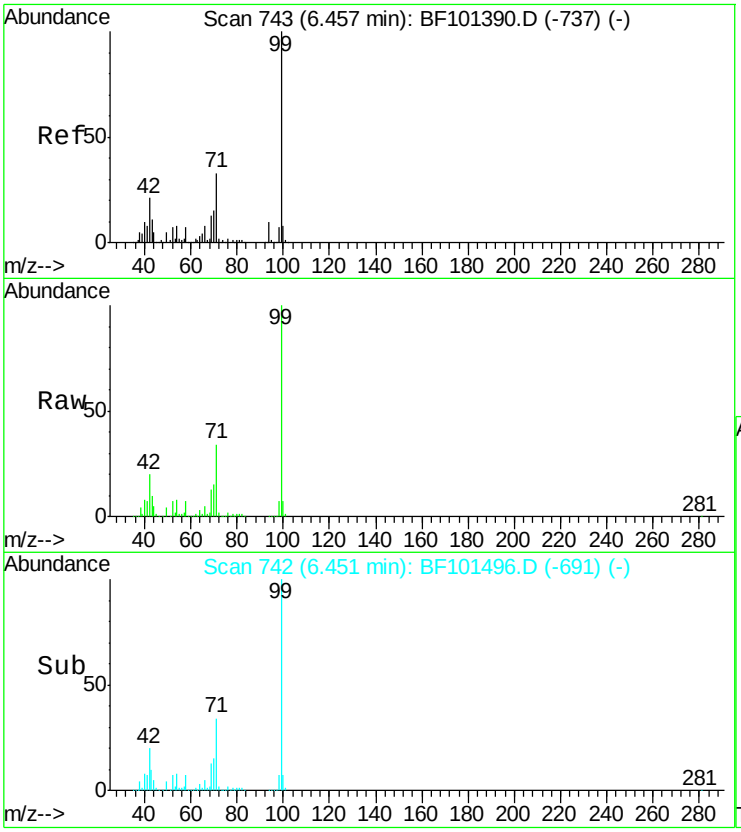


#5
2-Fluorophenol
Concen: 106.068 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101496.D
Acq: 18 Dec 2017 22:18

Tgt Ion:112 Resp: 985828

Ion	Ratio	Lower	Upper
112	100		
64	62.7	47.9	71.9
63	31.7	23.7	35.5



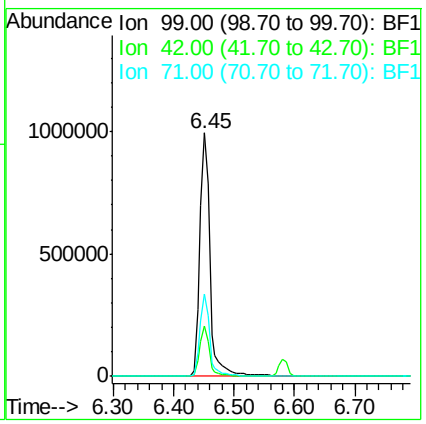


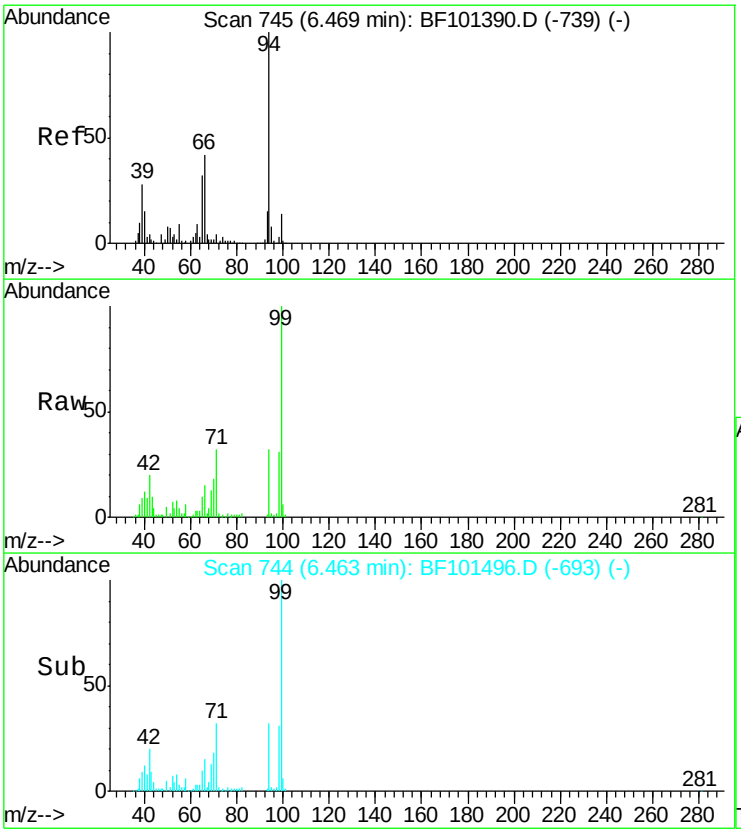
#7
Phenol-d6
Concen: 101.289 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF101496.D
Acq: 18 Dec 2017 22:18

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(65-67)

Tgt Ion: 99 Resp: 1171626

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	33.8	25.4	38.0

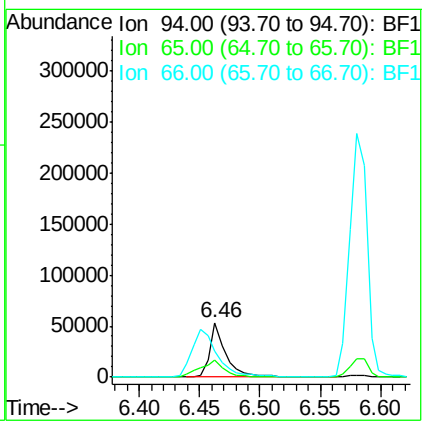


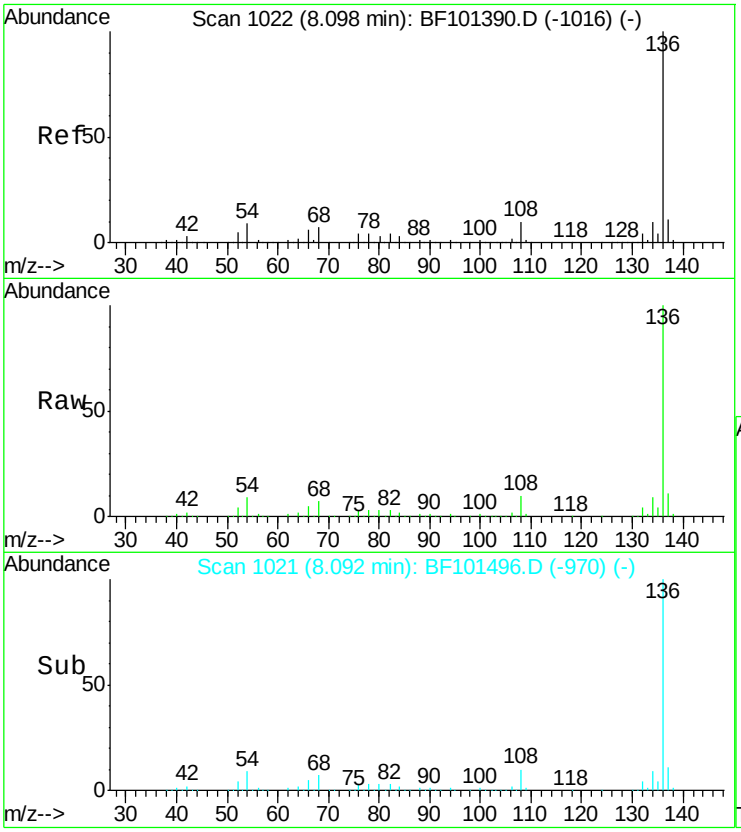


#10
Phenol
Concen: 3.842 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF101496.D
Acq: 18 Dec 2017 22:18

Tgt Ion: 94 Resp: 50646

Ion	Ratio	Lower	Upper
94	100		
65	32.3	7.9	47.9
66	47.8	16.2	56.2



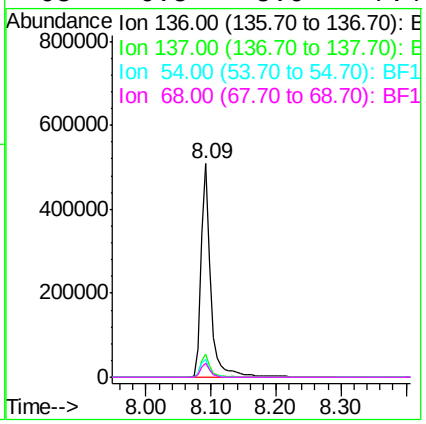


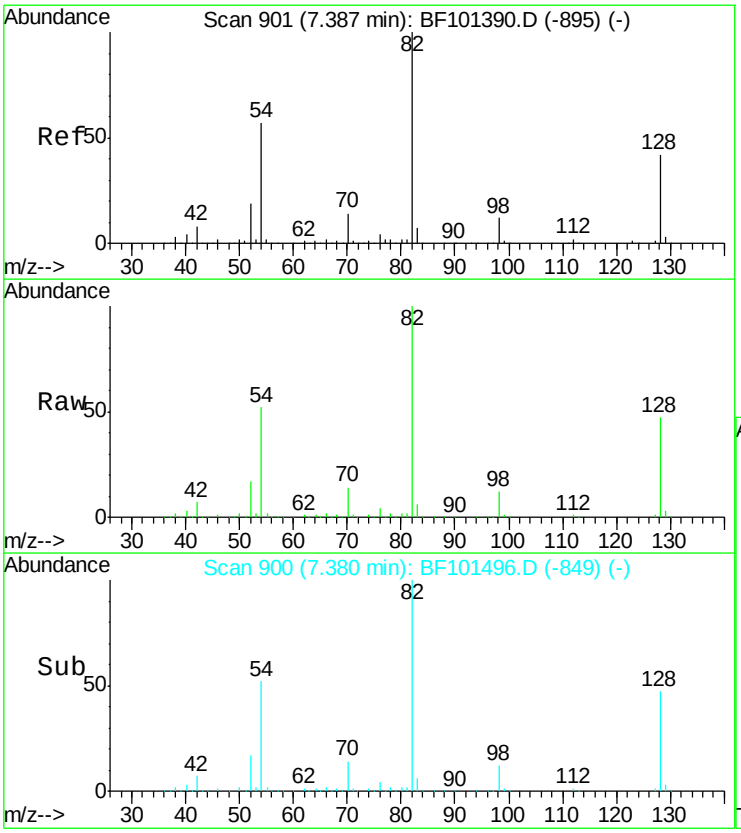
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101496.D
Acq: 18 Dec 2017 22:18

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(65-67)

Tgt Ion:136 Resp: 526606

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.7	6.6	9.8
68	6.5	5.0	7.4

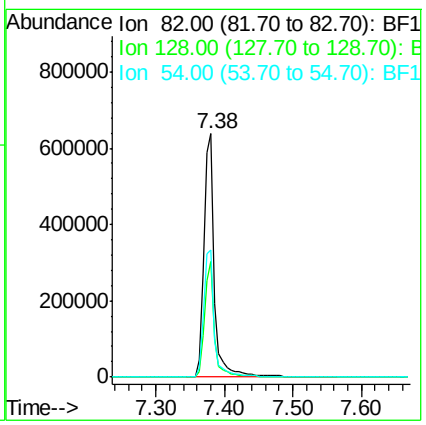


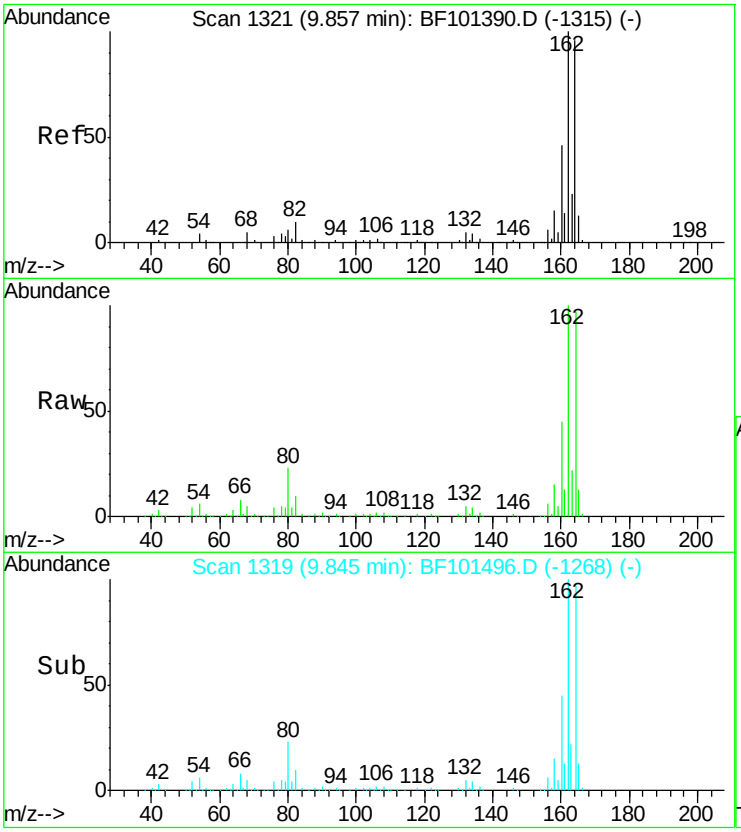


#23
Nitrobenzene-d5
Concen: 74.291 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF101496.D
Acq: 18 Dec 2017 22:18

Tgt Ion: 82 Resp: 702801

Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.1	54.1
54	52.1	41.4	62.2



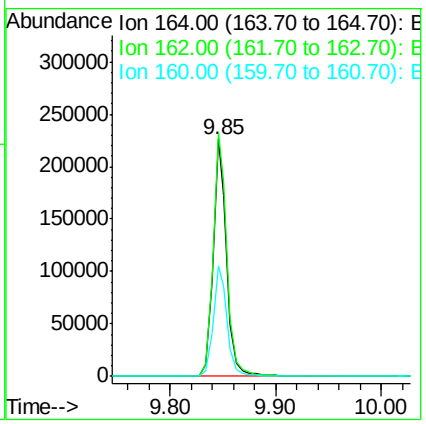


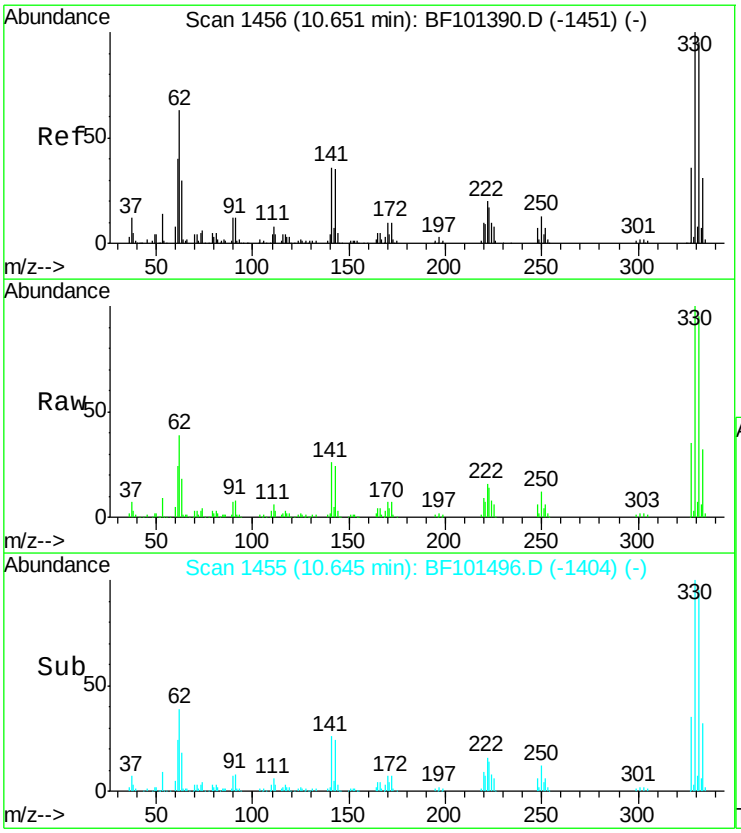
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF101496.D
Acq: 18 Dec 2017 22:18

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(65-67)

Tgt Ion:164 Resp: 204973

Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	46.7	38.3	57.5

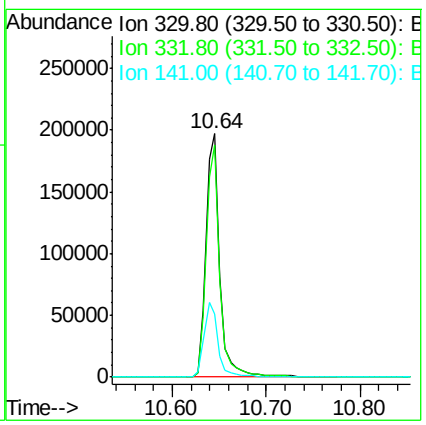


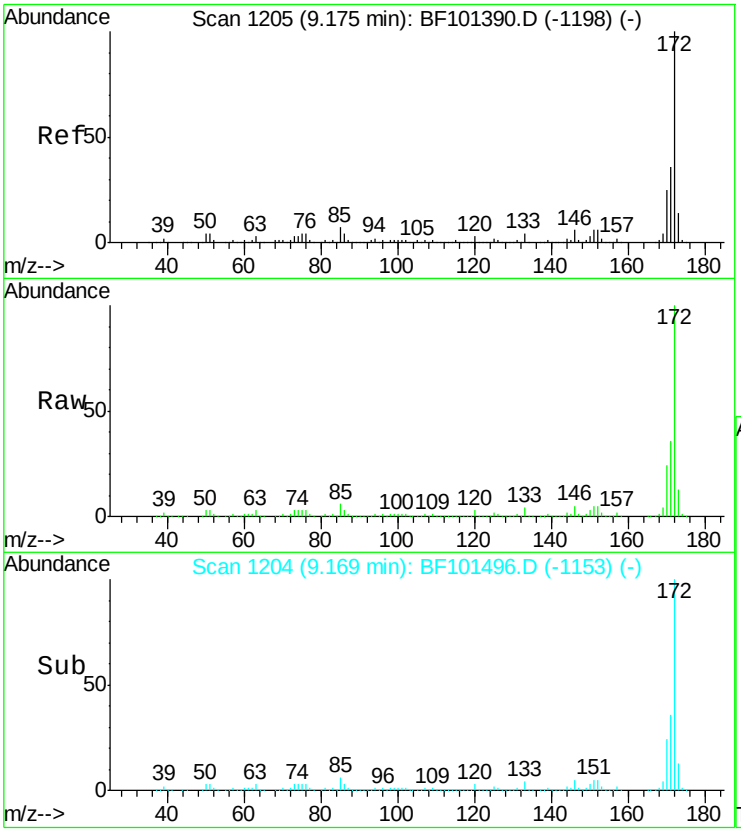


#41
2,4,6-Tribromophenol
Concen: 103.914 ng
RT: 10.64 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF101496.D
Acq: 18 Dec 2017 22:18

Tgt Ion:330 Resp: 205237

Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.0	115.6
141	31.4	29.9	44.9



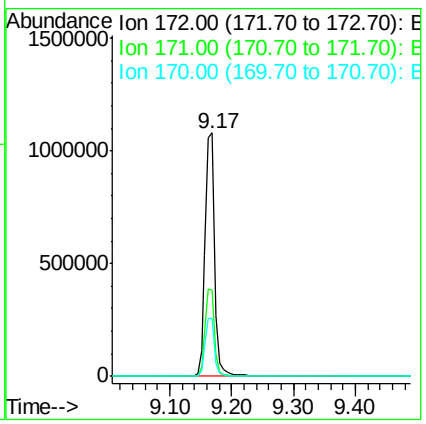


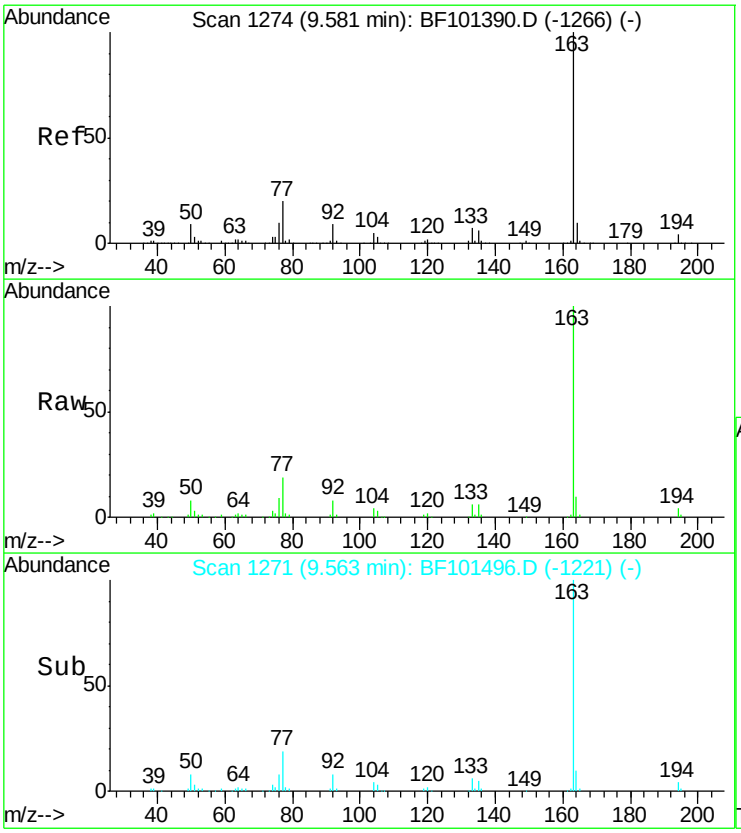
#44
2-Fluorobiphenyl
Concen: 86.853 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF101496.D
Acq: 18 Dec 2017 22:18

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(65-67)

Tgt Ion:172 Resp: 1147636

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.9	19.6	29.4

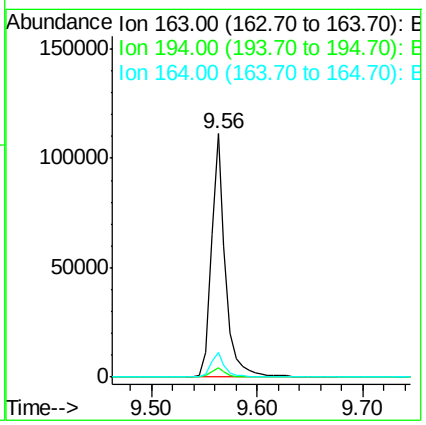


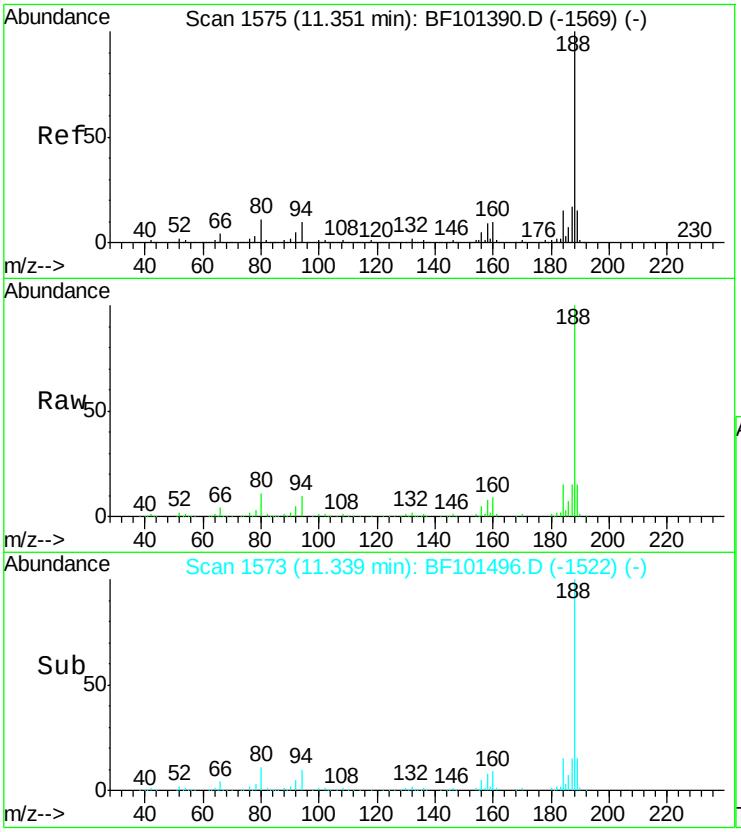


#49
Dimethylphthalate
Concen: 6.279 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101496.D
Acq: 18 Dec 2017 22:18

Tgt Ion:163 Resp: 103528

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.4	8.2	12.2



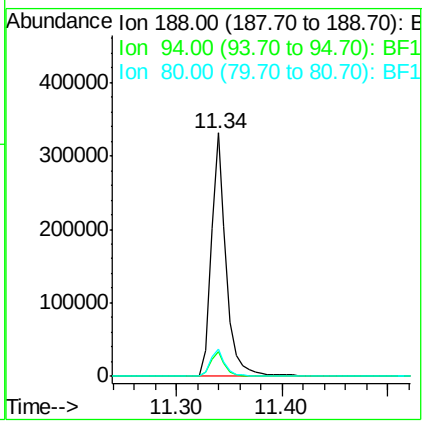


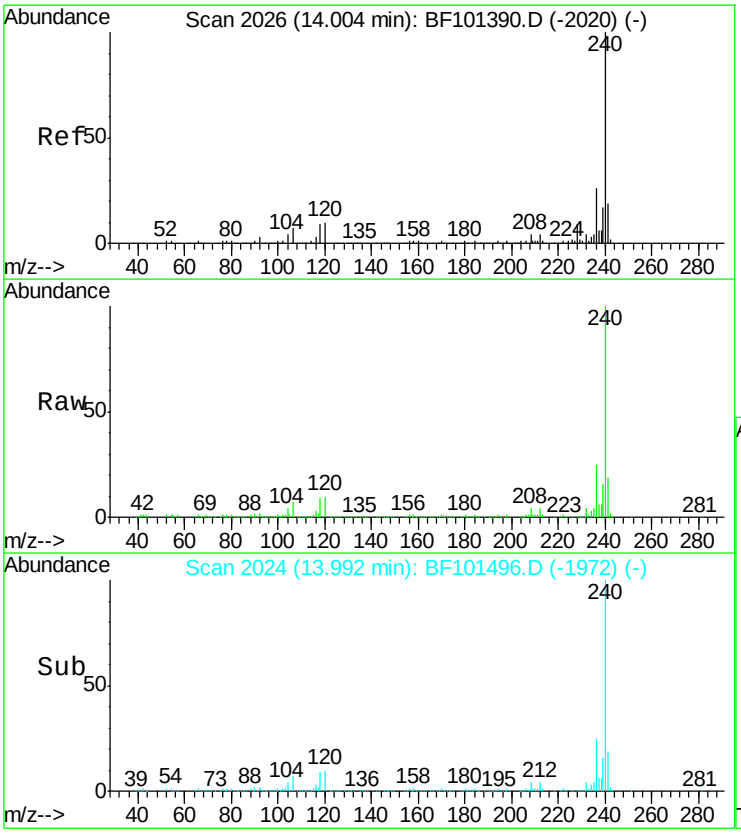
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF101496.D
Acq: 18 Dec 2017 22:18

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(65-67)

Tgt Ion:188 Resp: 325078

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	11.0	9.2	13.8

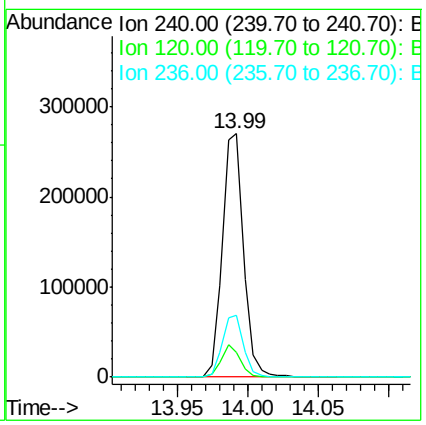


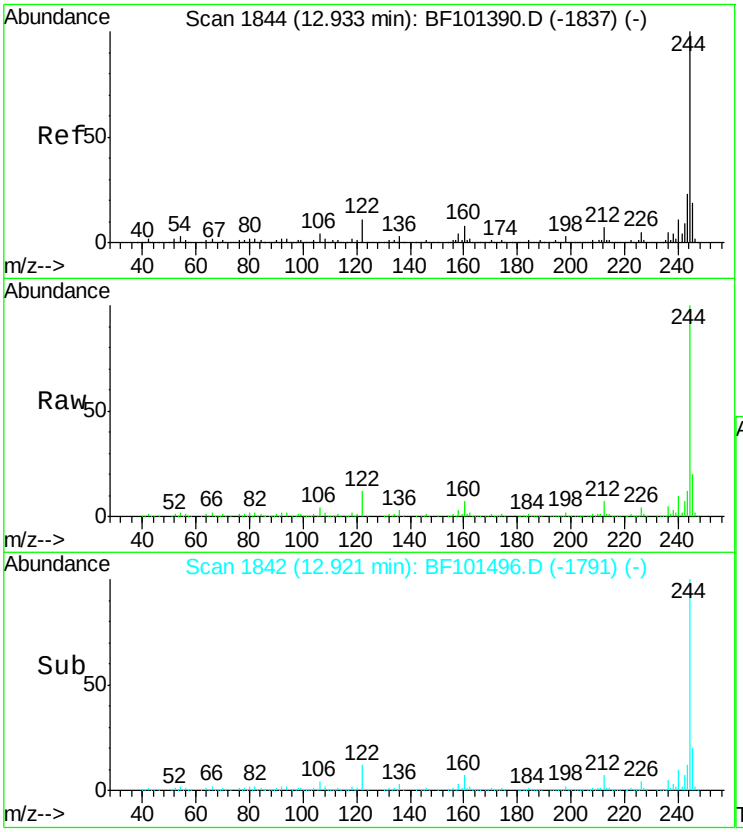


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF101496.D
Acq: 18 Dec 2017 22:18

Tgt Ion:240 Resp: 281967

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	25.4	20.7	31.1



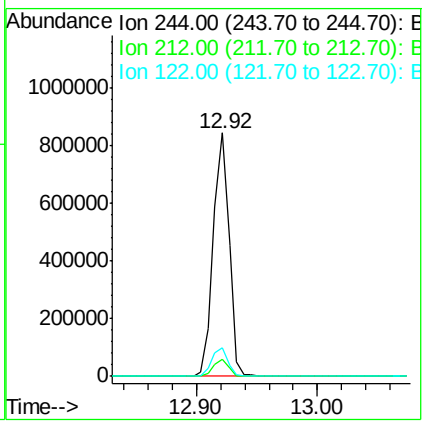


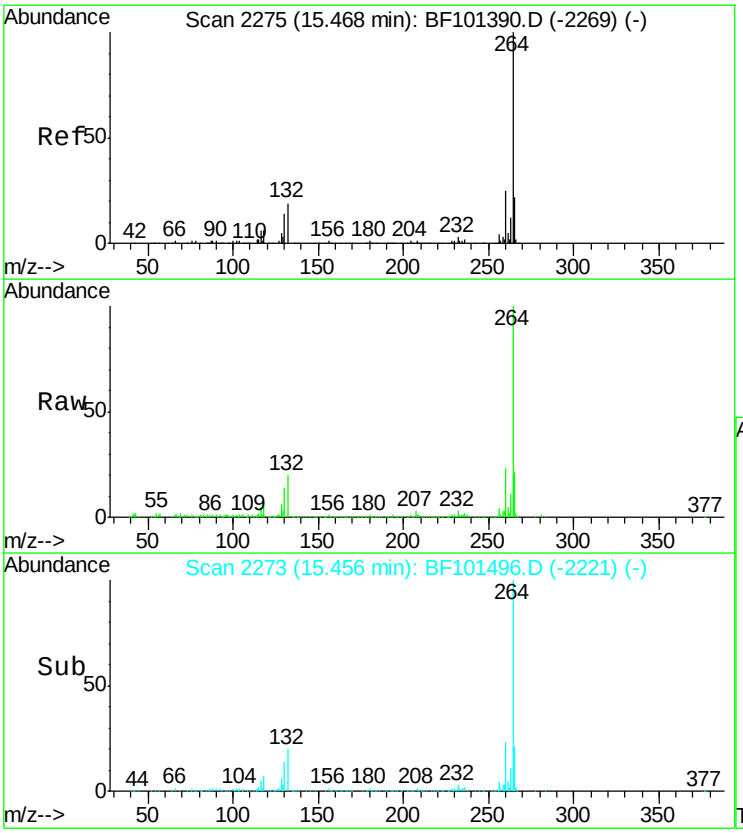
#78
Terphenyl-d14
Concen: 64.660 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF101496.D
Acq: 18 Dec 2017 22:18

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(65-67)

Tgt Ion:244 Resp: 756267

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF101496.D
Acq: 18 Dec 2017 22:18

Tgt Ion:264 Resp: 257064

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.3	17.5	26.3