Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101298.D
Acq On : 11 Dec 2017 19:09
Operator : SJ/JU
Sample : I6792-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-108-5(0-5)

Quant Time: Dec 12 01:34:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	46745	20.00	ng	0.01
21) Naphthalene-d8	8.12	136	178876	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	74174	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	118268	20.00	ng	0.00
75) Chrysene-d12	14.01	240	97775	20.00	ng	0.00
86) Perylene-d12	15.49	264	82399	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	370751	131.06	ng	0.02
7) Phenol-d6	6.47	99	456245	132.84	ng	0.01
23) Nitrobenzene-d5	7.40	82	268306	89.48	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	92088	103.35	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	507695	93.65	ng	0.00
78) Terphenyl-d14	12.95	244	356539	79.76	ng	0.01
Target Compounds						Qvalue
10) Phenol	6.49	94	15340	4.017	ng	96
49) Dimethylphthalate	9.58	163	65230	10.904	ng	99

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

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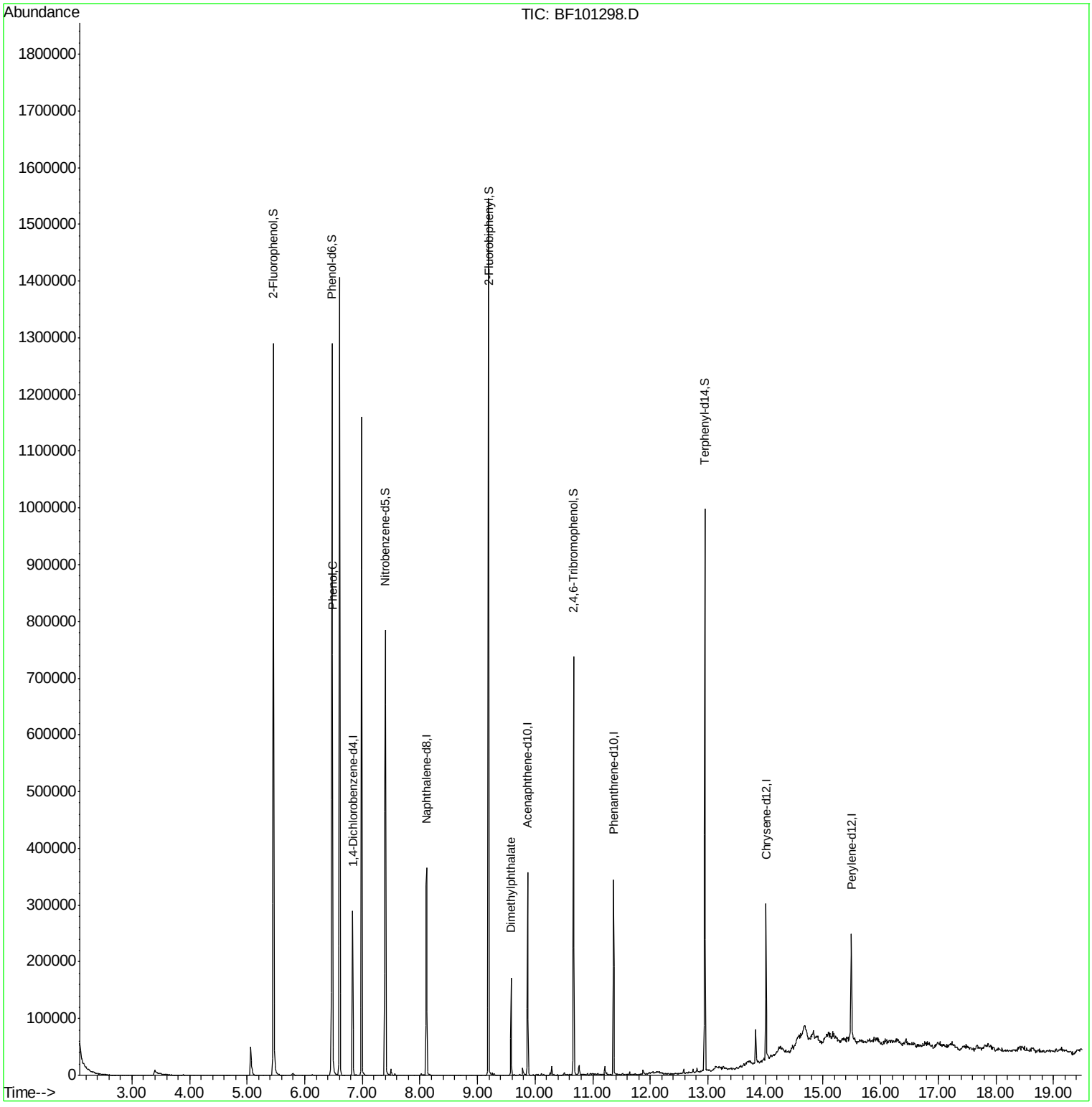
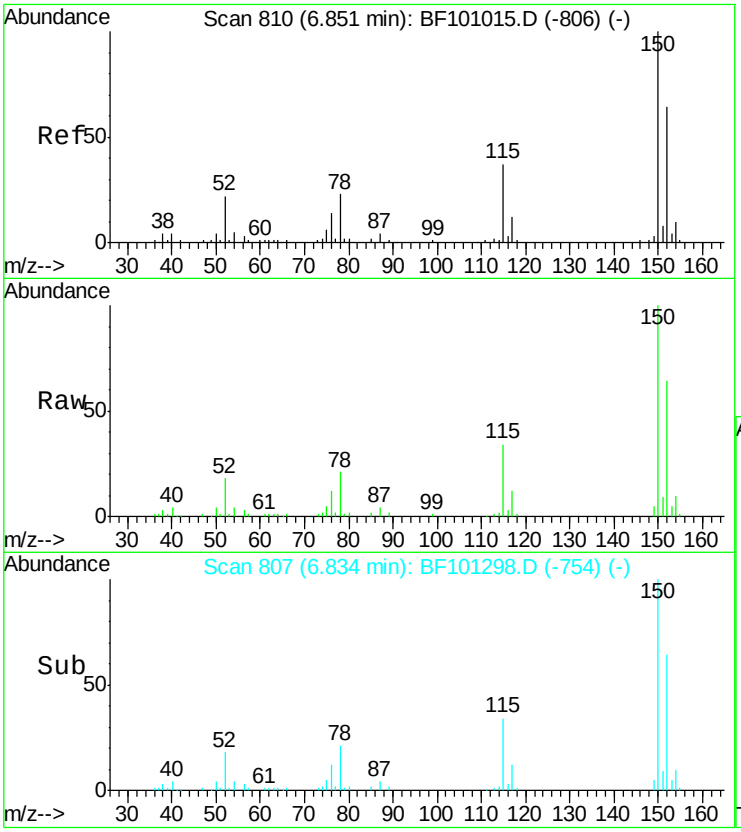


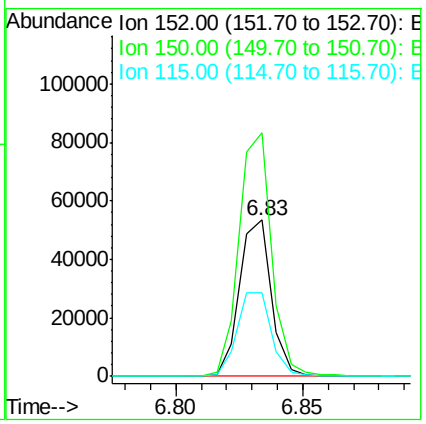


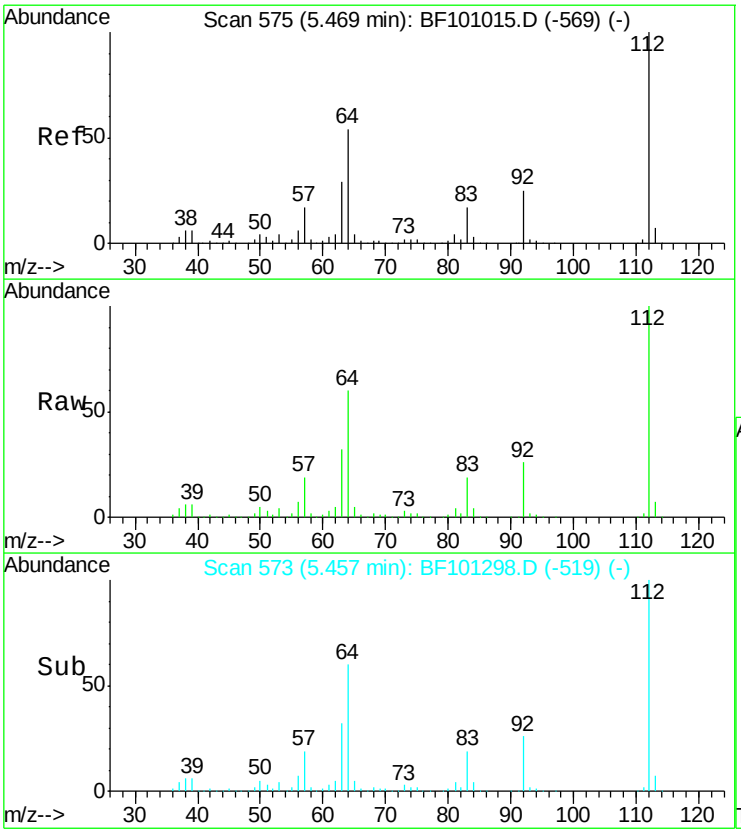
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.01 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

Instrument :
BNA_F
ClientSampleId :
EPE-108-5(0-5)

Tgt Ion:152 Resp: 46745

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	53.3	50.1	75.1

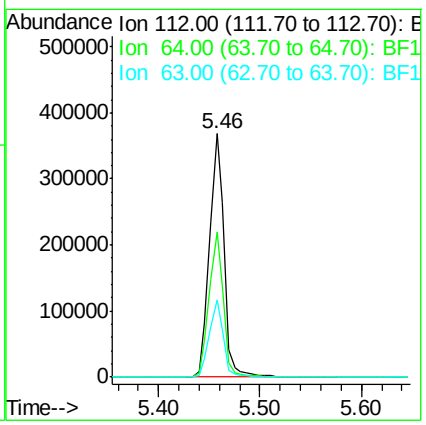


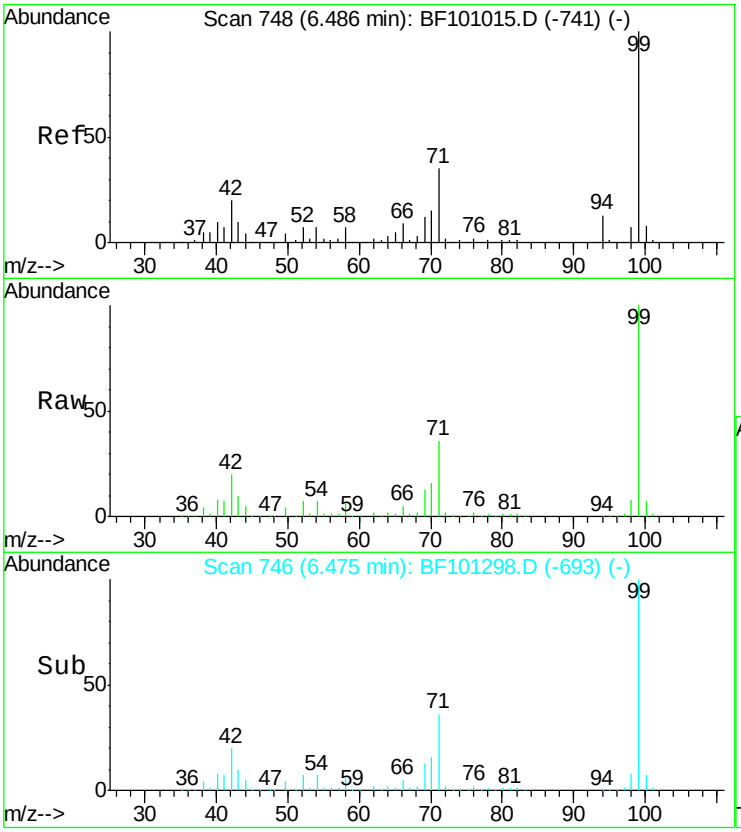


#5
2-Fluorophenol
Concen: 131.061 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

Tgt Ion:112 Resp: 370751

Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	31.7	23.7	35.5



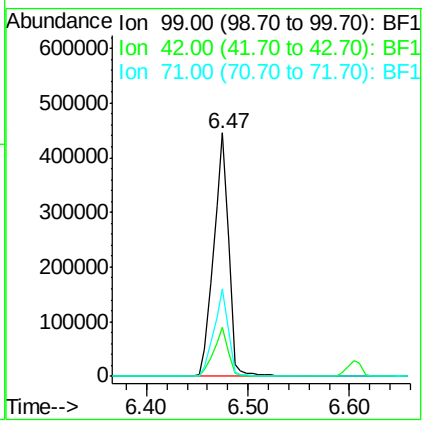


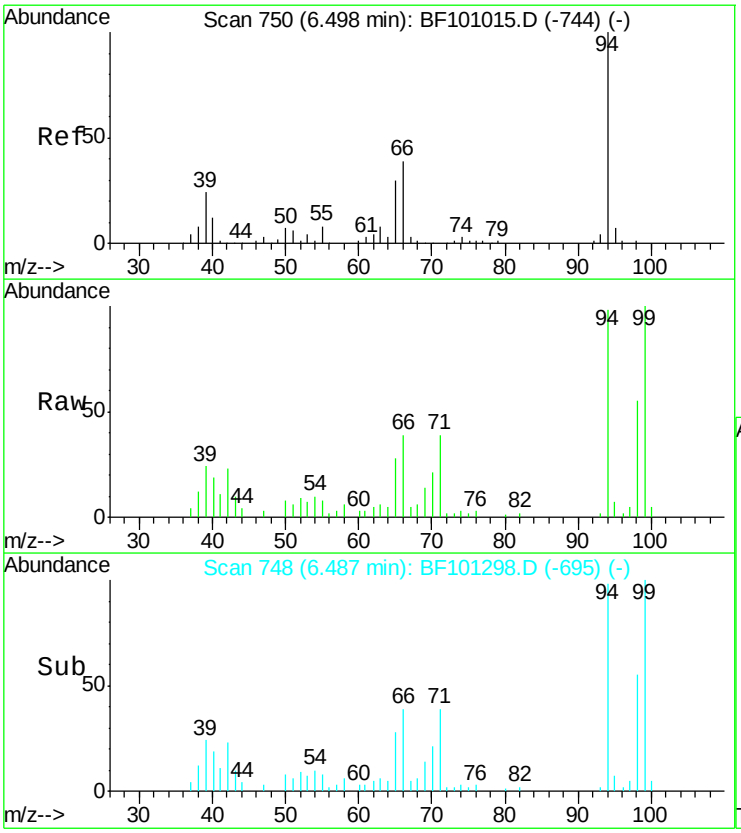
#7
Phenol-d6
Concen: 132.842 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.01 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

Instrument :
BNA_F
ClientSampleId :
EPE-108-5(0-5)

Tgt Ion: 99 Resp: 456245

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	36.1	25.4	38.0

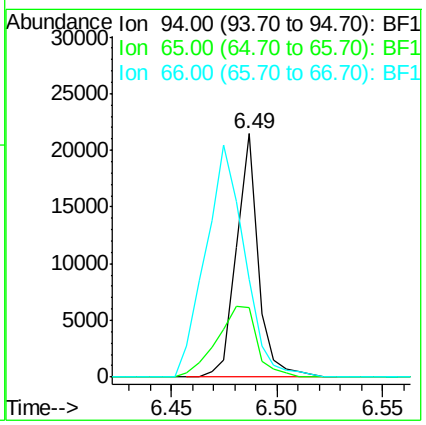


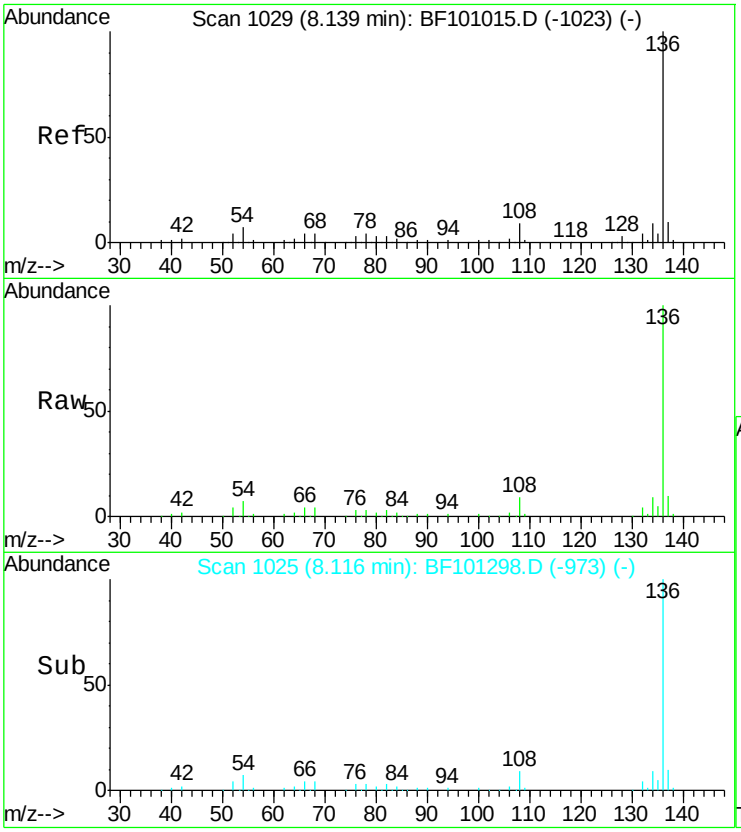


#10
Phenol
Concen: 4.017 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

Tgt Ion: 94 Resp: 15340

Ion	Ratio	Lower	Upper
94	100		
65	28.6	7.9	47.9
66	40.0	16.2	56.2



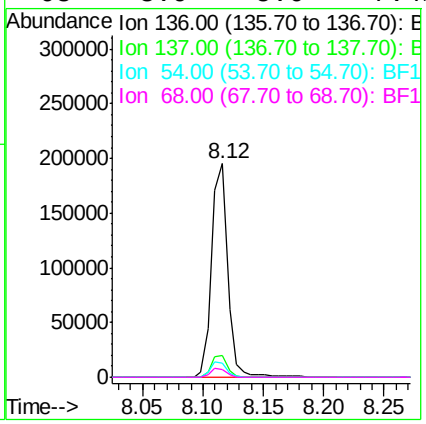


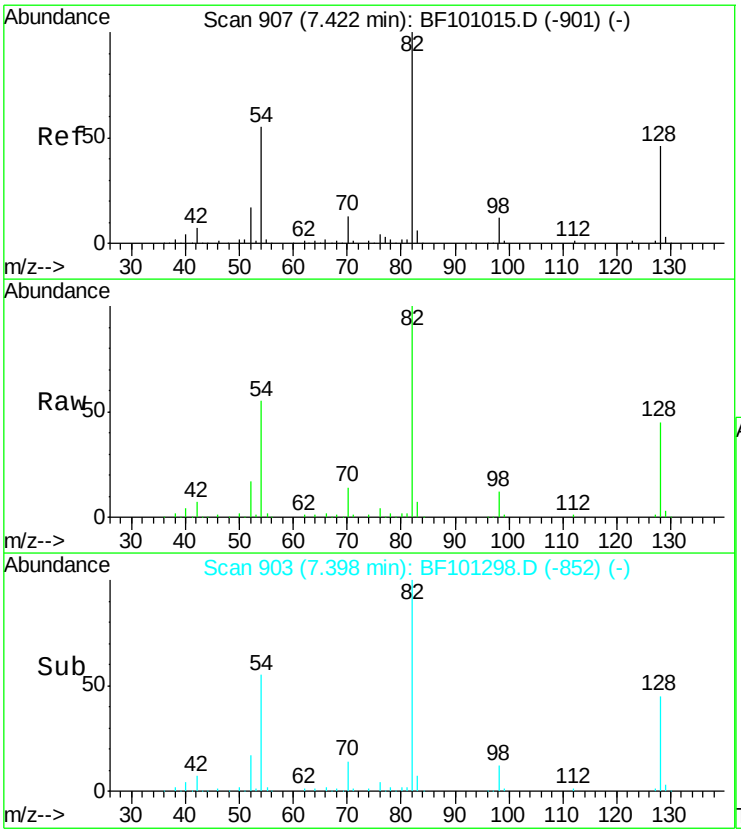
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

Instrument :
BNA_F
ClientSampleId :
EPE-108-5(0-5)

Tgt Ion:136 Resp: 178876

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	6.6	6.6	9.8
68	3.9	5.0	7.4#

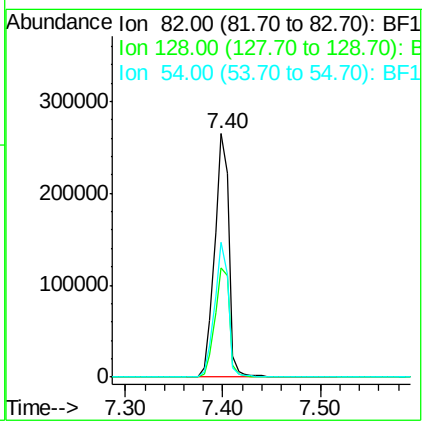


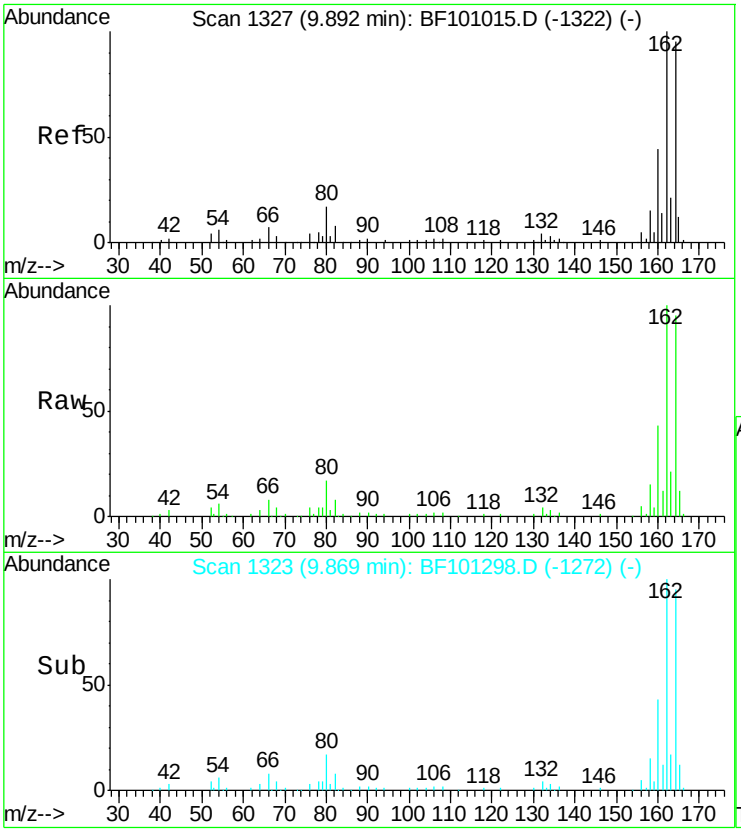


#23
Nitrobenzene-d5
Concen: 89.477 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

Tgt Ion: 82 Resp: 268306

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	55.5	41.4	62.2



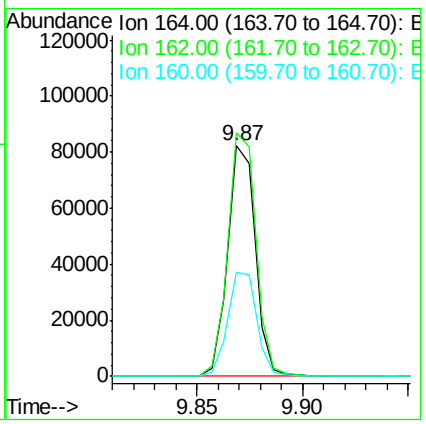


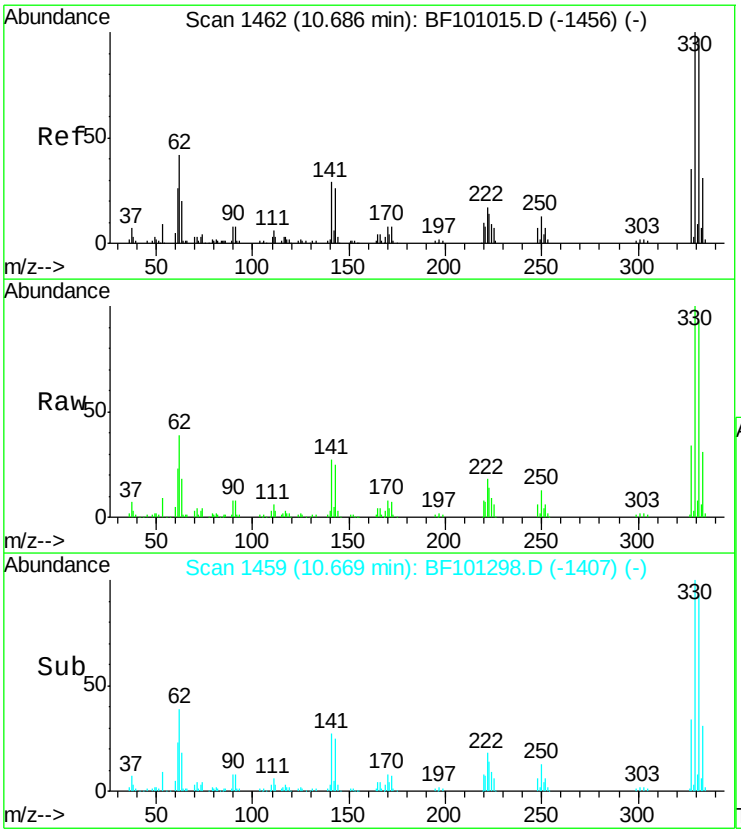
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

Instrument :
BNA_F
ClientSampleId :
EPE-108-5(0-5)

Tgt Ion:164 Resp: 74174

Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	45.1	38.3	57.5

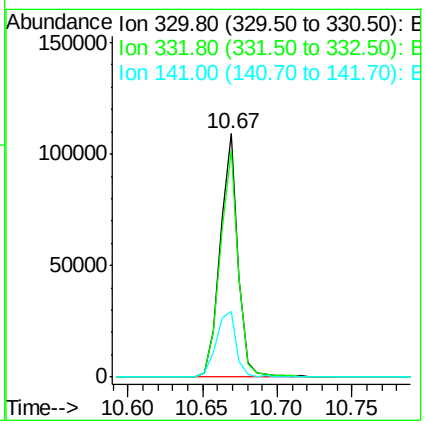


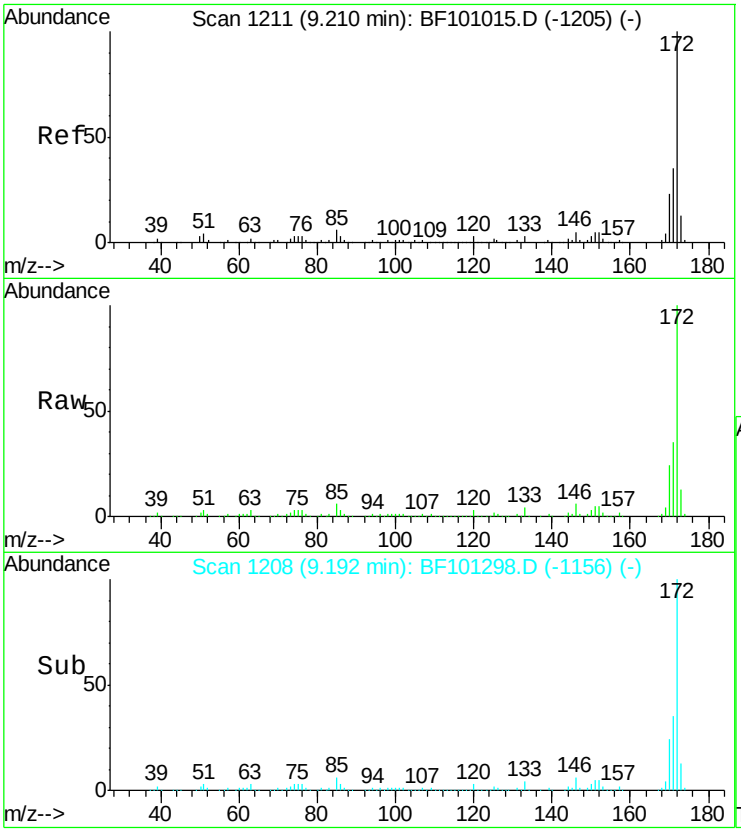


#41
2,4,6-Tribromophenol
Concen: 103.349 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

Tgt Ion:330 Resp: 92088

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	29.9	29.9	44.9#



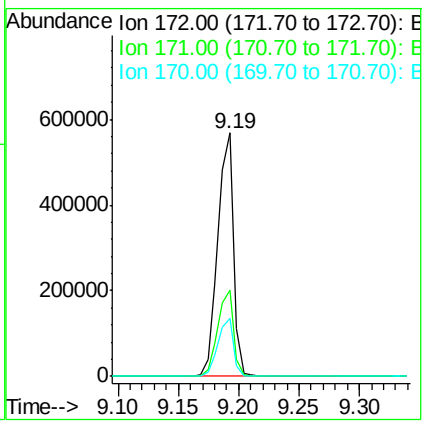


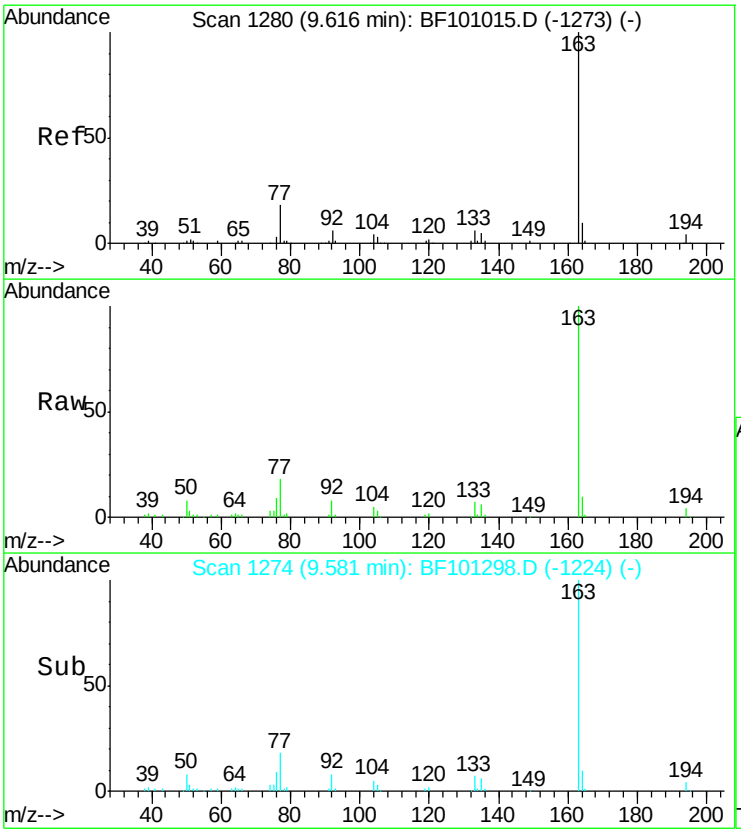
#44
2-Fluorobiphenyl
Concen: 93.648 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

Instrument :
BNA_F
ClientSampleId :
EPE-108-5(0-5)

Tgt Ion:172 Resp: 507695

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

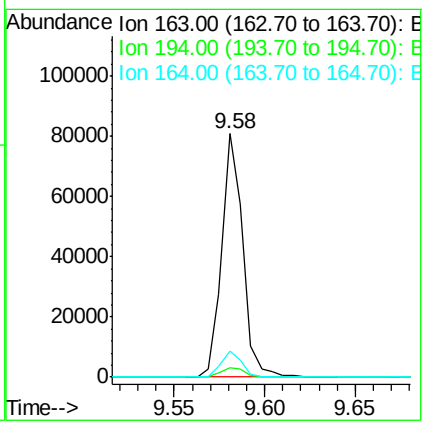


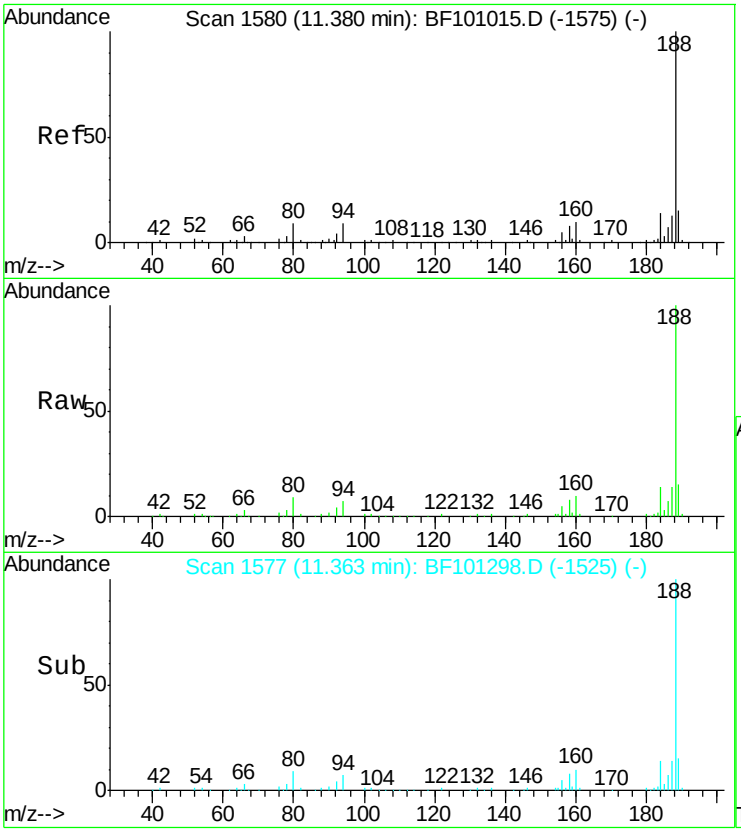


#49
Dimethylphthalate
Concen: 10.904 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

Tgt Ion:163 Resp: 65230

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.5	8.2	12.2



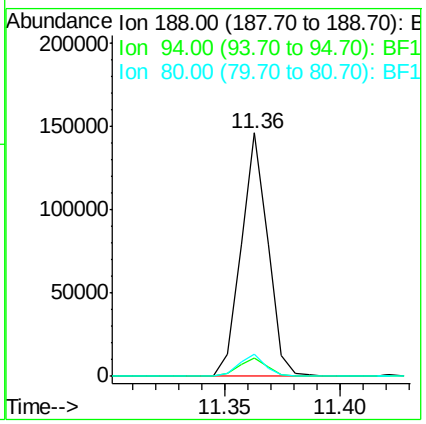


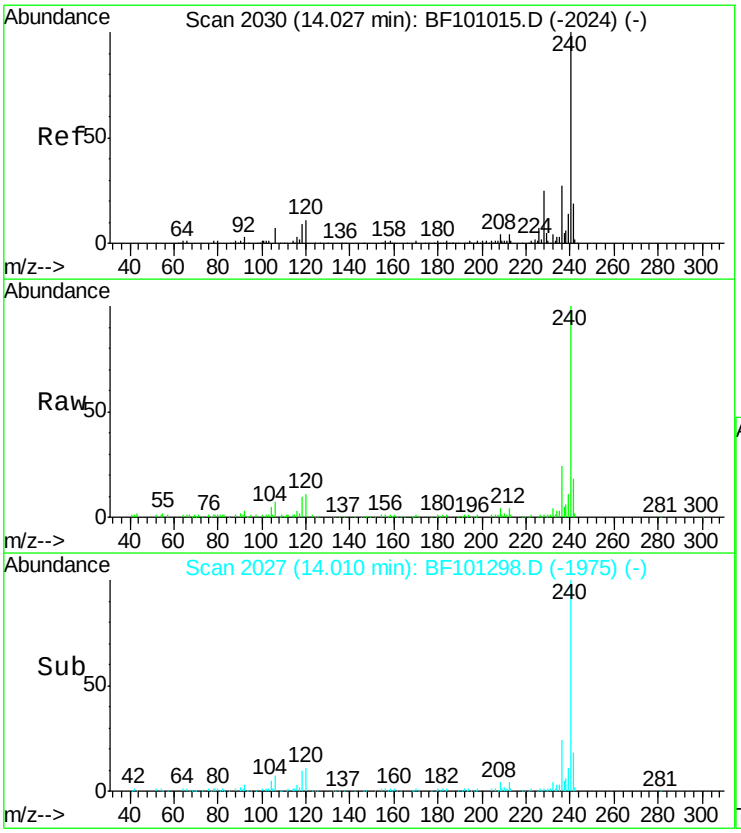
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

Instrument :
BNA_F
ClientSampleId :
EPE-108-5(0-5)

Tgt Ion:188 Resp: 118268

Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.5	12.7#
80	9.1	9.2	13.8#

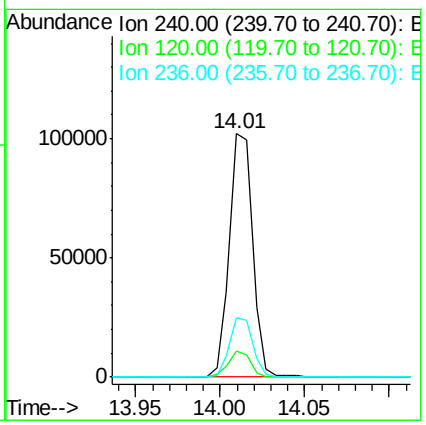


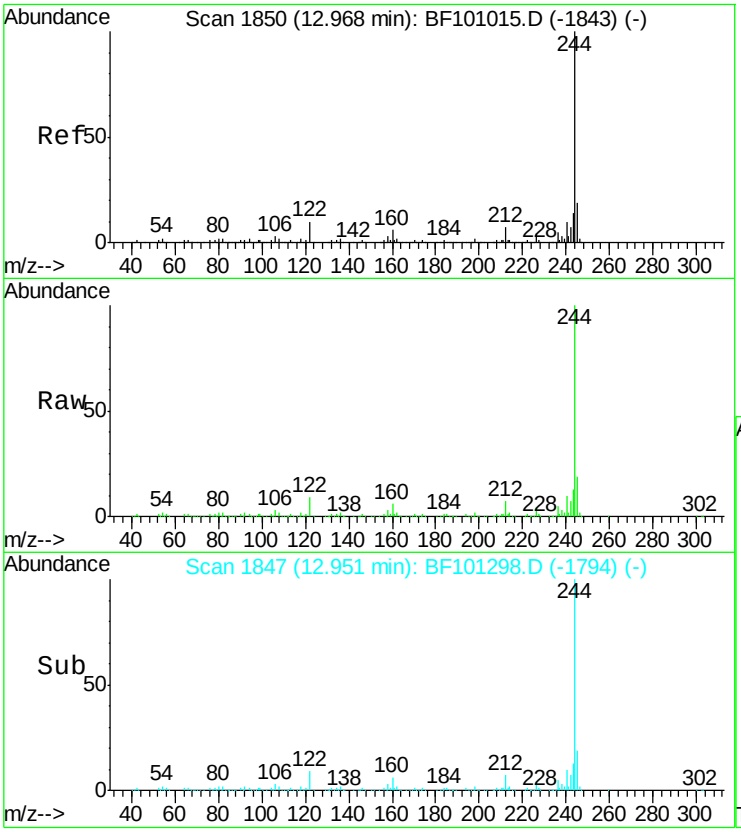


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

Tgt Ion:240 Resp: 97775

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	24.3	20.7	31.1



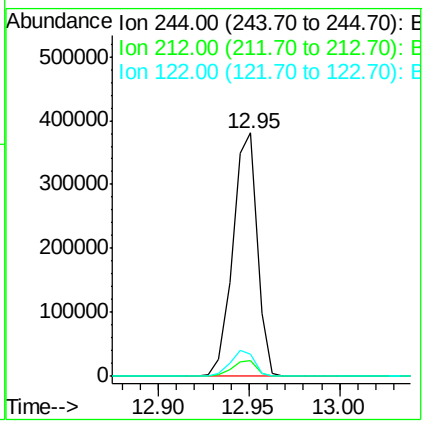


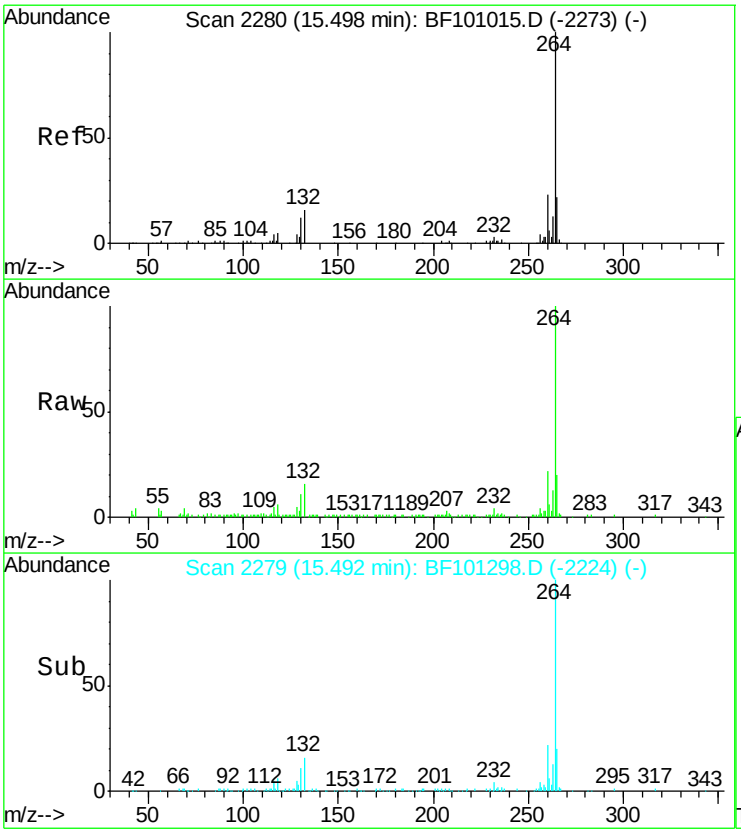
#78
Terphenyl-d14
Concen: 79.759 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.01 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

Instrument :
BNA_F
ClientSampleId :
EPE-108-5(0-5)

Tgt Ion:244 Resp: 356539

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.4	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

Tgt Ion:264 Resp: 82399

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	20.0	17.5	26.3