Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101302.D
Acq On : 11 Dec 2017 20:56
Operator : SJ/JU
Sample : I6792-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-108-5(5-10)

Quant Time: Dec 12 02:28:38 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	46450	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	172920	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	72475	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	117372	20.00	ng		0.00
75) Chrysene-d12	14.01	240	98270	20.00	ng		0.00
86) Perylene-d12	15.49	264	83417	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	381897	135.86	ng		0.02
7) Phenol-d6	6.47	99	467271	136.92	ng		0.01
23) Nitrobenzene-d5	7.40	82	283891	97.94	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	95181	109.32	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	530265	100.10	ng		0.00
78) Terphenyl-d14	12.95	244	386817	86.10	ng		0.01
Target Compounds							Qvalue
10) Phenol	6.49	94	14654	3.862	ng		96
49) Dimethylphthalate	9.58	163	48869	8.361	ng	#	99

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

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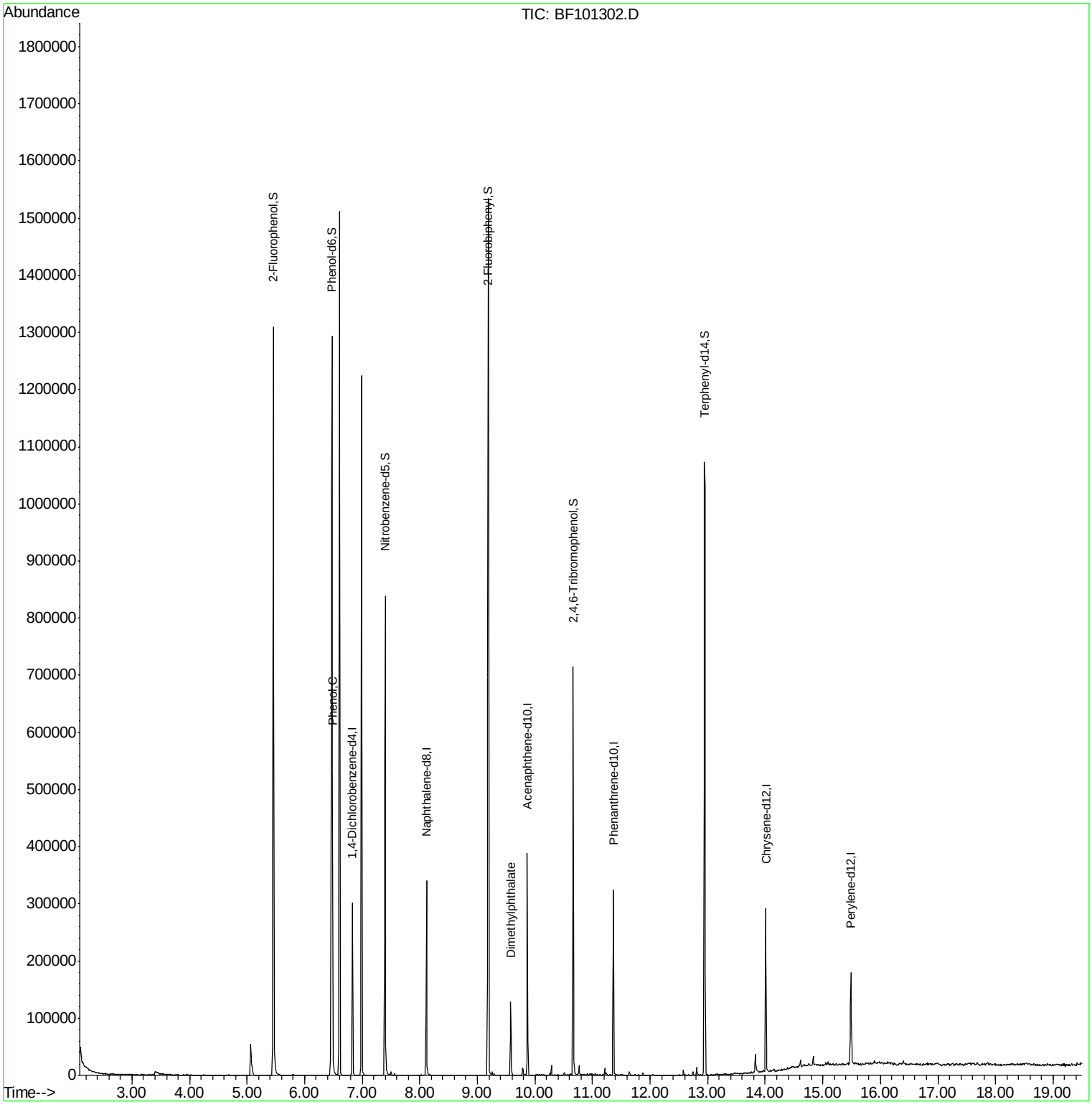
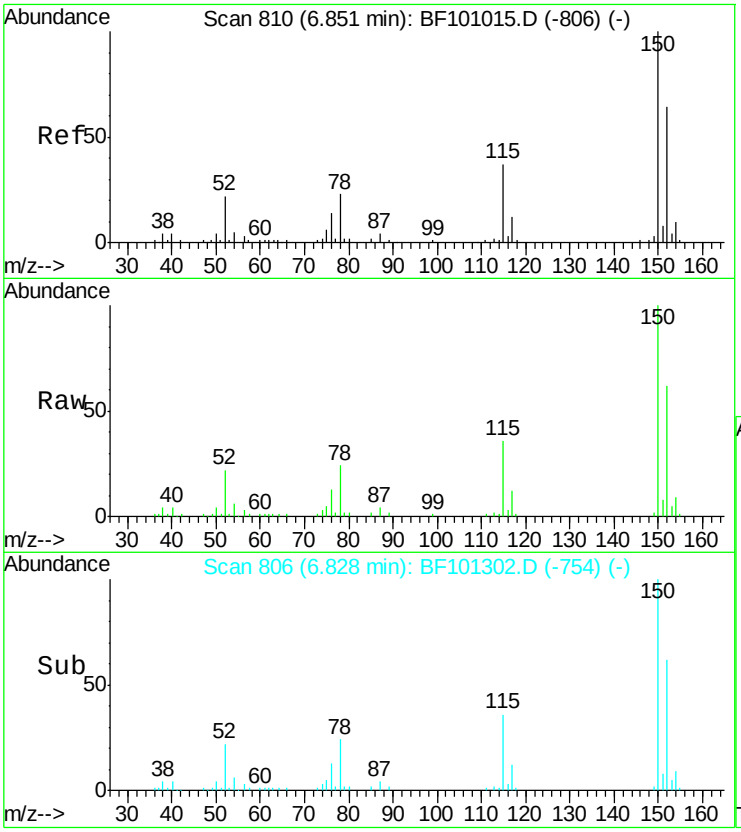


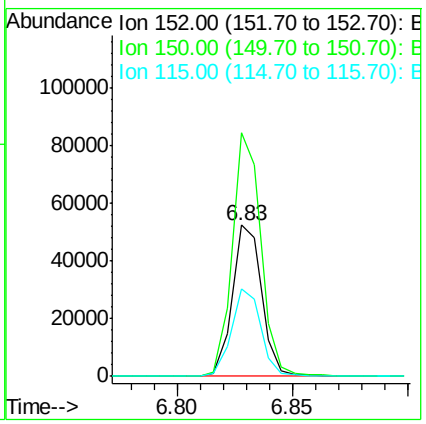


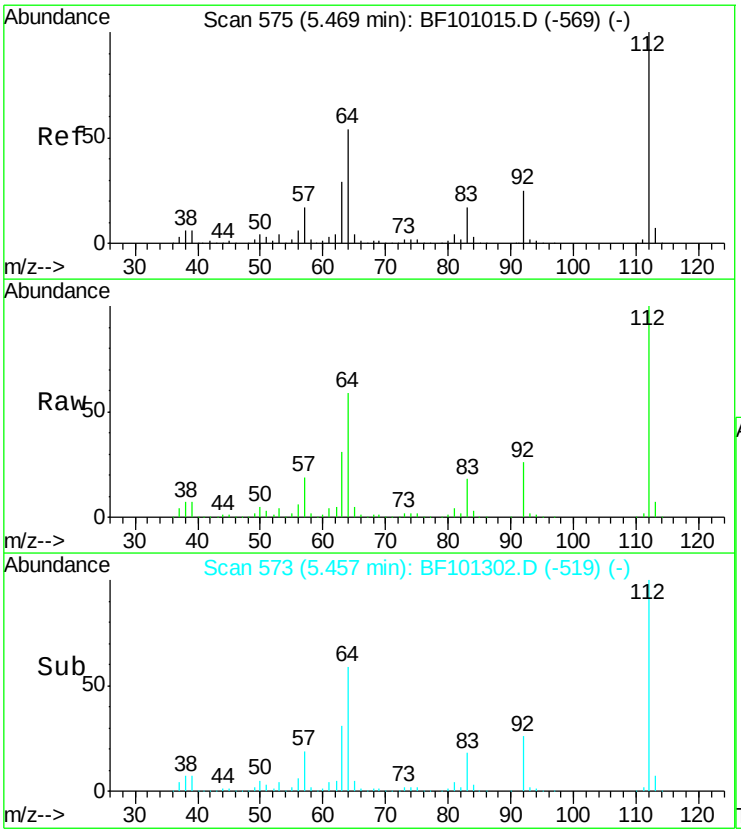
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101302.D
Acq: 11 Dec 2017 20:56

Instrument :
BNA_F
ClientSampleId :
EPE-108-5(5-10)

Tgt Ion:152 Resp: 46450

Ion	Ratio	Lower	Upper
152	100		
150	161.4	124.6	186.8
115	58.0	50.1	75.1

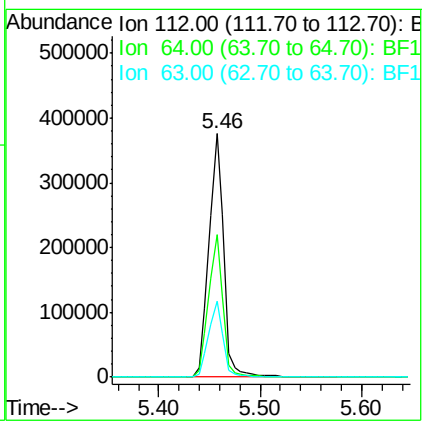


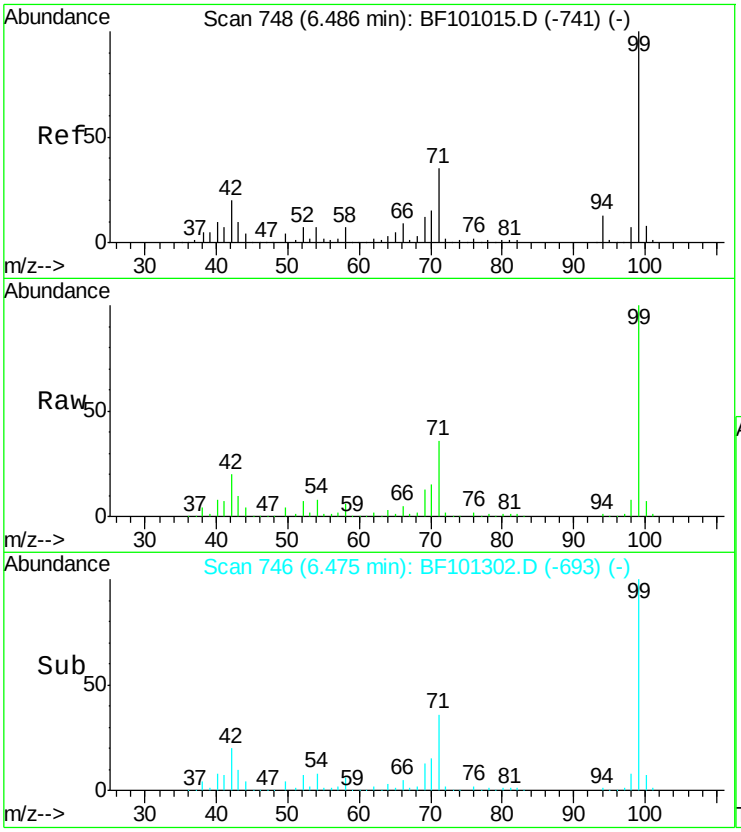


#5
2-Fluorophenol
Concen: 135.859 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF101302.D
Acq: 11 Dec 2017 20:56

Tgt Ion:112 Resp: 381897

Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.9	71.9
63	31.2	23.7	35.5



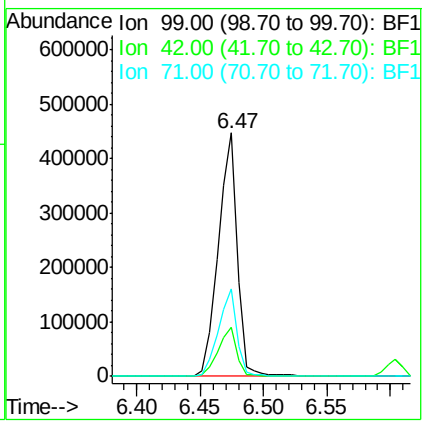


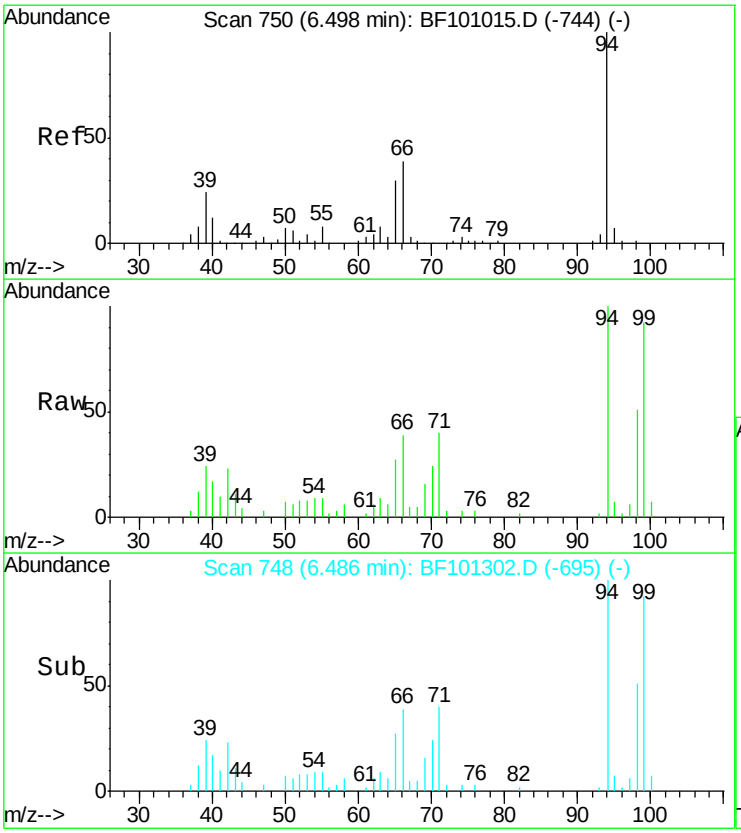
#7
Phenol-d6
Concen: 136.917 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.01 min
Lab File: BF101302.D
Acq: 11 Dec 2017 20:56

Instrument :
BNA_F
ClientSampleId :
EPE-108-5(5-10)

Tgt Ion: 99 Resp: 467271

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	36.0	25.4	38.0

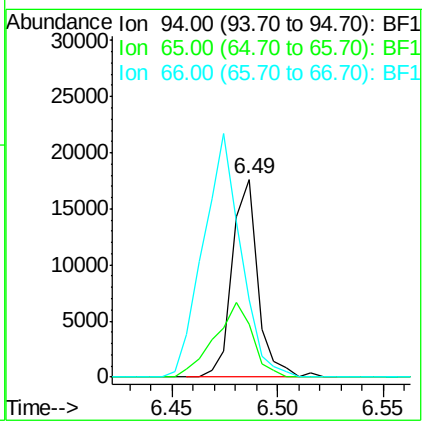


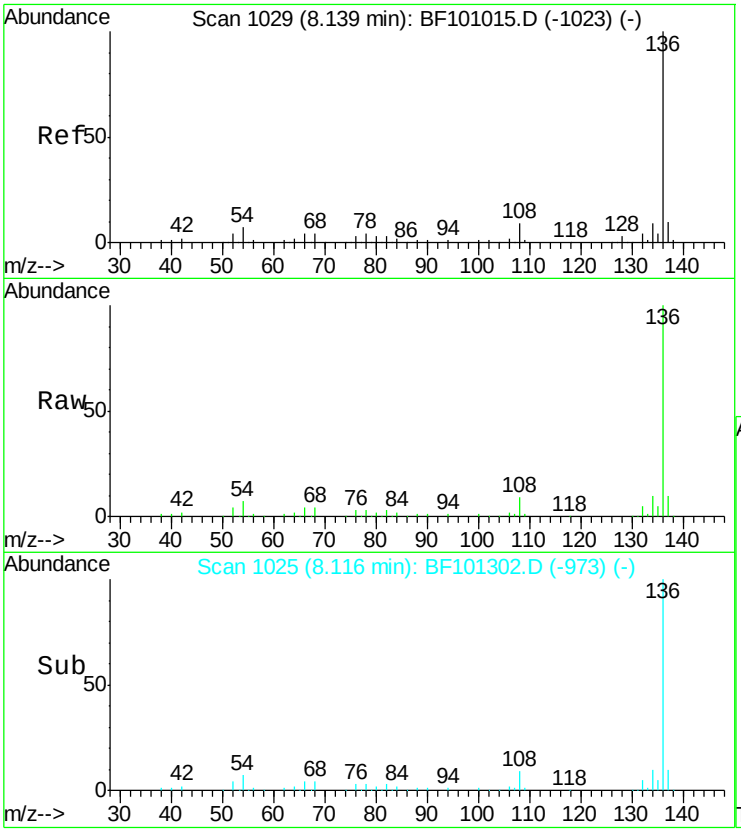


#10
Phenol
Concen: 3.862 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF101302.D
Acq: 11 Dec 2017 20:56

Tgt Ion: 94 Resp: 14654

Ion	Ratio	Lower	Upper
94	100		
65	26.8	7.9	47.9
66	39.1	16.2	56.2



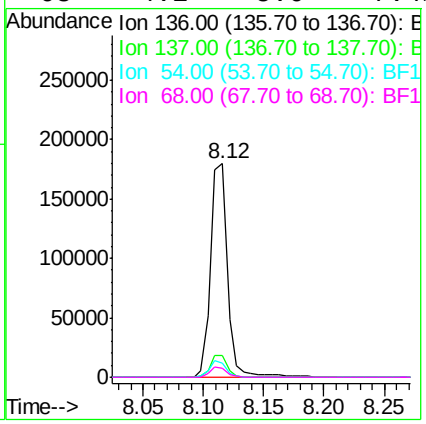


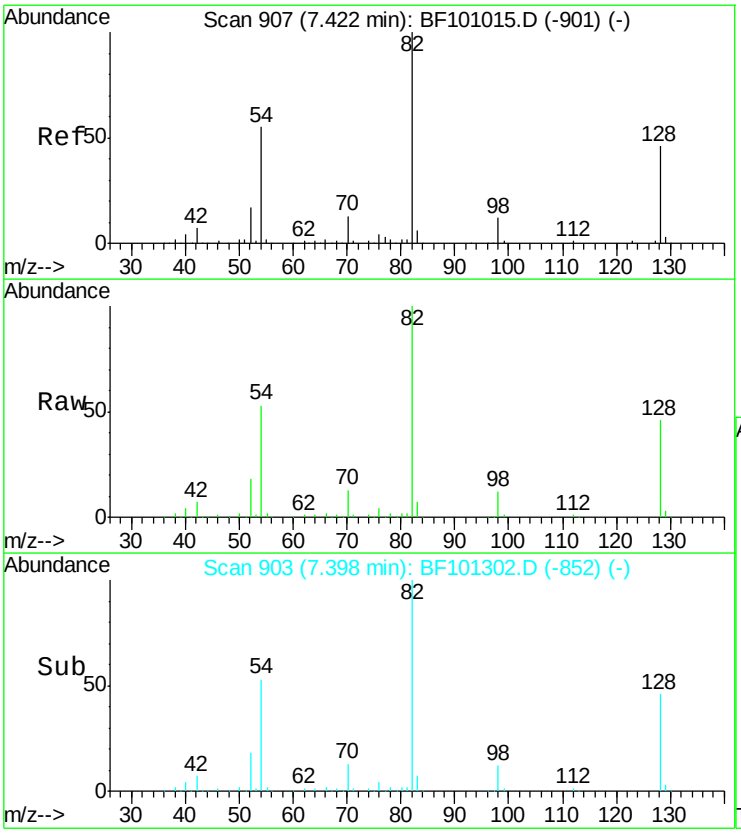
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF101302.D
Acq: 11 Dec 2017 20:56

Instrument :
BNA_F
ClientSampleId :
EPE-108-5(5-10)

Tgt Ion:136 Resp: 172920

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	6.8	6.6	9.8
68	4.2	5.0	7.4#

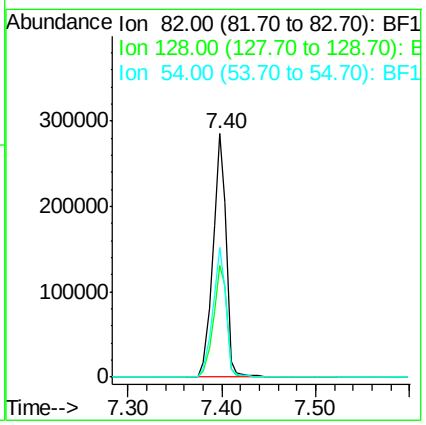


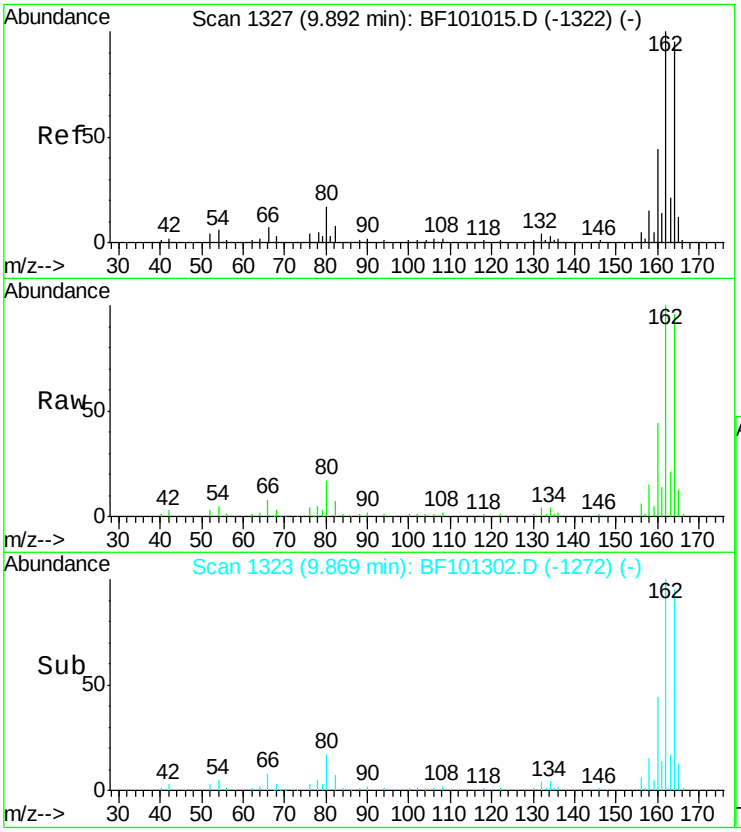


#23
Nitrobenzene-d5
Concen: 97.935 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF101302.D
Acq: 11 Dec 2017 20:56

Tgt Ion: 82 Resp: 283891

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	53.3	41.4	62.2



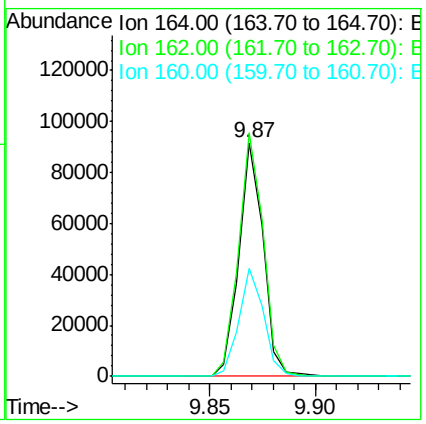


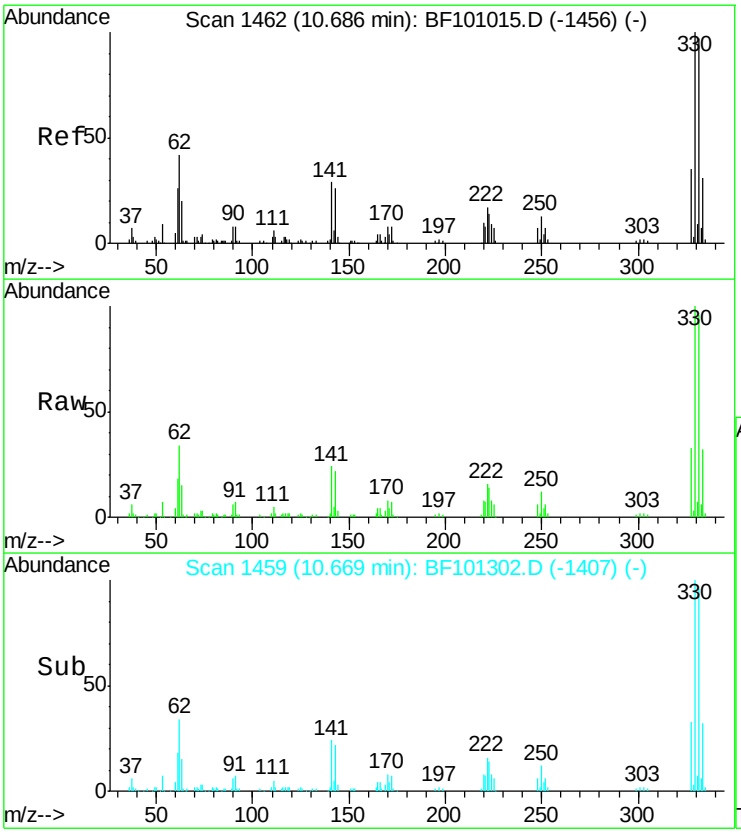
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF101302.D
Acq: 11 Dec 2017 20:56

Instrument :
BNA_F
ClientSampleId :
EPE-108-5(5-10)

Tgt Ion:164 Resp: 72475

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	46.2	38.3	57.5

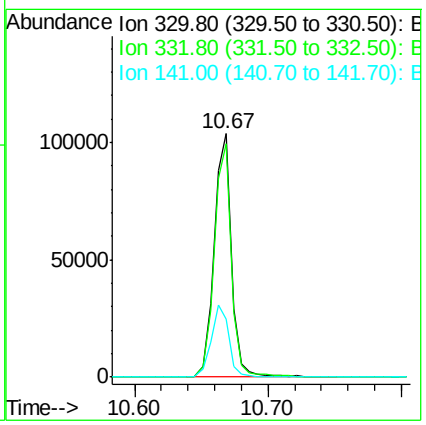


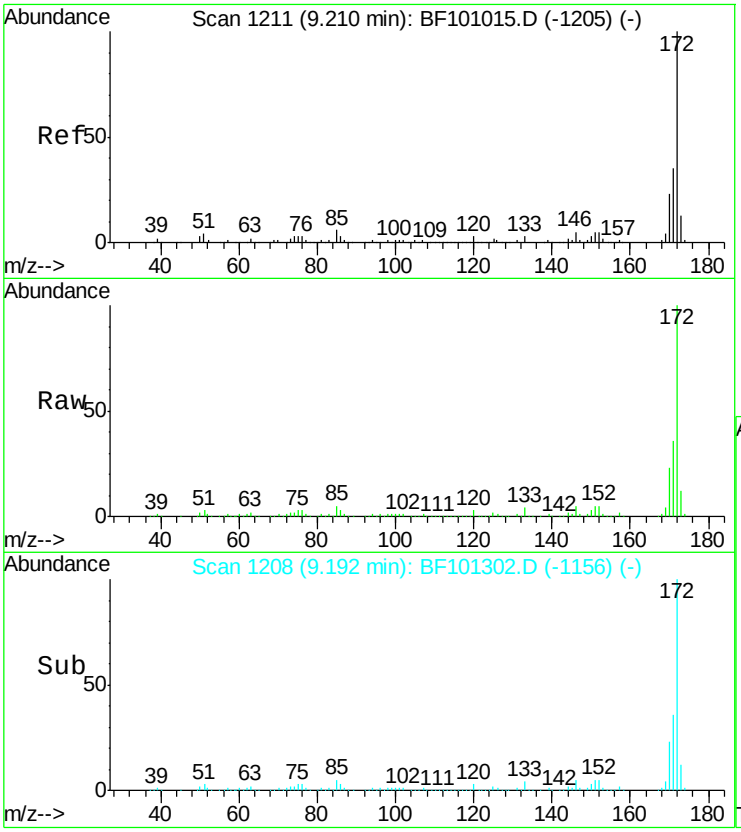


#41
2,4,6-Tribromophenol
Concen: 109.324 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BF101302.D
Acq: 11 Dec 2017 20:56

Tgt Ion:330 Resp: 95181

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	30.1	29.9	44.9



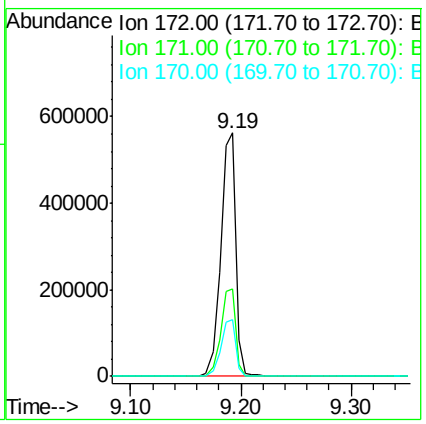


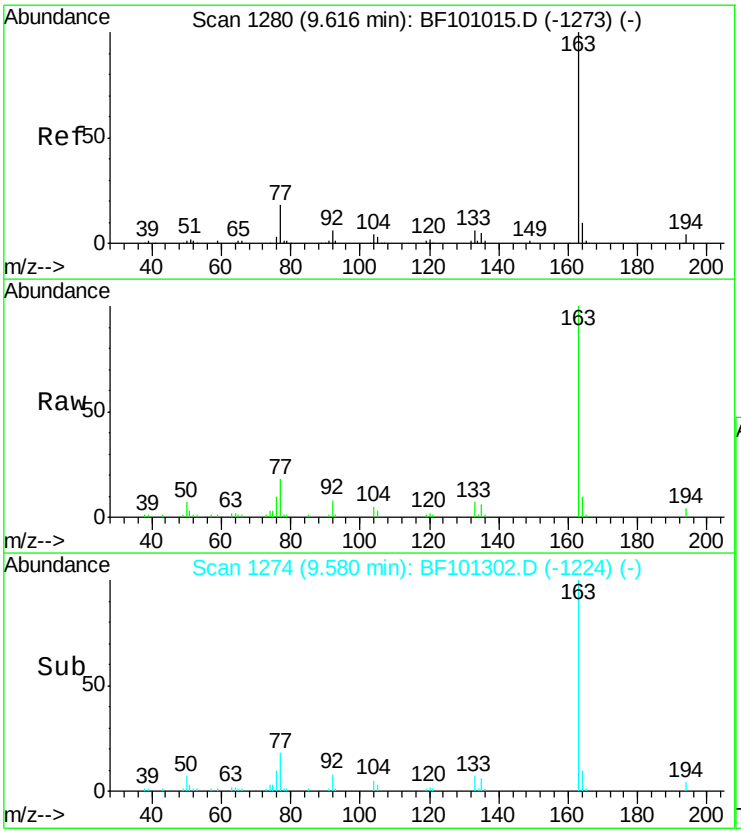
#44
2-Fluorobiphenyl
Concen: 100.105 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF101302.D
Acq: 11 Dec 2017 20:56

Instrument :
BNA_F
ClientSampleId :
EPE-108-5(5-10)

Tgt Ion:172 Resp: 530265

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.1	19.6	29.4

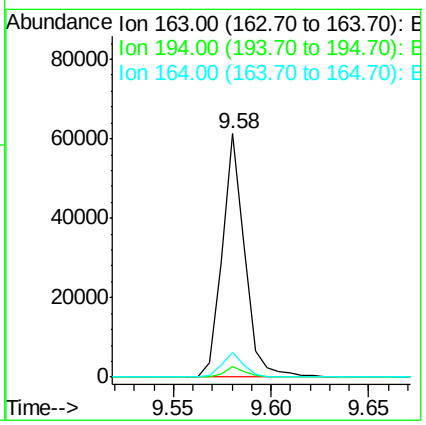


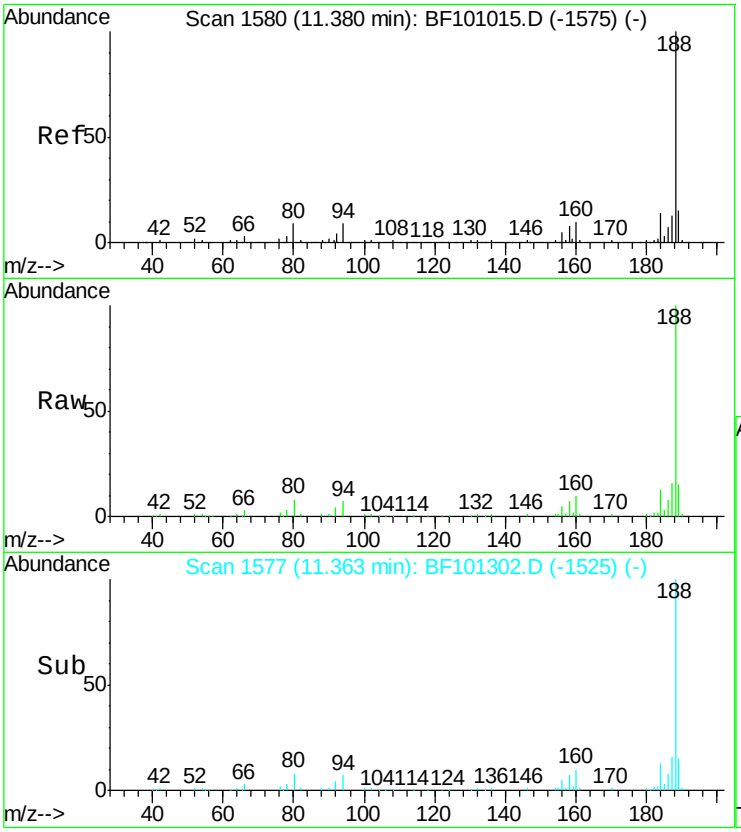


#49
Dimethylphthalate
Concen: 8.361 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101302.D
Acq: 11 Dec 2017 20:56

Tgt Ion:163 Resp: 48869

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



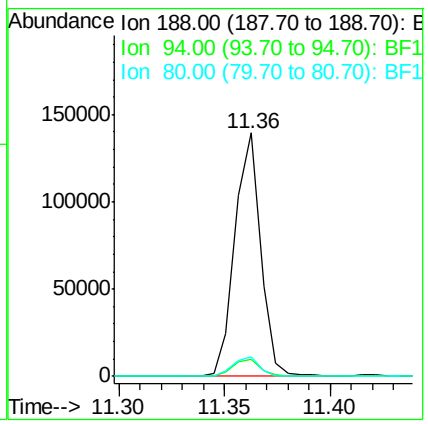


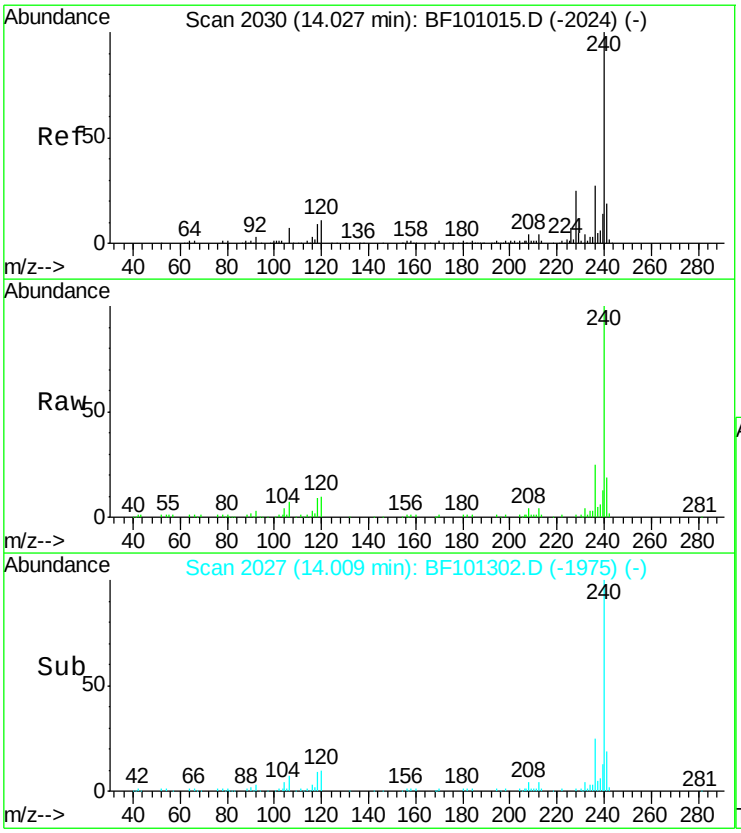
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF101302.D
Acq: 11 Dec 2017 20:56

Instrument :
BNA_F
ClientSampleId :
EPE-108-5(5-10)

Tgt Ion:188 Resp: 117372

Ion	Ratio	Lower	Upper
188	100		
94	6.8	8.5	12.7#
80	8.1	9.2	13.8#

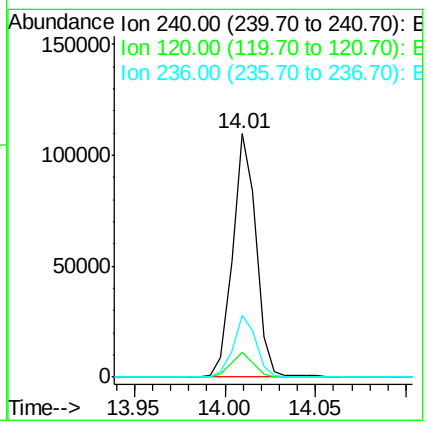


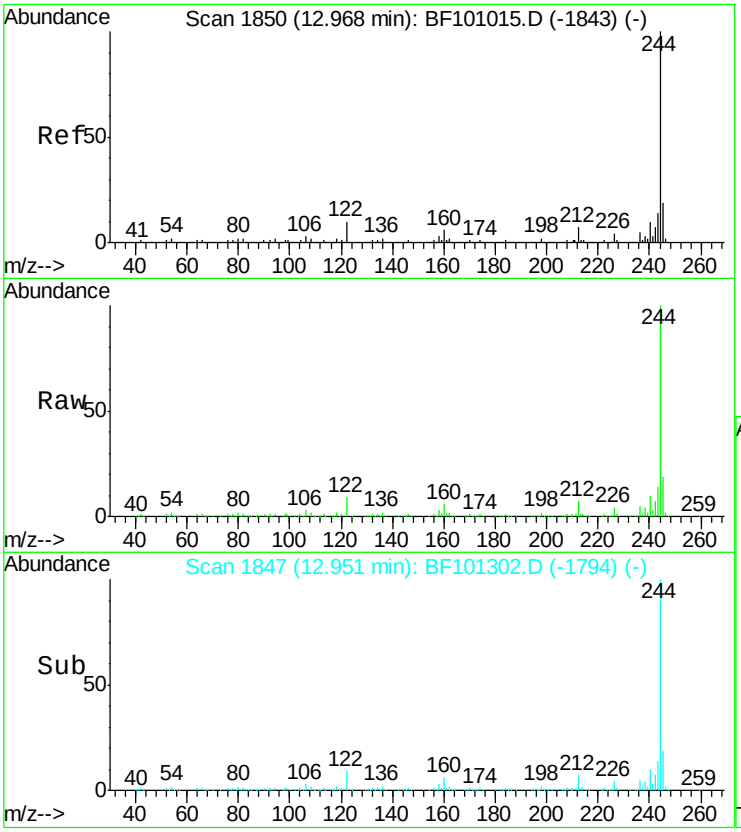


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101302.D
Acq: 11 Dec 2017 20:56

Tgt Ion:240 Resp: 98270

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	25.2	20.7	31.1



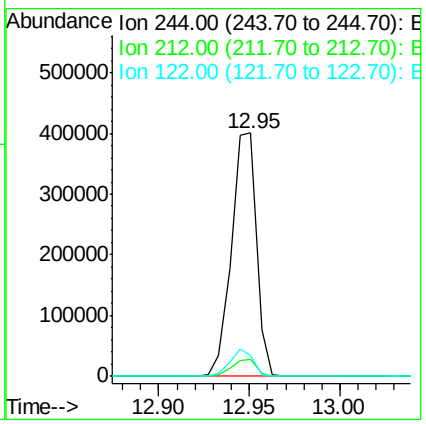


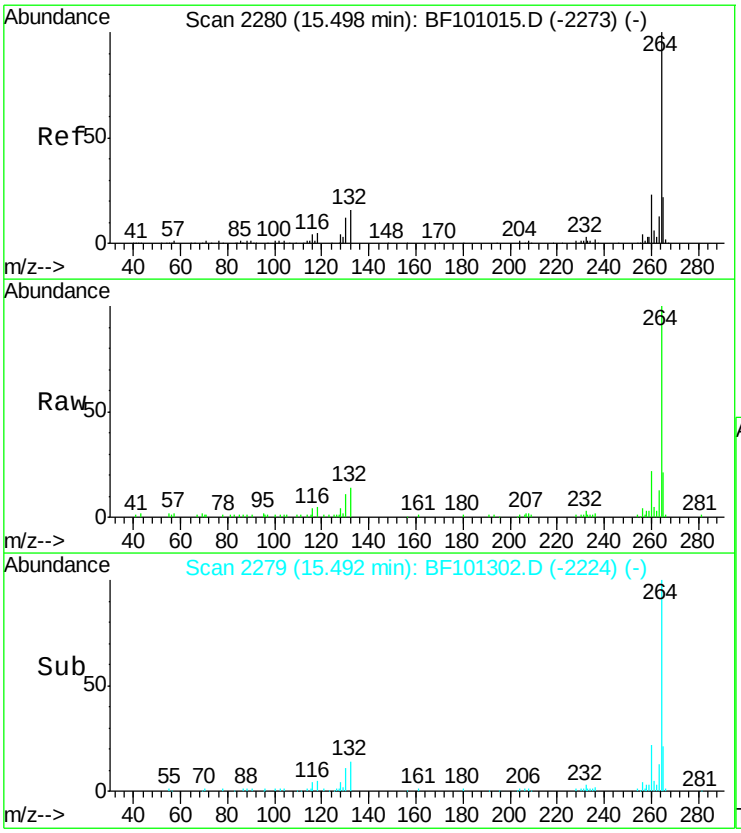
#78
Terphenyl-d14
Concen: 86.096 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.01 min
Lab File: BF101302.D
Acq: 11 Dec 2017 20:56

Instrument :
BNA_F
ClientSampleId :
EPE-108-5(5-10)

Tgt Ion:244 Resp: 386817

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	8.7	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: BF101302.D
Acq: 11 Dec 2017 20:56

Tgt Ion:264 Resp: 83417

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	20.6	17.5	26.3