Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098460.D
Acq On : 12 Sep 2017 19:51
Operator : SJ/JU
Sample : I5184-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-090817

Quant Time: Sep 13 01:56:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	209113	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	834256	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	329268	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	529896	20.00	ng	-0.01
75) Chrysene-d12	13.81	240	395734	20.00	ng	0.00
86) Perylene-d12	15.22	264	284014	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1193309	84.37	ng	0.00
7) Phenol-d6	6.32	99	1445018	80.47	ng	0.00
23) Nitrobenzene-d5	7.23	82	862932	57.67	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	193318	87.97	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1259841	64.85	ng	-0.01
78) Terphenyl-d14	12.76	244	853421	46.55	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.32	94	53846	2.582	ng	85
49) Dimethylphthalate	9.42	163	157842	6.193	ng	99

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

Quantitation Report (LSC Reviewed)

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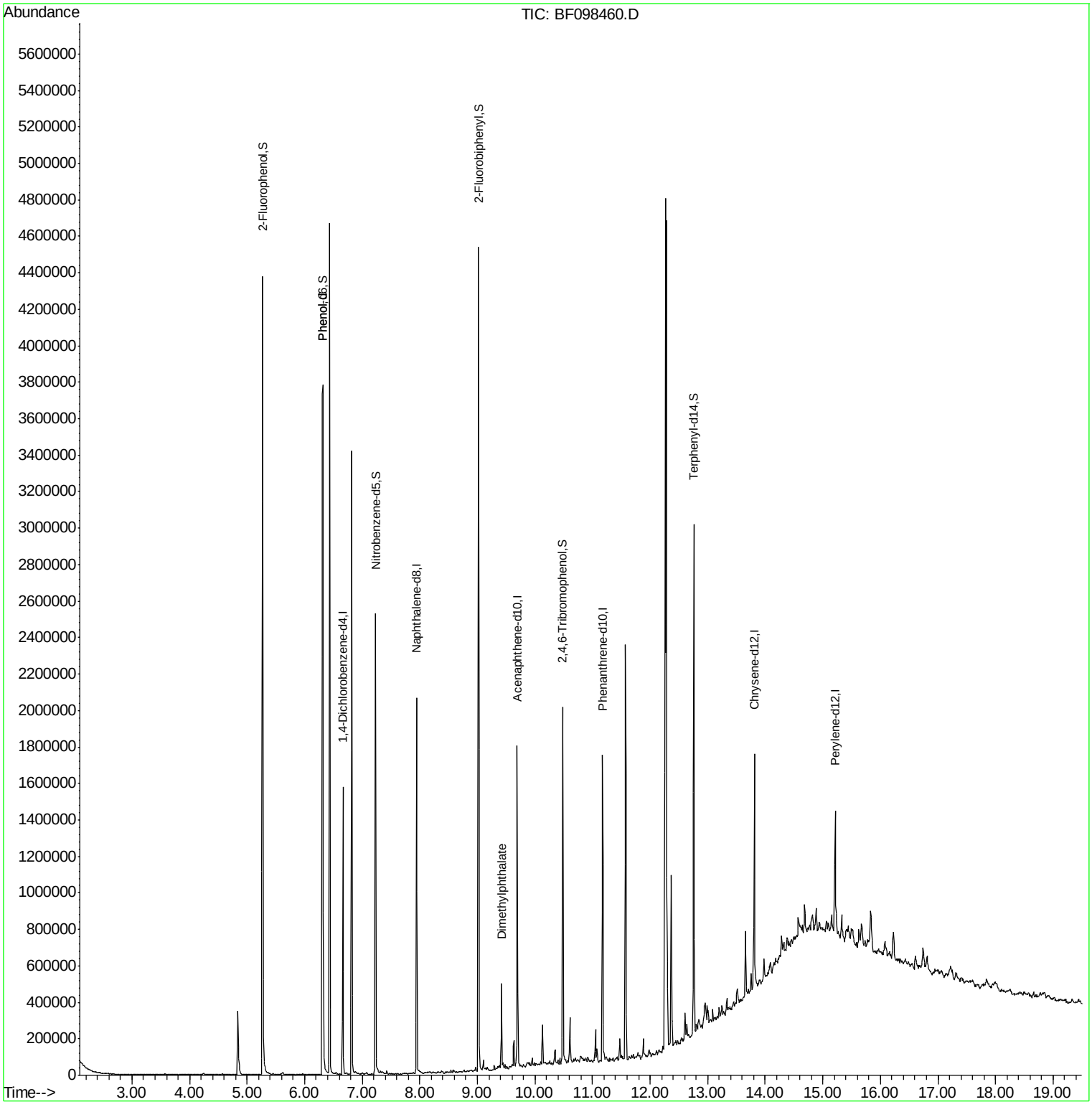
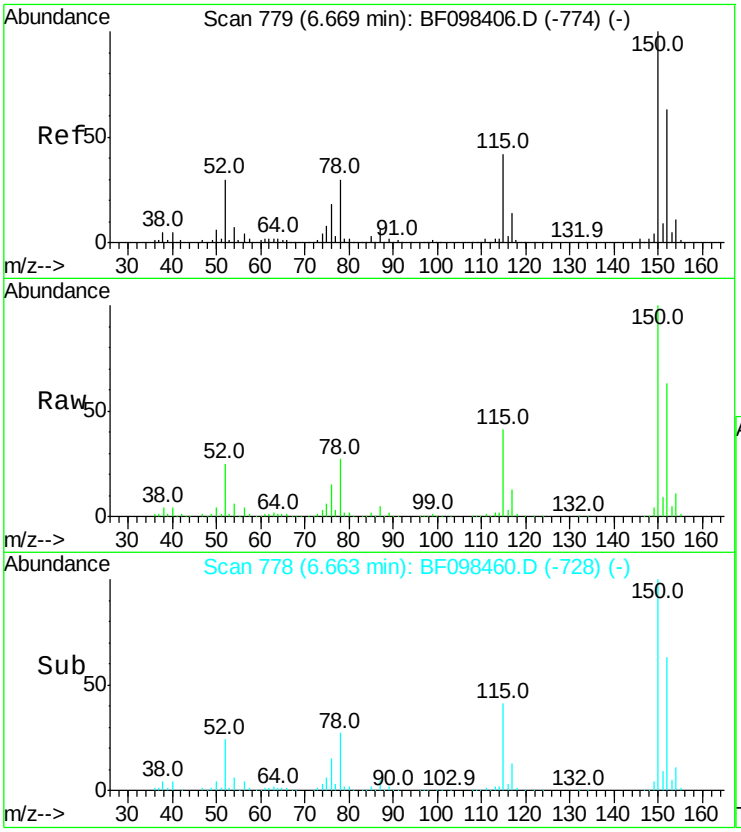


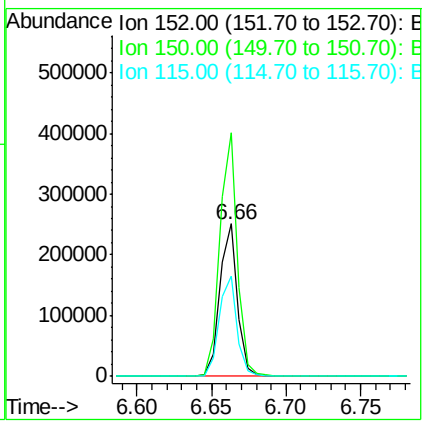


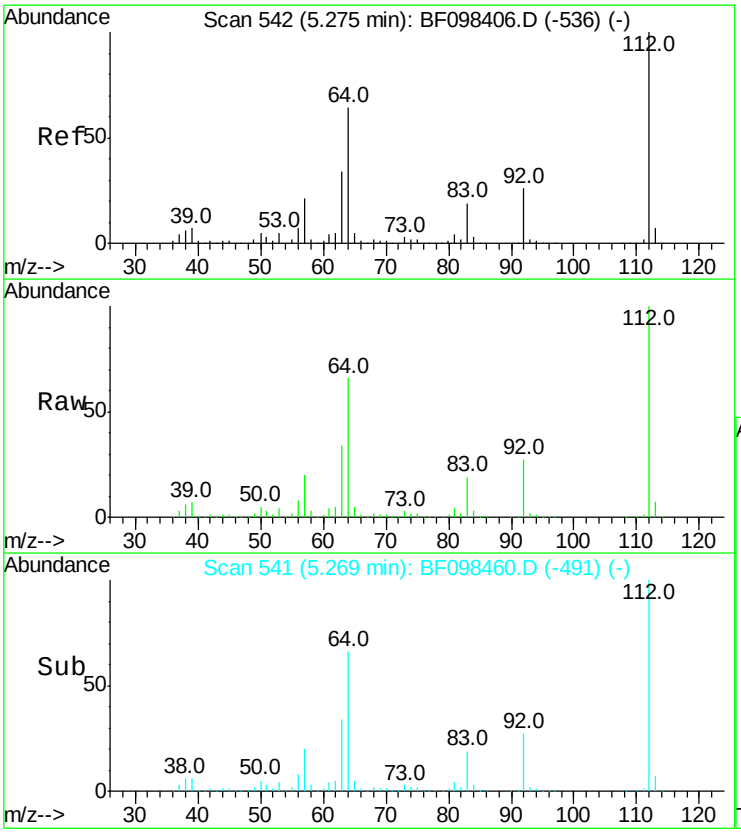
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF098460.D
Acq: 12 Sep 2017 19:51

Instrument :
BNA_F
ClientSampleId :
OK-02-090817

Tgt Ion:152 Resp: 209113

Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.2	189.2
115	65.7	52.2	78.2

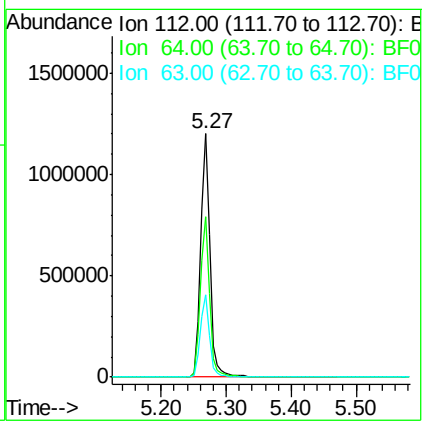


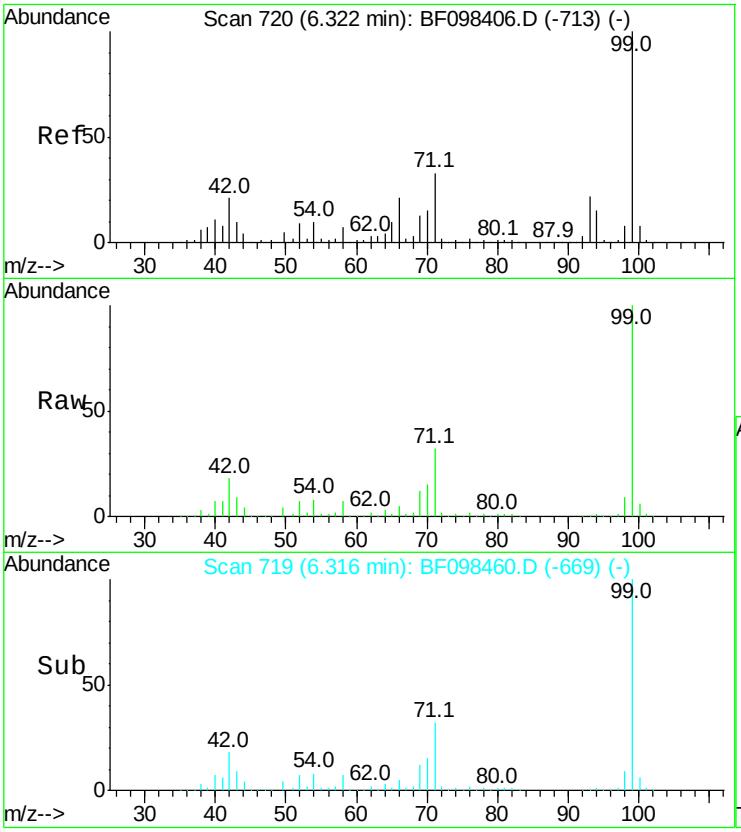


#5
2-Fluorophenol
Concen: 84.372 ng
RT: 5.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF098460.D
Acq: 12 Sep 2017 19:51

Tgt Ion:112 Resp: 1193309

Ion	Ratio	Lower	Upper
112	100		
64	66.0	46.0	69.0
63	33.9	23.4	35.0



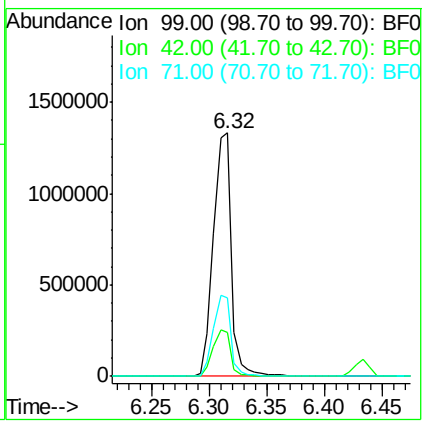


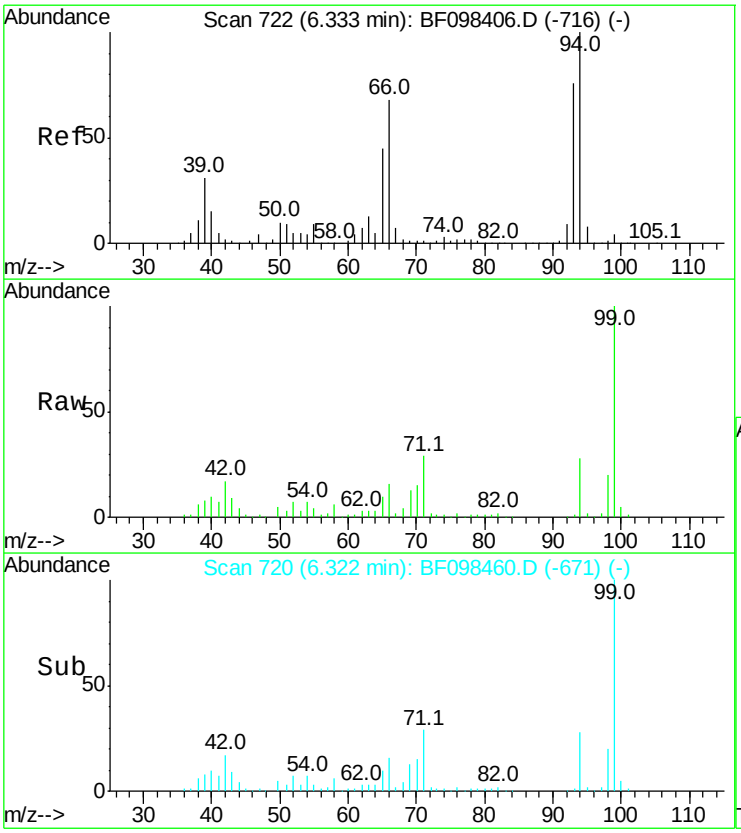
#7
Phenol-d6
Concen: 80.470 ng
RT: 6.32 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF098460.D
Acq: 12 Sep 2017 19:51

Instrument :
BNA_F
ClientSampleId :
OK-02-090817

Tgt Ion: 99 Resp: 1445018

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.5	20.3
71	32.5	24.5	36.7

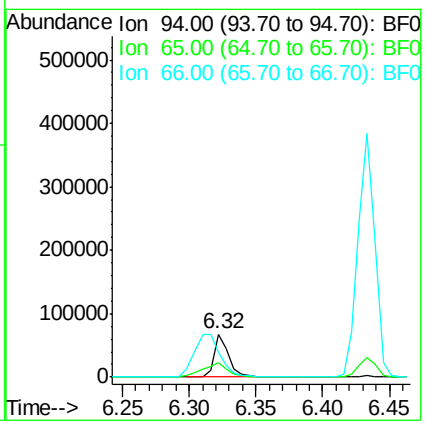


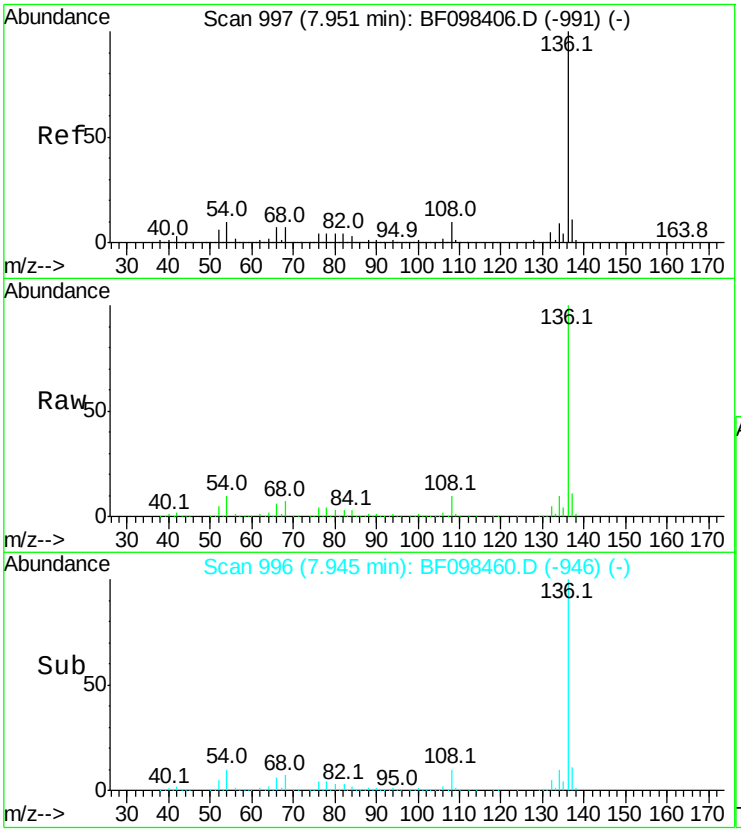


#10
Phenol
Concen: 2.582 ng
RT: 6.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF098460.D
Acq: 12 Sep 2017 19:51

Tgt Ion: 94 Resp: 53846

Ion	Ratio	Lower	Upper
94	100		
65	33.9	9.9	49.9
66	56.1	23.1	63.1



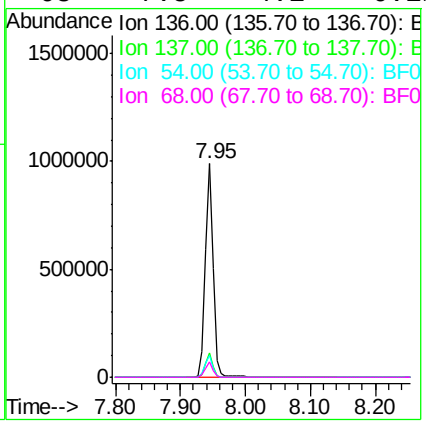


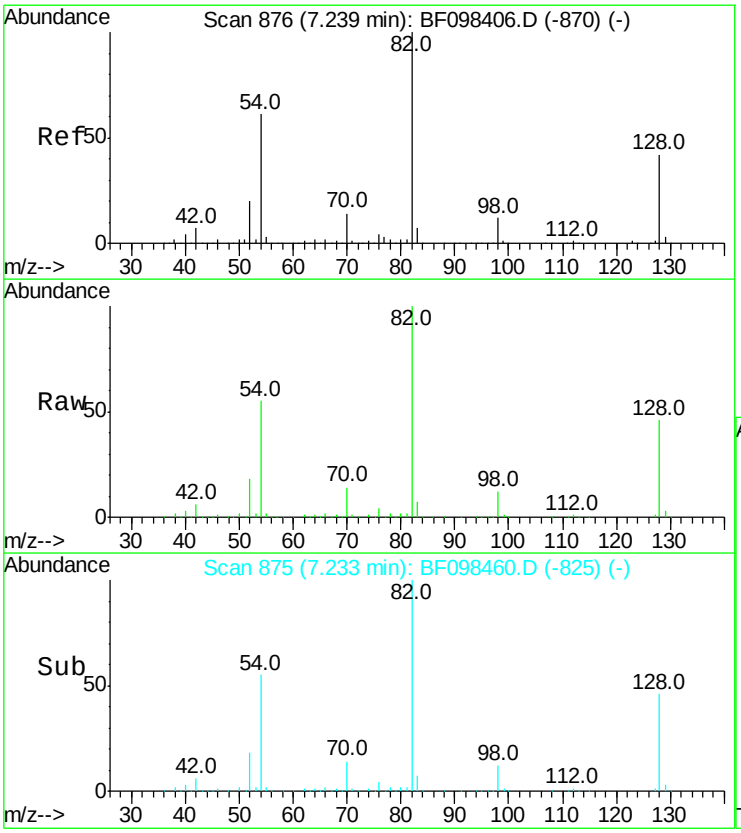
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF098460.D
Acq: 12 Sep 2017 19:51

Instrument :
BNA_F
ClientSampleId :
OK-02-090817

Tgt Ion:136 Resp: 834256

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.2	4.9	7.3#
68	7.5	4.1	6.1#

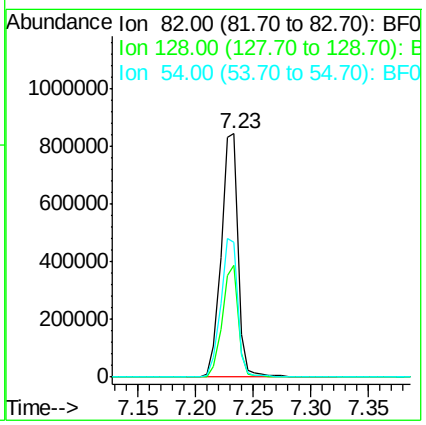


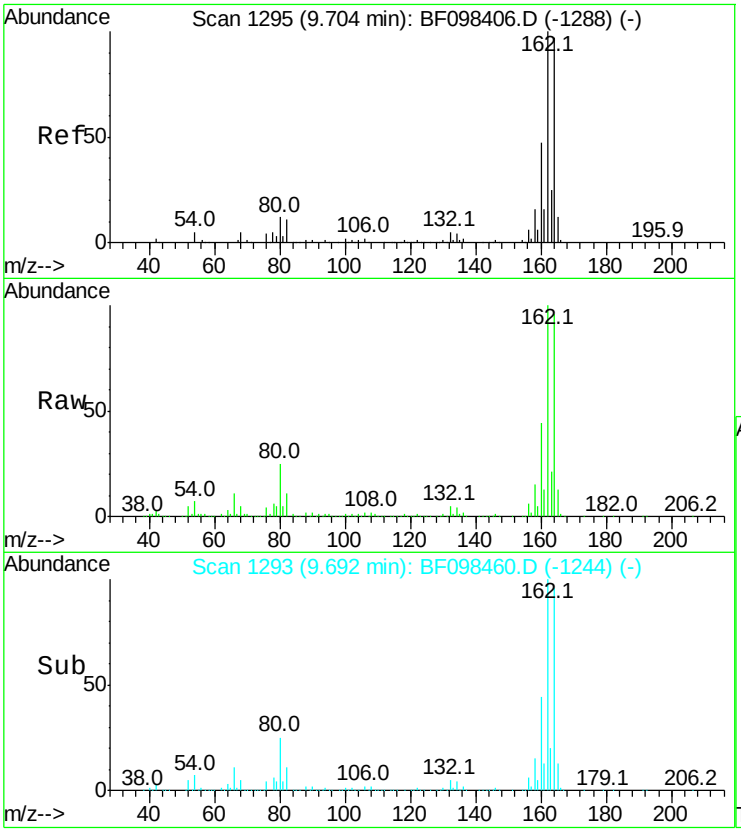


#23
Nitrobenzene-d5
Concen: 57.666 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF098460.D
Acq: 12 Sep 2017 19:51

Tgt Ion: 82 Resp: 862932

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	55.4	42.2	63.2



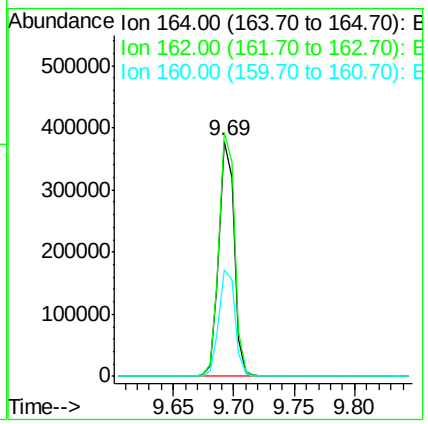


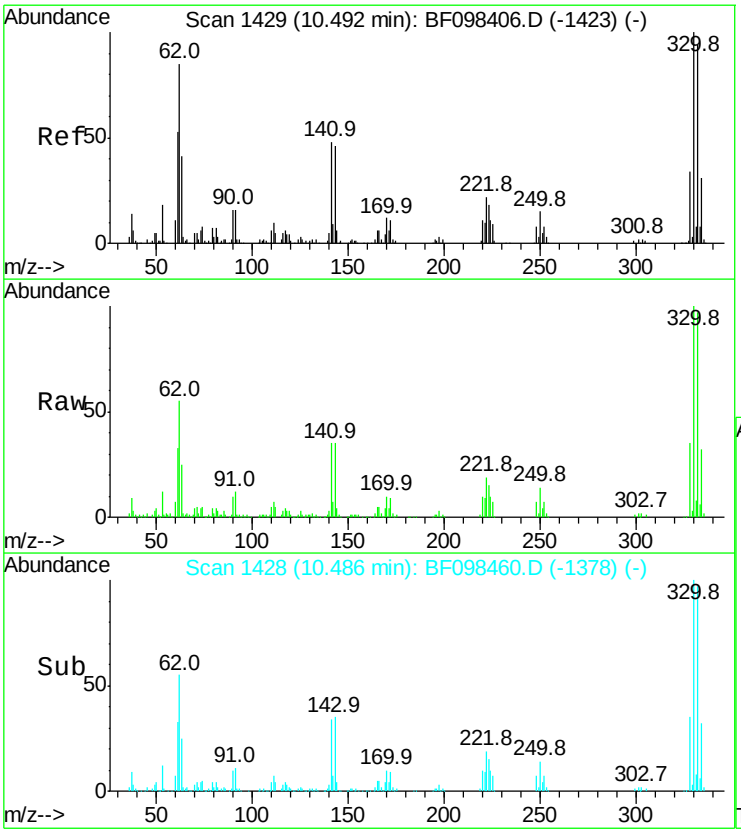
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF098460.D
Acq: 12 Sep 2017 19:51

Instrument :
BNA_F
ClientSampleId :
OK-02-090817

Tgt Ion:164 Resp: 329268

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	45.6	36.2	54.2

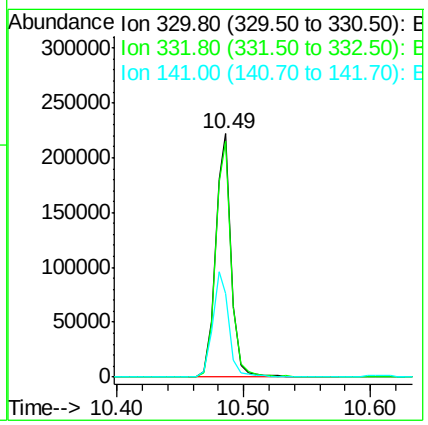


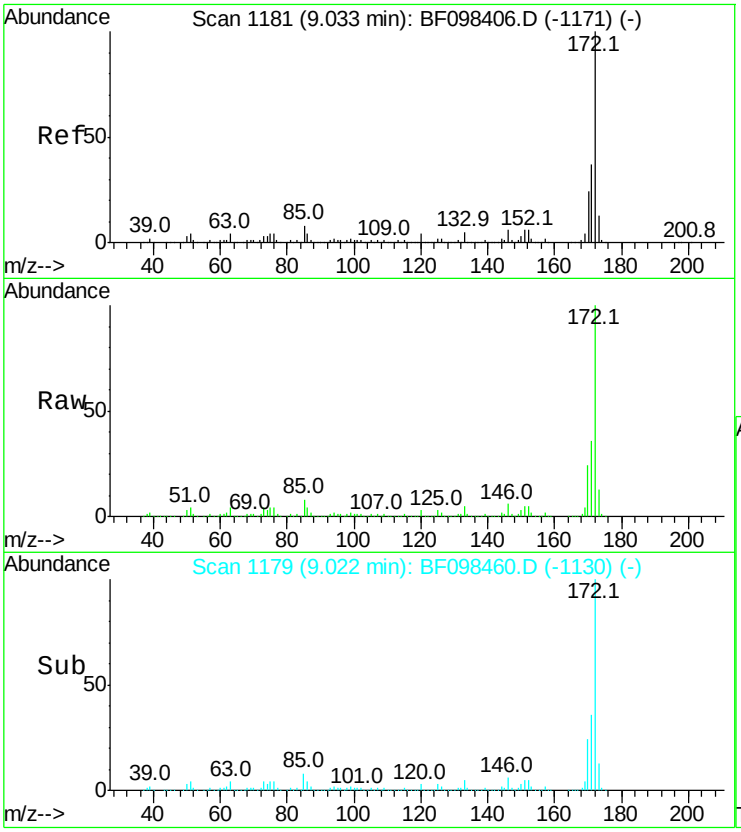


#41
2,4,6-Tribromophenol
Concen: 87.968 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF098460.D
Acq: 12 Sep 2017 19:51

Tgt Ion:330 Resp: 193318

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	44.6	31.4	47.2



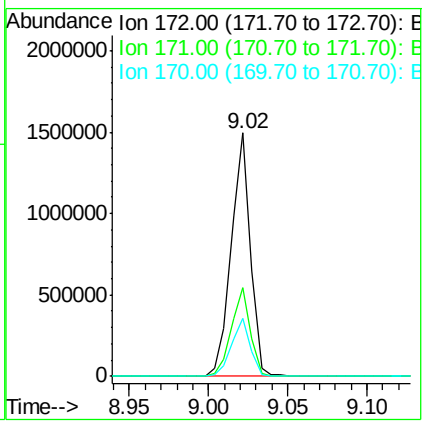


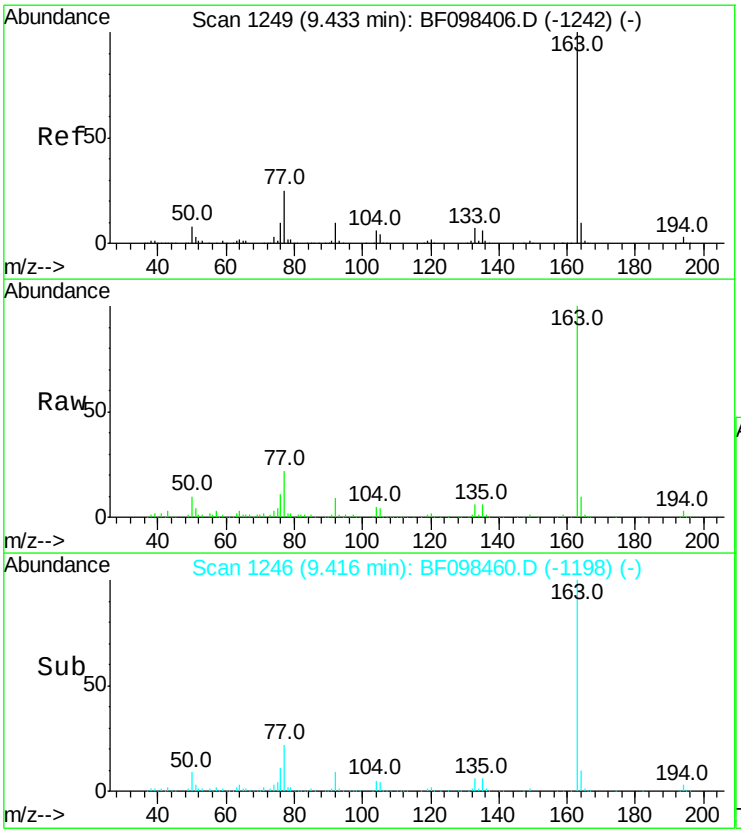
#44
2-Fluorobiphenyl
Concen: 64.851 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF098460.D
Acq: 12 Sep 2017 19:51

Instrument :
BNA_F
ClientSampleId :
OK-02-090817

Tgt Ion:172 Resp: 1259841

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.0	19.8	29.8

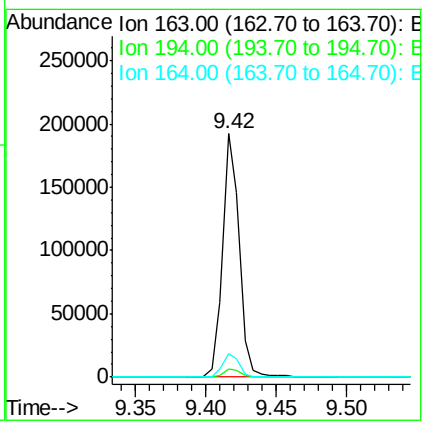


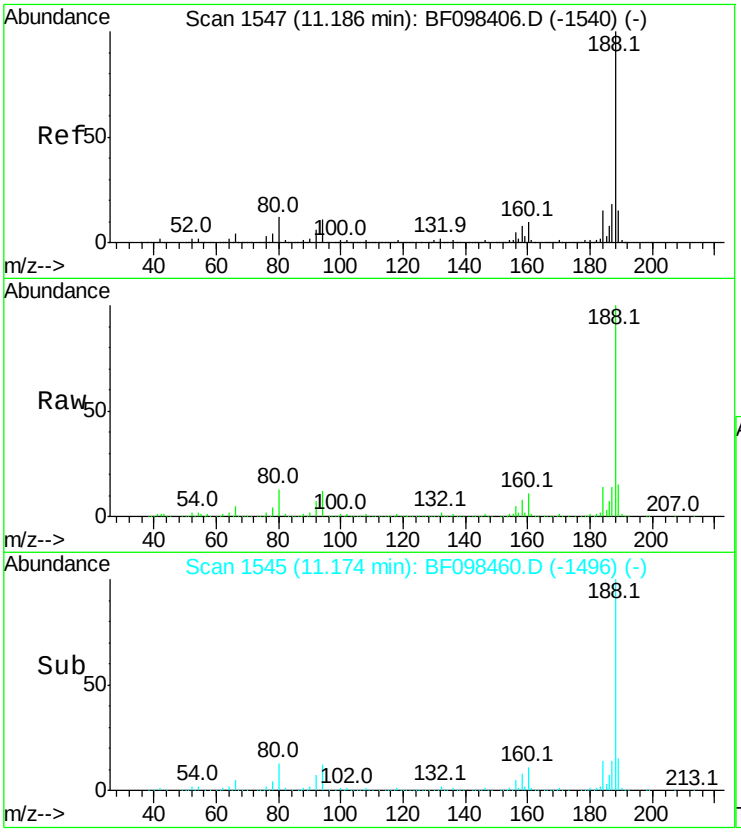


#49
Dimethylphthalate
Concen: 6.193 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF098460.D
Acq: 12 Sep 2017 19:51

Tgt Ion:163 Resp: 157842

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.8	8.4	12.6



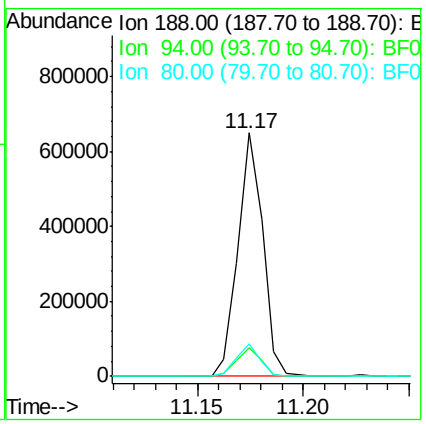


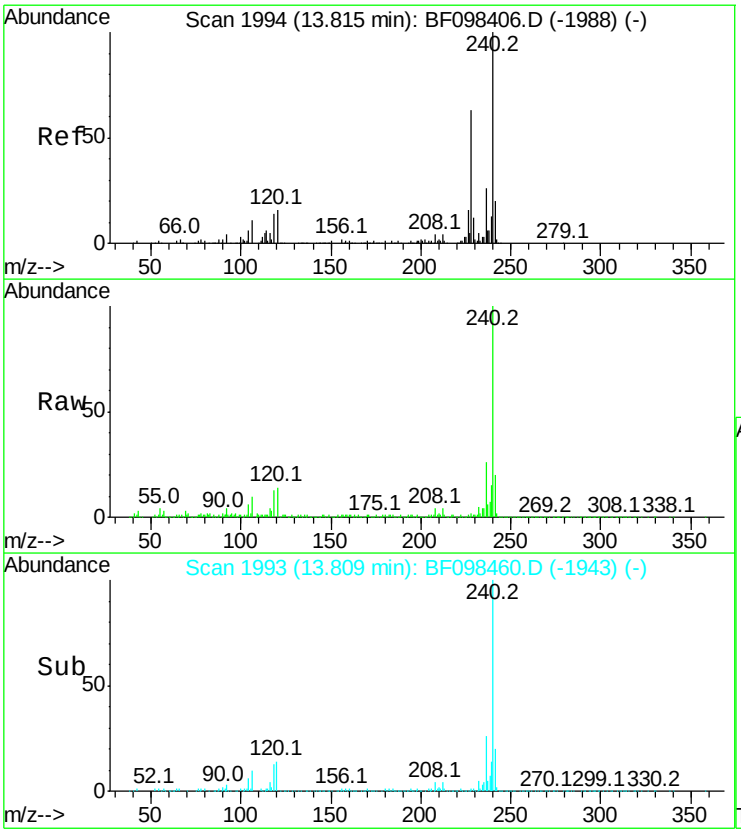
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF098460.D
Acq: 12 Sep 2017 19:51

Instrument :
BNA_F
ClientSampleId :
OK-02-090817

Tgt Ion:188 Resp: 529896

Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	13.3	10.2	15.2

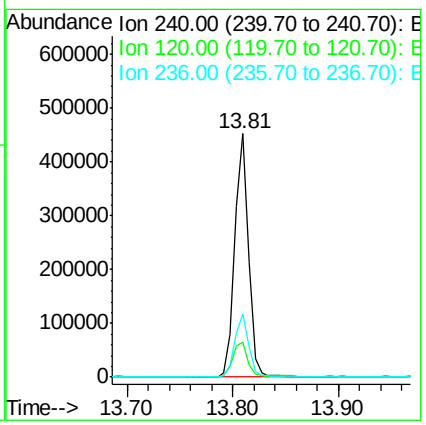


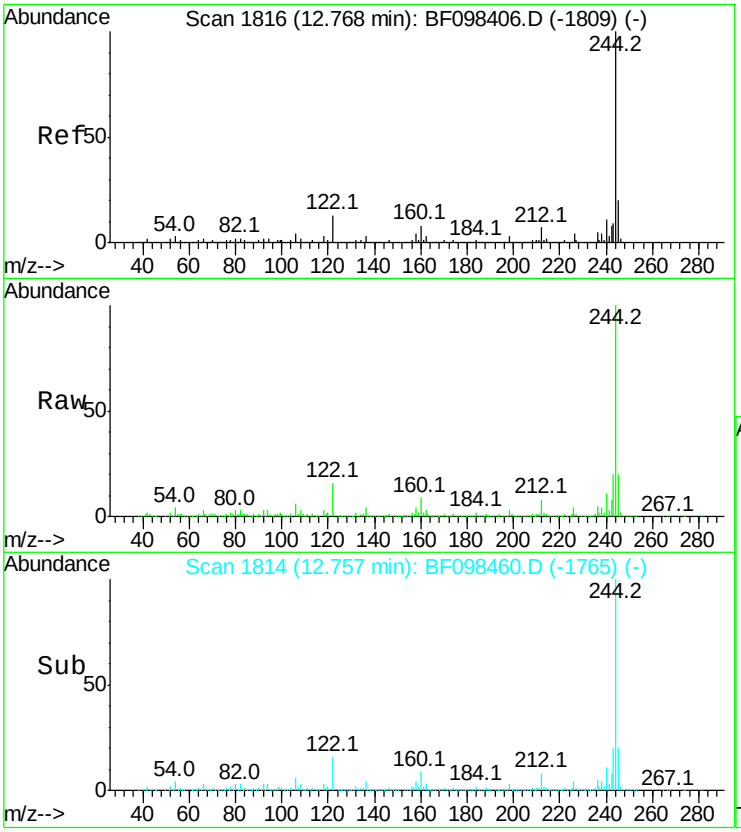


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF098460.D
Acq: 12 Sep 2017 19:51

Tgt Ion:240 Resp: 395734

Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	25.9	20.5	30.7



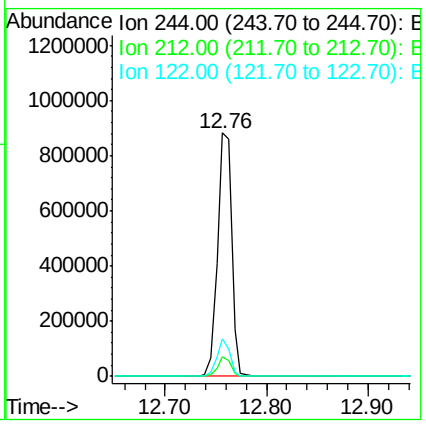


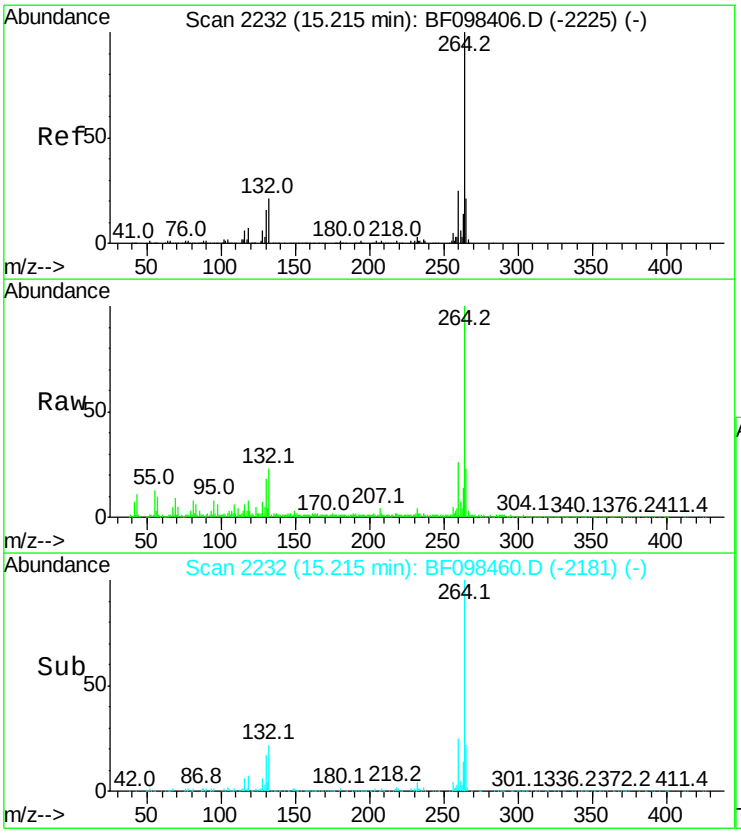
#78
Terphenyl-d14
Concen: 46.548 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF098460.D
Acq: 12 Sep 2017 19:51

Instrument :
BNA_F
ClientSampleId :
OK-02-090817

Tgt Ion:244 Resp: 853421

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	15.6	10.3	15.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF098460.D
Acq: 12 Sep 2017 19:51

Tgt Ion:264 Resp: 284014

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.5	29.3
265	23.0	17.2	25.8