Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
Data File : BF099044.D
Acq On : 3 Oct 2017 21:44
Operator : SJ/JU
Sample : I5531-05RE 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 04 00:41:03 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	120241	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	449335	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	164570	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	236354	20.00	ng	-0.05
75) Chrysene-d12	14.03	240	236114	20.00	ng	-0.05
86) Perylene-d12	15.51	264	252464	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	58742	7.78	ng	-0.06
7) Phenol-d6	6.49	99	217793	23.37	ng	-0.06
23) Nitrobenzene-d5	7.43	82	145069	20.70	ng	-0.06
41) 2,4,6-Tribromophenol	10.69	330	411	0.31	ng	-0.06
44) 2-Fluorobiphenyl	9.23	172	260743	26.45	ng	-0.05
78) Terphenyl-d14	12.97	244	170102	16.38	ng	-0.06
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	18584	3.12	ng	# 77
25) Isophorone	7.43	82	140816	9.72	ng	# 64
49) Dimethylphthalate	9.62	163	37696	3.03	ng	# 97

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

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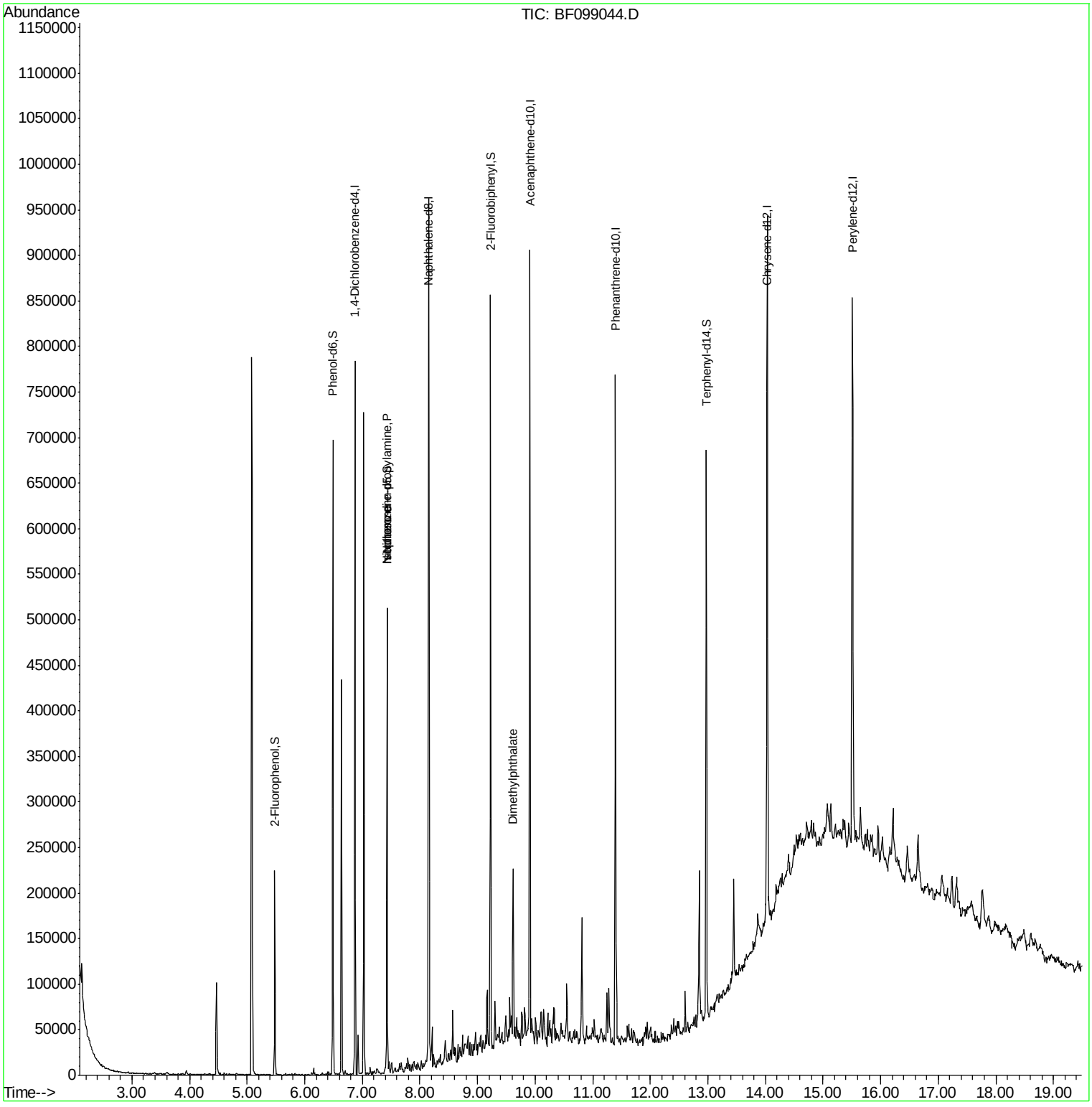
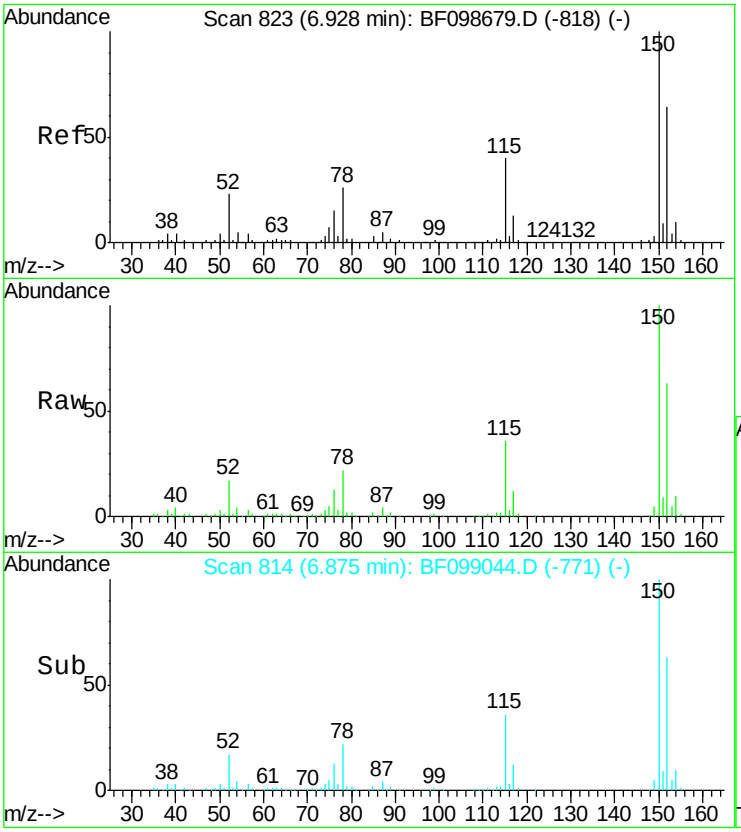


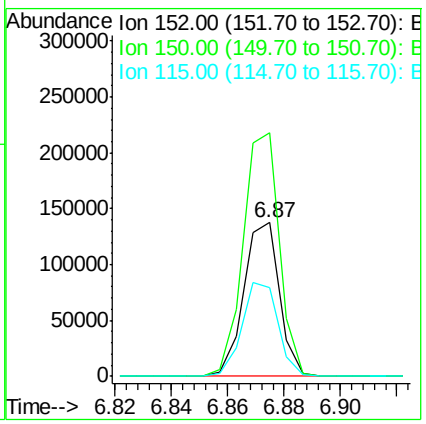


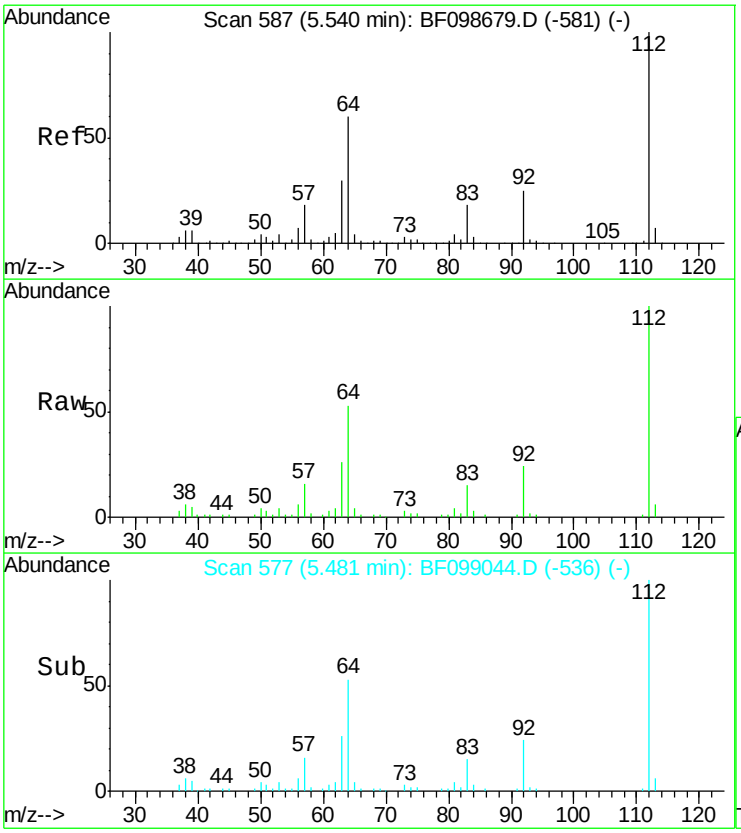
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.05 min
Lab File: BF099044.D
Acq: 3 Oct 2017 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 120241

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	57.8	50.1	75.1

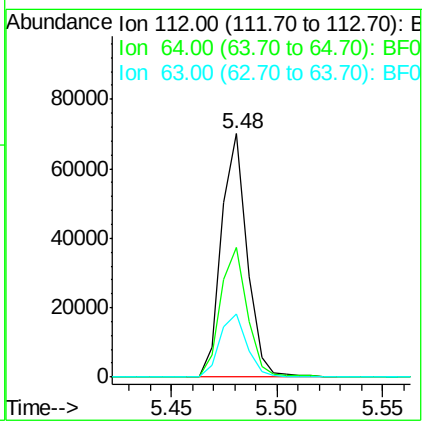


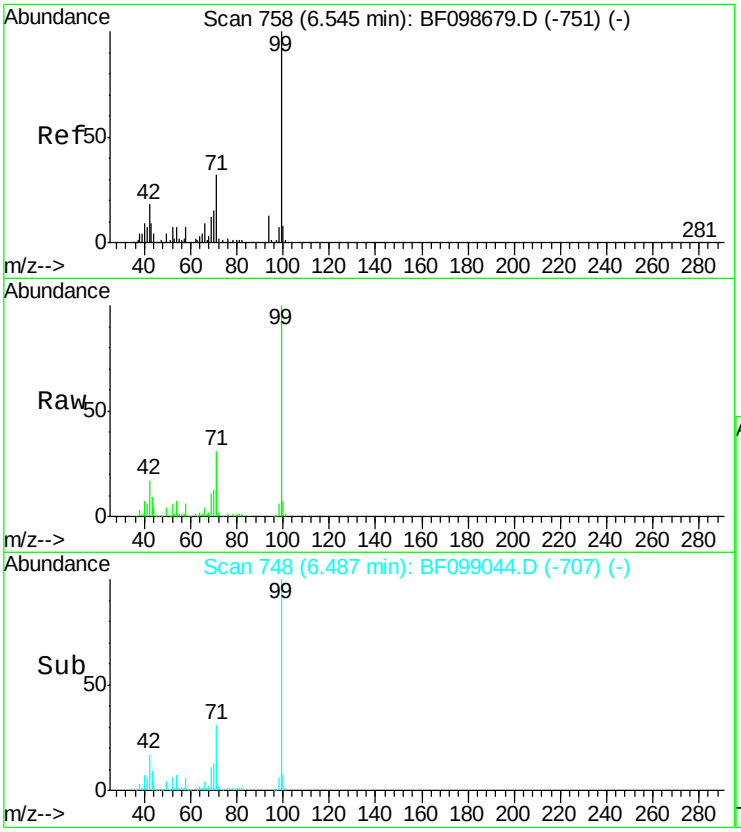


#5
2-Fluorophenol
Concen: 7.78 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.06 min
Lab File: BF099044.D
Acq: 3 Oct 2017 21:44

Tgt Ion:112 Resp: 58742

Ion	Ratio	Lower	Upper
112	100		
64	53.5	47.9	71.9
63	26.1	23.7	35.5



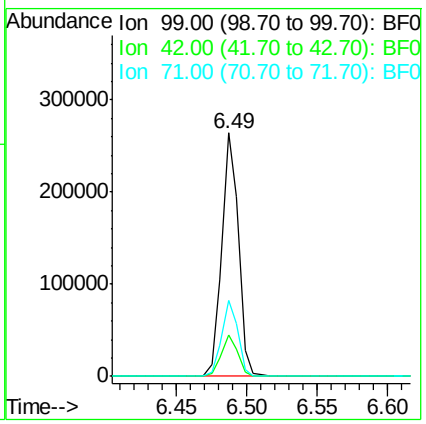


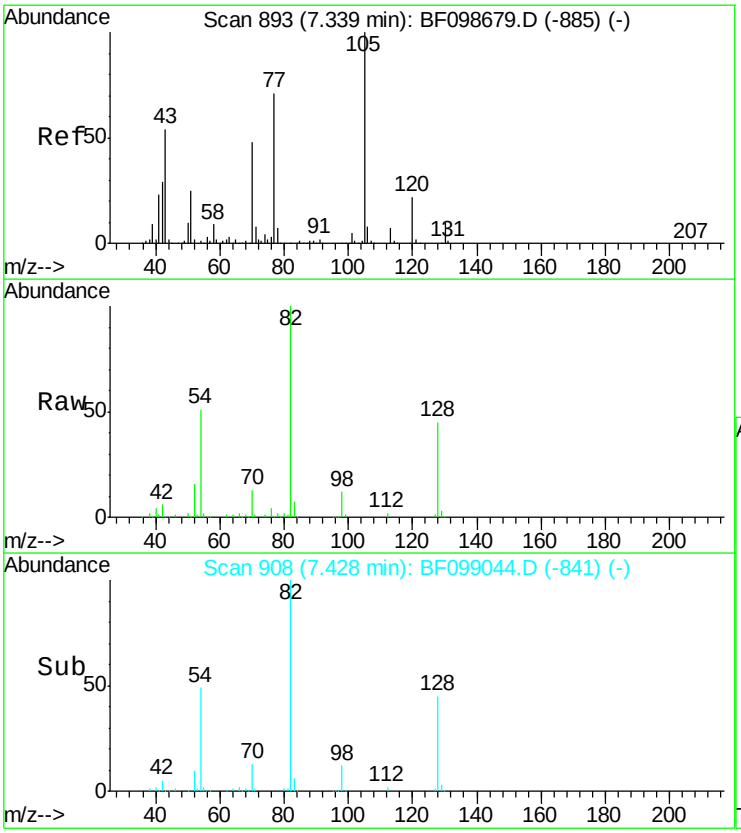
#7
Phenol-d6
Concen: 23.37 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.06 min
Lab File: BF099044.D
Acq: 3 Oct 2017 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 217793

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.5	21.7
71	31.1	25.4	38.0

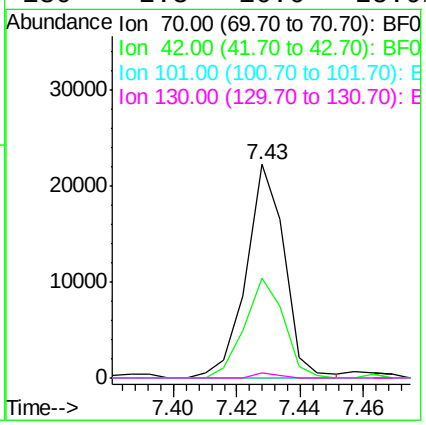


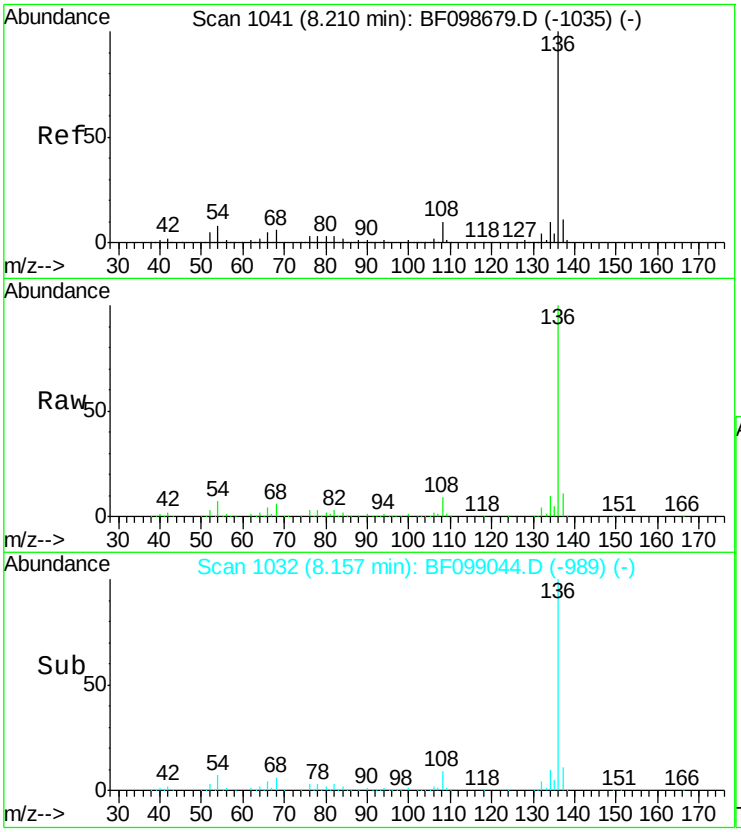


#19
n-Nitroso-di-n-propylamine
Concen: 3.12 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.09 min
Lab File: BF099044.D
Acq: 3 Oct 2017 21:44

Tgt Ion: 70 Resp: 18584

Ion	Ratio	Lower	Upper
70	100		
42	46.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



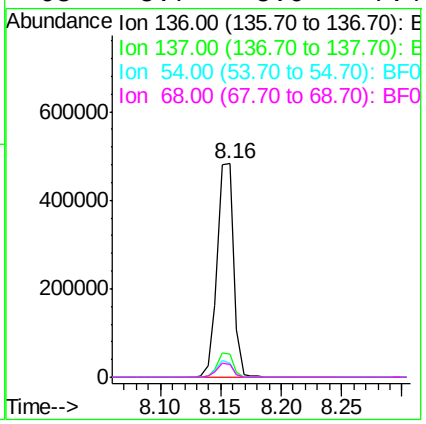


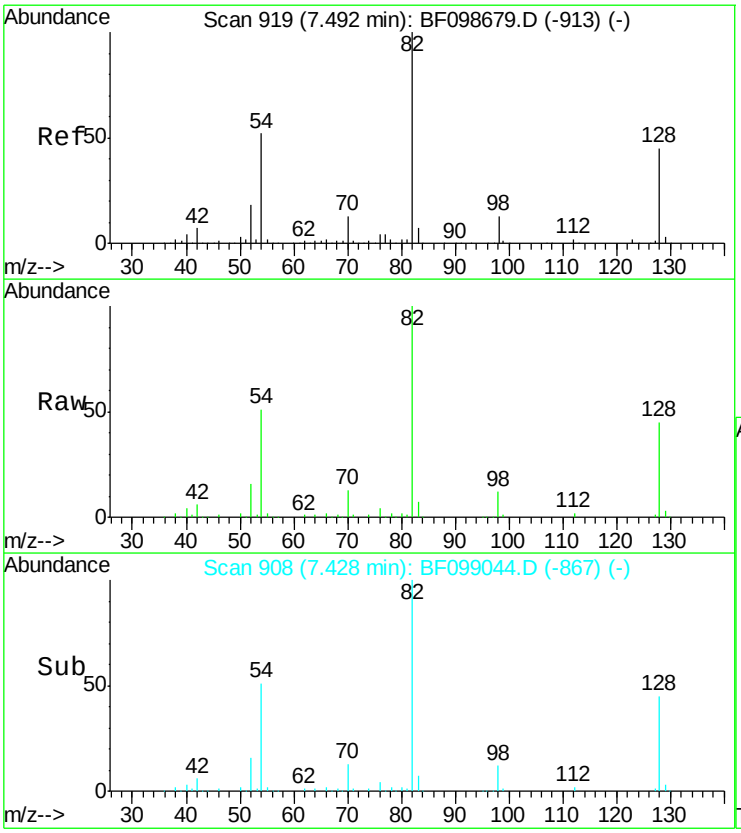
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF099044.D
Acq: 3 Oct 2017 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 449335

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.8	6.6	9.8
68	5.7	5.0	7.4

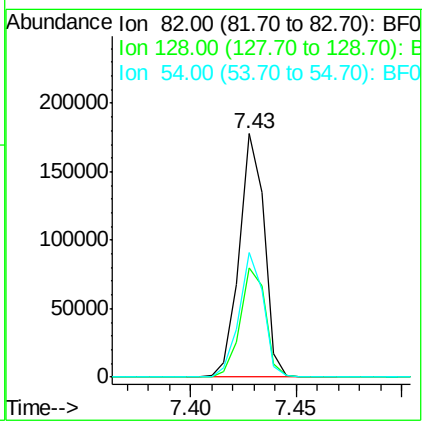


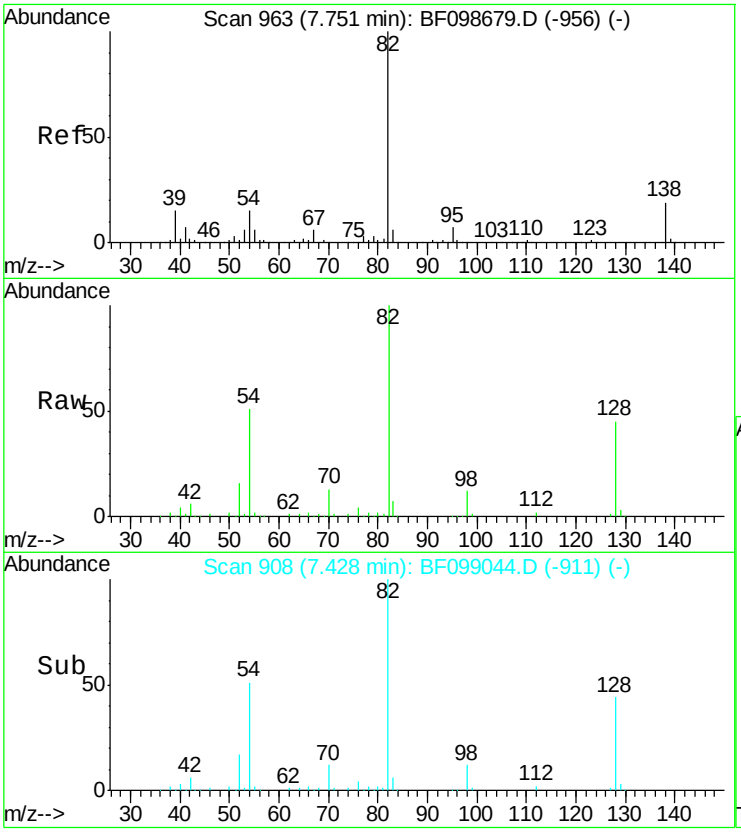


#23
Nitrobenzene-d5
Concen: 20.70 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.06 min
Lab File: BF099044.D
Acq: 3 Oct 2017 21:44

Tgt Ion: 82 Resp: 145069

Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	51.3	41.4	62.2



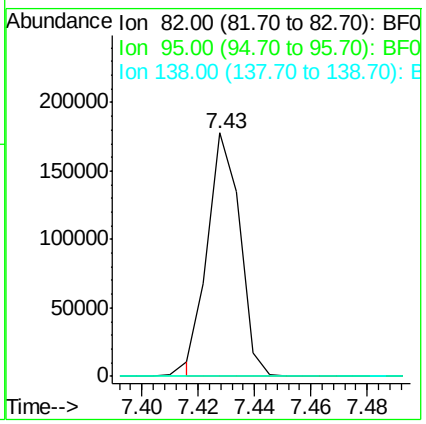


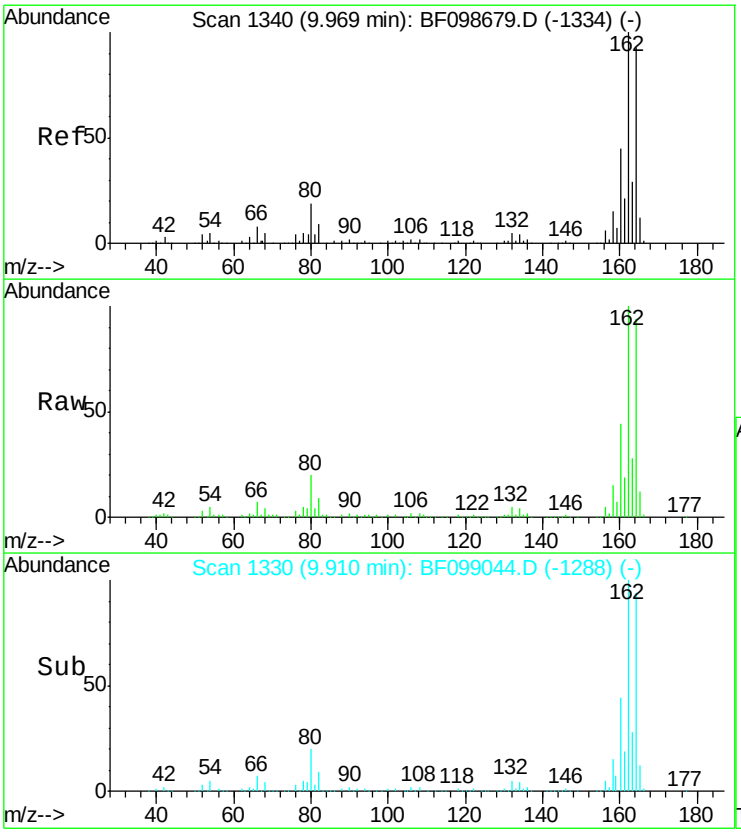
#25
Isophorone
Concen: 9.72 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.32 min
Lab File: BF099044.D
Acq: 3 Oct 2017 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 140816

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#

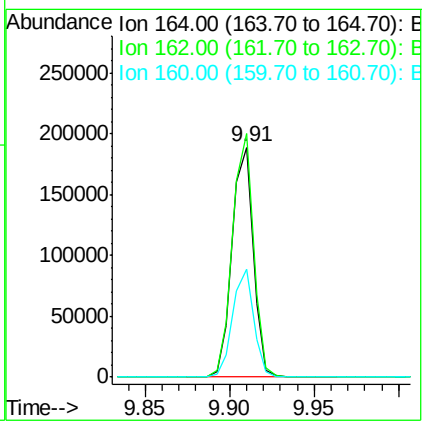


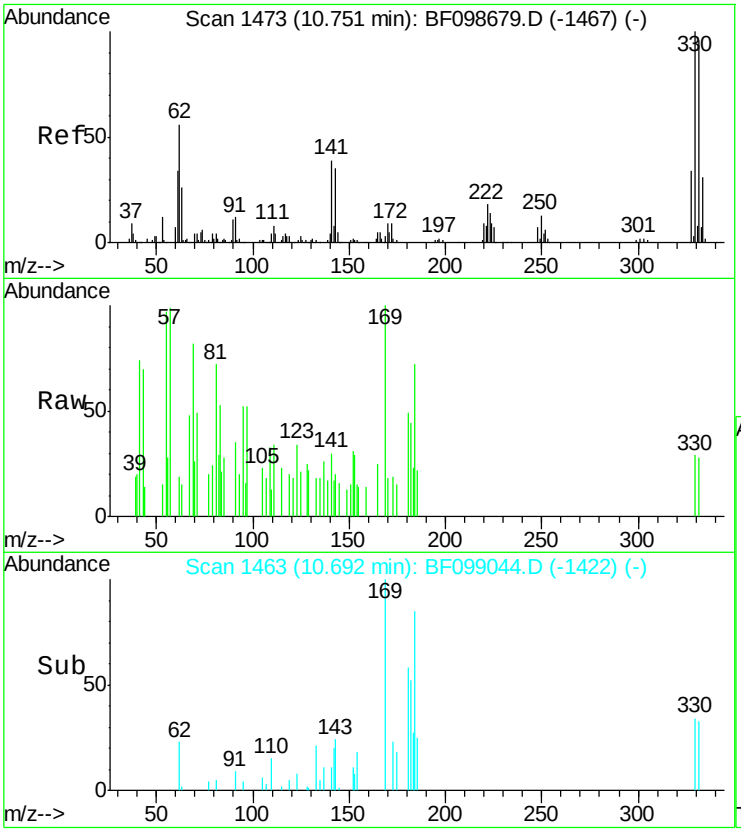


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.05 min
Lab File: BF099044.D
Acq: 3 Oct 2017 21:44

Tgt Ion:164 Resp: 164570

Ion	Ratio	Lower	Upper
164	100		
162	106.1	86.1	129.1
160	46.9	38.3	57.5



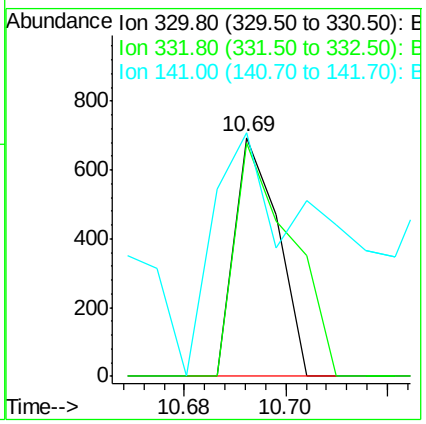


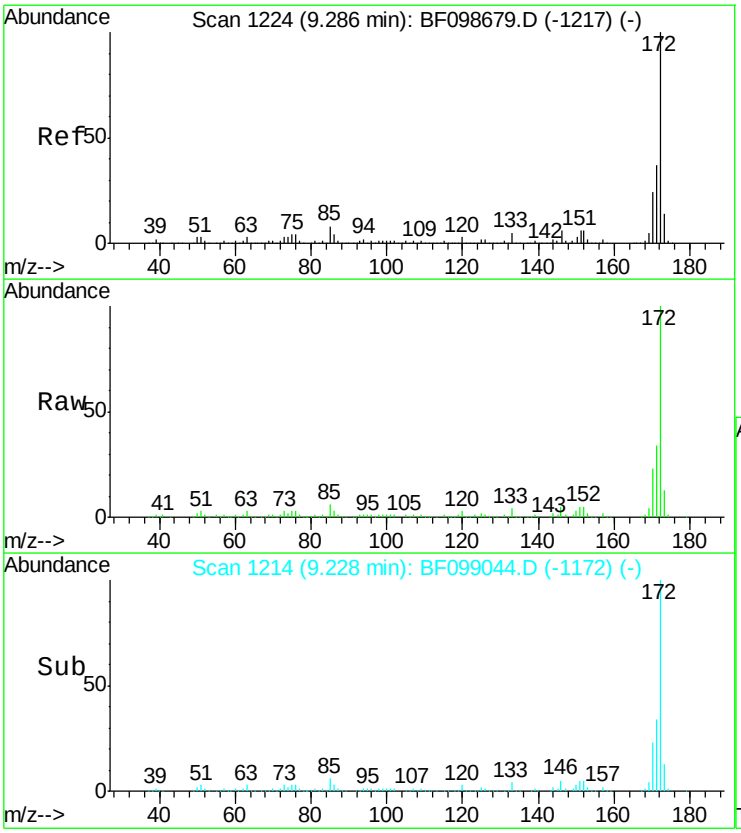
#41
2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.06 min
Lab File: BF099044.D
Acq: 3 Oct 2017 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 411

Ion	Ratio	Lower	Upper
330	100		
332	127.0	77.0	115.6#
141	282.2	29.9	44.9#

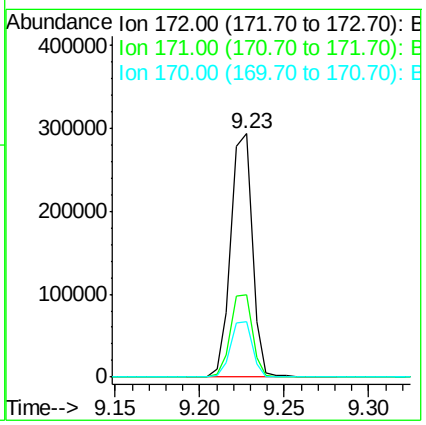


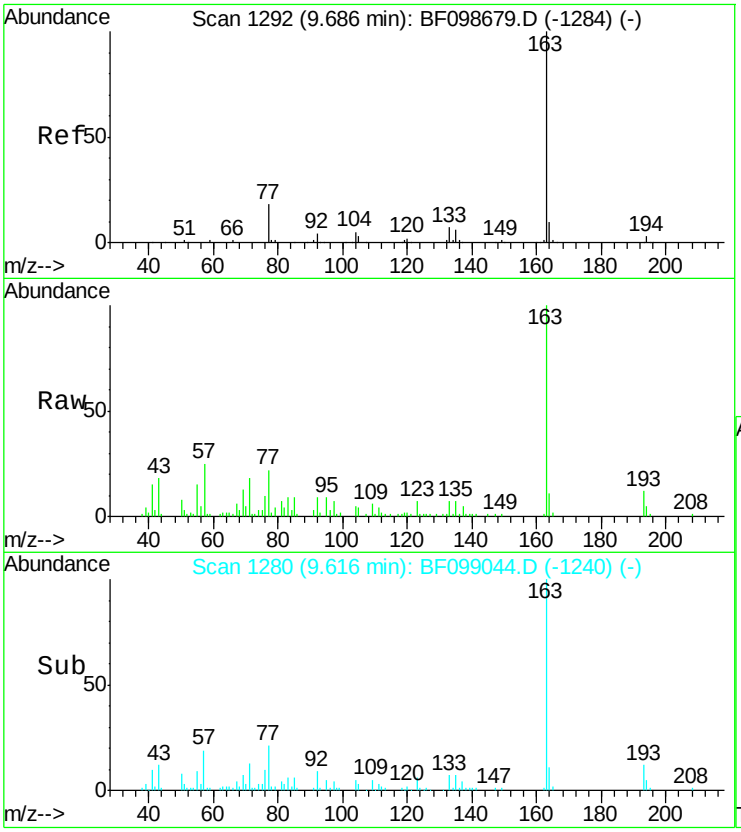


#44
2-Fluorobiphenyl
Concen: 26.45 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.05 min
Lab File: BF099044.D
Acq: 3 Oct 2017 21:44

Tgt Ion:172 Resp: 260743

Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.7	44.5
170	22.6	19.6	29.4



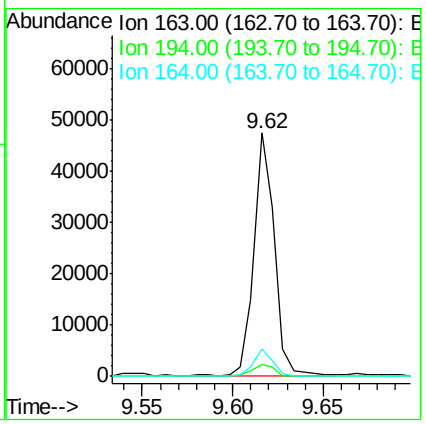


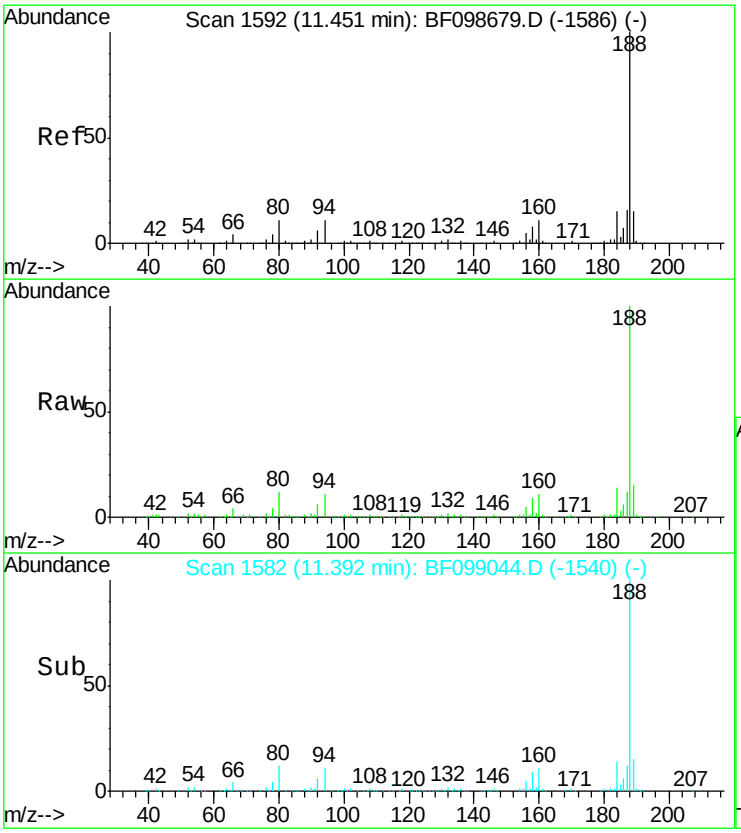
#49
Dimethylphthalate
Concen: 3.03 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.06 min
Lab File: BF099044.D
Acq: 3 Oct 2017 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 37696

Ion	Ratio	Lower	Upper
163	100		
194	5.1	2.7	4.1#
164	11.1	8.2	12.2

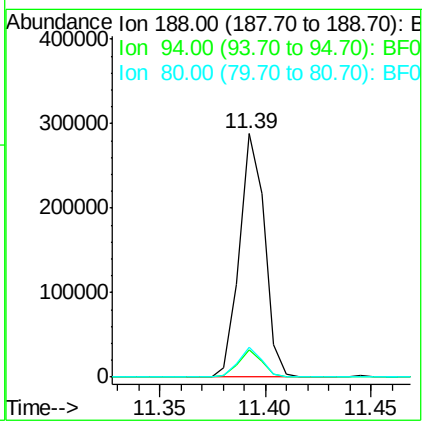


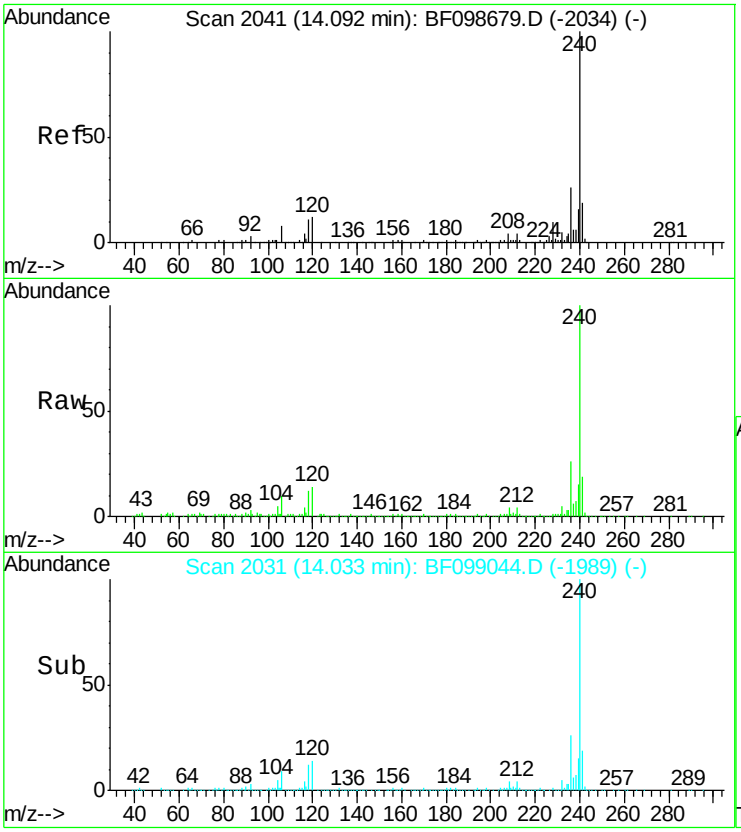


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.05 min
Lab File: BF099044.D
Acq: 3 Oct 2017 21:44

Tgt Ion:188 Resp: 236354

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	12.5	9.2	13.8



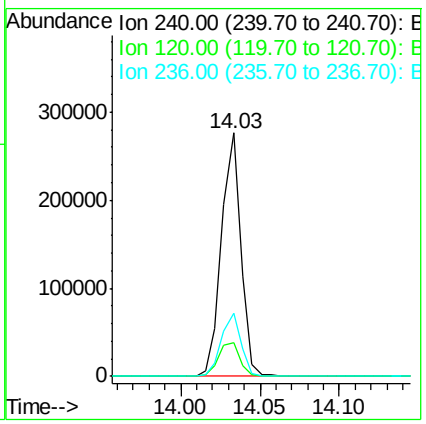


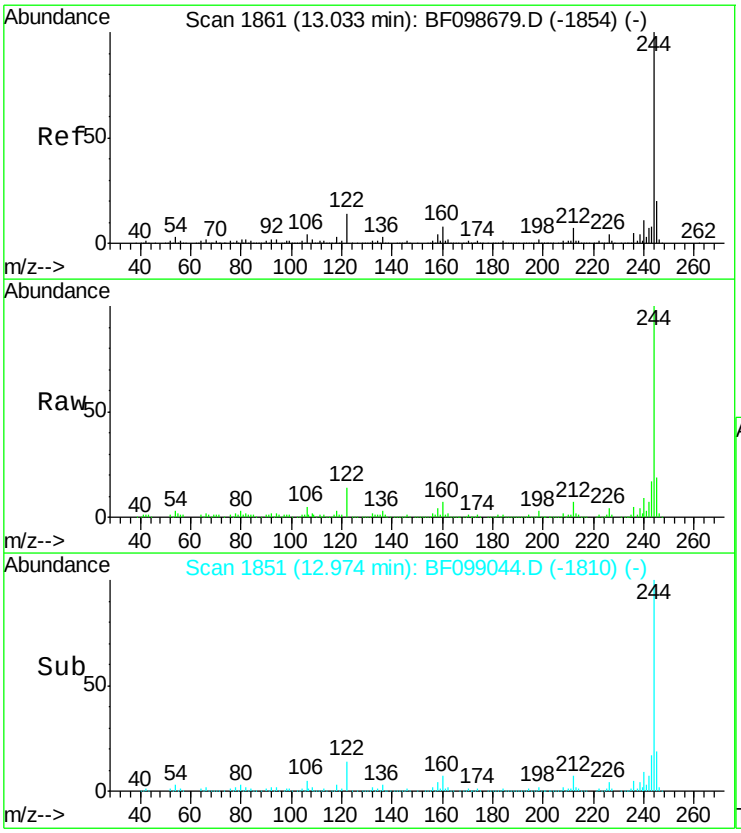
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.05 min
Lab File: BF099044.D
Acq: 3 Oct 2017 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 236114

Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	25.9	20.7	31.1

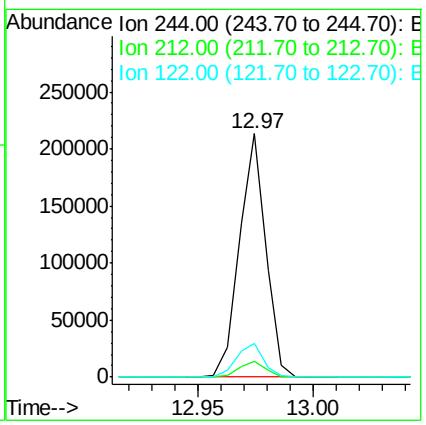


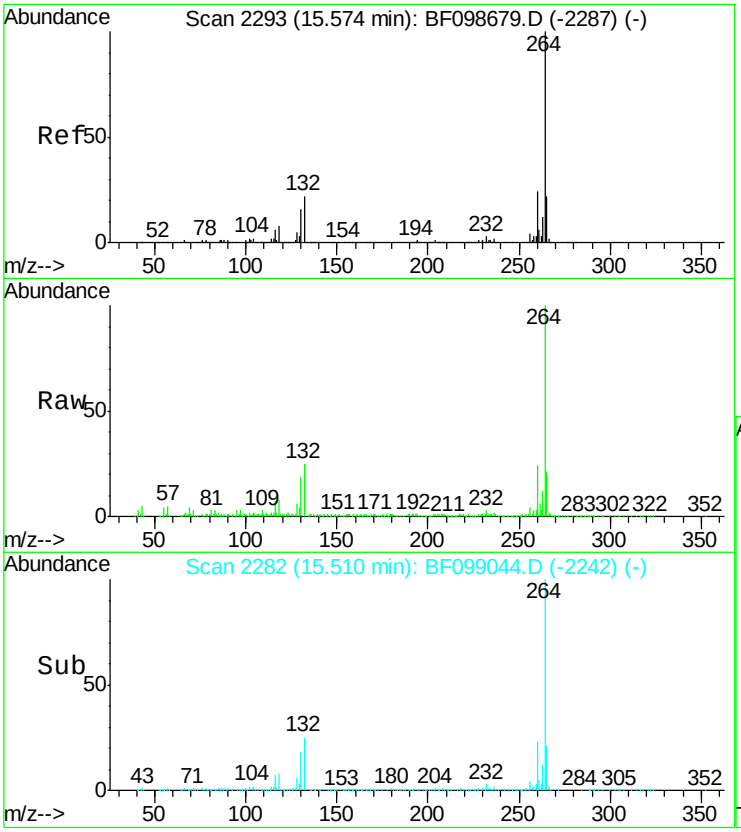


#78
Terphenyl-d14
Concen: 16.38 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.06 min
Lab File: BF099044.D
Acq: 3 Oct 2017 21:44

Tgt Ion:244 Resp: 170102

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	13.8	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.06 min
Lab File: BF099044.D
Acq: 3 Oct 2017 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 252464

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.2	17.5	26.3