Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098517.D
Acq On : 14 Sep 2017 4:17
Operator : SJ/JU
Sample : I5159-11 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 14 05:27:07 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	153344	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	606515	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	243423	20.00	ng	-0.02
63) Phenanthrene-d10	11.17	188	378502	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	319402	20.00	ng	-0.01
86) Perylene-d12	15.21	264	233642	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	86057	8.30	ng	-0.01
7) Phenol-d6	6.31	99	111218	8.45	ng	-0.01
23) Nitrobenzene-d5	7.22	82	52548	4.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	11768	7.24	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	104400	7.27	ng	-0.02
78) Terphenyl-d14	12.75	244	68366	4.62	ng	-0.02
Target Compounds						Qvalue
25) Isophorone	7.22	82	52547	2.387	ng	# 67
50) 2,6-Dinitrotoluene	9.69	165	29661	7.663	ng	# 34
56) 2,4-Dinitrotoluene	9.69	165	29661	6.303	ng	# 33

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
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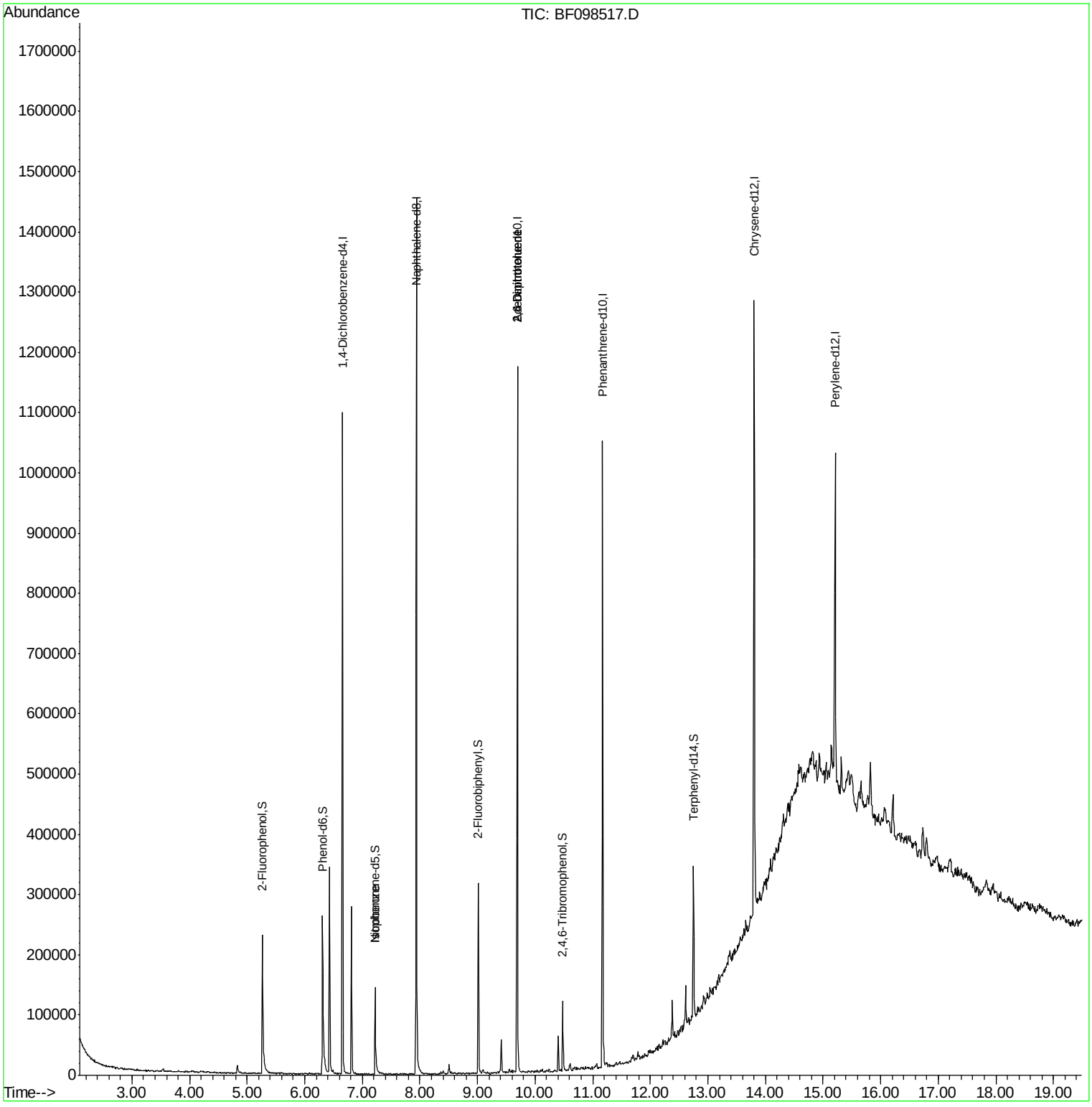
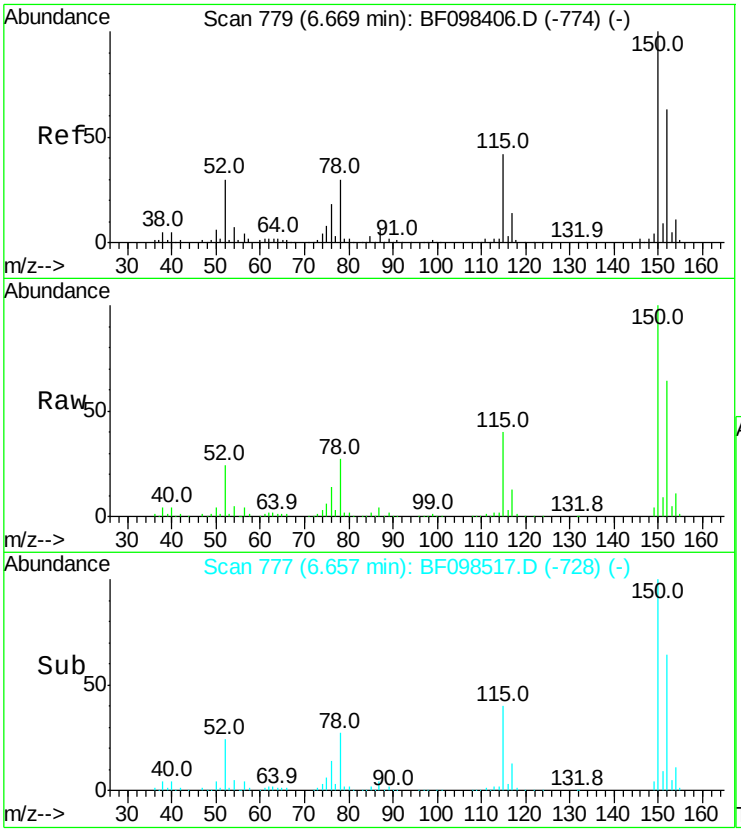


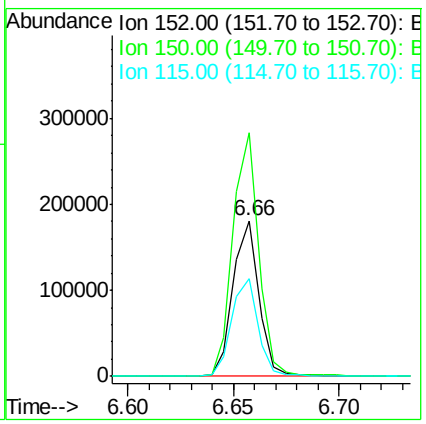


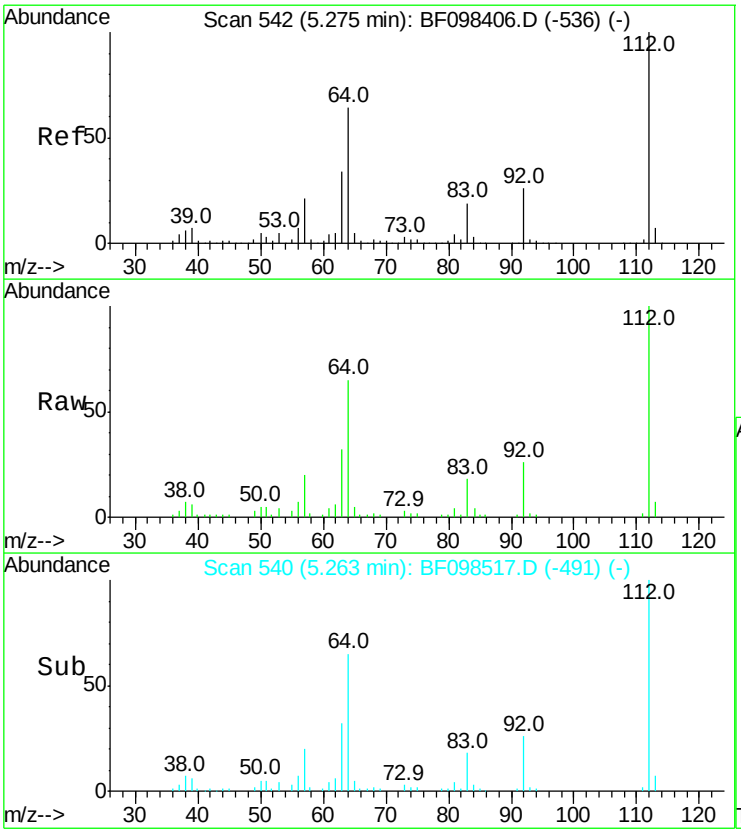
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF098517.D
Acq: 14 Sep 2017 4:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 153344

Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.2	189.2
115	62.3	52.2	78.2

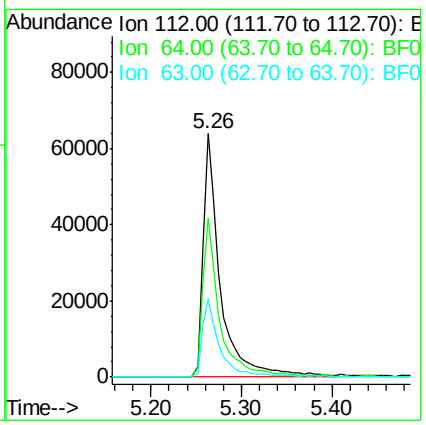


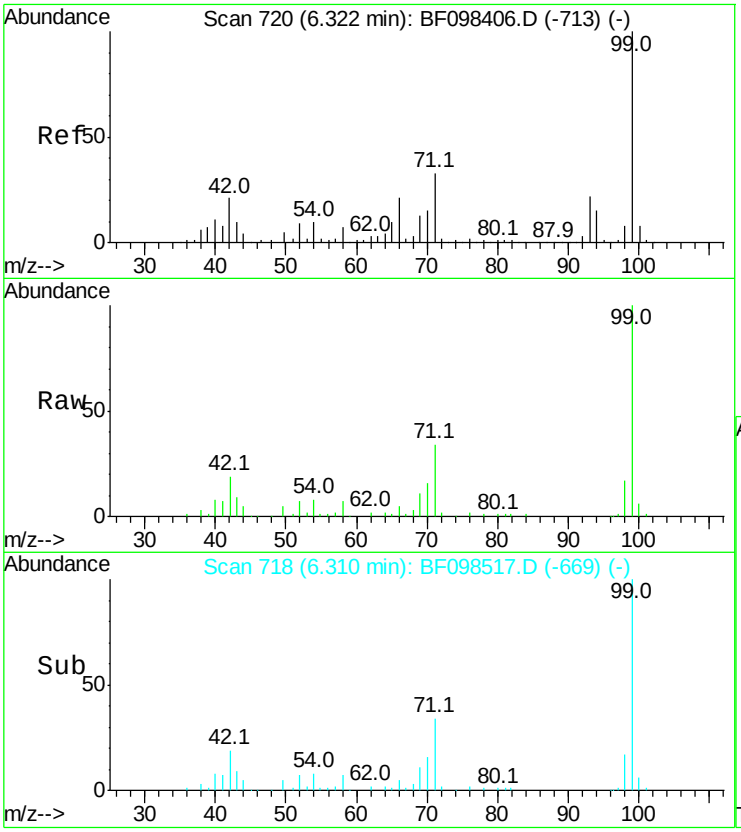


#5
2-Fluorophenol
Concen: 8.298 ng
RT: 5.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF098517.D
Acq: 14 Sep 2017 4:17

Tgt Ion:112 Resp: 86057

Ion	Ratio	Lower	Upper
112	100		
64	65.2	46.0	69.0
63	32.3	23.4	35.0

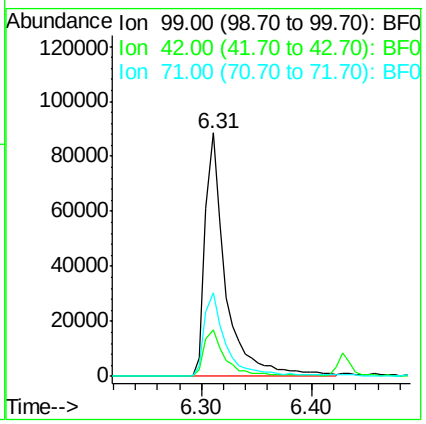




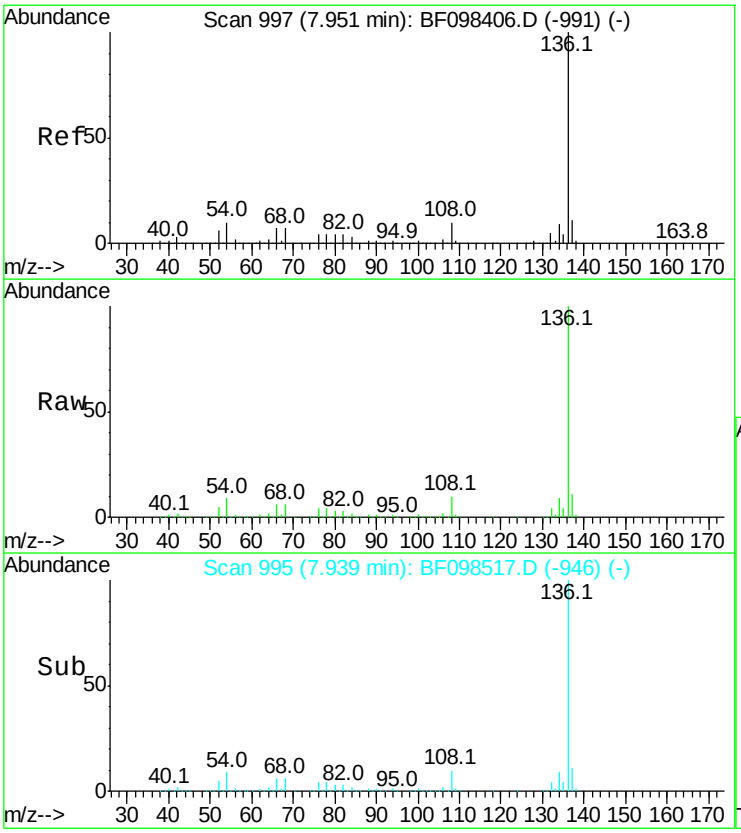
#7
Phenol-d6
Concen: 8.446 ng
RT: 6.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF098517.D
Acq: 14 Sep 2017 4:17

Tgt Ion: 99 Resp: 111218

Ion	Ratio	Lower	Upper
99	100		
42	19.3	13.5	20.3
71	34.1	24.5	36.7



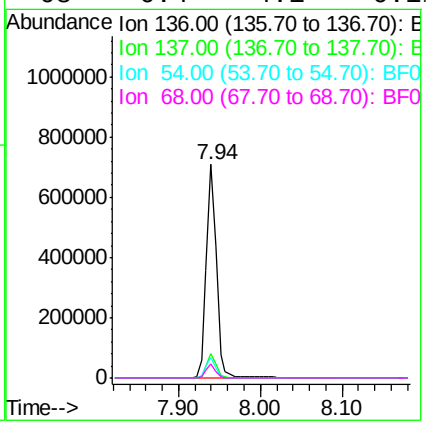
Instrument :
BNA_F
ClientSampleId :

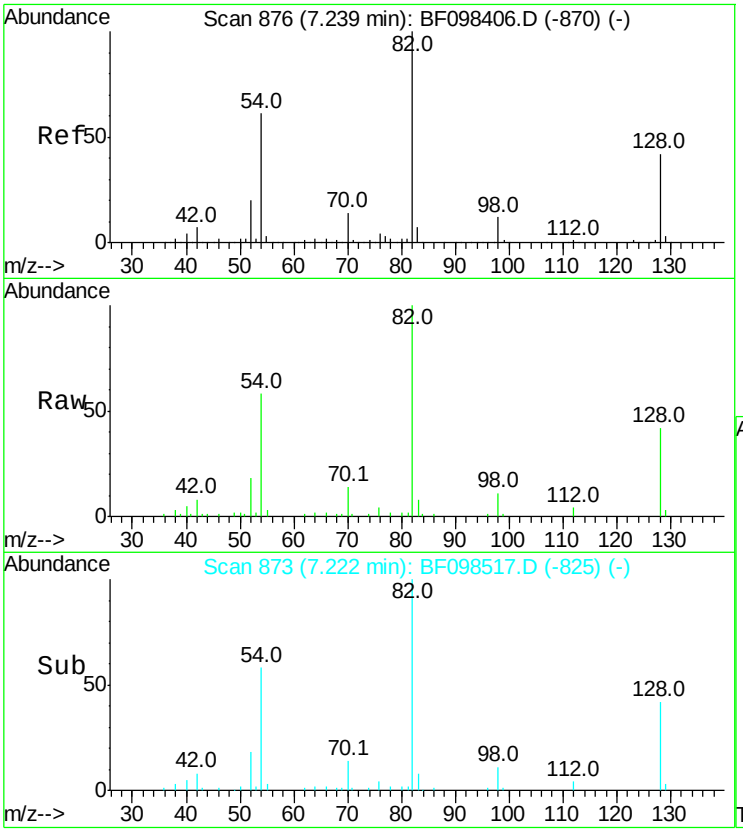


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF098517.D
Acq: 14 Sep 2017 4:17

Tgt Ion:136 Resp: 606515

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	9.4	4.9	7.3#
68	6.4	4.1	6.1#

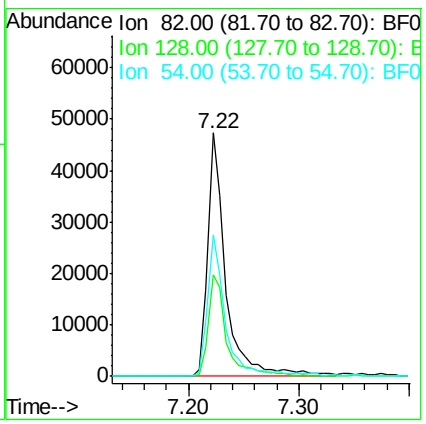




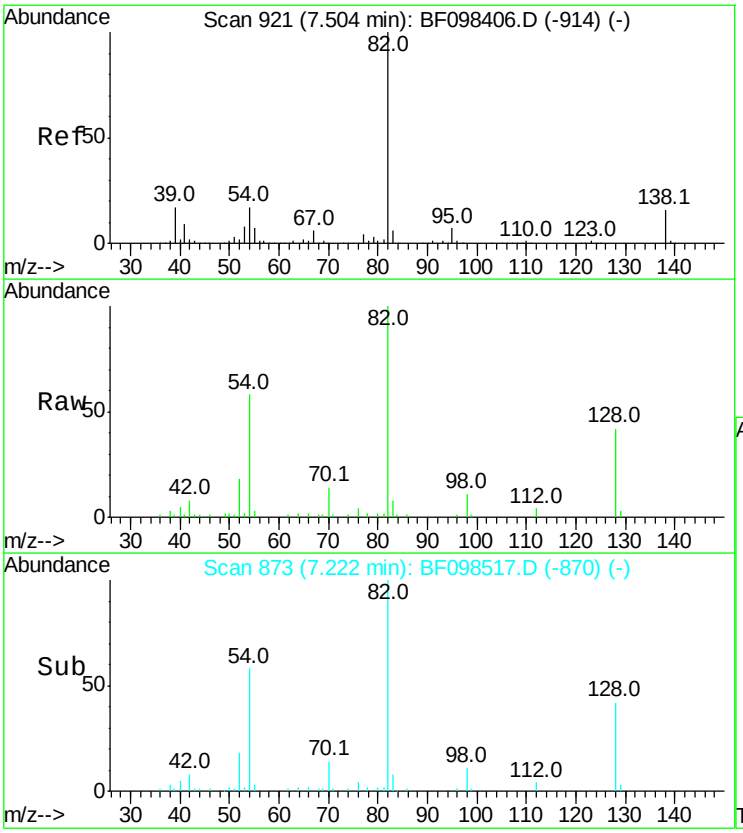
#23
Nitrobenzene-d5
Concen: 4.830 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.02 min
Lab File: BF098517.D
Acq: 14 Sep 2017 4:17

Tgt Ion: 82 Resp: 52548

Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.0	51.0
54	57.9	42.2	63.2



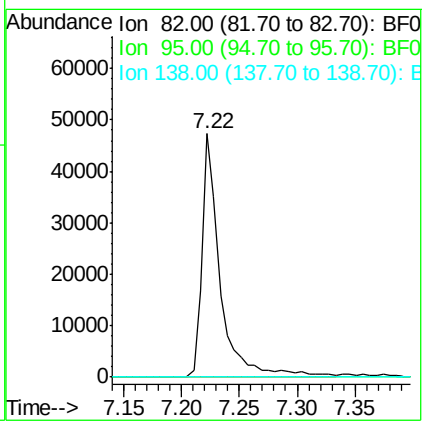
Instrument :
BNA_F
ClientSampleId :

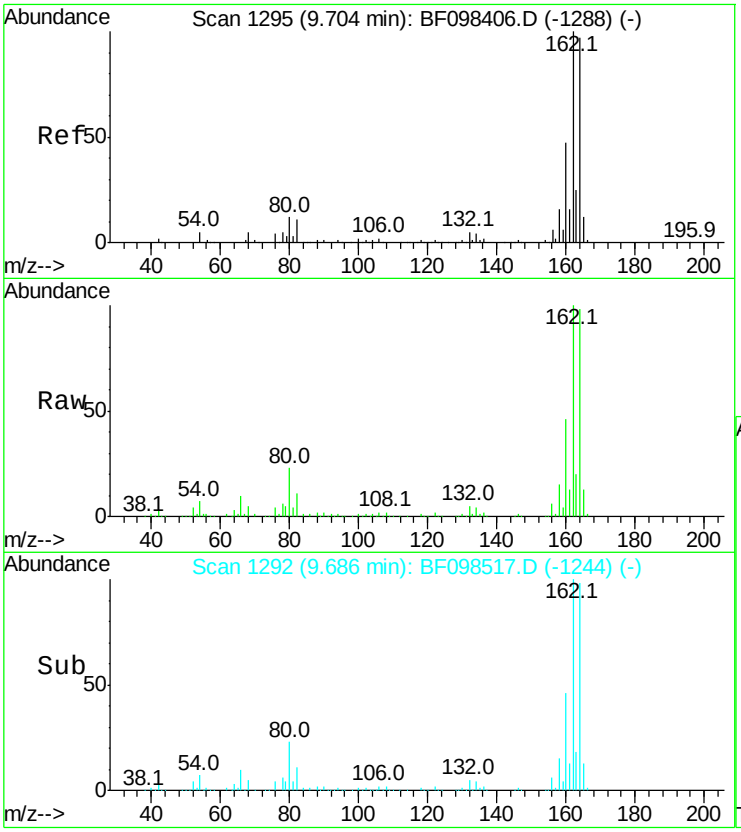


#25
Isophorone
Concen: 2.387 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.28 min
Lab File: BF098517.D
Acq: 14 Sep 2017 4:17

Tgt Ion: 82 Resp: 52547

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



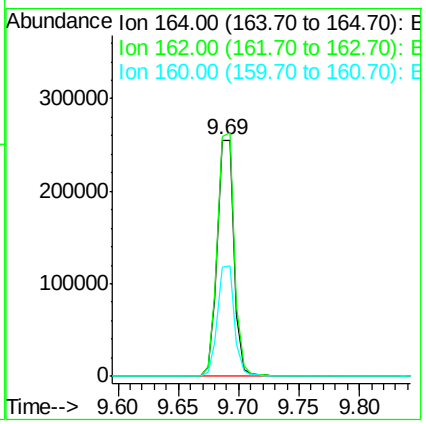


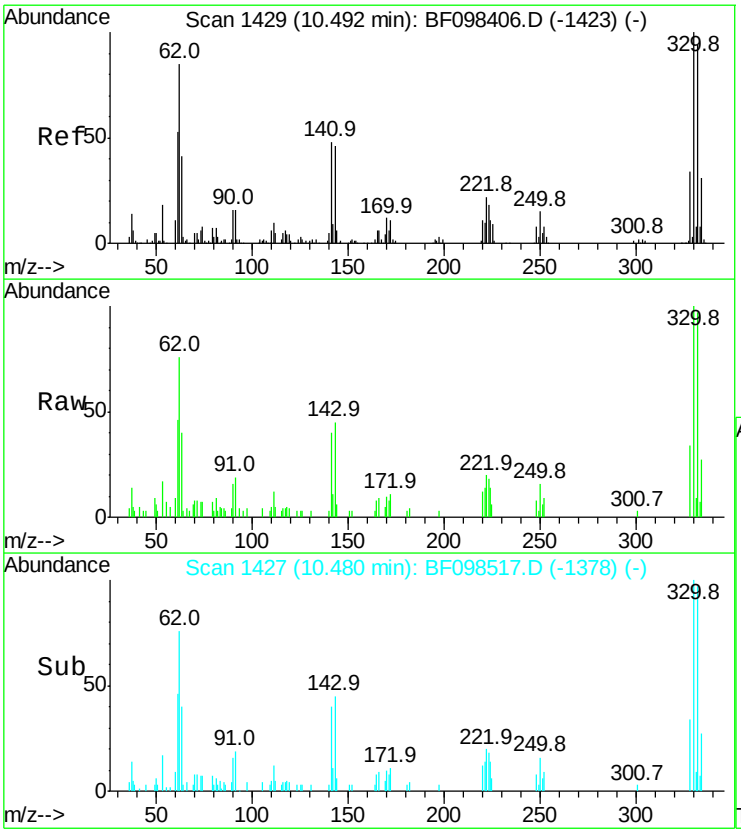
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF098517.D
Acq: 14 Sep 2017 4:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 243423

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	123.8
160	46.3	36.2	54.2

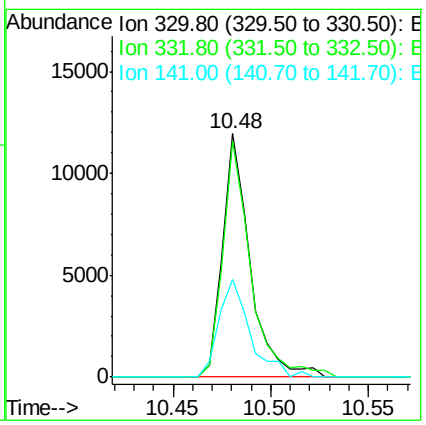


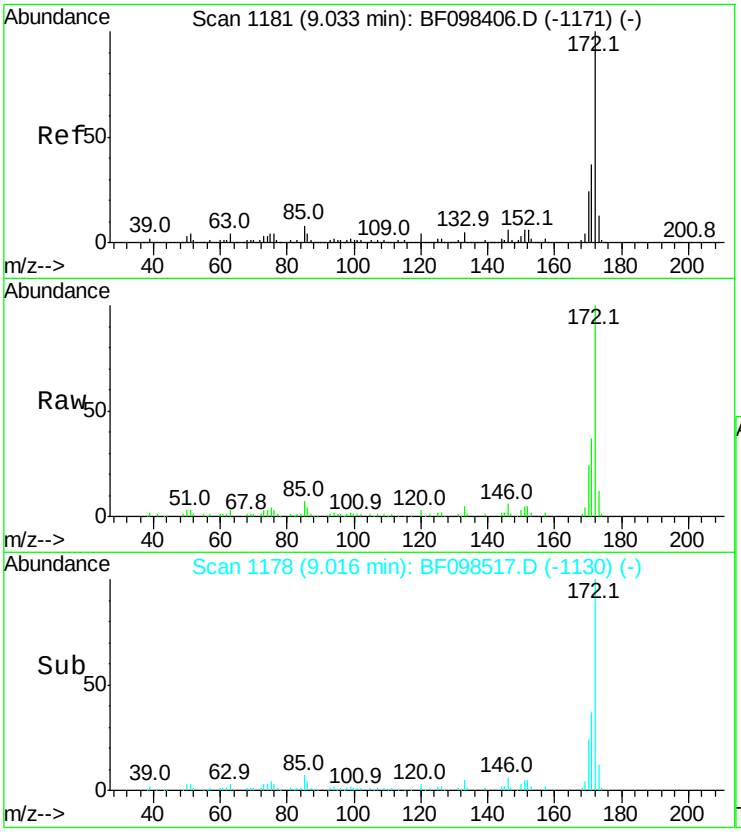


#41
2,4,6-Tribromophenol
Concen: 7.243 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF098517.D
Acq: 14 Sep 2017 4:17

Tgt Ion:330 Resp: 11768

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.6	115.0
141	45.5	31.4	47.2



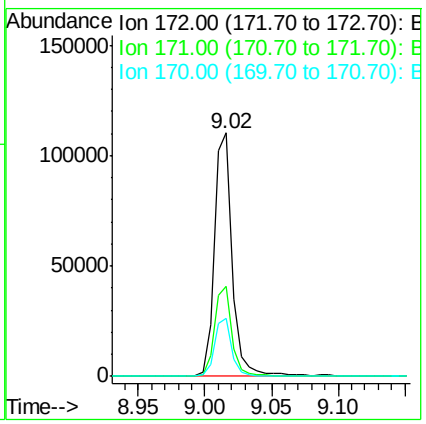


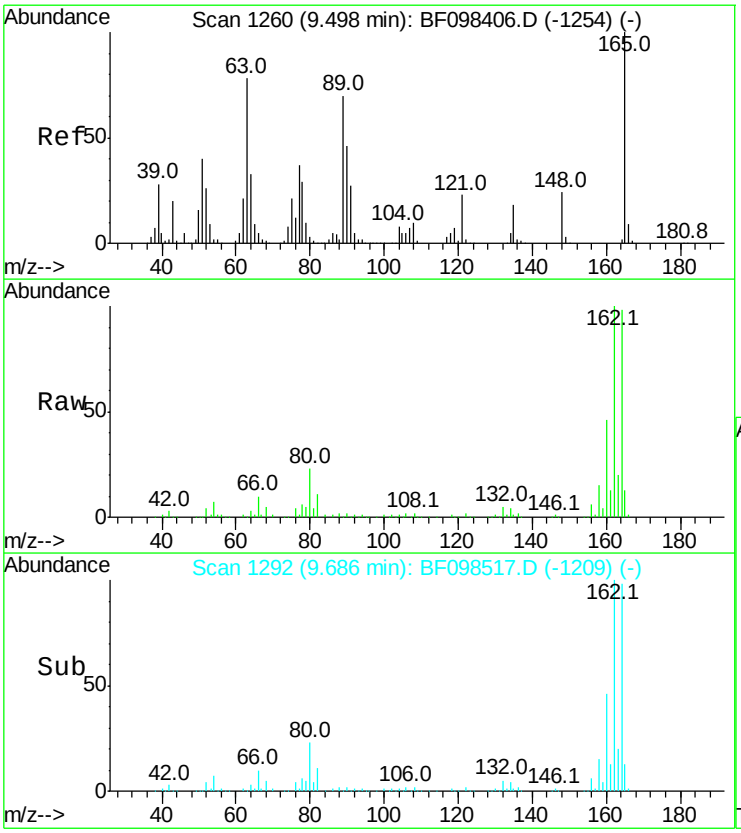
#44
2-Fluorobiphenyl
Concen: 7.269 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BF098517.D
Acq: 14 Sep 2017 4:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 104400

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	23.6	19.8	29.8

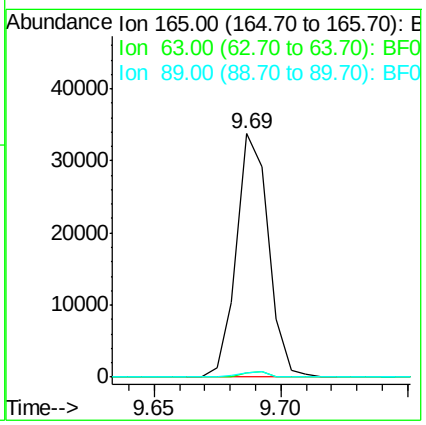


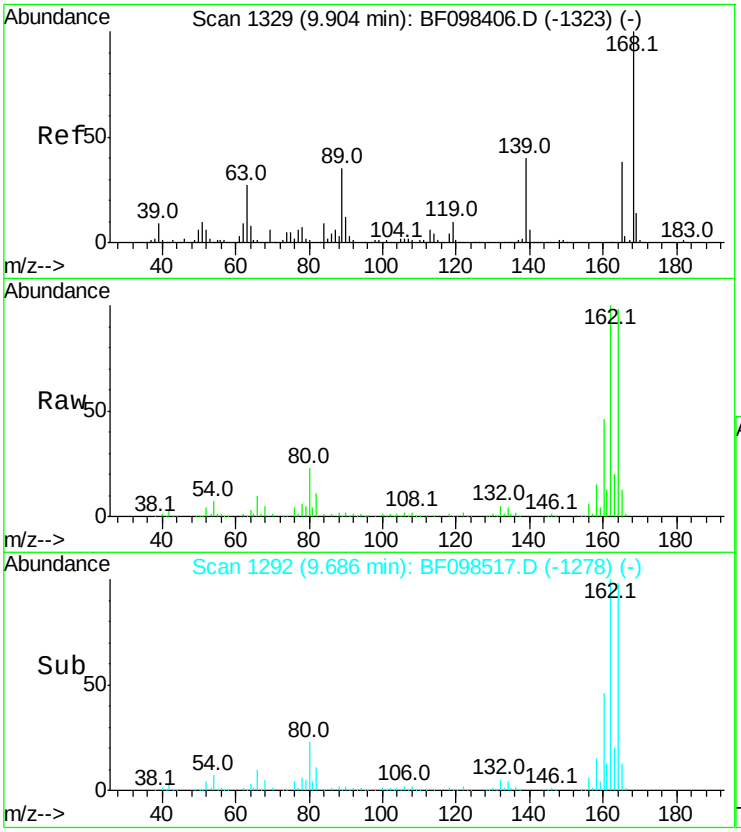


#50
2,6-Dinitrotoluene
Concen: 7.663 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.19 min
Lab File: BF098517.D
Acq: 14 Sep 2017 4:17

Tgt Ion:165 Resp: 29661

Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	1.7	37.1	55.7#



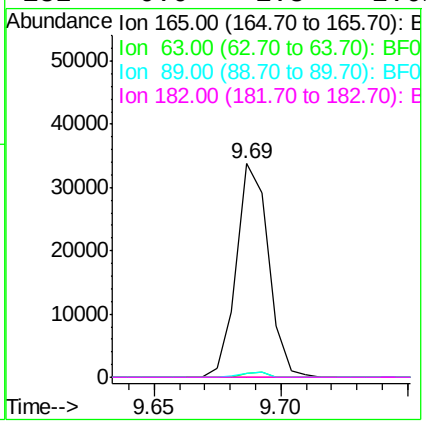


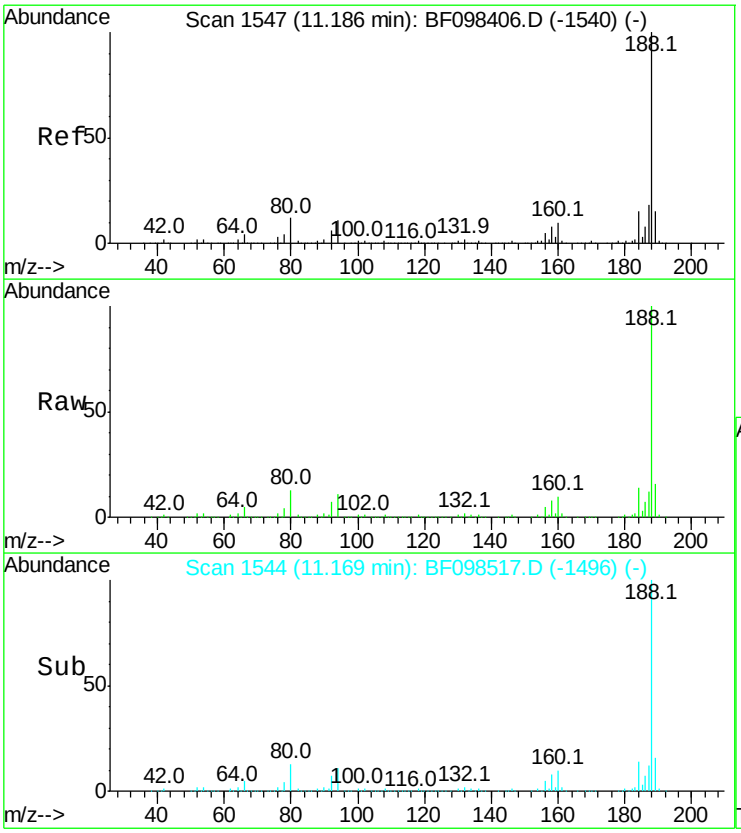
#56
2,4-Dinitrotoluene
Concen: 6.303 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.22 min
Lab File: BF098517.D
Acq: 14 Sep 2017 4:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29661

Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#

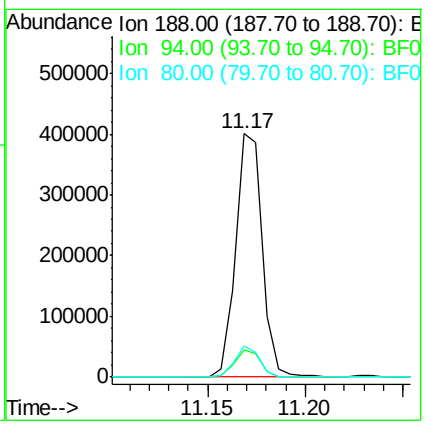


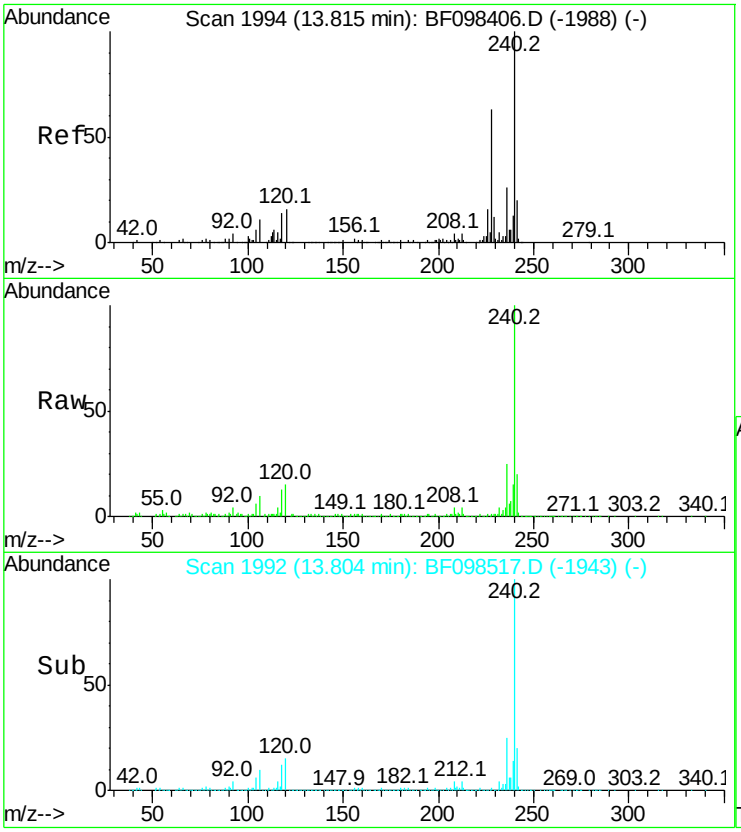


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.02 min
Lab File: BF098517.D
Acq: 14 Sep 2017 4:17

Tgt Ion:188 Resp: 378502

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.4	14.2
80	12.8	10.2	15.2



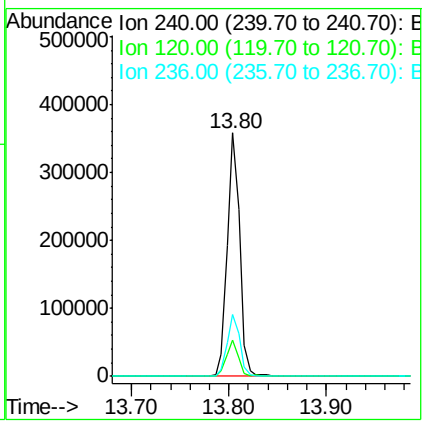


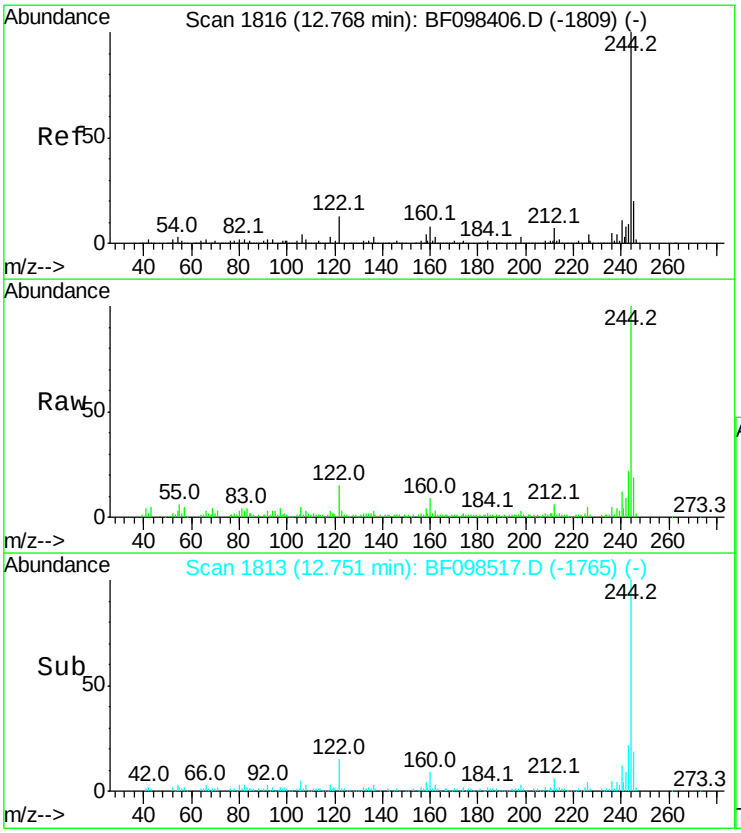
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098517.D
Acq: 14 Sep 2017 4:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 319402

Ion	Ratio	Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	25.2	20.5	30.7

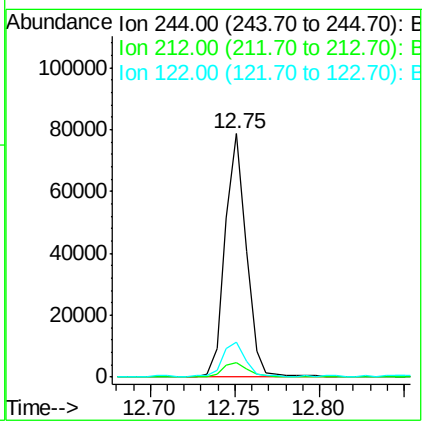


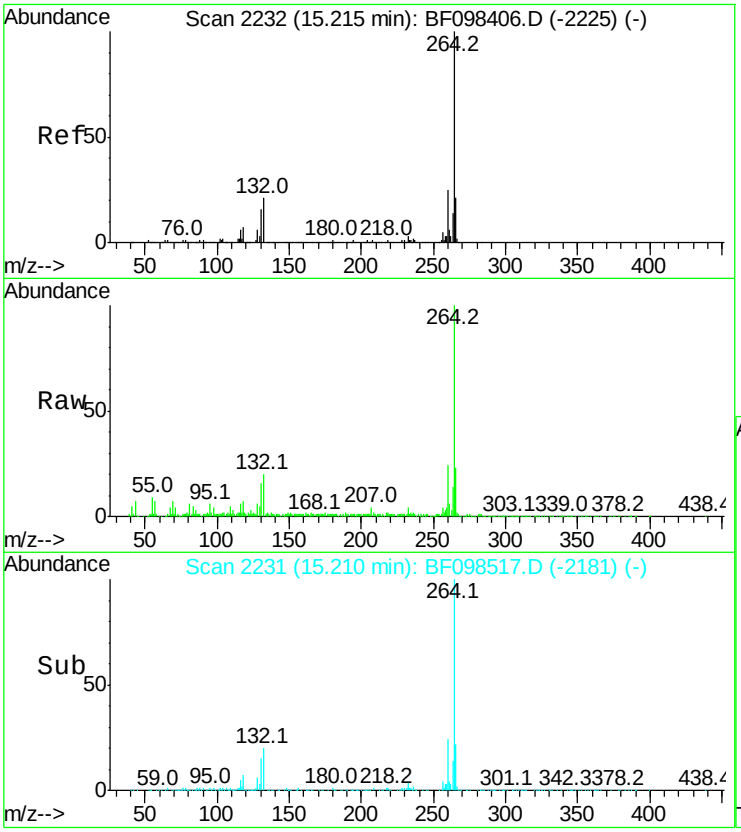


#78
Terphenyl-d14
Concen: 4.620 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF098517.D
Acq: 14 Sep 2017 4:17

Tgt Ion:244 Resp: 68366

Ion	Ratio	Lower	Upper
244	100		
212	6.1	6.0	9.0
122	14.6	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF098517.D
Acq: 14 Sep 2017 4:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 233642

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.5	17.2	25.8