Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050417\
Data File : BF094912.D
Acq On : 5 May 2017 12:17
Operator : SJ/MA
Sample : I2957-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 05 13:26:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	83755	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	349948	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	145456	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	296301	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	198758	20.00	ng	-0.02
86) Perylene-d12	20.31	264	79539	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	503879	100.30	ng	0.00
7) Phenol-d6	7.26	99	558864	92.72	ng	-0.02
23) Nitrobenzene-d5	8.62	82	400129	72.10	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	162641	136.53	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	859492	85.05	ng	-0.02
78) Terphenyl-d14	17.29	244	712254	78.93	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	8.62	70	51143	12.55	ng	# 75
31) Naphthalene	9.77	128	67246	3.82	ng	98
50) 2,6-Dinitrotoluene	12.57	165	14475	5.94	ng	# 31

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

Quantitation Report (Not Reviewed)

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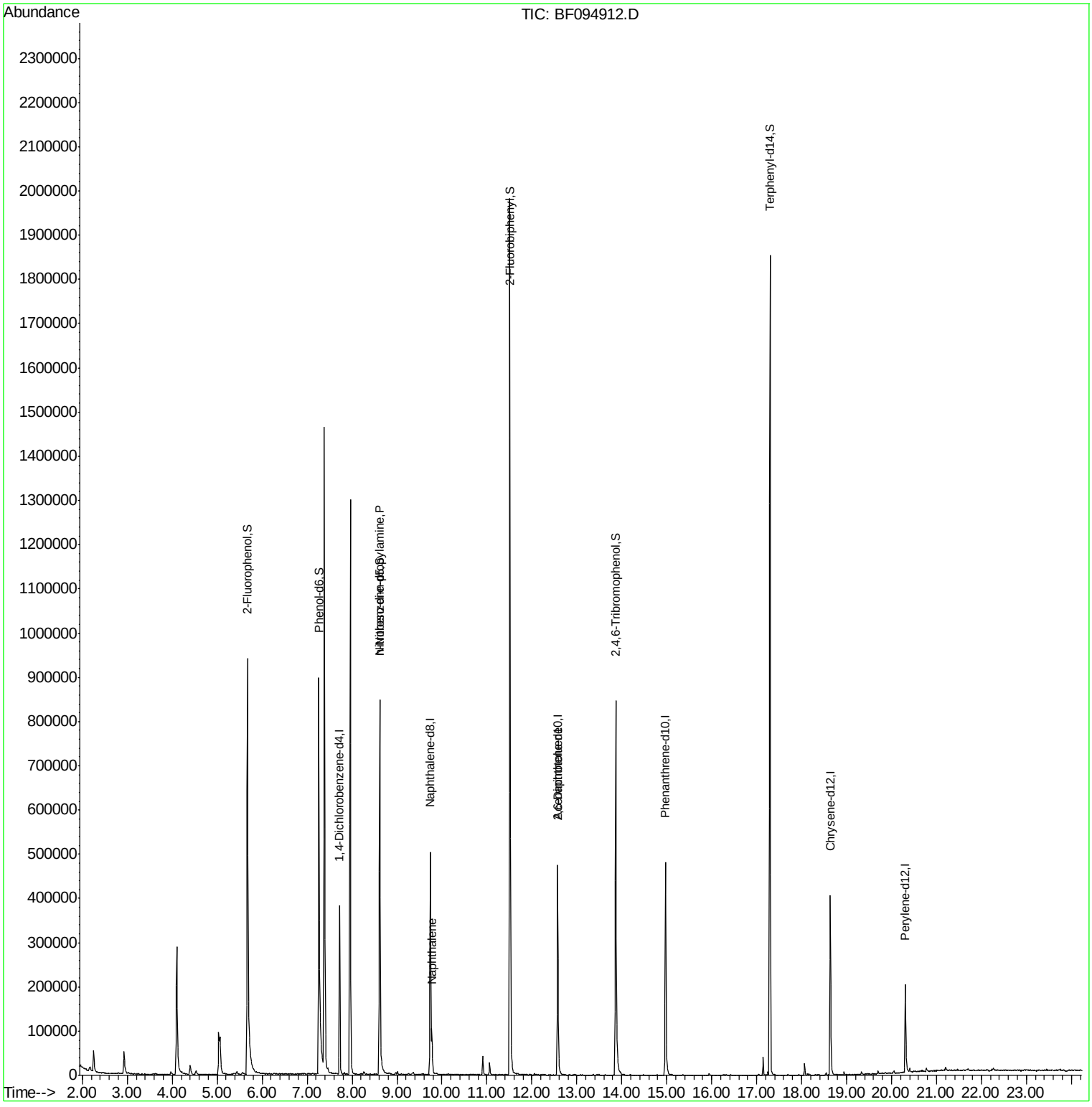
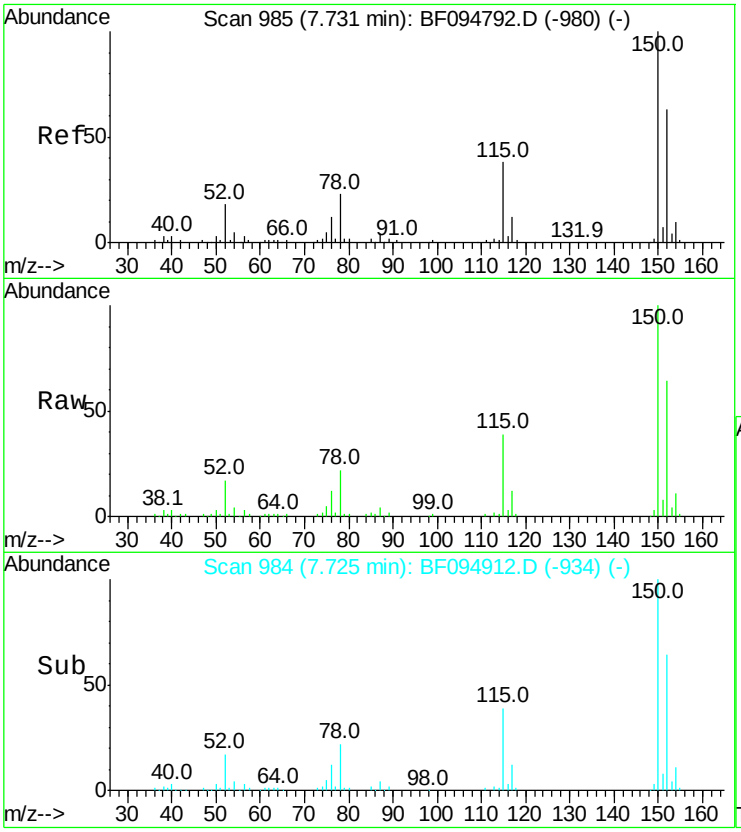


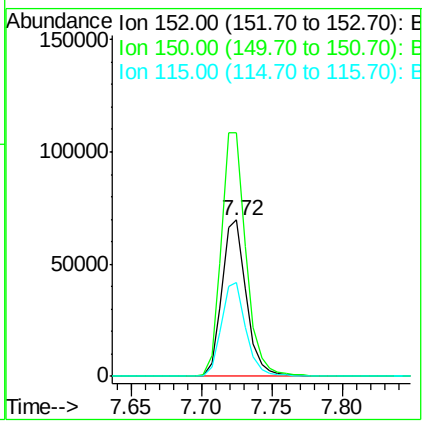


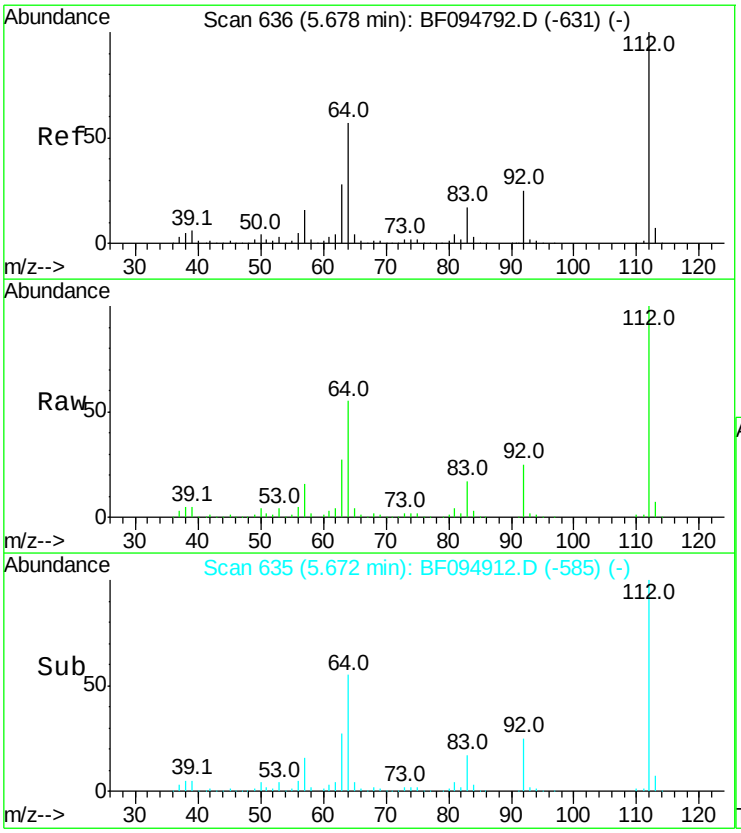
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094912.D
Acq: 5 May 2017 12:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 83755

Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.2	189.2
115	60.4	52.2	78.2

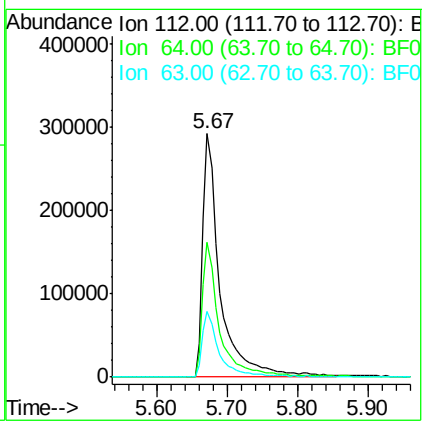


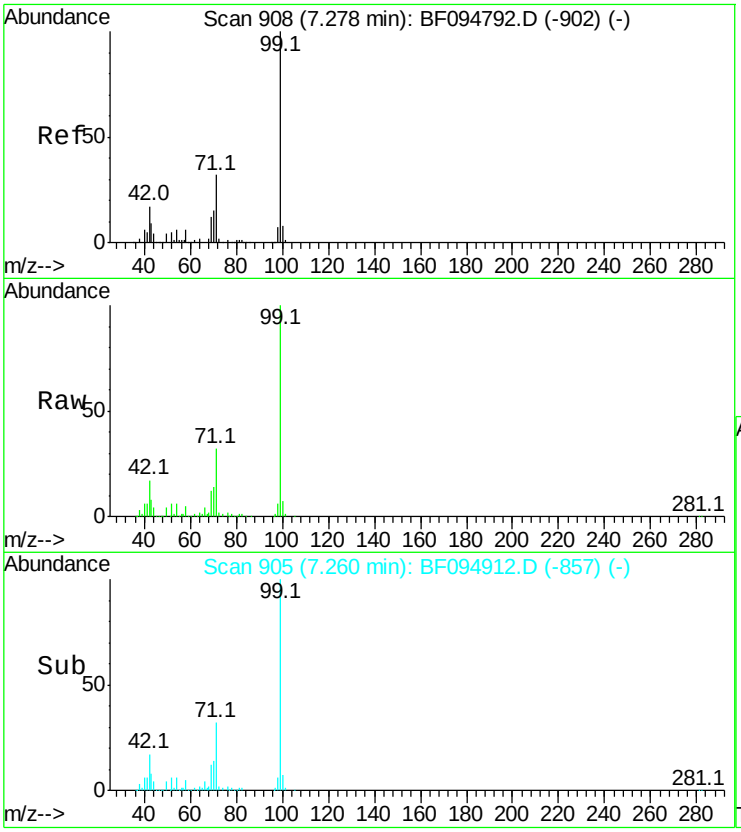


#5
2-Fluorophenol
Concen: 100.30 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF094912.D
Acq: 5 May 2017 12:17

Tgt Ion:112 Resp: 503879

Ion	Ratio	Lower	Upper
112	100		
64	55.1	46.0	69.0
63	27.0	23.4	35.0



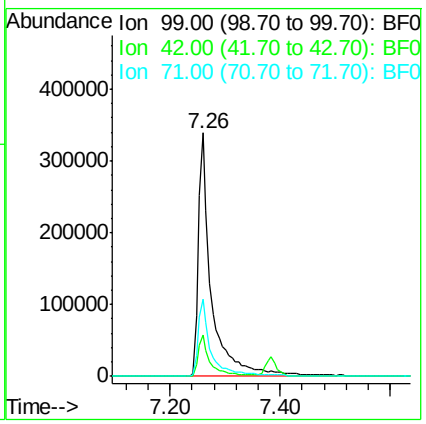


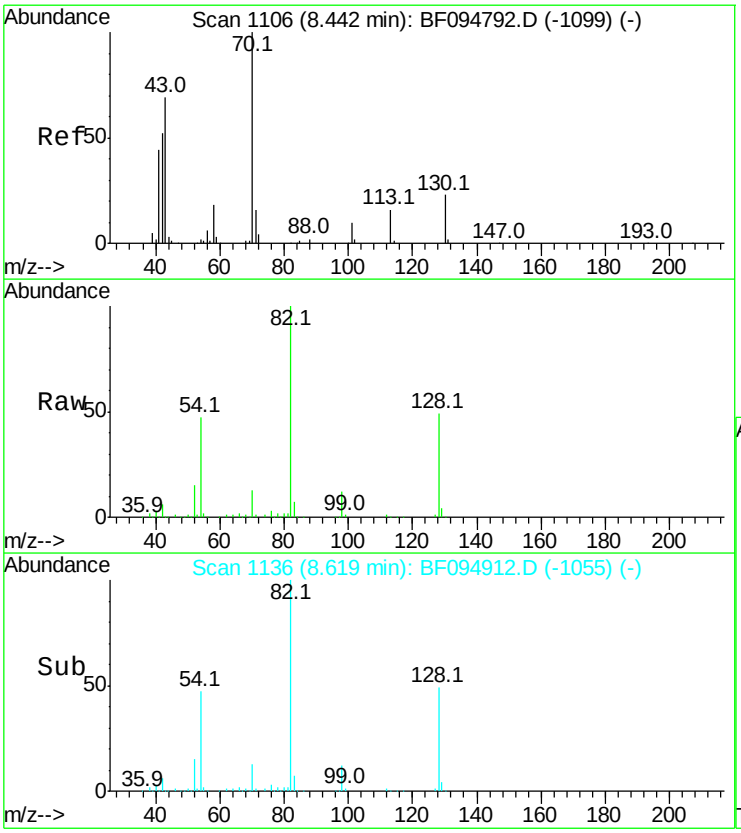
#7
Phenol-d6
Concen: 92.72 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF094912.D
Acq: 5 May 2017 12:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 558864

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.5	20.3
71	31.9	24.5	36.7

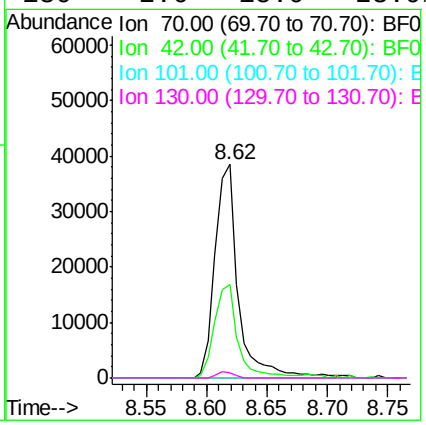


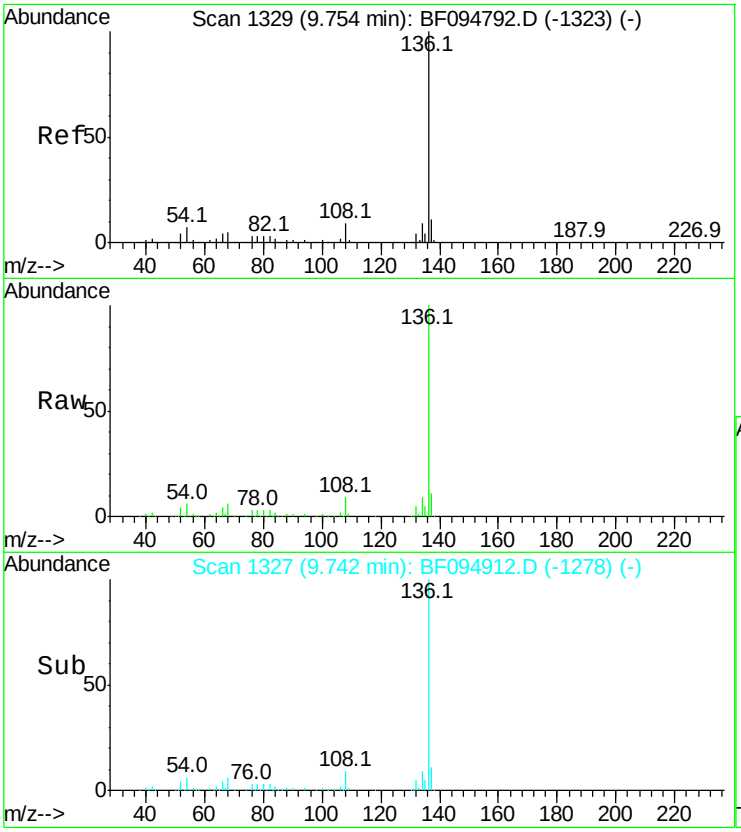


#19
n-Nitroso-di-n-propylamine
Concen: 12.55 ng
RT: 8.62 min Scan# 1136
Delta R.T. 0.18 min
Lab File: BF094912.D
Acq: 5 May 2017 12:17

Tgt Ion: 70 Resp: 51143

Ion	Ratio	Lower	Upper
70	100		
42	43.8	47.2	70.8#
101	0.0	7.2	10.8#
130	2.6	15.9	23.9#



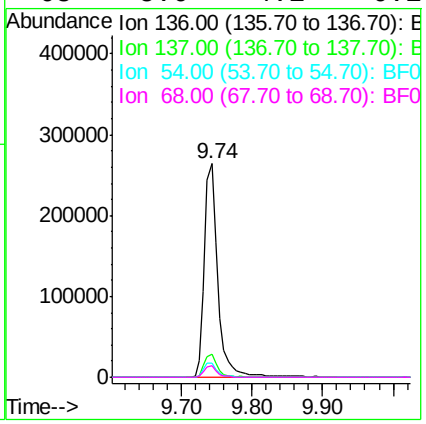


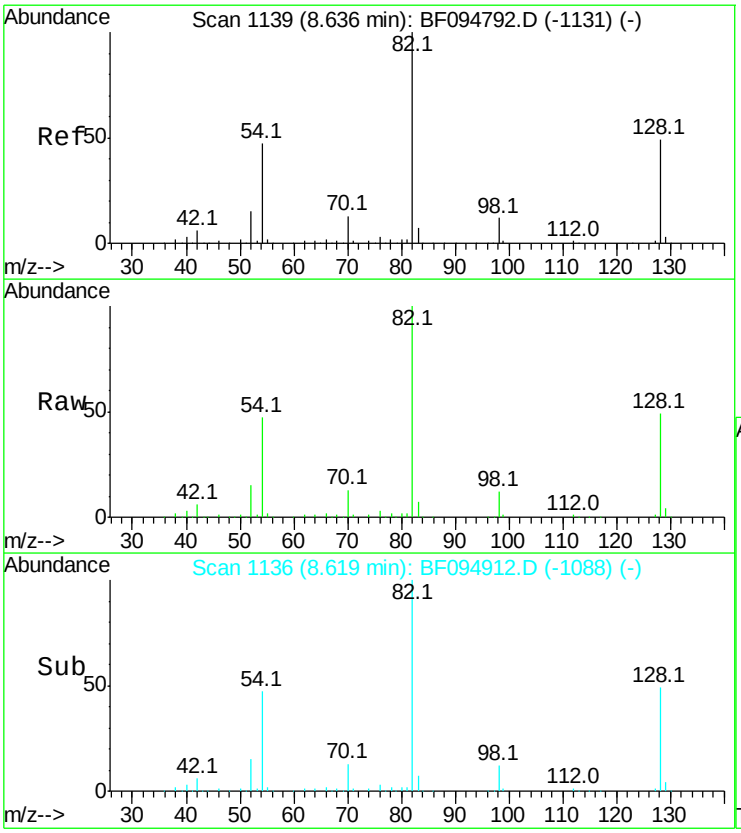
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094912.D
Acq: 5 May 2017 12:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 349948

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.4	4.9	7.3
68	5.6	4.1	6.1

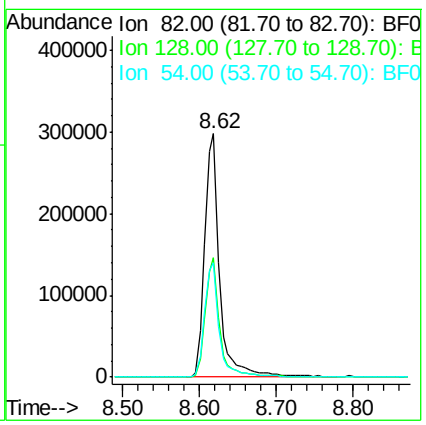


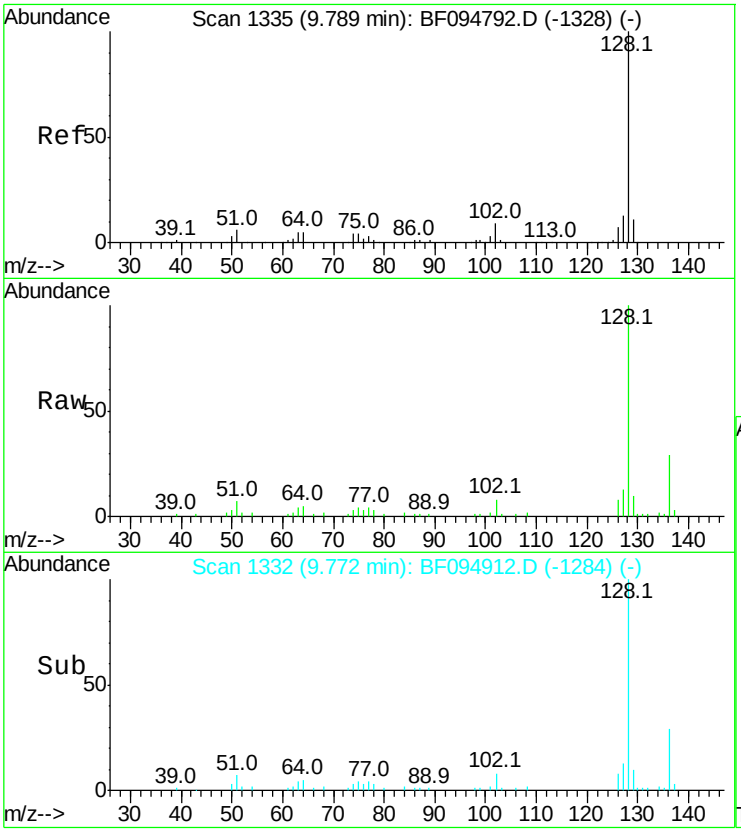


#23
Nitrobenzene-d5
Concen: 72.10 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094912.D
Acq: 5 May 2017 12:17

Tgt Ion: 82 Resp: 400129

Ion	Ratio	Lower	Upper
82	100		
128	48.8	34.0	51.0
54	46.9	42.2	63.2



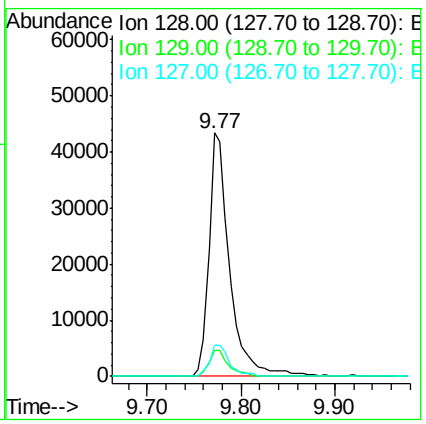


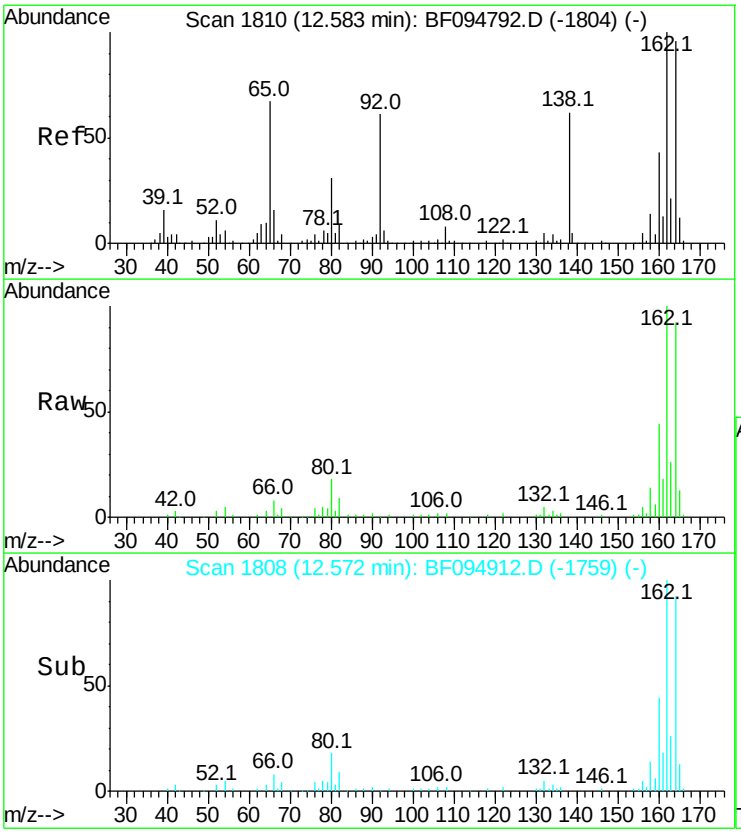
#31
Naphthalene
Concen: 3.82 ng
RT: 9.77 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF094912.D
Acq: 5 May 2017 12:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 67246

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.0	13.6
127	12.6	10.8	16.2

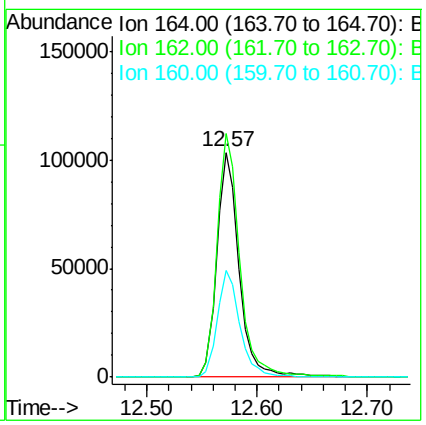


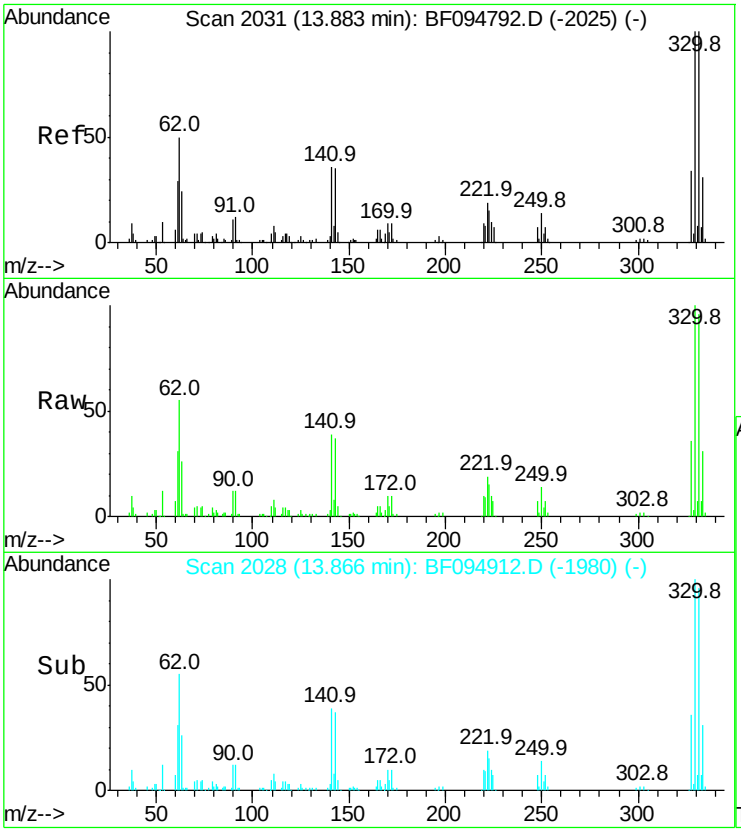


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094912.D
Acq: 5 May 2017 12:17

Tgt Ion:164 Resp: 145456

Ion	Ratio	Lower	Upper
164	100		
162	108.3	82.6	123.8
160	47.7	36.2	54.2



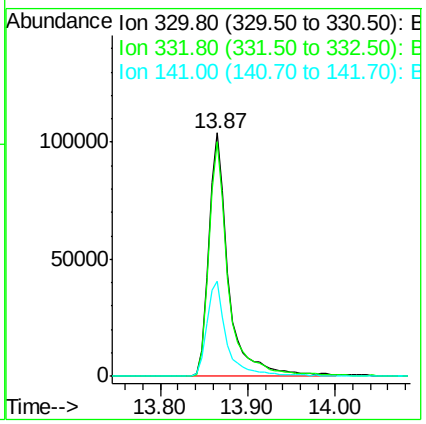


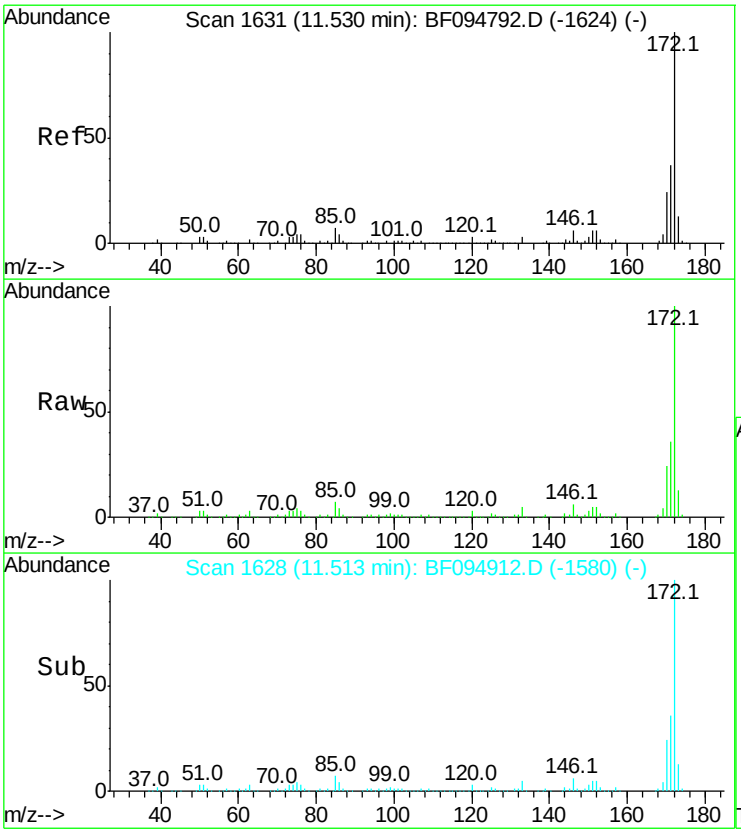
#41
2,4,6-Tribromophenol
Concen: 136.53 ng
RT: 13.87 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF094912.D
Acq: 5 May 2017 12:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 162641

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	39.9	31.4	47.2

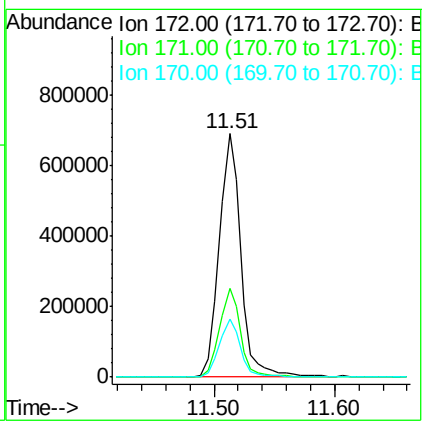


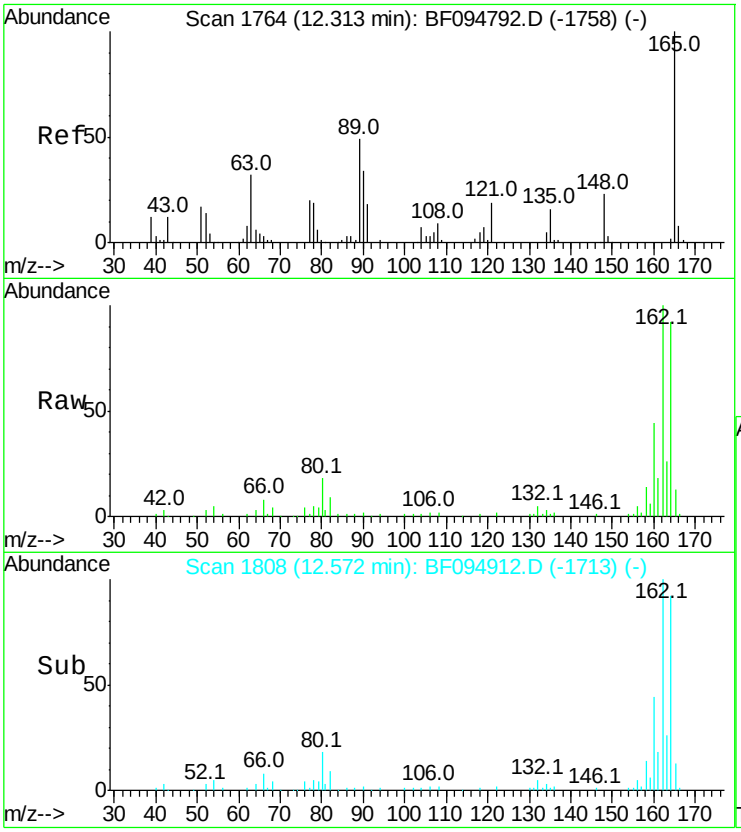


#44
2-Fluorobiphenyl
Concen: 85.05 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF094912.D
Acq: 5 May 2017 12:17

Tgt Ion:172 Resp: 859492

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.9	19.8	29.8



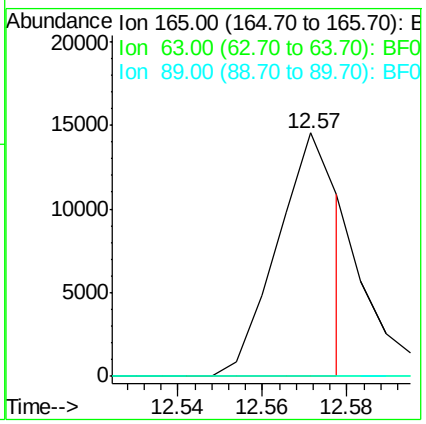


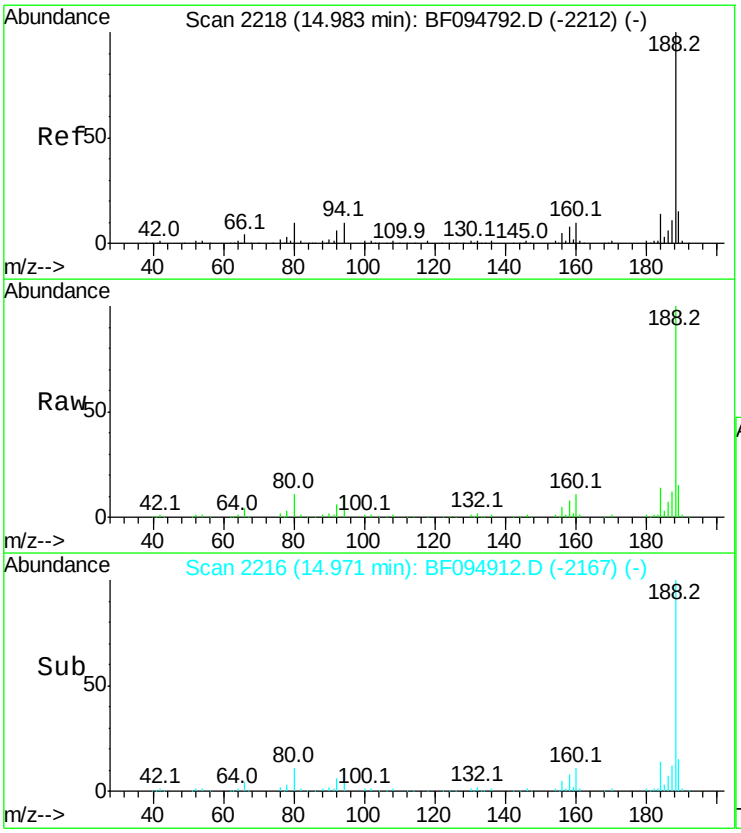
#50
2,6-Dinitrotoluene
Concen: 5.94 ng
RT: 12.57 min Scan# 1808
Delta R.T. 0.26 min
Lab File: BF094912.D
Acq: 5 May 2017 12:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 14475

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#

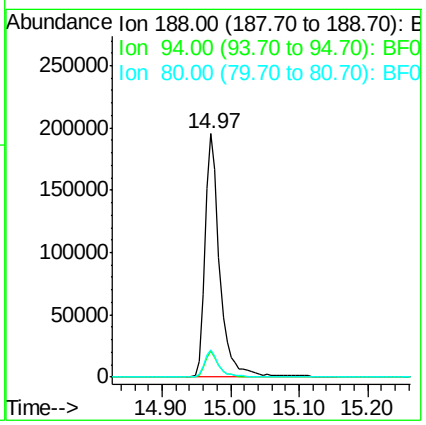


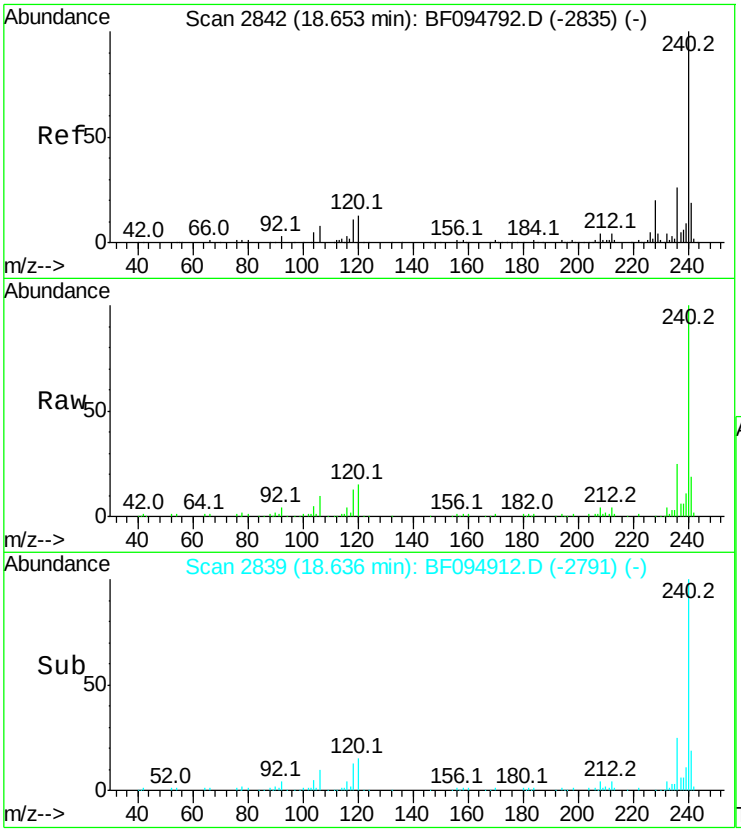


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094912.D
Acq: 5 May 2017 12:17

Tgt Ion:188 Resp: 296301

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	11.1	10.2	15.2



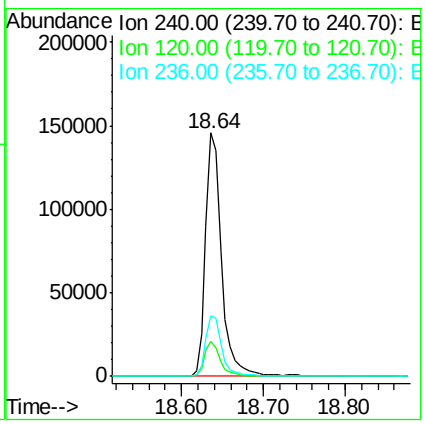


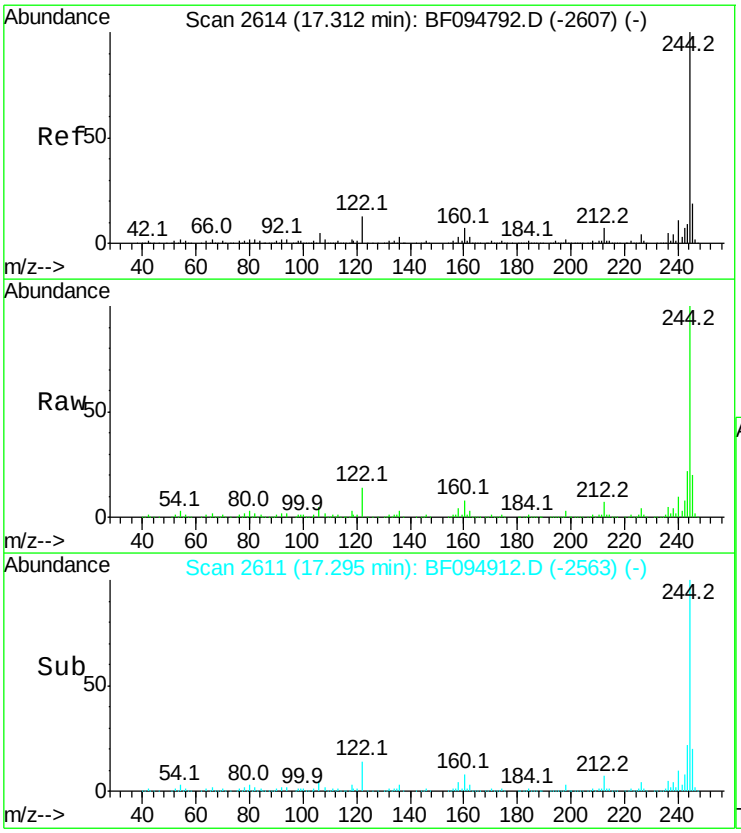
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094912.D
Acq: 5 May 2017 12:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 198758

Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	25.1	20.5	30.7

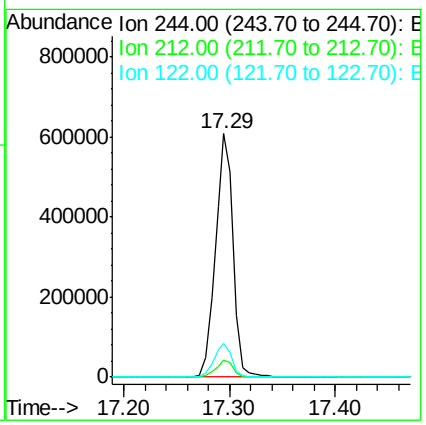


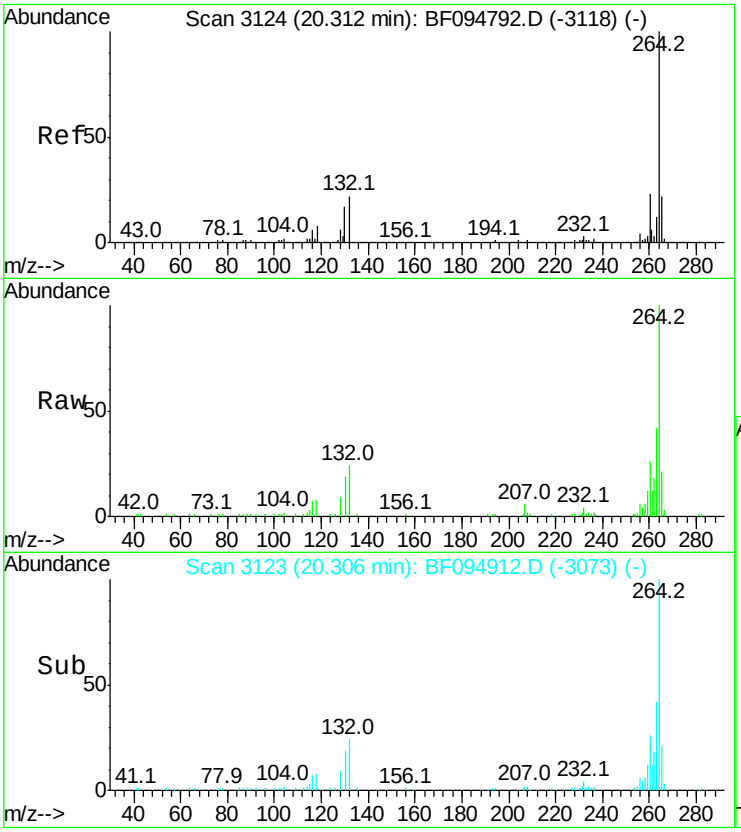


#78
Terphenyl-d14
Concen: 78.93 ng
RT: 17.29 min Scan# 2611
Delta R.T. -0.02 min
Lab File: BF094912.D
Acq: 5 May 2017 12:17

Tgt Ion:244 Resp: 712254

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.8	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094912.D
Acq: 5 May 2017 12:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 79539

Ion	Ratio	Lower	Upper
264	100		
260	26.3	19.5	29.3
265	20.9	17.2	25.8