Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
Data File : BF096154.D
Acq On : 23 Jun 2017 9:42
Operator : SJ/MA
Sample : I3823-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 23 11:14:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	70158	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	278197	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	118081	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	188456	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	139078	20.00	ng	0.00
86) Perylene-d12	19.94	264	118298	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	371065	84.28	ng	-0.02
7) Phenol-d6	6.85	99	450647	85.50	ng	-0.02
23) Nitrobenzene-d5	8.20	82	261246	58.32	ng	-0.02
41) 2,4,6-Tribromophenol	13.43	330	72790	69.67	ng	-0.02
44) 2-Fluorobiphenyl	11.09	172	555814	65.50	ng	-0.02
78) Terphenyl-d14	16.91	244	351641	62.75	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	1.55	88	7072	3.38	ng	# 23
19) n-Nitroso-di-n-propylamine	8.20	70	30889	9.25	ng	# 76
49) Dimethylphthalate	11.80	163	60465	6.74	ng	99
50) 2,6-Dinitrotoluene	12.13	165	14251	7.29	ng	# 31

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

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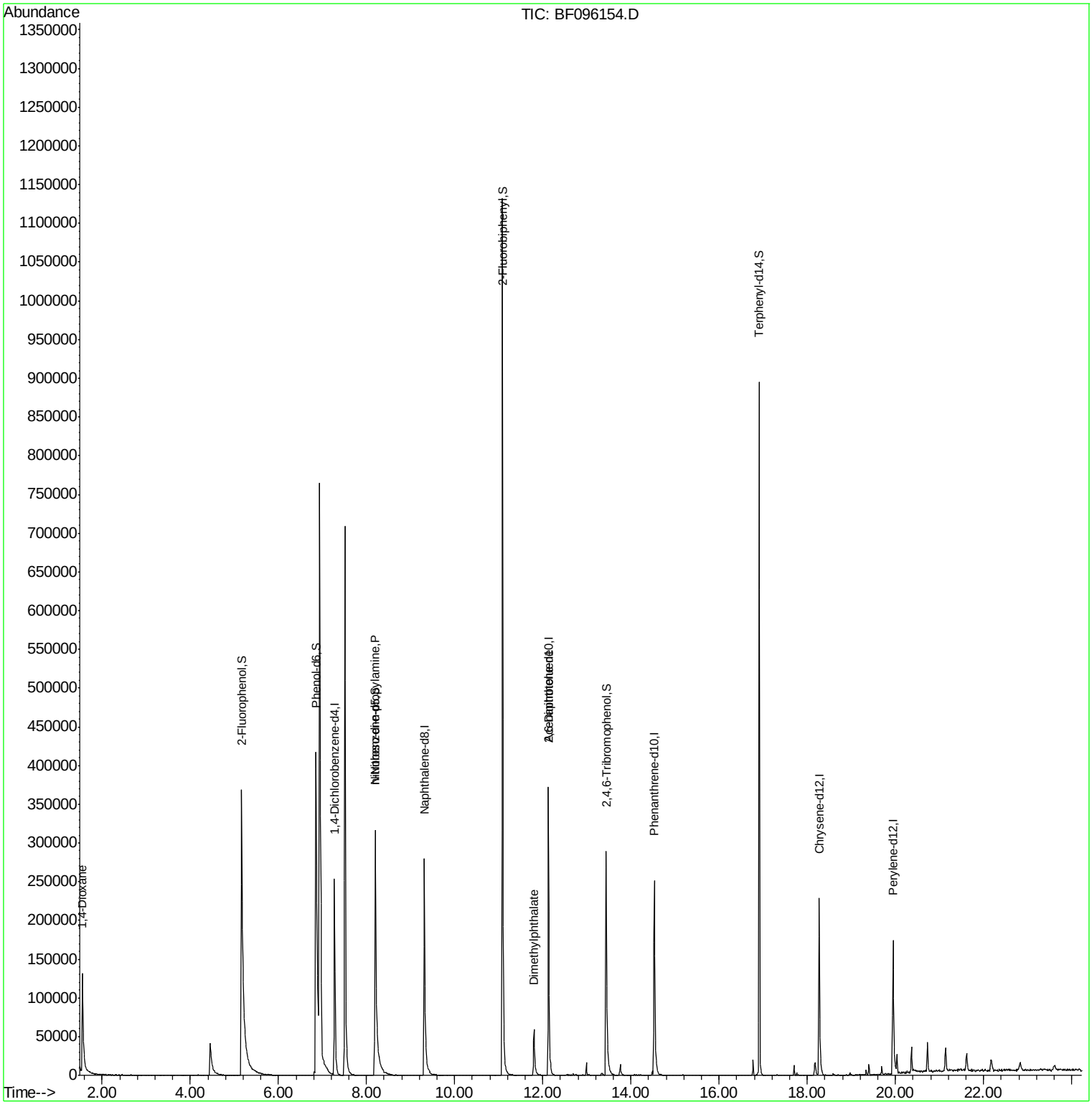
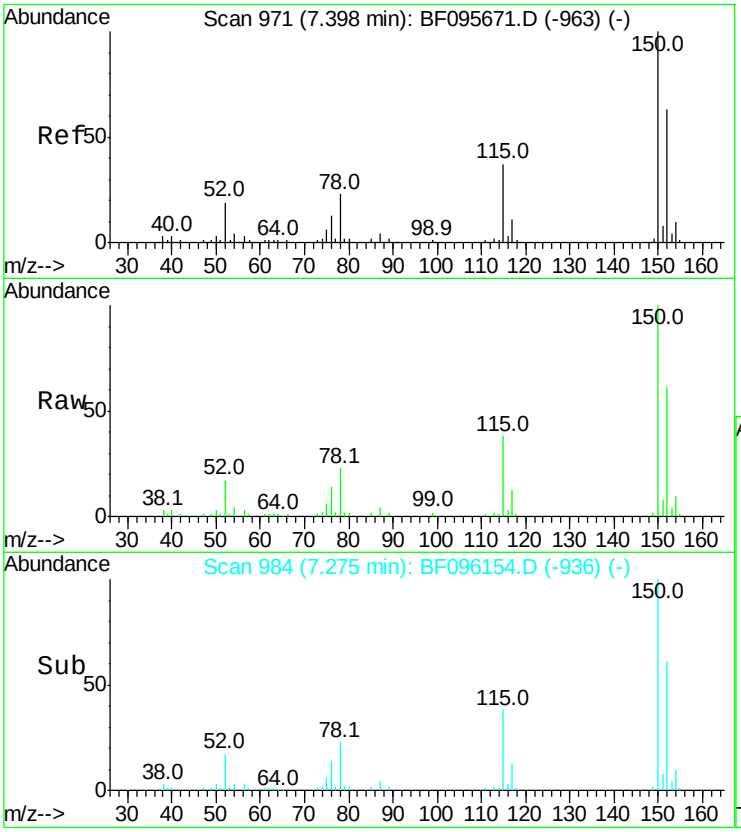


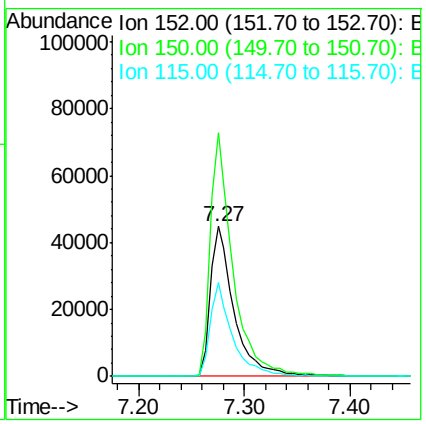


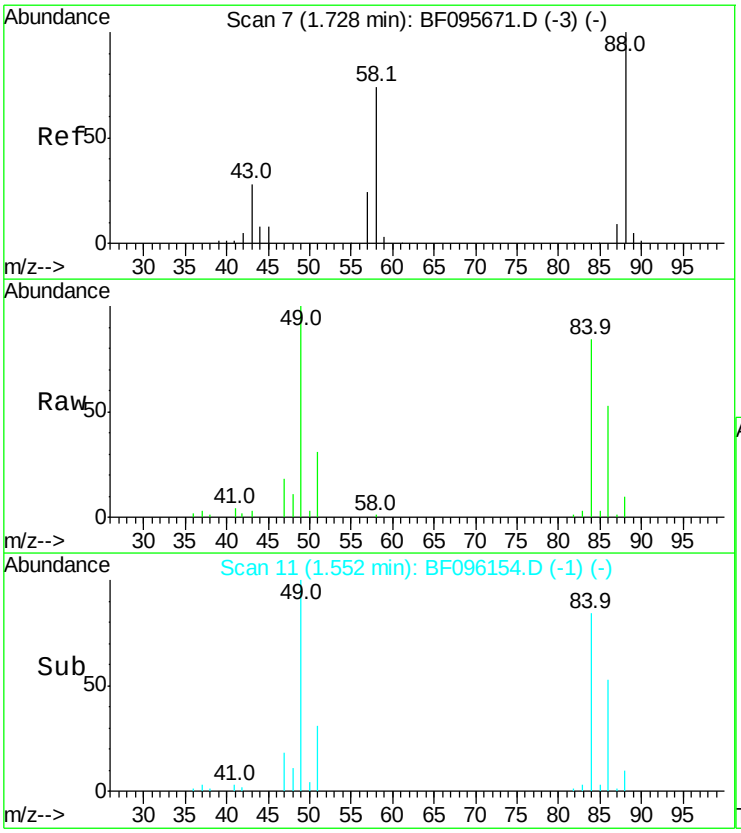
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF096154.D
Acq: 23 Jun 2017 9:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 70158

Ion	Ratio	Lower	Upper
152	100		
150	162.7	126.2	189.2
115	62.3	52.2	78.2

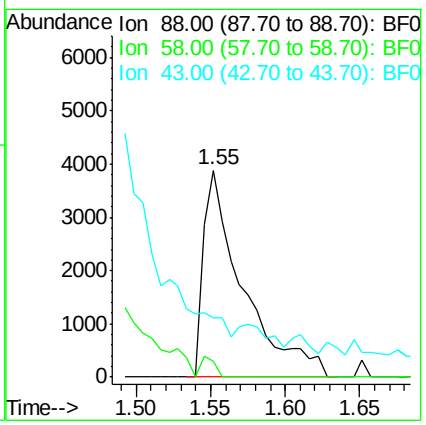


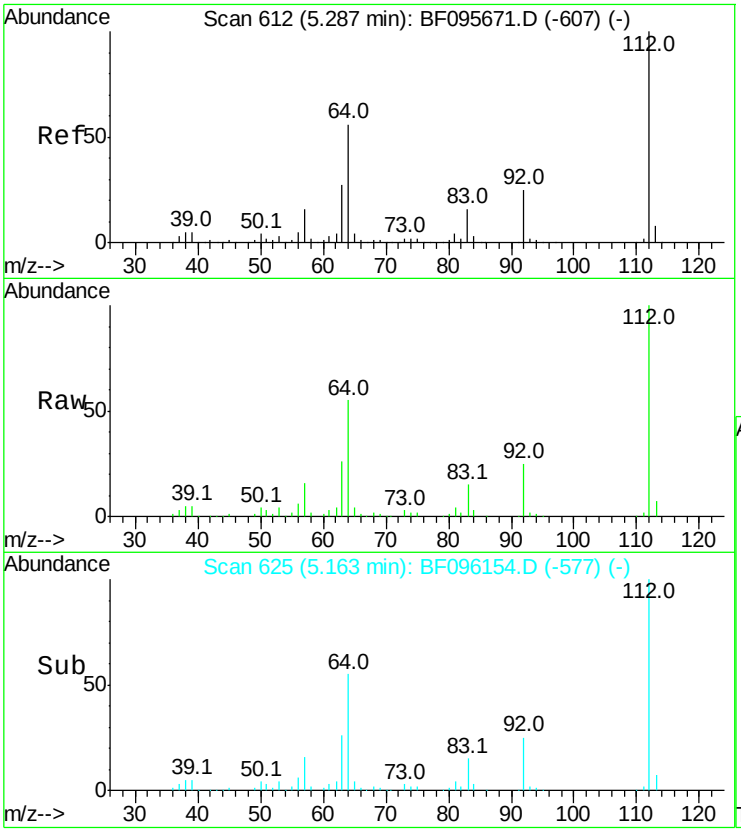


#2
1,4-Dioxane
Concen: 3.38 ng
RT: 1.55 min Scan# 11
Delta R.T. -0.06 min
Lab File: BF096154.D
Acq: 23 Jun 2017 9:42

Tgt Ion: 88 Resp: 7072

Ion	Ratio	Lower	Upper
88	100		
58	3.5	61.4	92.0#
43	0.0	23.4	35.0#



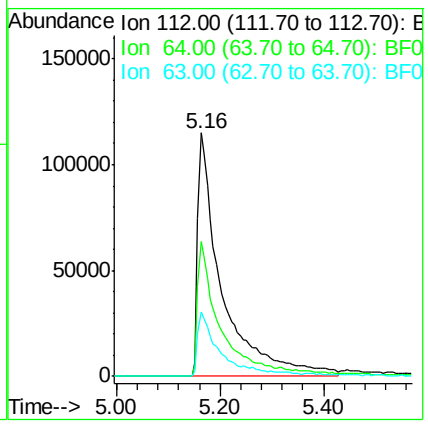


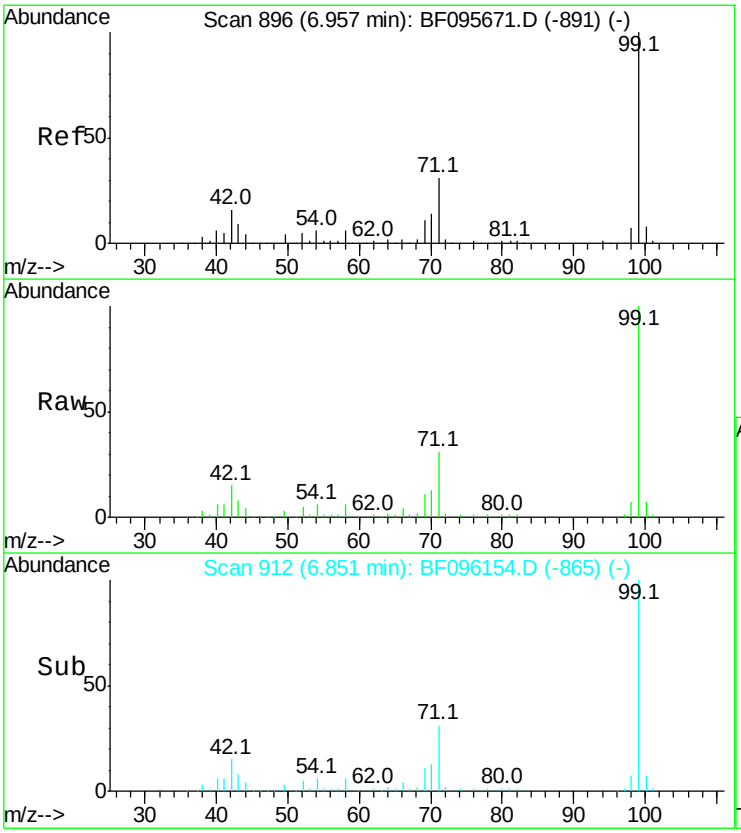
#5
2-Fluorophenol
Concen: 84.28 ng
RT: 5.16 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF096154.D
Acq: 23 Jun 2017 9:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 371065

Ion	Ratio	Lower	Upper
112	100		
64	55.5	46.0	69.0
63	26.3	23.4	35.0

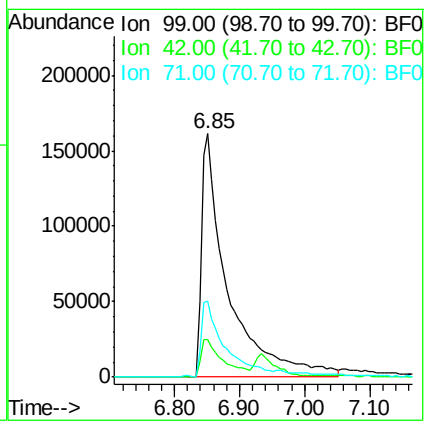


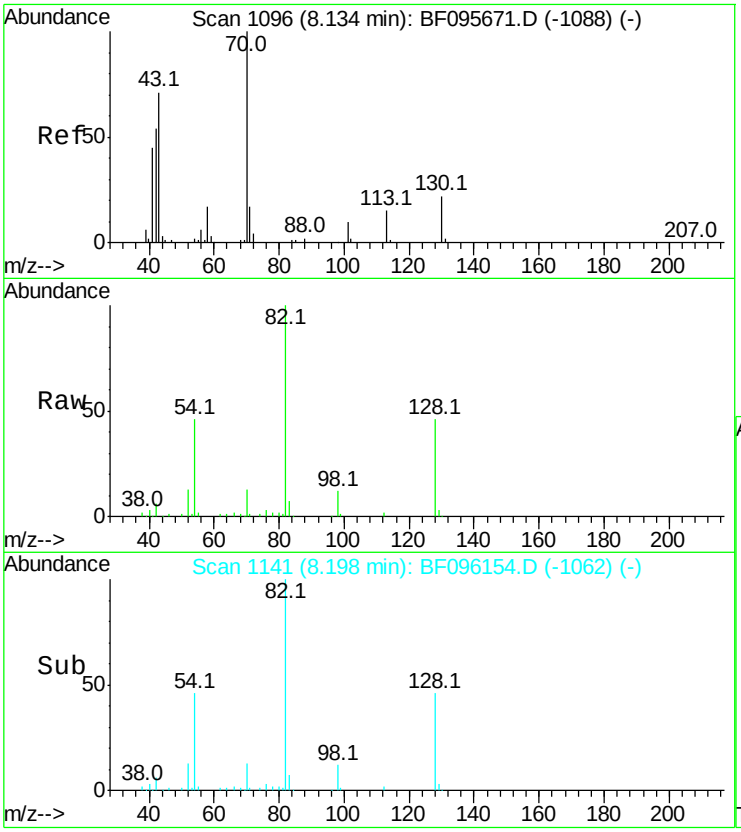


#7
Phenol-d6
Concen: 85.50 ng
RT: 6.85 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF096154.D
Acq: 23 Jun 2017 9:42

Tgt Ion: 99 Resp: 450647

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.5	20.3
71	31.0	24.5	36.7



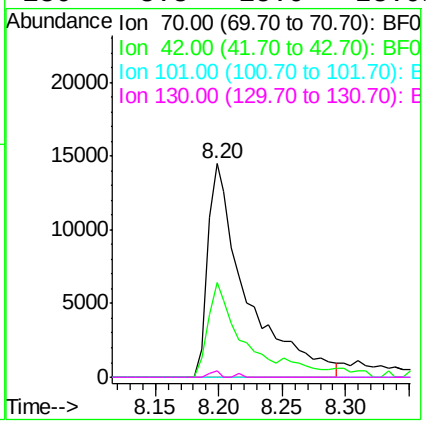


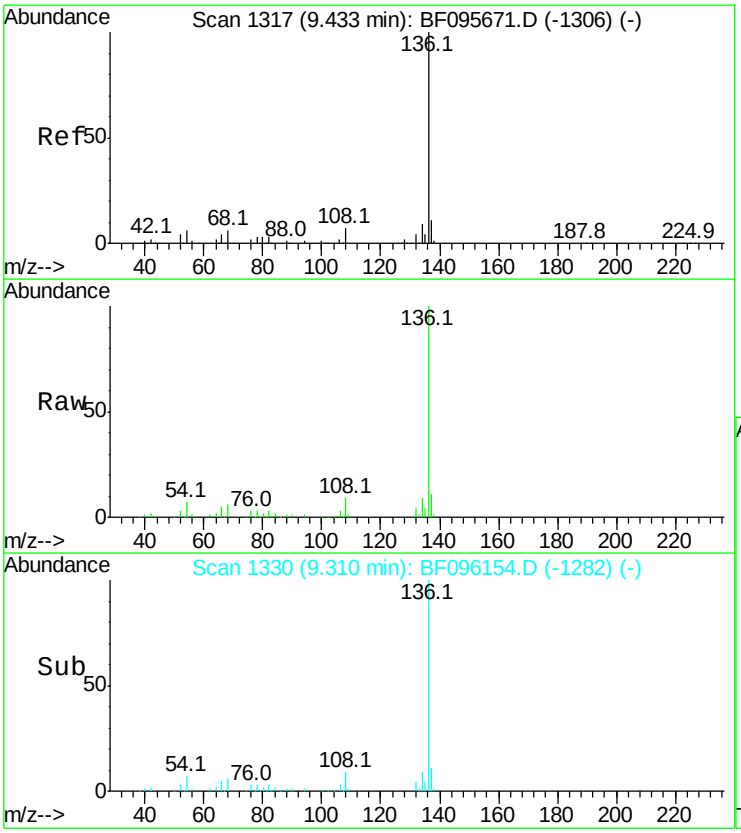
#19
n-Nitroso-di-n-propylamine
Concen: 9.25 ng
RT: 8.20 min Scan# 1141
Delta R.T. 0.16 min
Lab File: BF096154.D
Acq: 23 Jun 2017 9:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 30889

Ion	Ratio	Lower	Upper
70	100		
42	44.4	47.2	70.8#
101	0.0	7.2	10.8#
130	3.3	15.9	23.9#

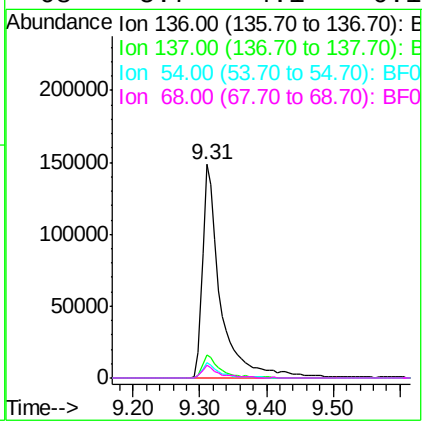


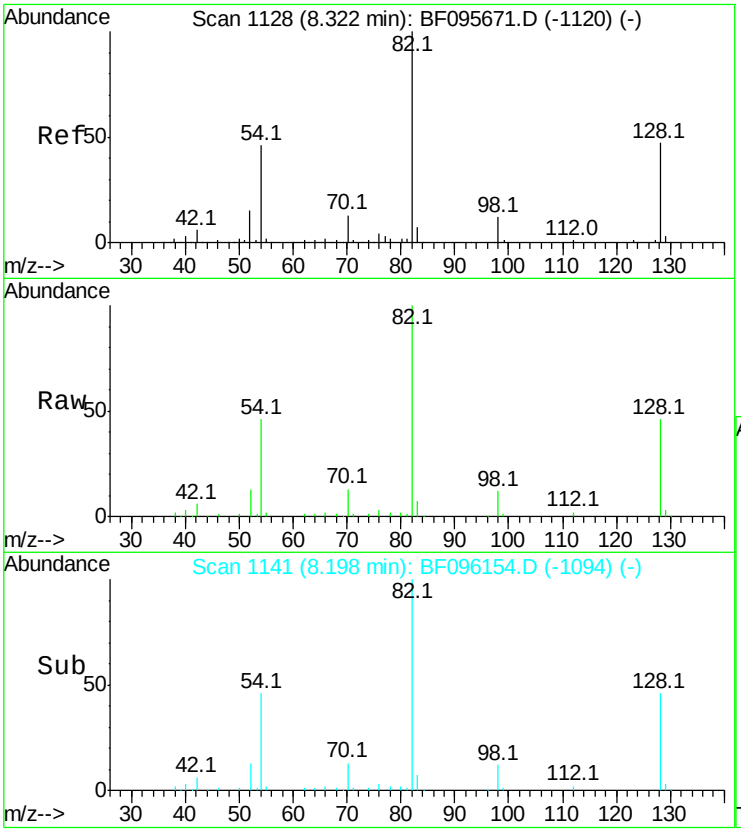


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.31 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF096154.D
Acq: 23 Jun 2017 9:42

Tgt Ion:136 Resp: 278197

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.5	4.9	7.3#
68	5.7	4.1	6.1

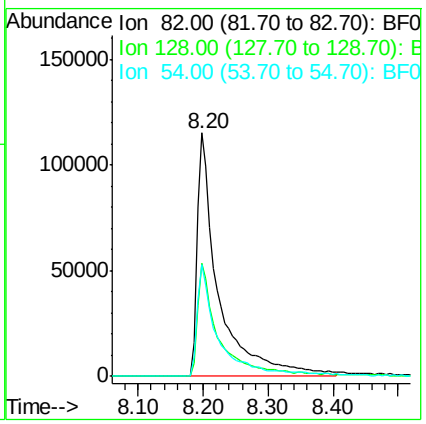




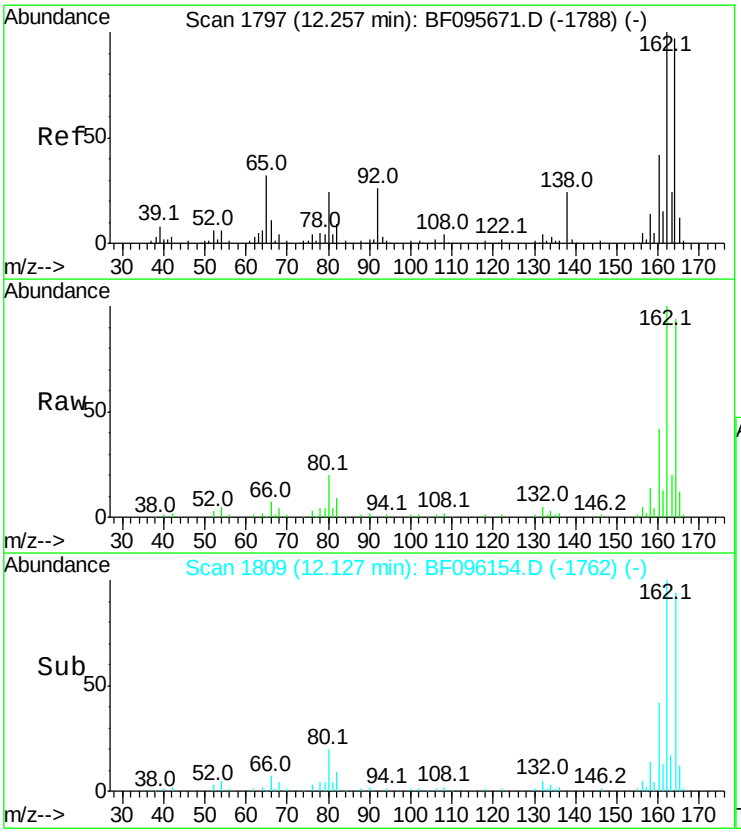
#23
Nitrobenzene-d5
Concen: 58.32 ng
RT: 8.20 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF096154.D
Acq: 23 Jun 2017 9:42

Tgt Ion: 82 Resp: 261246

Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	45.7	42.2	63.2



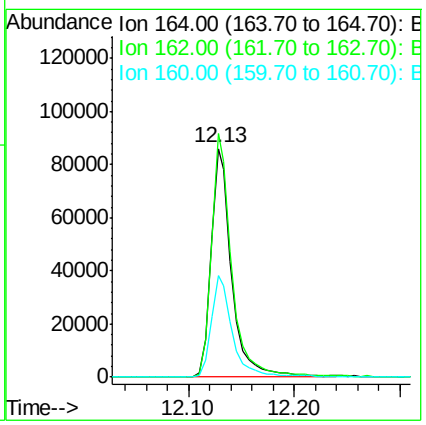
Instrument :
BNA_F
ClientSampleId :

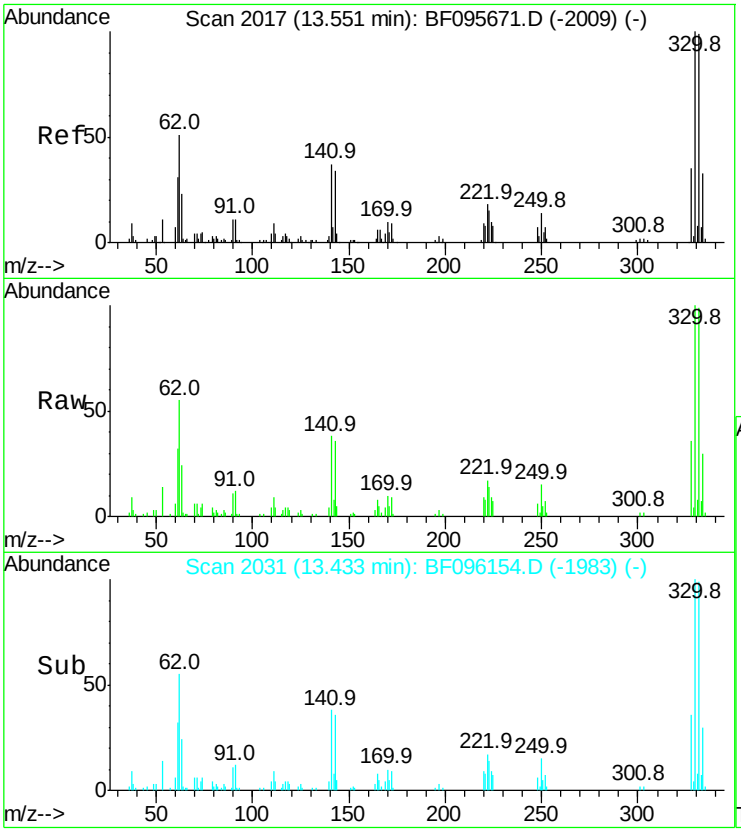


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.13 min Scan# 1809
Delta R.T. -0.02 min
Lab File: BF096154.D
Acq: 23 Jun 2017 9:42

Tgt Ion:164 Resp: 118081

Ion	Ratio	Lower	Upper
164	100		
162	106.6	82.6	123.8
160	44.5	36.2	54.2



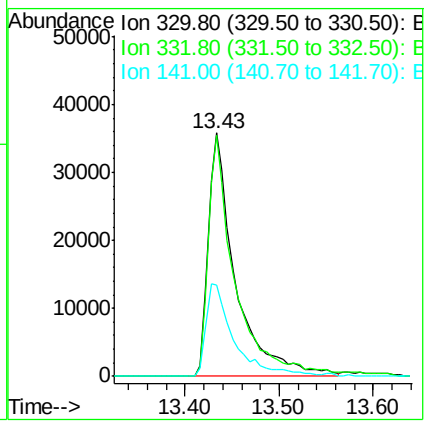


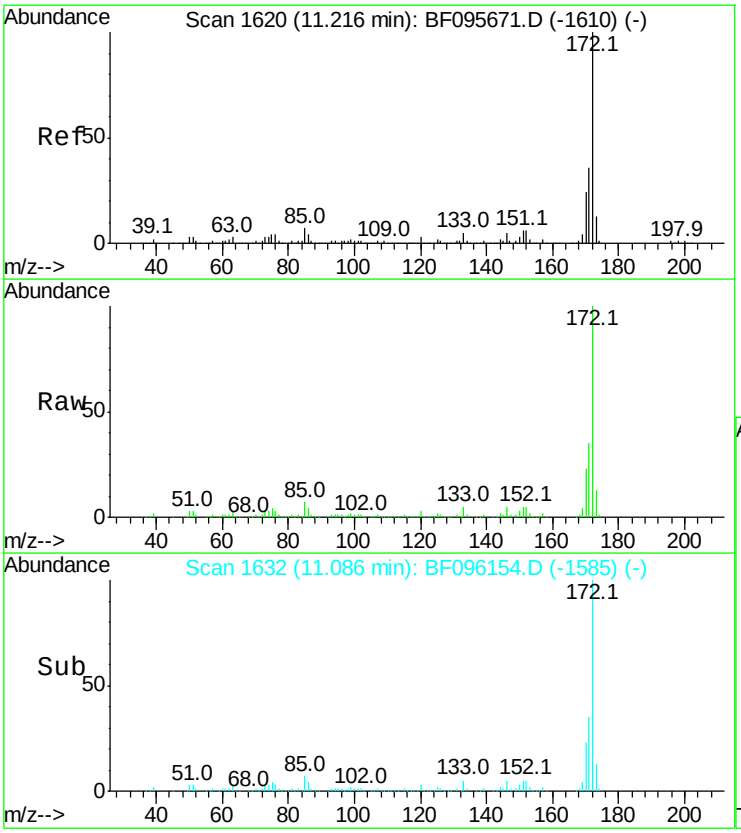
#41
2,4,6-Tribromophenol
Concen: 69.67 ng
RT: 13.43 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF096154.D
Acq: 23 Jun 2017 9:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 72790

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	38.9	31.4	47.2

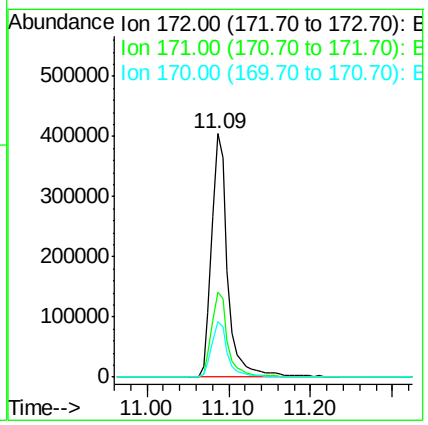


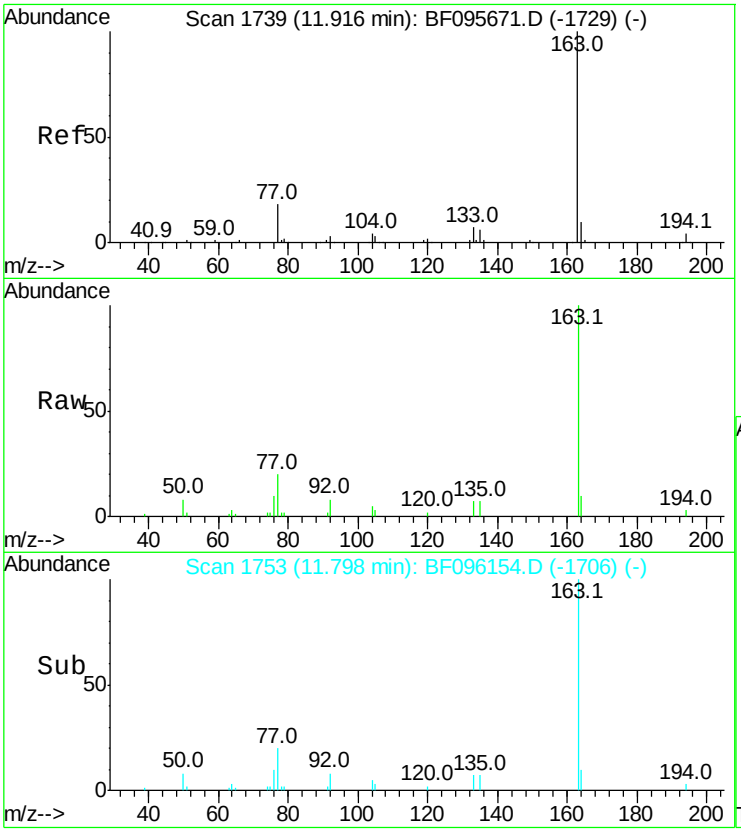


#44
2-Fluorobiphenyl
Concen: 65.50 ng
RT: 11.09 min Scan# 1632
Delta R.T. -0.02 min
Lab File: BF096154.D
Acq: 23 Jun 2017 9:42

Tgt Ion:172 Resp: 555814

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	22.7	19.8	29.8



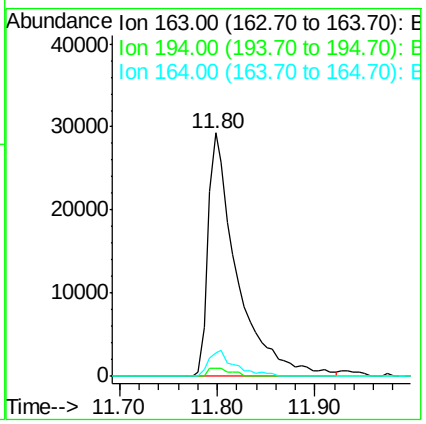


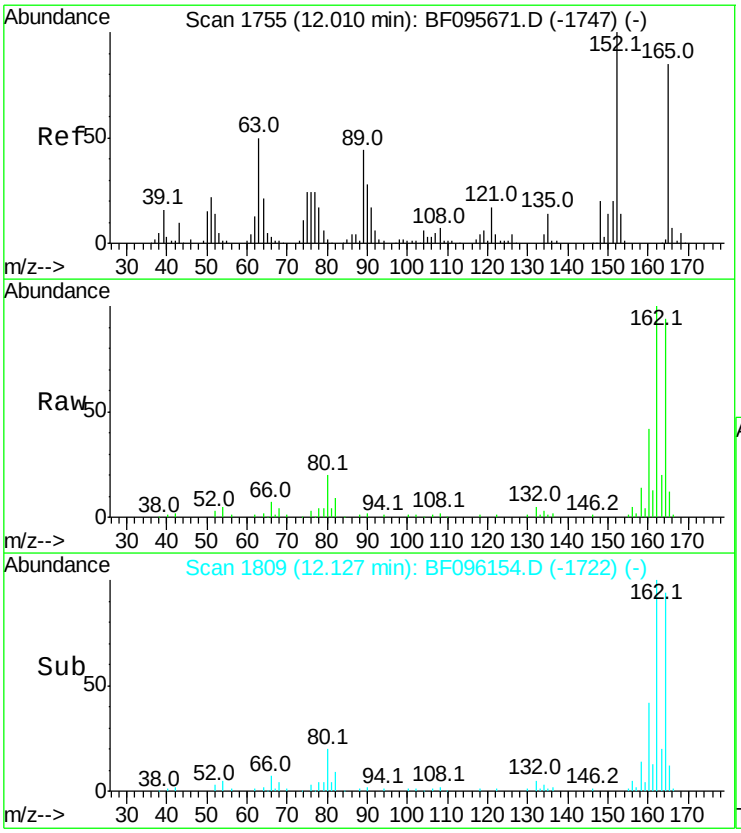
#49
Dimethylphthalate
Concen: 6.74 ng
RT: 11.80 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF096154.D
Acq: 23 Jun 2017 9:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 60465

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.9	8.4	12.6

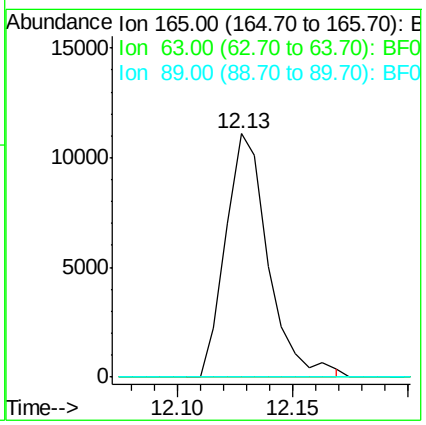


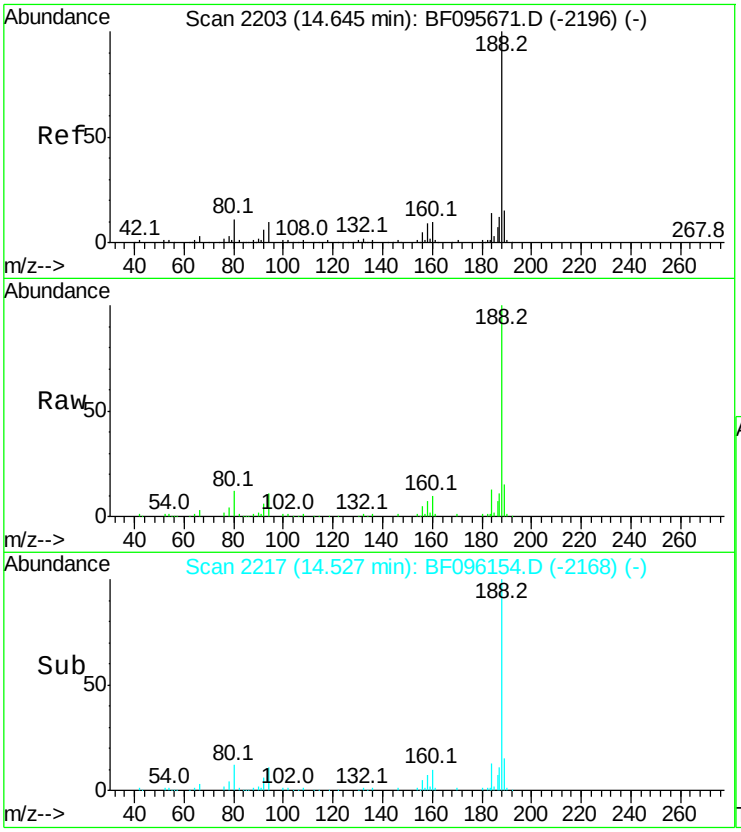


#50
2,6-Dinitrotoluene
Concen: 7.29 ng
RT: 12.13 min Scan# 1809
Delta R.T. 0.21 min
Lab File: BF096154.D
Acq: 23 Jun 2017 9:42

Tgt Ion:165 Resp: 14251

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



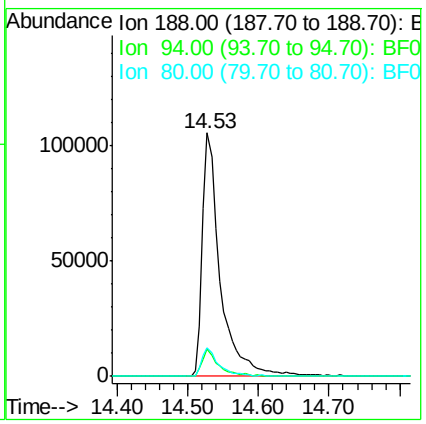


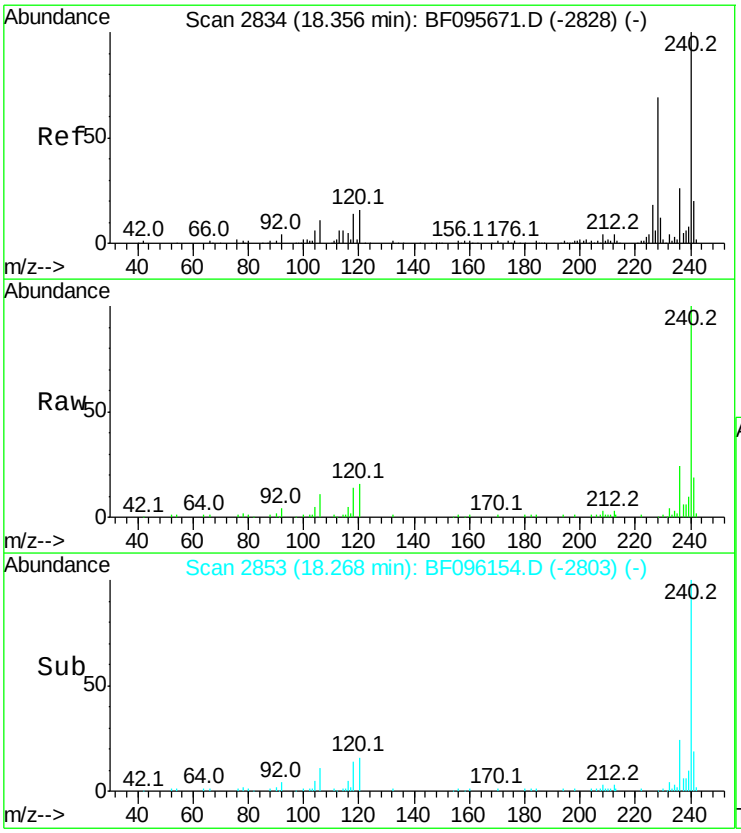
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF096154.D
Acq: 23 Jun 2017 9:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 188456

Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	11.7	10.2	15.2

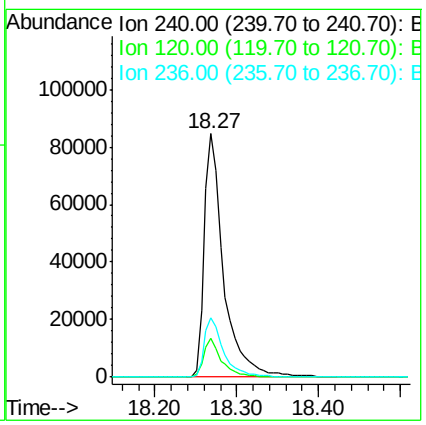


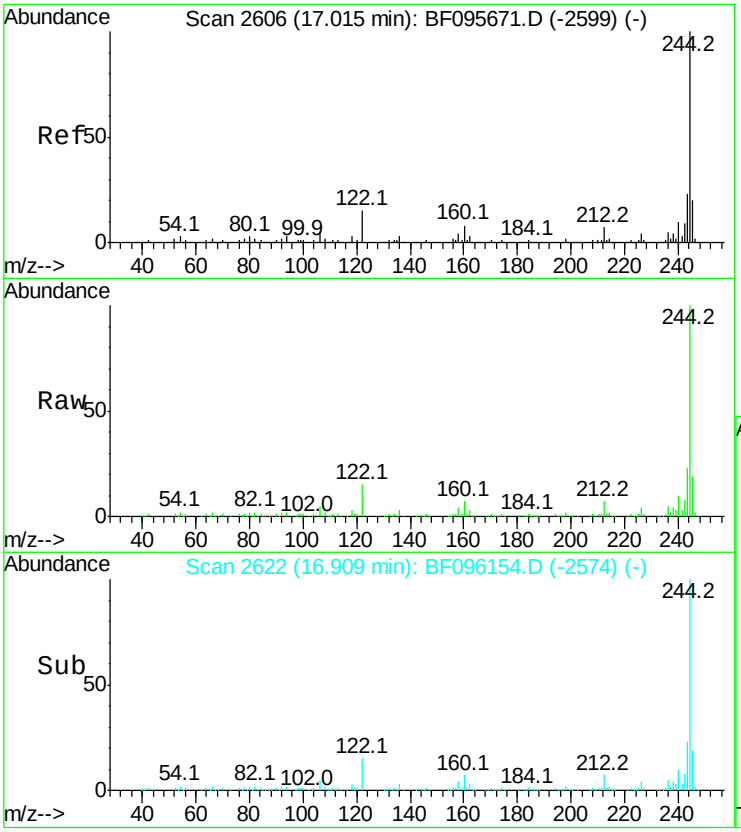


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF096154.D
Acq: 23 Jun 2017 9:42

Tgt Ion:240 Resp: 139078

Ion	Ratio	Lower	Upper
240	100		
120	16.0	5.8	8.8#
236	24.4	20.5	30.7



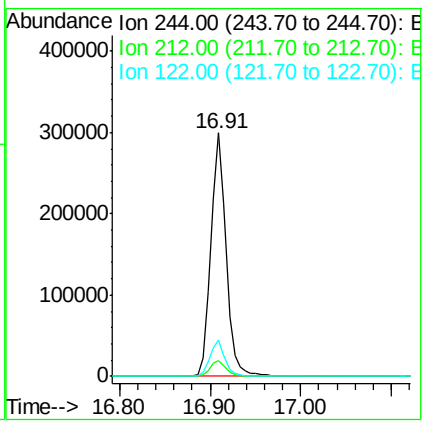


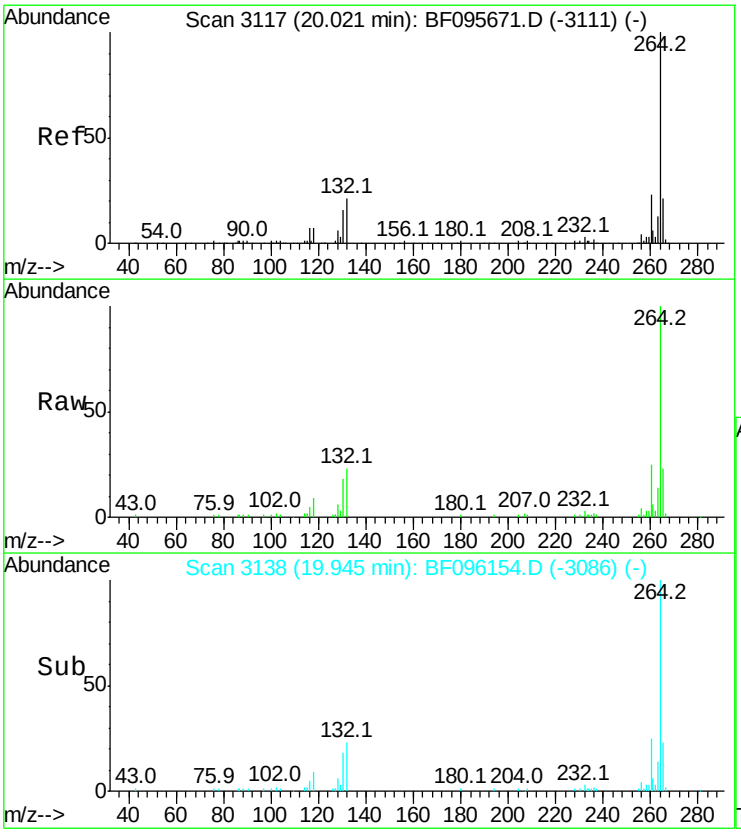
#78
Terphenyl-d14
Concen: 62.75 ng
RT: 16.91 min Scan# 2622
Delta R.T. -0.02 min
Lab File: BF096154.D
Acq: 23 Jun 2017 9:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 351641

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.7	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096154.D
Acq: 23 Jun 2017 9:42

Tgt Ion:264 Resp: 118298

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.9	17.2	25.8