Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095555.D
Acq On : 31 May 2017 5:03
Operator : SJ/MA
Sample : I3388-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-B29-B35-002

Quant Time: May 31 08:45:17 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	79539	20.00	ng		0.00
21) Naphthalene-d8	9.75	136	302755	20.00	ng		0.00
38) Acenaphthene-d10	12.60	164	119631	20.00	ng		0.00
63) Phenanthrene-d10	15.01	188	180106	20.00	ng		0.00
75) Chrysene-d12	18.68	240	176572	20.00	ng		0.00
86) Perylene-d12	20.37	264	100951	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	622958	130.58	ng		0.01
7) Phenol-d6	7.30	99	675486	118.01	ng		0.00
23) Nitrobenzene-d5	8.64	82	433277	90.24	ng		-0.01
41) 2,4,6-Tribromophenol	13.91	330	120287	122.77	ng		0.00
44) 2-Fluorobiphenyl	11.53	172	846534	101.85	ng		0.00
78) Terphenyl-d14	17.32	244	654522	81.65	ng		0.00
Target Compounds							Qvalue
17) 2-Methylphenol	8.35	107	11769	2.65	ng	#	95
27) 2,4-Dimethylphenol	9.38	122	40609	9.25	ng		97
31) Naphthalene	9.79	128	1256785	82.59	ng		100
37) 2-Methylnaphthalene	10.92	142	112960	11.31	ng		96
51) Acenaphthene	12.65	154	25419	3.34	ng		96
57) Fluorene	13.50	166	18531	2.02	ng	#	85
70) Phenanthrene	15.05	178	23771	2.30	ng		97
72) Carbazole	15.44	167	52752	5.48	ng		97

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

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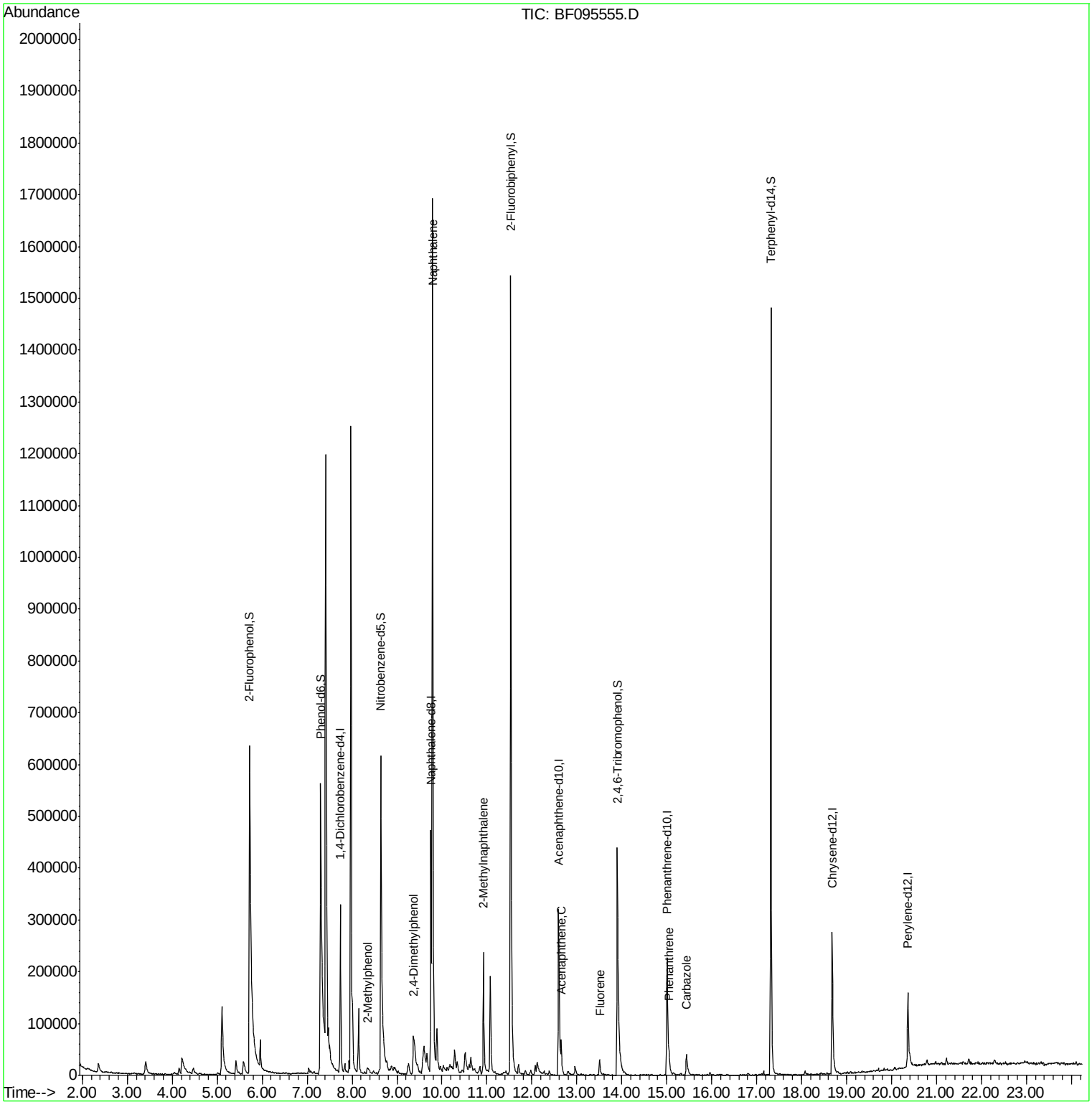
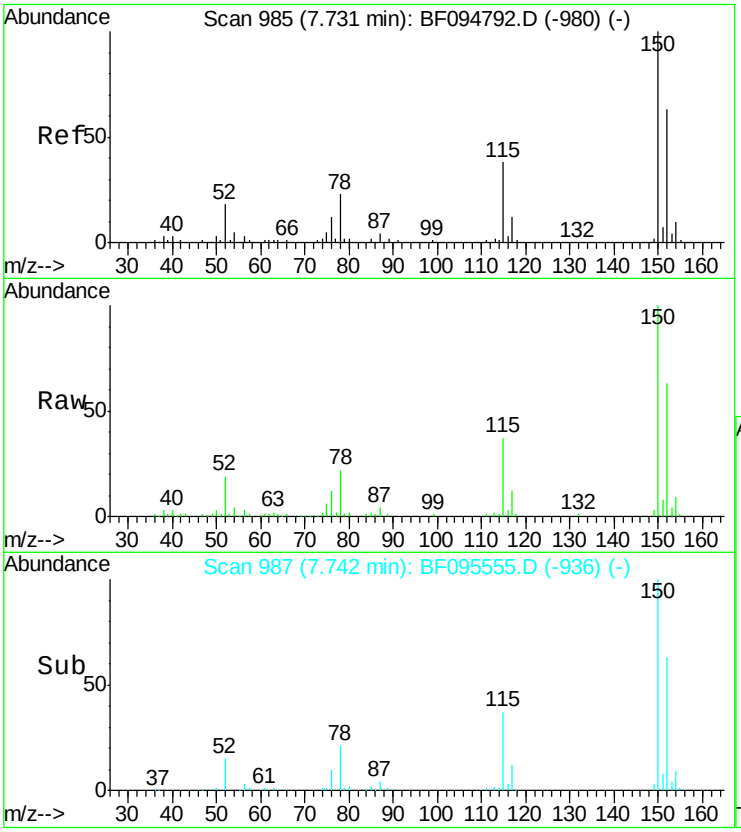


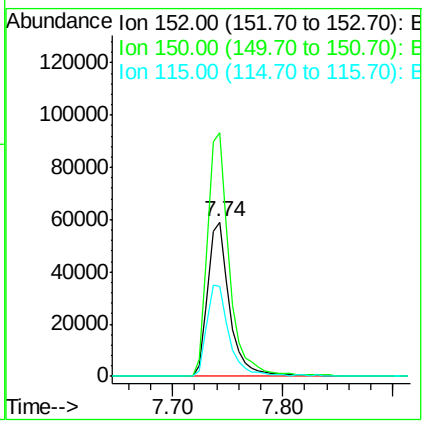


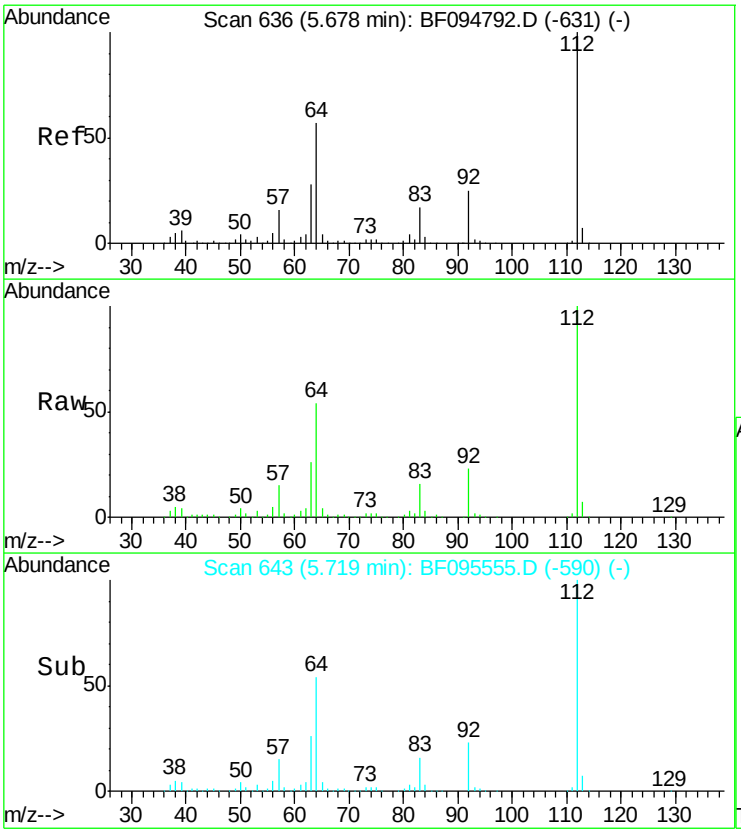
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF095555.D
Acq: 31 May 2017 5:03

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-002

Tgt Ion:152 Resp: 79539

Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.2	189.2
115	58.5	52.2	78.2

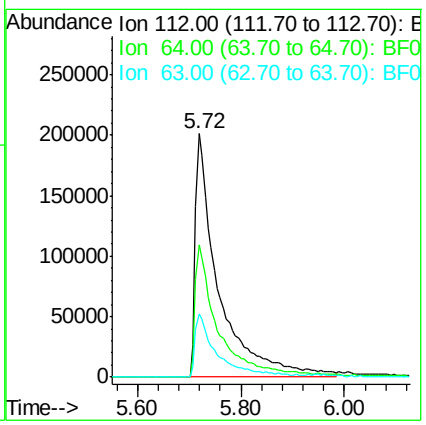


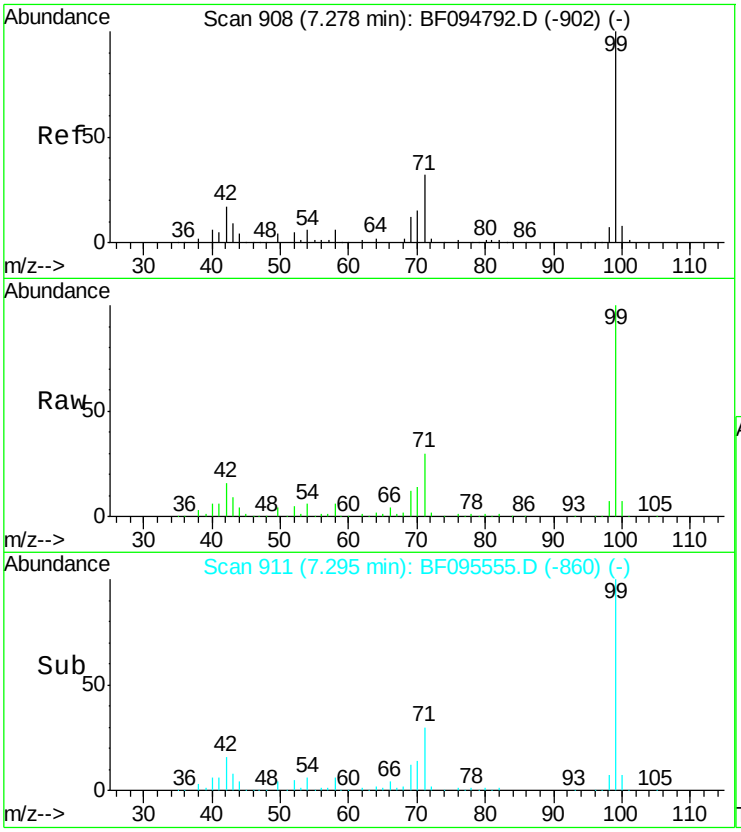


#5
2-Fluorophenol
Concen: 130.58 ng
RT: 5.72 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF095555.D
Acq: 31 May 2017 5:03

Tgt Ion:112 Resp: 622958

Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.0	69.0
63	25.7	23.4	35.0



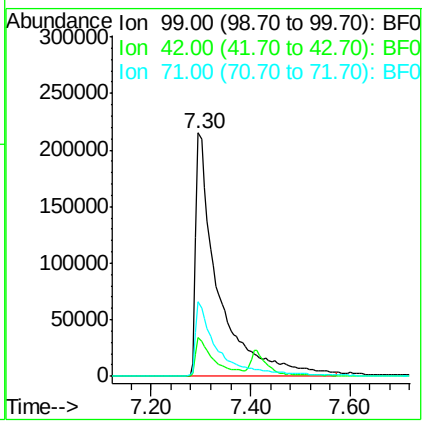


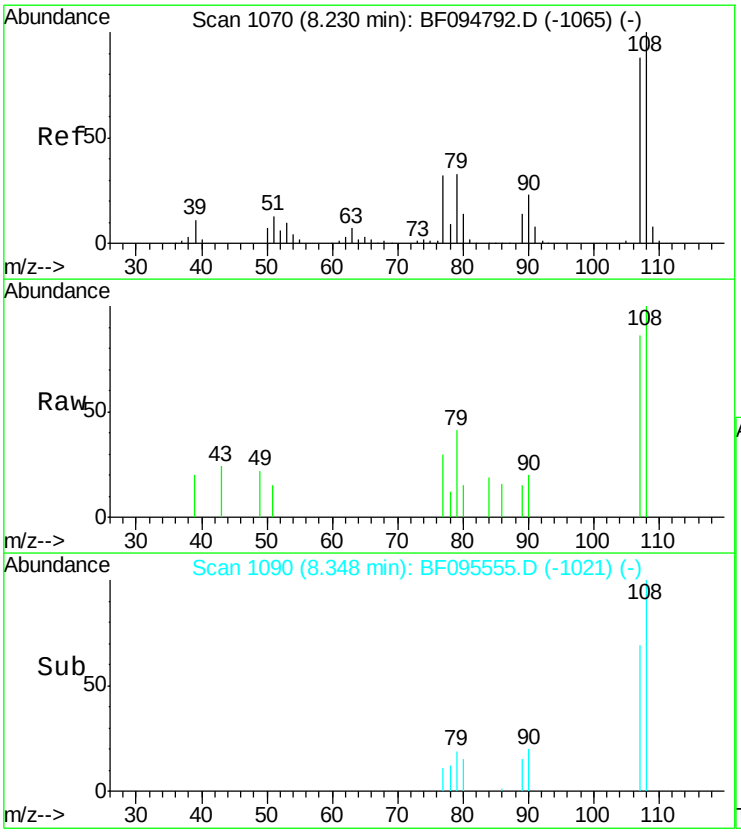
#7
Phenol-d6
Concen: 118.01 ng
RT: 7.30 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF095555.D
Acq: 31 May 2017 5:03

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-002

Tgt Ion: 99 Resp: 675486

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	30.4	24.5	36.7

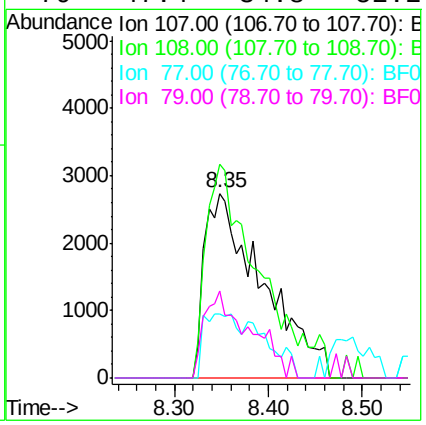


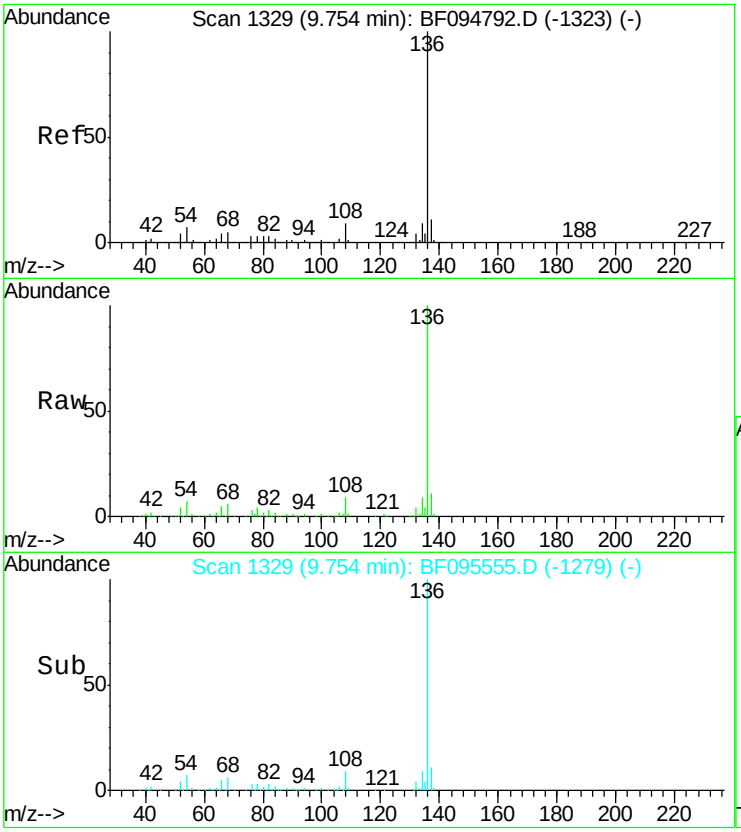


#17
2-Methylphenol
Concen: 2.65 ng
RT: 8.35 min Scan# 1090
Delta R.T. 0.11 min
Lab File: BF095555.D
Acq: 31 May 2017 5:03

Tgt Ion:107 Resp: 11769

Ion	Ratio	Lower	Upper
107	100		
108	115.8	93.4	140.0
77	34.7	35.8	53.6#
79	47.4	34.8	52.2



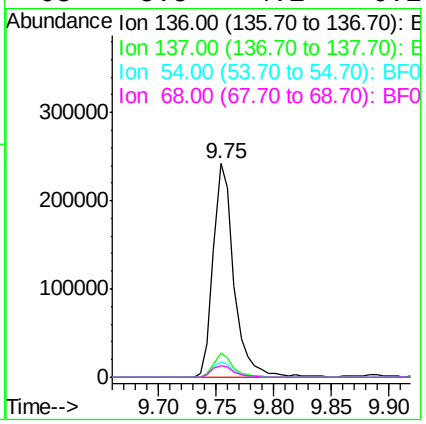


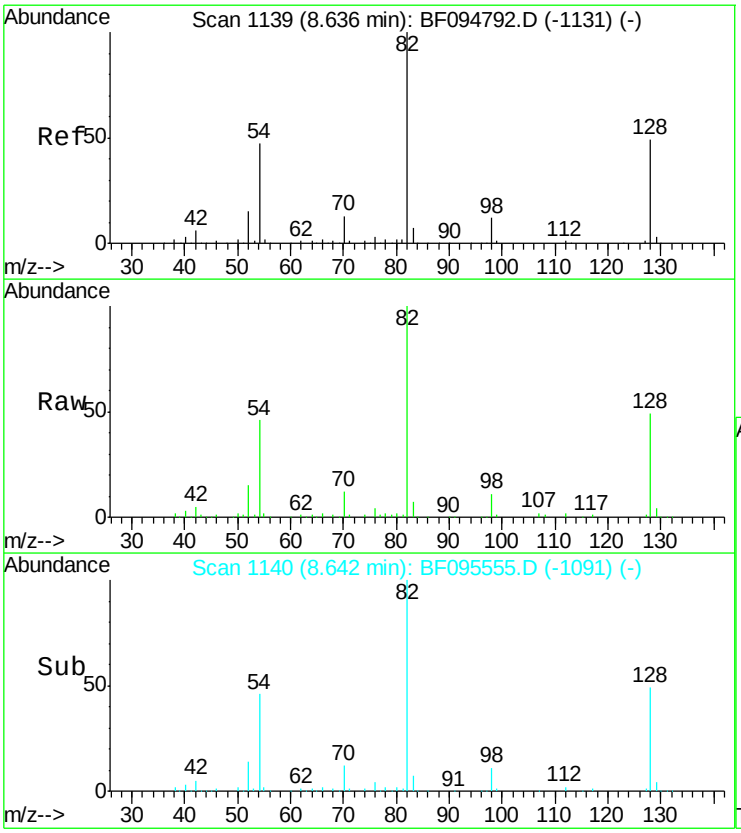
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.75 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF095555.D
Acq: 31 May 2017 5:03

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-002

Tgt Ion:136 Resp: 302755

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.0	4.9	7.3
68	5.5	4.1	6.1

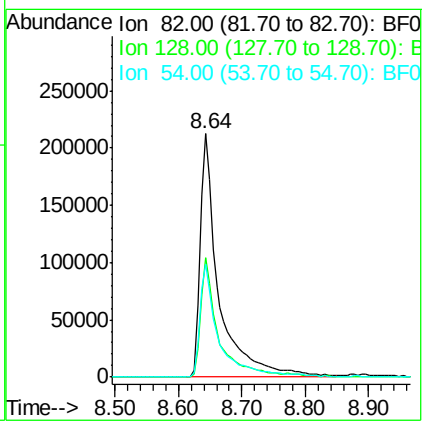


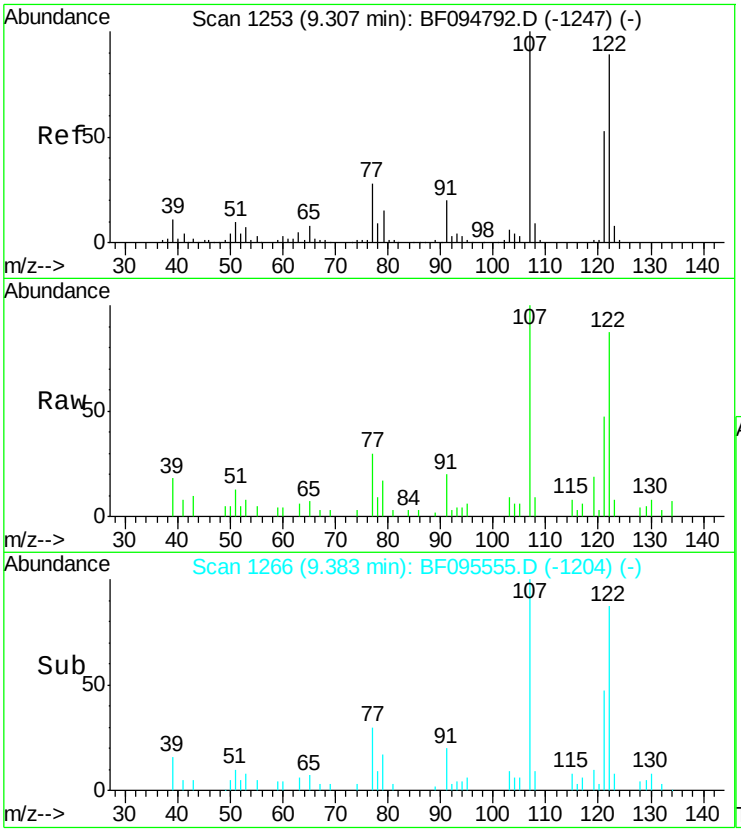


#23
Nitrobenzene-d5
Concen: 90.24 ng
RT: 8.64 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF095555.D
Acq: 31 May 2017 5:03

Tgt Ion: 82 Resp: 433277

Ion	Ratio	Lower	Upper
82	100		
128	49.0	34.0	51.0
54	46.4	42.2	63.2



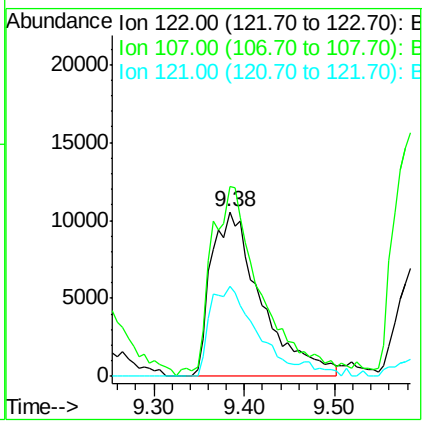


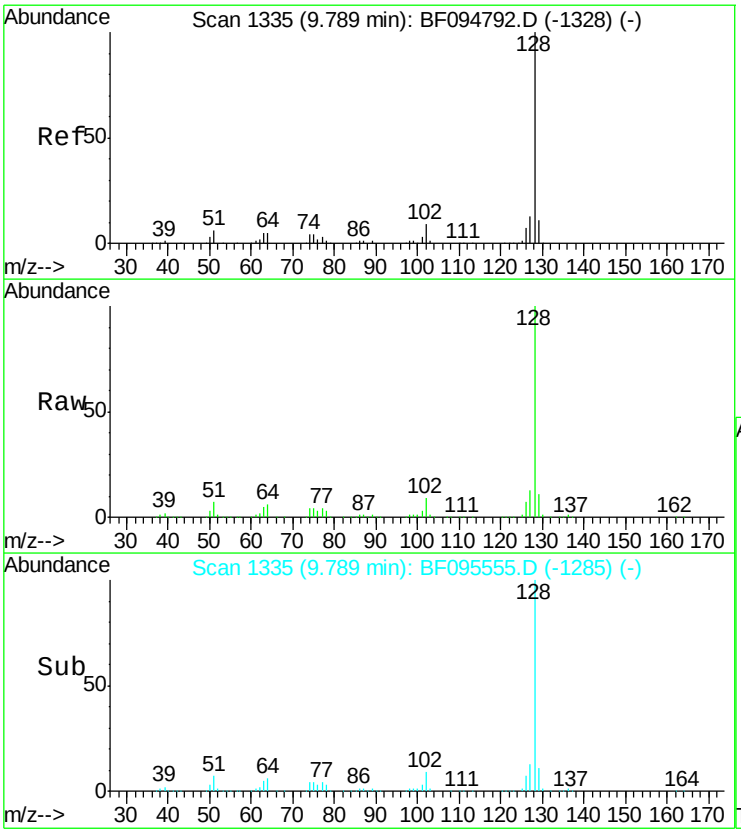
#27
2,4-Dimethylphenol
Concen: 9.25 ng
RT: 9.38 min Scan# 1266
Delta R.T. 0.06 min
Lab File: BF095555.D
Acq: 31 May 2017 5:03

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-002

Tgt Ion:122 Resp: 40609

Ion	Ratio	Lower	Upper
122	100		
107	115.0	89.2	133.8
121	54.6	45.2	67.8

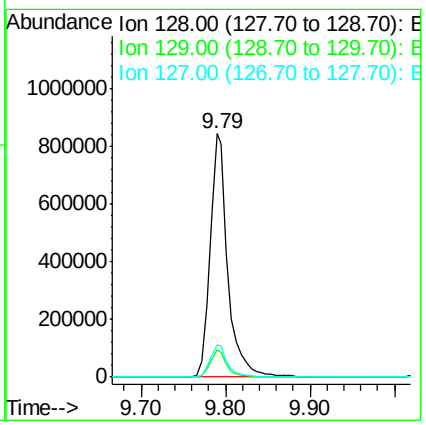


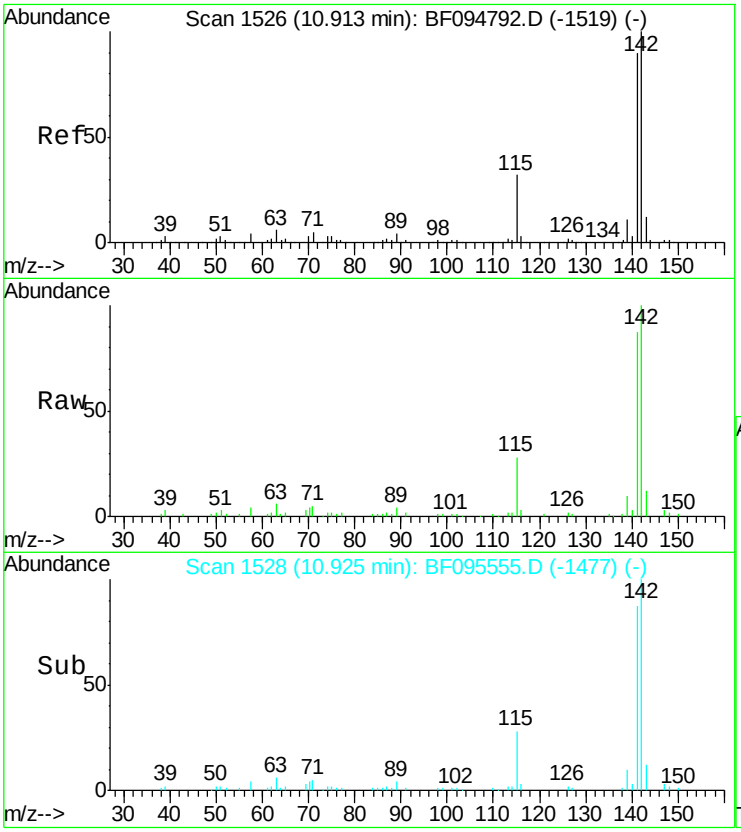


#31
Naphthalene
Concen: 82.59 ng
RT: 9.79 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF095555.D
Acq: 31 May 2017 5:03

Tgt Ion:128 Resp: 1256785

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.3	10.8	16.2



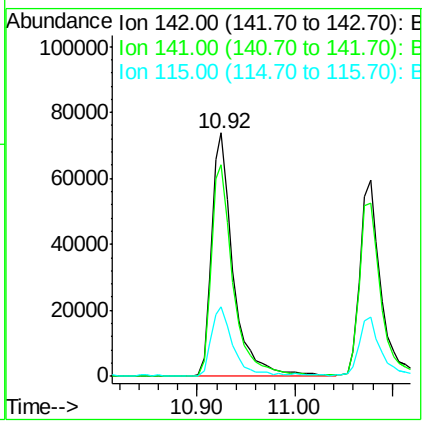


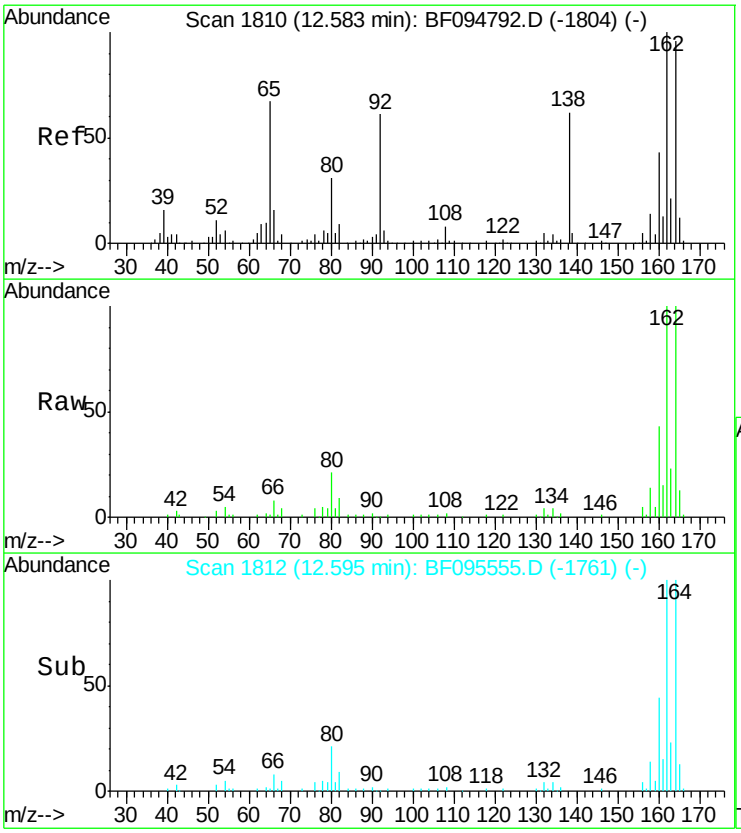
#37
2-Methylnaphthalene
Concen: 11.31 ng
RT: 10.92 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF095555.D
Acq: 31 May 2017 5:03

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-002

Tgt Ion:142 Resp: 112960

Ion	Ratio	Lower	Upper
142	100		
141	87.0	71.3	106.9
115	28.4	27.1	40.7

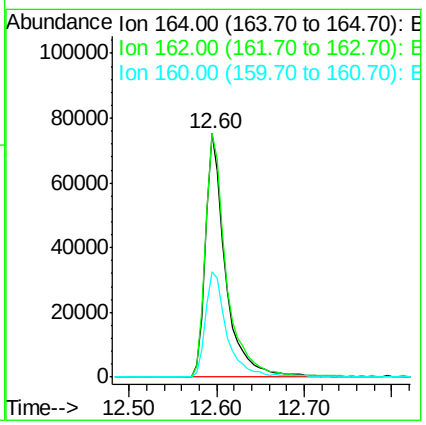


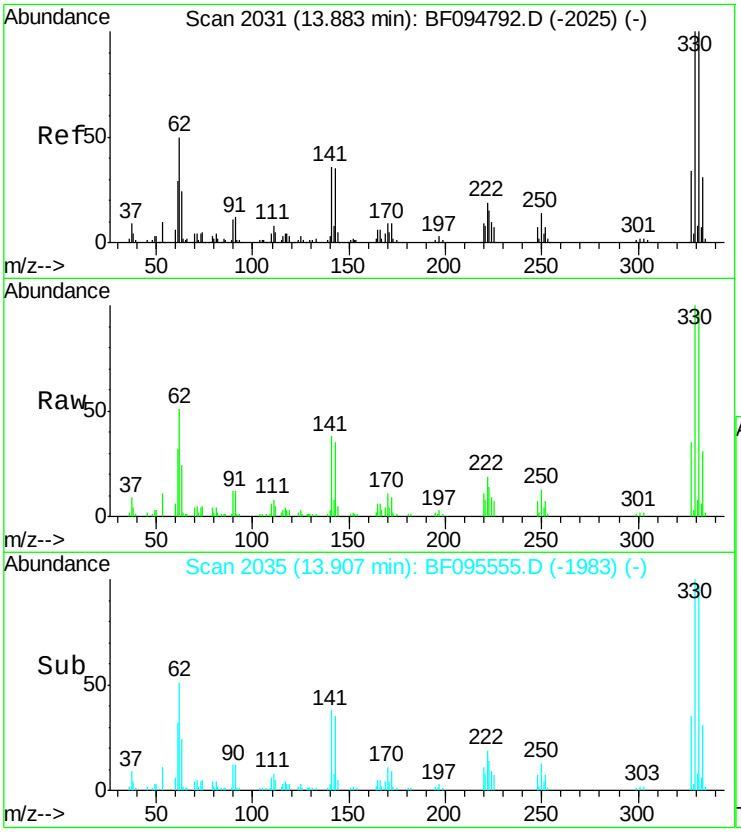


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BF095555.D
Acq: 31 May 2017 5:03

Tgt Ion:164 Resp: 119631

Ion	Ratio	Lower	Upper
164	100		
162	100.1	82.6	123.8
160	43.5	36.2	54.2



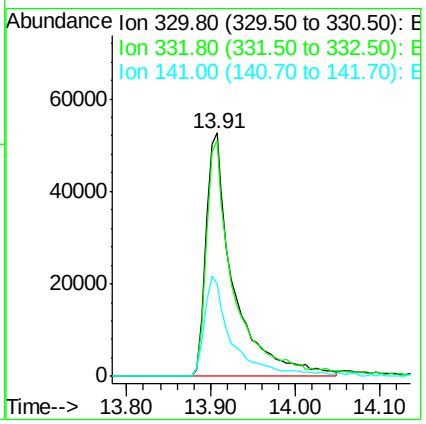


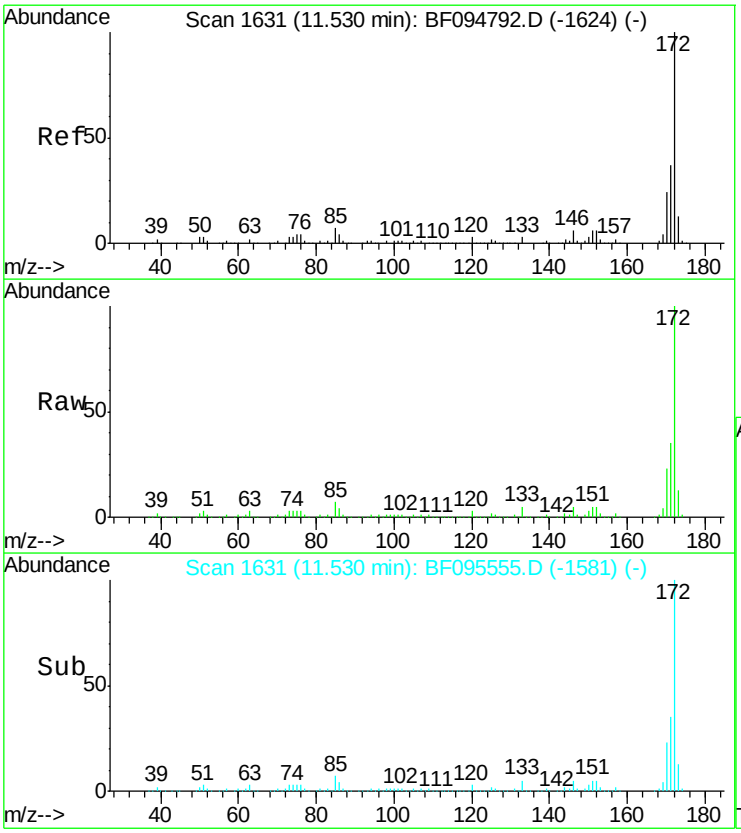
#41
2,4,6-Tribromophenol
Concen: 122.77 ng
RT: 13.91 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF095555.D
Acq: 31 May 2017 5:03

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-002

Tgt Ion:330 Resp: 120287

Ion	Ratio	Lower	Upper
330	100		
332	98.8	76.6	115.0
141	41.0	31.4	47.2

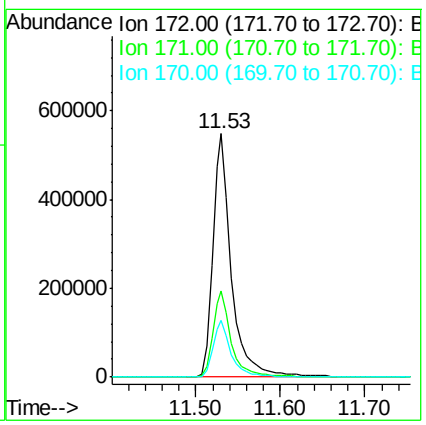


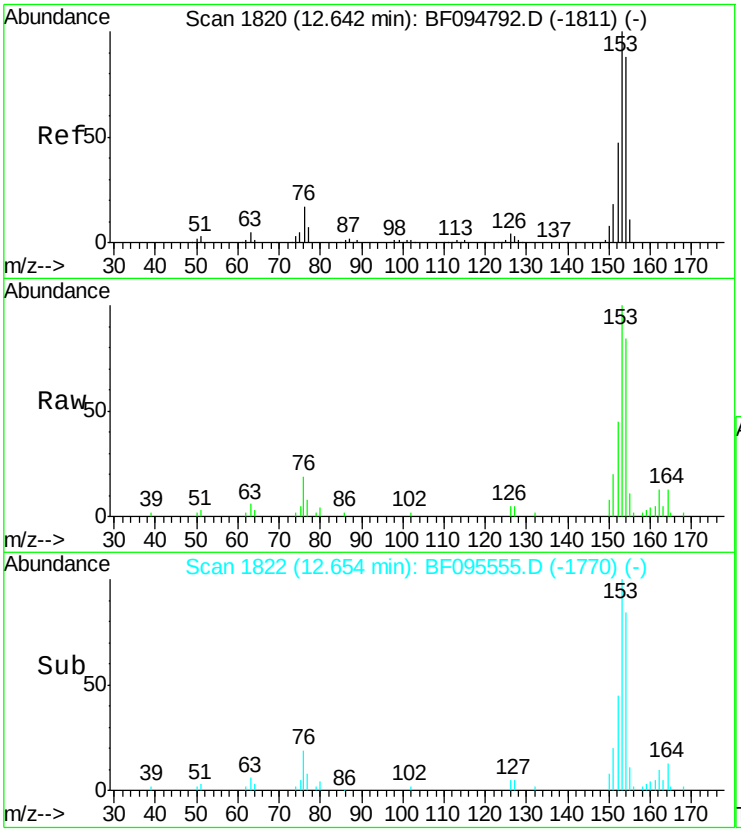


#44
2-Fluorobiphenyl
Concen: 101.85 ng
RT: 11.53 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BF095555.D
Acq: 31 May 2017 5:03

Tgt Ion:172 Resp: 846534

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.2	19.8	29.8



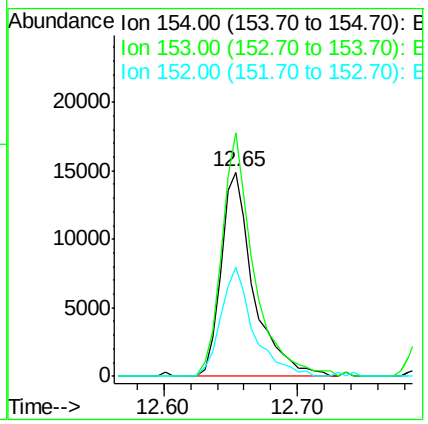


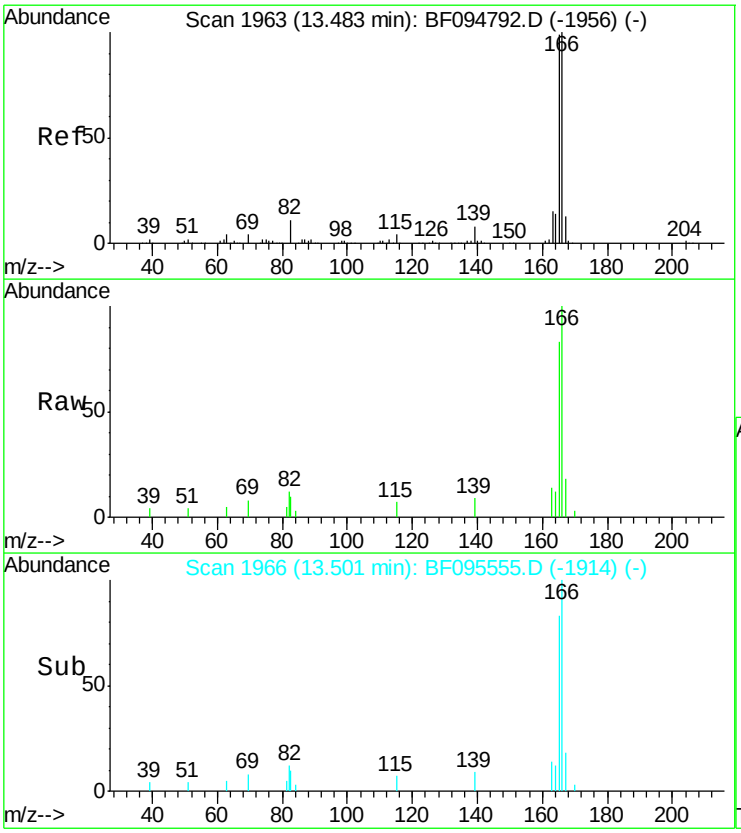
#51
Acenaphthene
Concen: 3.34 ng
RT: 12.65 min Scan# 1822
Delta R.T. 0.01 min
Lab File: BF095555.D
Acq: 31 May 2017 5:03

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-002

Tgt Ion:154 Resp: 25419

Ion	Ratio	Lower	Upper
154	100		
153	119.1	90.5	135.7
152	53.6	43.6	65.4

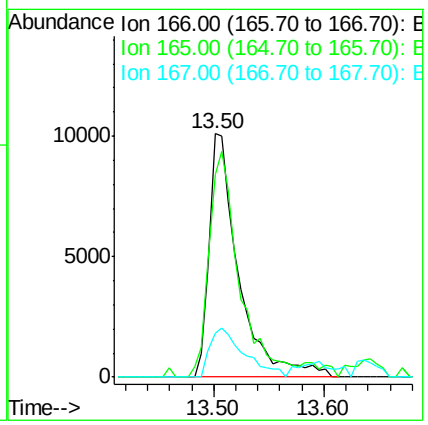


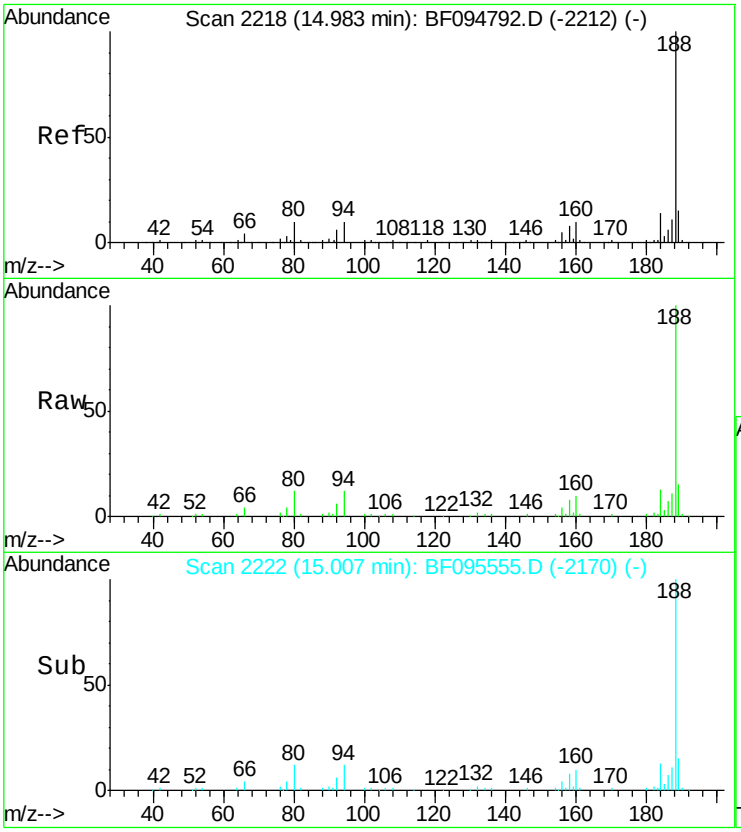


#57
Fluorene
Concen: 2.02 ng
RT: 13.50 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BF095555.D
Acq: 31 May 2017 5:03

Tgt Ion:166 Resp: 18531

Ion	Ratio	Lower	Upper
166	100		
165	83.5	78.8	118.2
167	17.8	10.6	16.0#



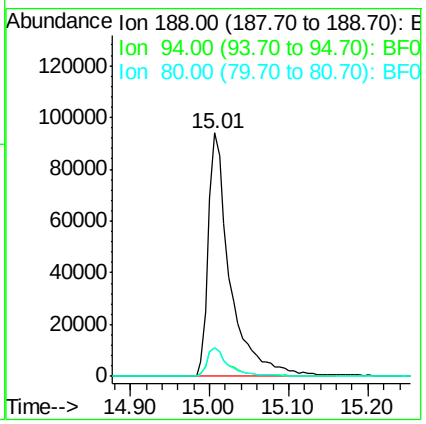


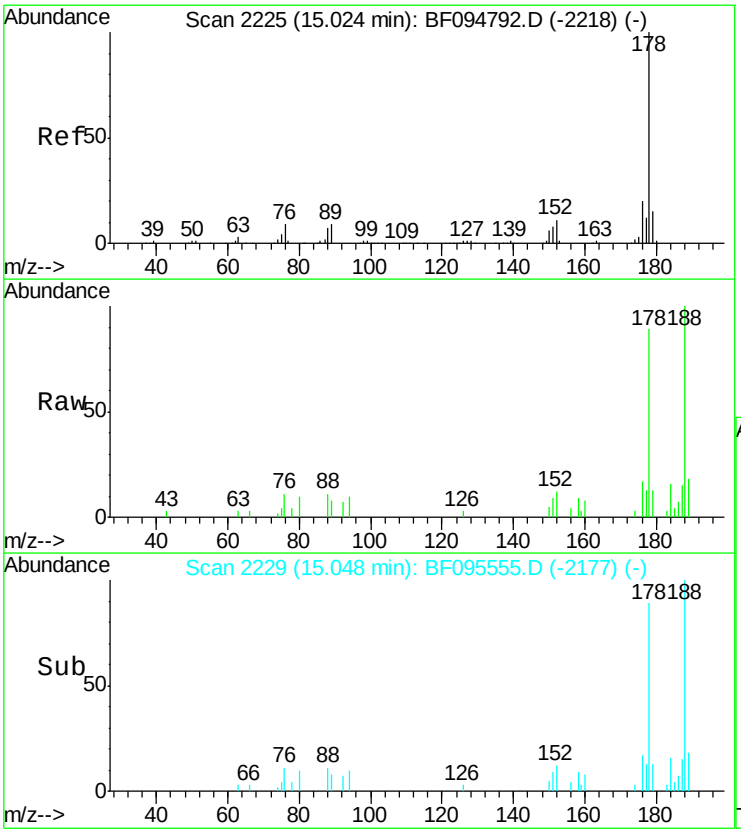
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BF095555.D
Acq: 31 May 2017 5:03

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-002

Tgt Ion:188 Resp: 180106

Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.4	14.2
80	11.8	10.2	15.2

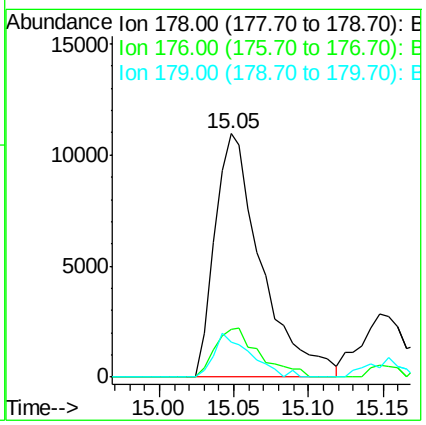


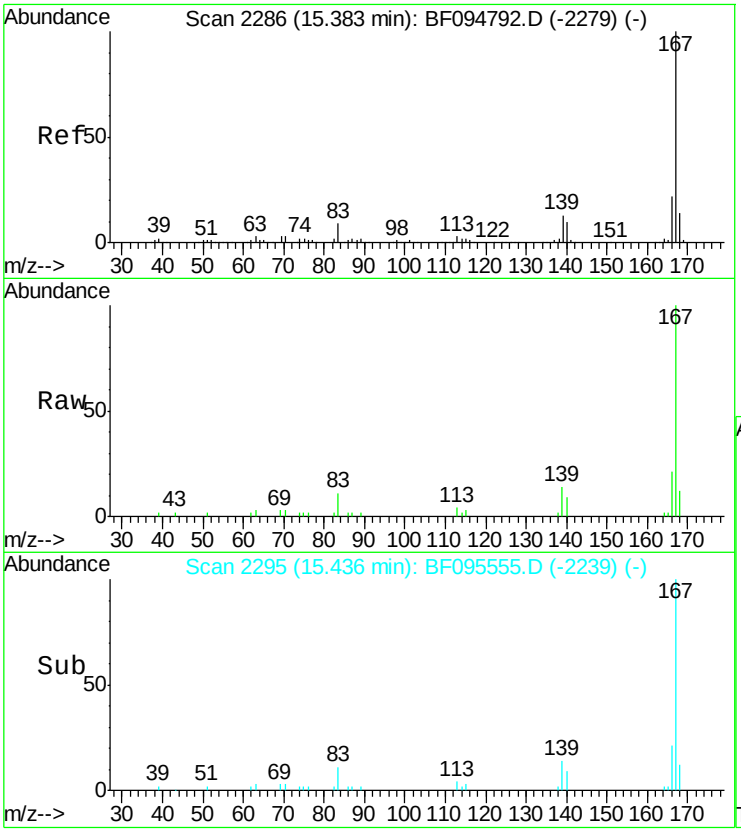


#70
Phenanthrene
Concen: 2.30 ng
RT: 15.05 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BF095555.D
Acq: 31 May 2017 5:03

Tgt Ion:178 Resp: 23771

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	14.2	12.6	19.0



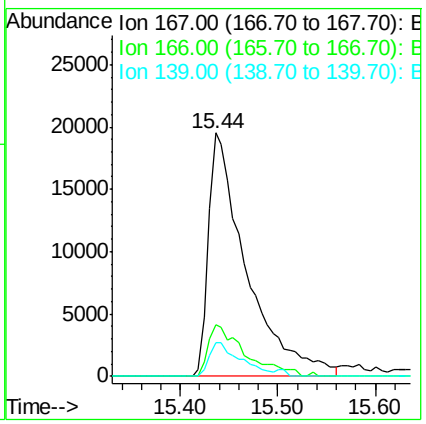


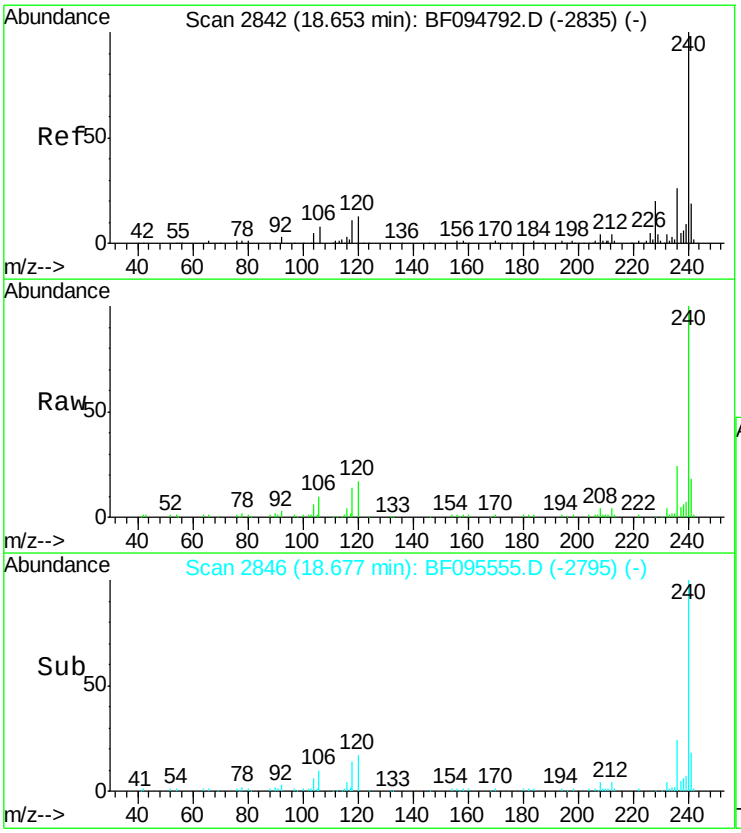
#72
Carbazole
Concen: 5.48 ng
RT: 15.44 min Scan# 2295
Delta R.T. 0.03 min
Lab File: BF095555.D
Acq: 31 May 2017 5:03

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-002

Tgt Ion:167 Resp: 52752

Ion	Ratio	Lower	Upper
167	100		
166	21.3	18.1	27.1
139	13.8	11.7	17.5

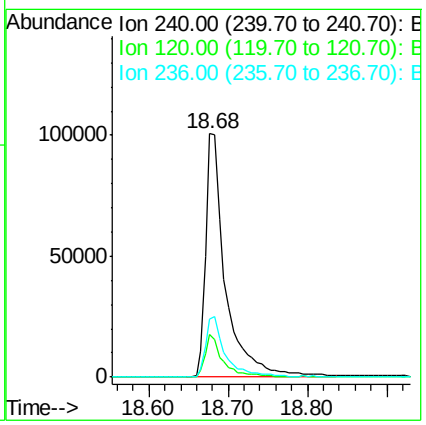


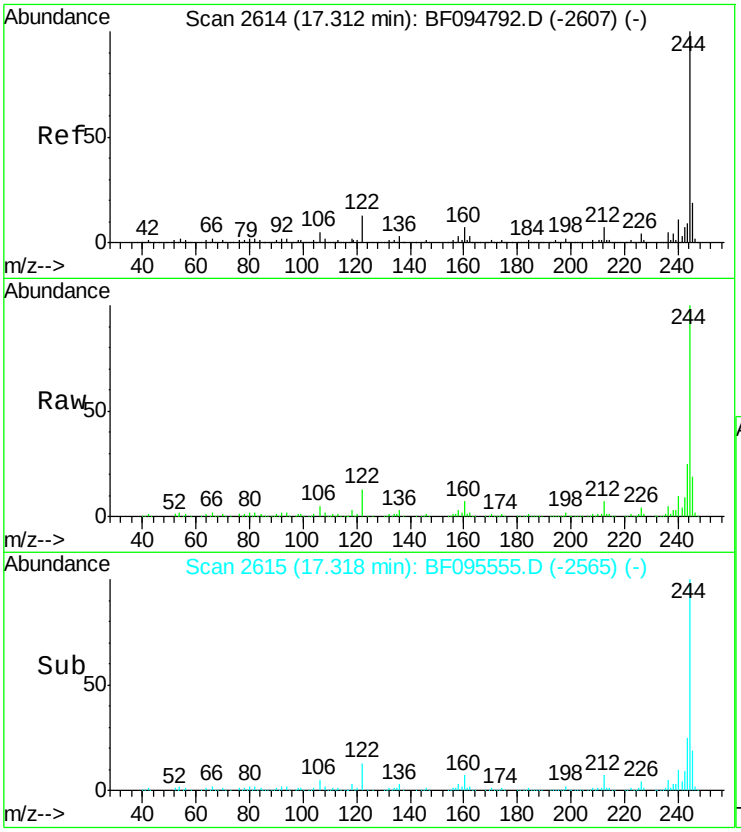


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2846
Delta R.T. 0.00 min
Lab File: BF095555.D
Acq: 31 May 2017 5:03

Tgt Ion:240 Resp: 176572

Ion	Ratio	Lower	Upper
240	100		
120	17.4	5.8	8.8#
236	23.9	20.5	30.7



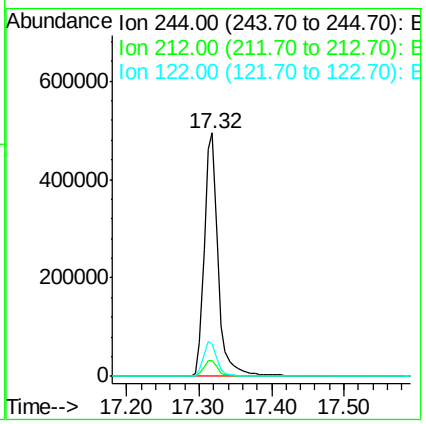


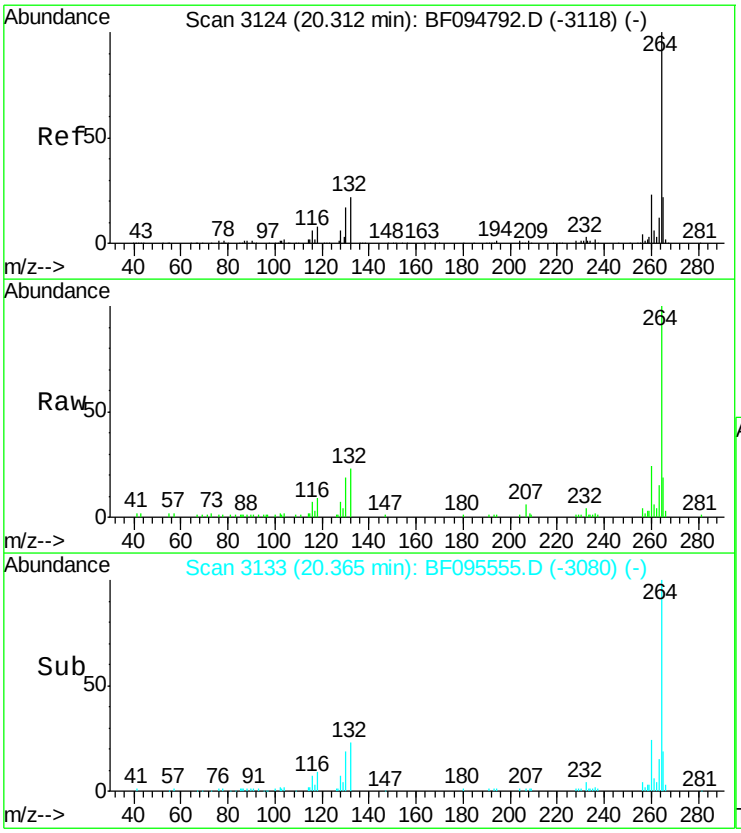
#78
Terphenyl-d14
Concen: 81.65 ng
RT: 17.32 min Scan# 2615
Delta R.T. -0.01 min
Lab File: BF095555.D
Acq: 31 May 2017 5:03

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-002

Tgt Ion:244 Resp: 654522

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	13.4	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3133
Delta R.T. 0.01 min
Lab File: BF095555.D
Acq: 31 May 2017 5:03

Tgt Ion:264 Resp: 100951

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	18.9	17.2	25.8