Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
Data File : BF095034.D
Acq On : 9 May 2017 21:44
Operator : SJ/MA
Sample : I3022-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-COMP-15

Quant Time: May 10 02:06:59 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	7.71	152	89706	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	377310	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	171828	20.00	ng	-0.02
63) Phenanthrene-d10	14.96	188	301636	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	278792	20.00	ng	-0.02
86) Perylene-d12	20.30	264	193951	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	735540	136.70	ng	0.00
7) Phenol-d6	7.26	99	811529	125.70	ng	-0.02
23) Nitrobenzene-d5	8.61	82	552342	92.31	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	214823	152.66	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1099625	92.11	ng	-0.02
78) Terphenyl-d14	17.29	244	958515	75.73	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	9.78	128	2491661	131.39	ng	99
37) 2-Methylnaphthalene	10.89	142	164940	13.25	ng	97
45) 1,1'-Biphenyl	11.66	154	61542	4.25	ng	95
48) Acenaphthylene	12.32	152	412530	22.55	ng	98
51) Acenaphthene	12.61	154	22681	2.08	ng	90
57) Fluorene	13.46	166	72977	5.55	ng	99
70) Phenanthrene	15.00	178	157709	9.10	ng	95

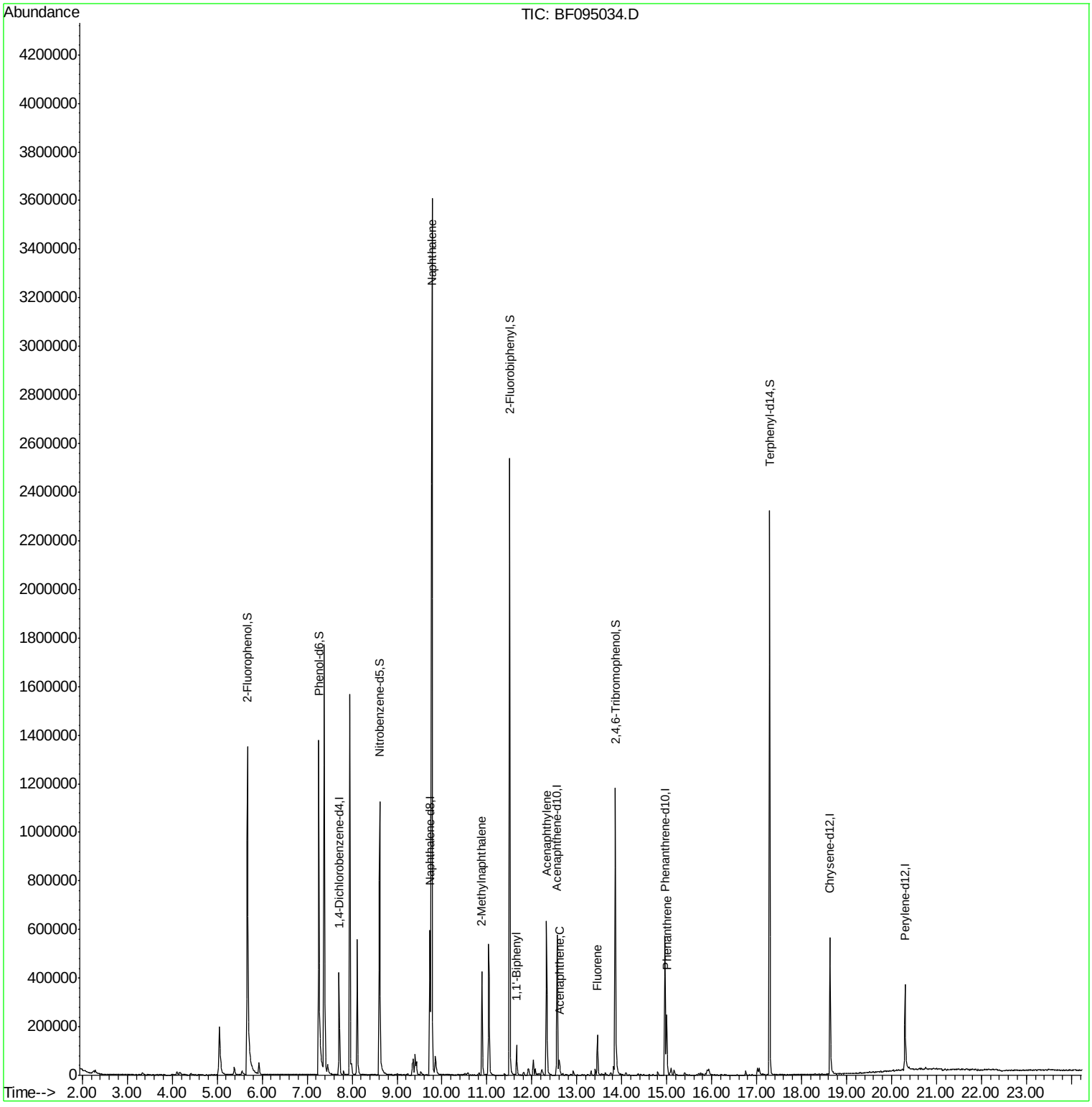
(#) = qualifier out of range (m) = manual integration (+) = signals summed

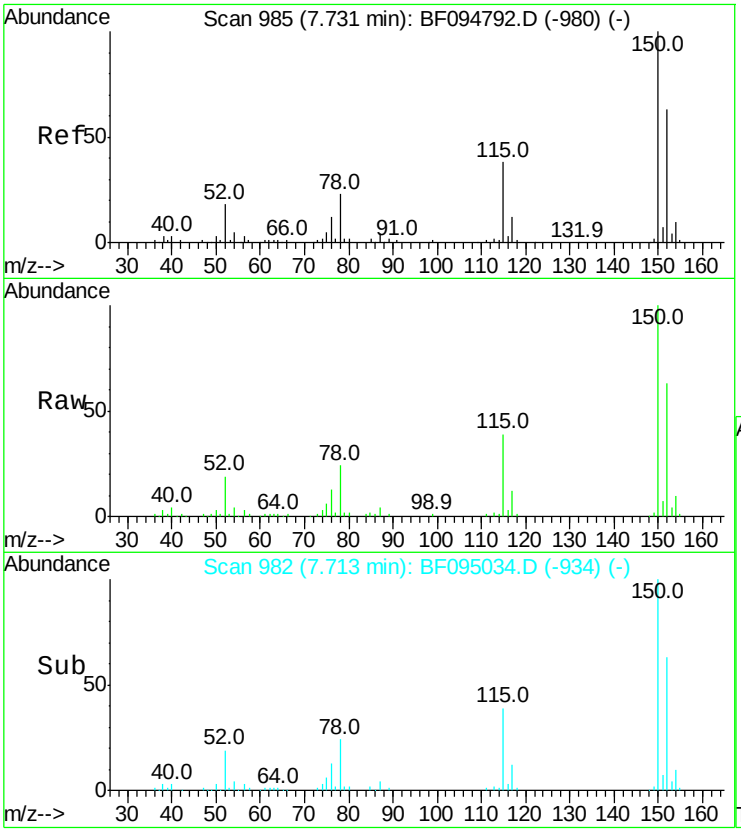
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
Data File : BF095034.D
Acq On : 9 May 2017 21:44
Operator : SJ/MA
Sample : I3022-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15

Quant Time: May 10 02:06:59 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



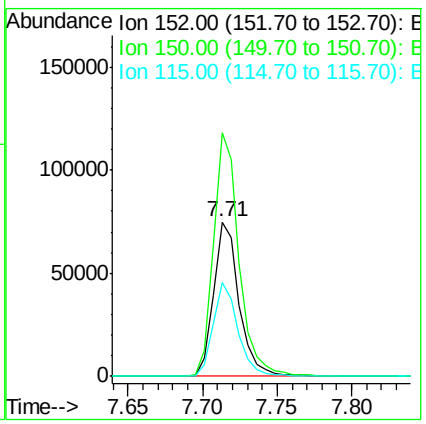


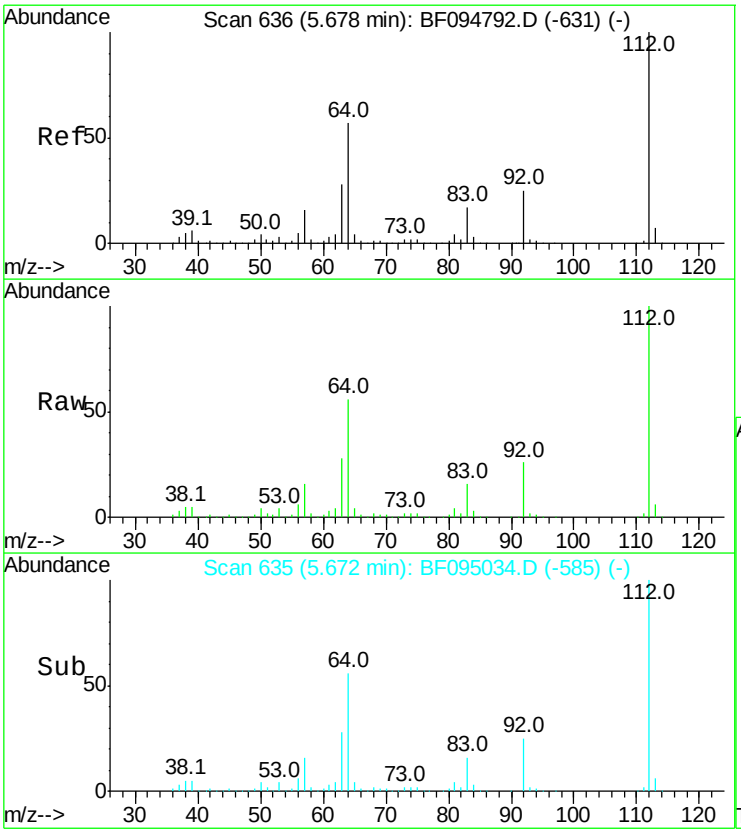
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF095034.D
Acq: 9 May 2017 21:44

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15

Tgt Ion:152 Resp: 89706

Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.2	189.2
115	61.1	52.2	78.2

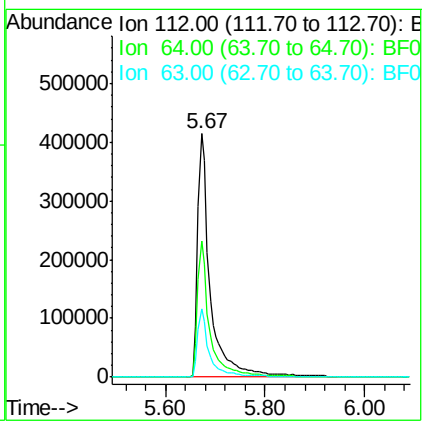


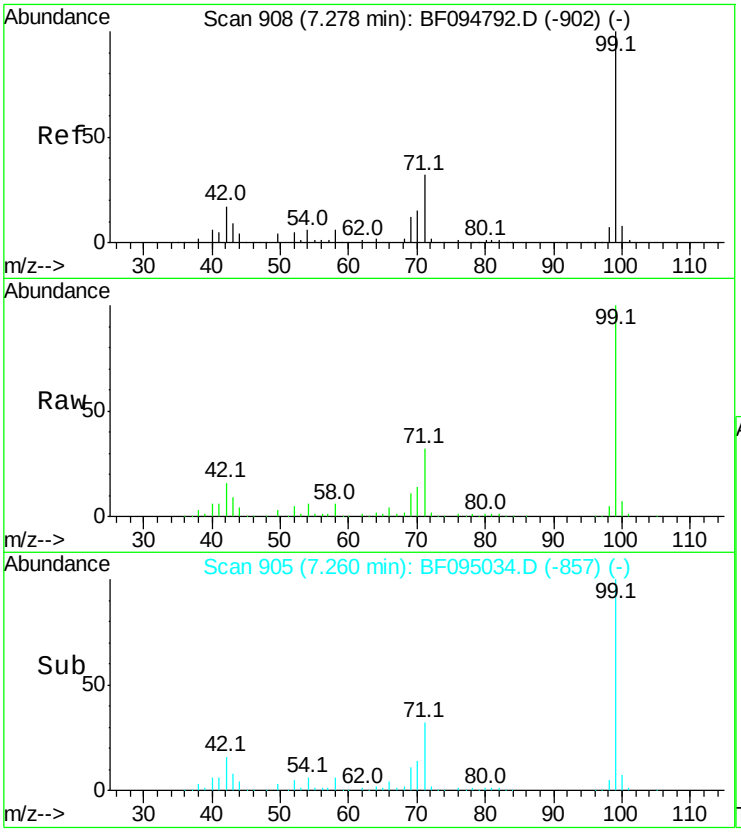


#5
2-Fluorophenol
Concen: 136.70 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF095034.D
Acq: 9 May 2017 21:44

Tgt Ion:112 Resp: 735540

Ion	Ratio	Lower	Upper
112	100		
64	55.9	46.0	69.0
63	28.1	23.4	35.0



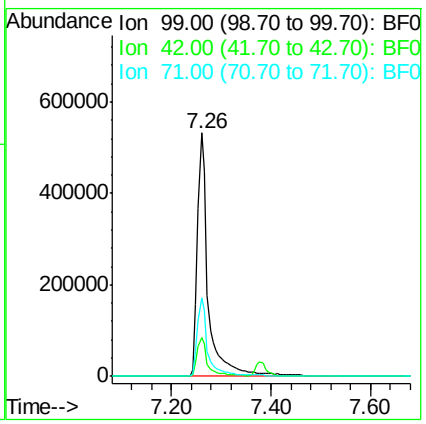


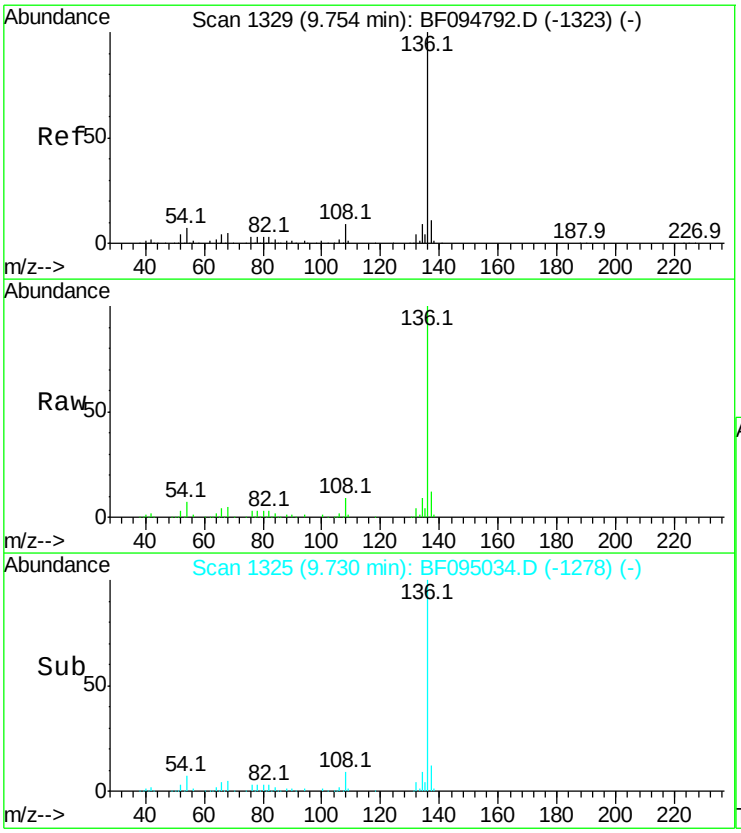
#7
Phenol-d6
Concen: 125.70 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF095034.D
Acq: 9 May 2017 21:44

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15

Tgt Ion: 99 Resp: 811529

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.5	20.3
71	32.4	24.5	36.7

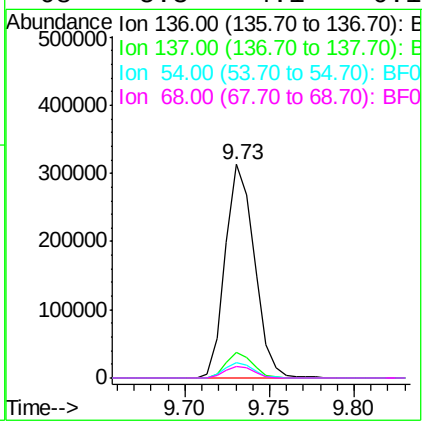


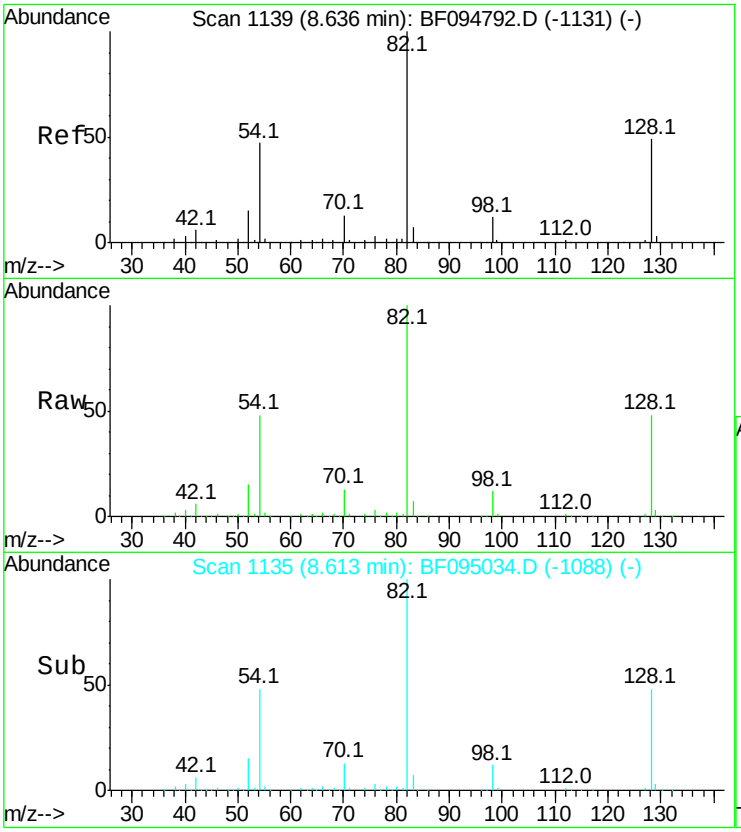


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.73 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF095034.D
Acq: 9 May 2017 21:44

Tgt Ion:136 Resp: 377310

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.5	12.7
54	7.3	4.9	7.3
68	5.3	4.1	6.1



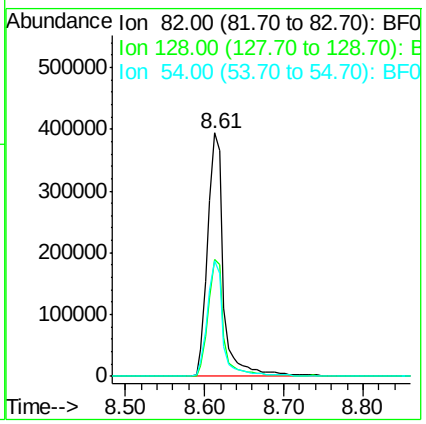


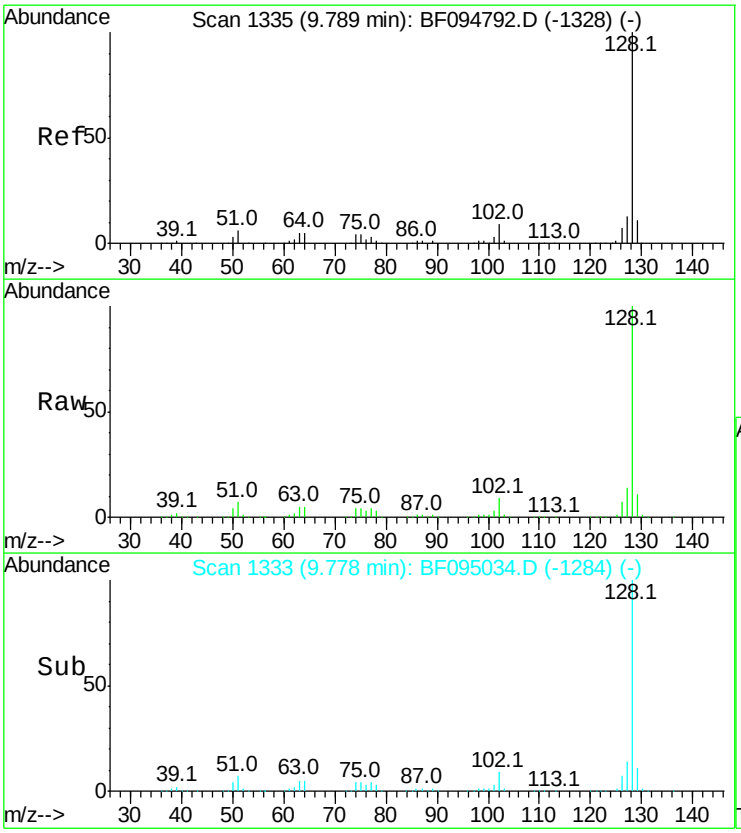
#23
Nitrobenzene-d5
Concen: 92.31 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF095034.D
Acq: 9 May 2017 21:44

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15

Tgt Ion: 82 Resp: 552342

Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.0	51.0
54	47.7	42.2	63.2

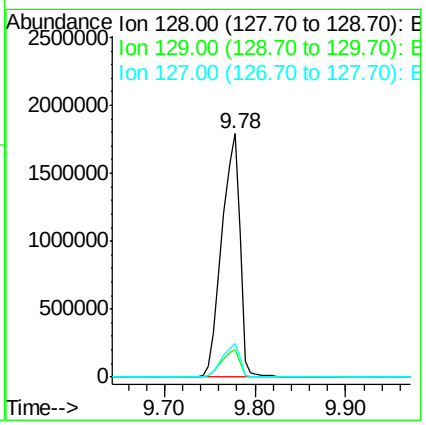


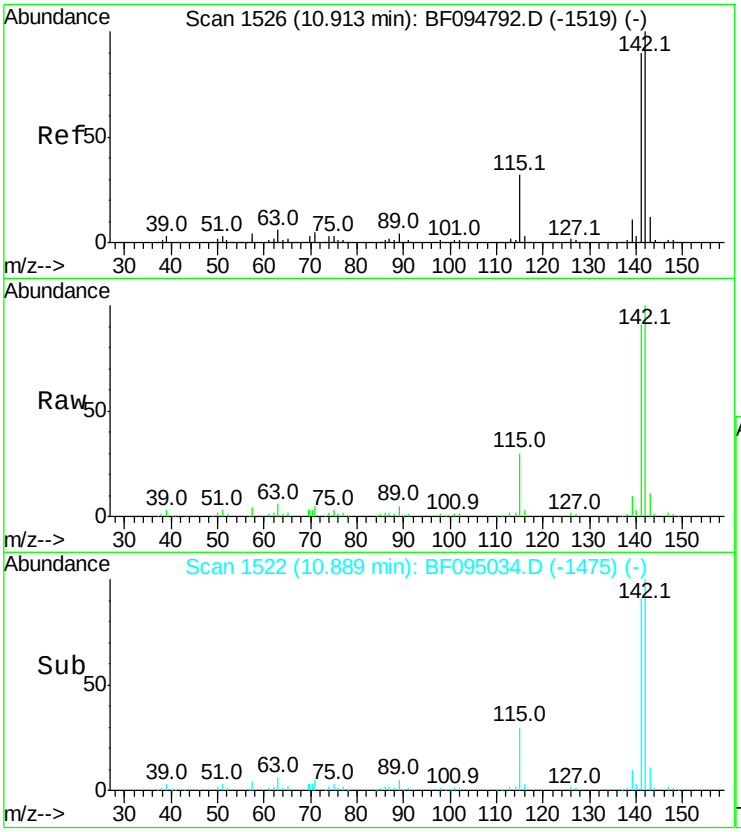


#31
Naphthalene
Concen: 131.39 ng
RT: 9.78 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF095034.D
Acq: 9 May 2017 21:44

Tgt Ion:128 Resp: 2491661

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.9	10.8	16.2



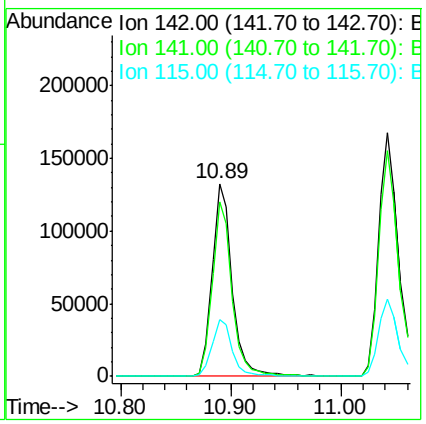


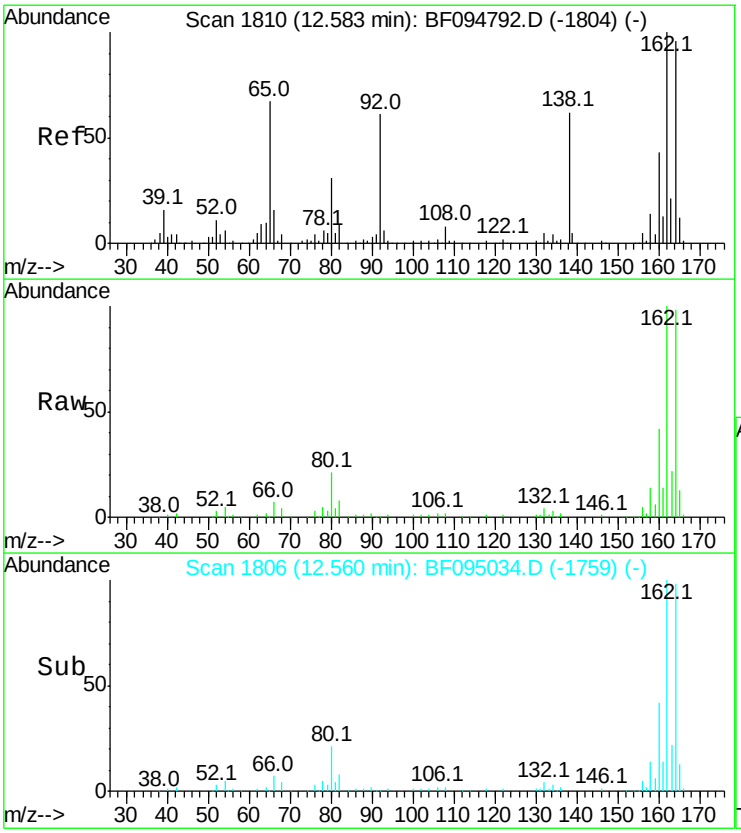
#37
2-Methylnaphthalene
Concen: 13.25 ng
RT: 10.89 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF095034.D
Acq: 9 May 2017 21:44

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15

Tgt Ion:142 Resp: 164940

Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.3	106.9
115	29.7	27.1	40.7

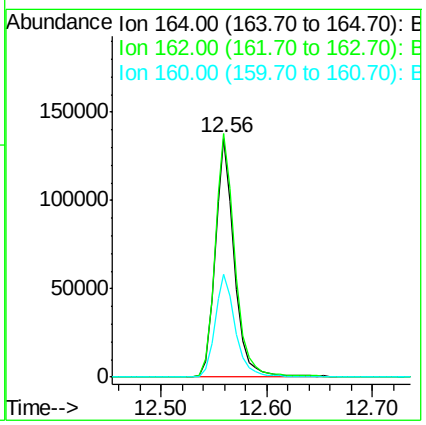


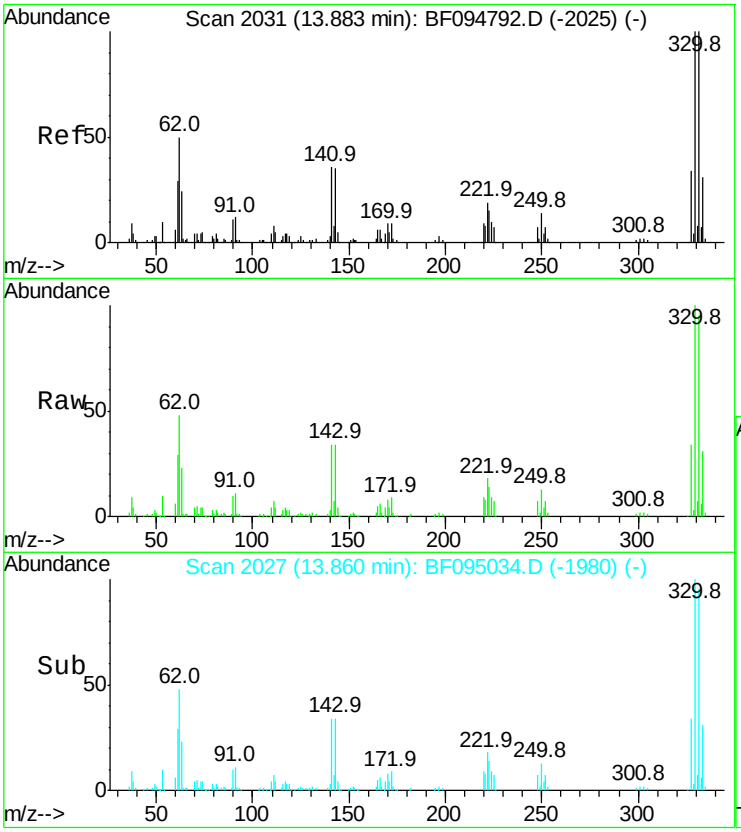


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.56 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF095034.D
Acq: 9 May 2017 21:44

Tgt Ion:164 Resp: 171828

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	123.8
160	42.9	36.2	54.2



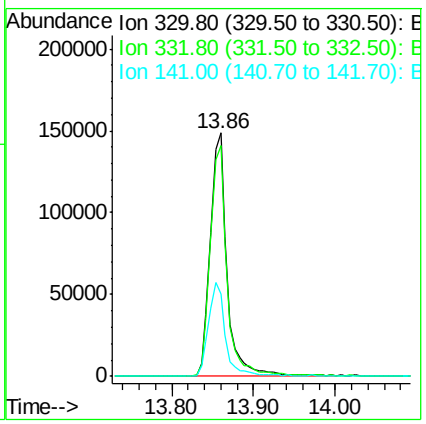


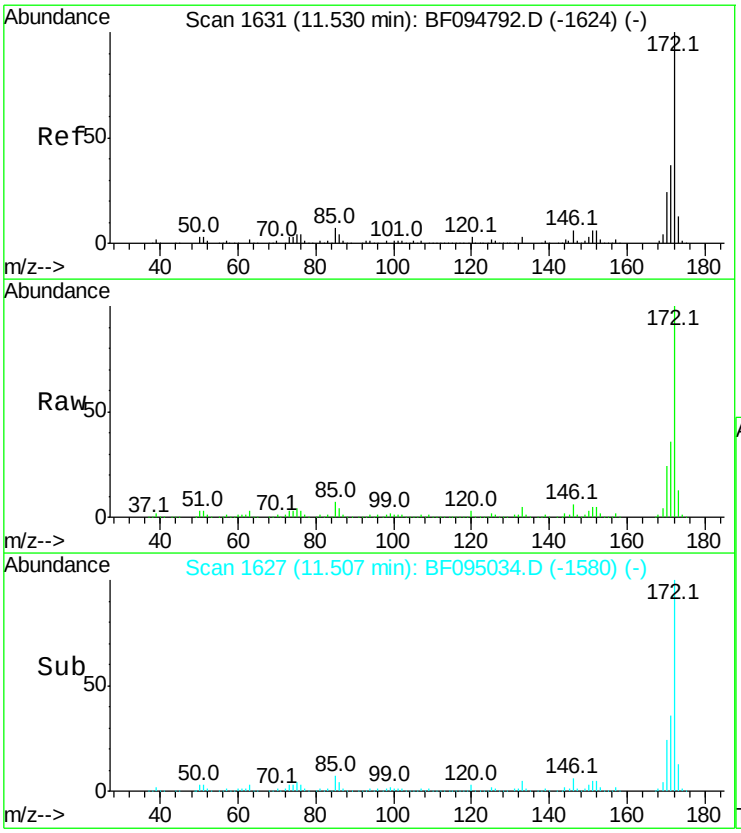
#41
2,4,6-Tribromophenol
Concen: 152.66 ng
RT: 13.86 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF095034.D
Acq: 9 May 2017 21:44

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15

Tgt Ion:330 Resp: 214823

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	39.1	31.4	47.2

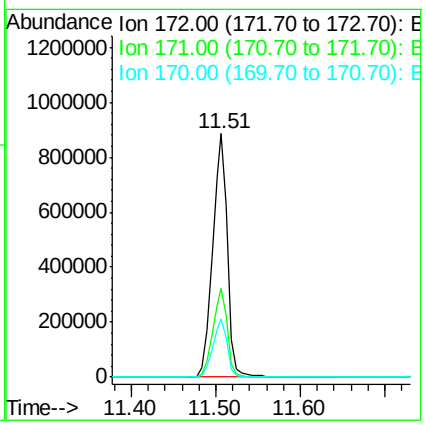


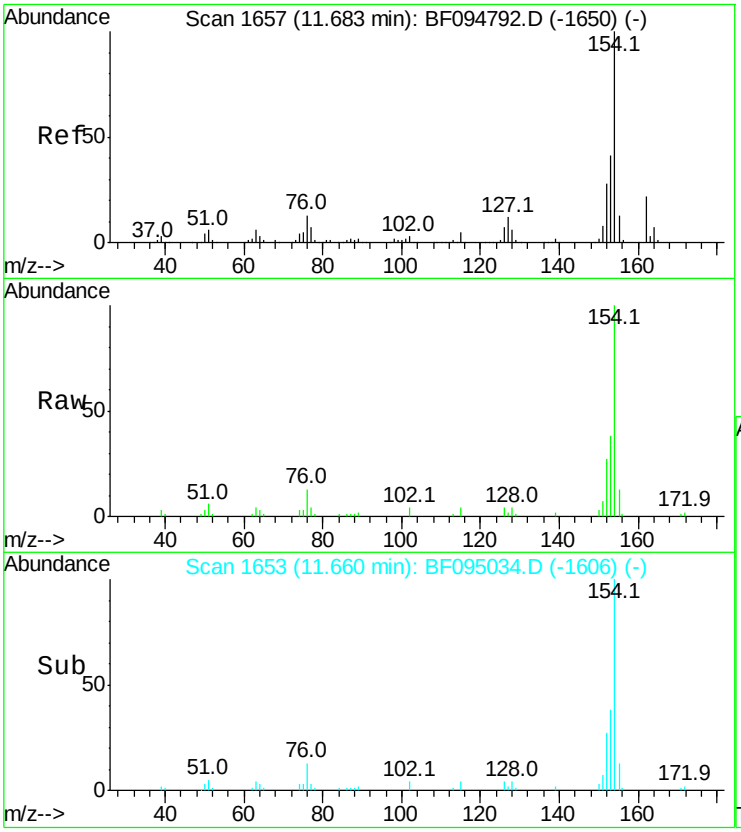


#44
2-Fluorobiphenyl
Concen: 92.11 ng
RT: 11.51 min Scan# 1627
Delta R.T. -0.02 min
Lab File: BF095034.D
Acq: 9 May 2017 21:44

Tgt Ion:172 Resp: 1099625

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.7	19.8	29.8



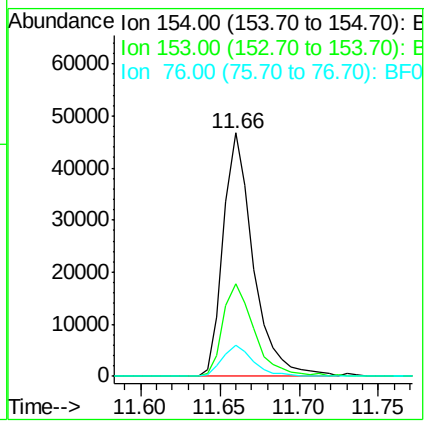


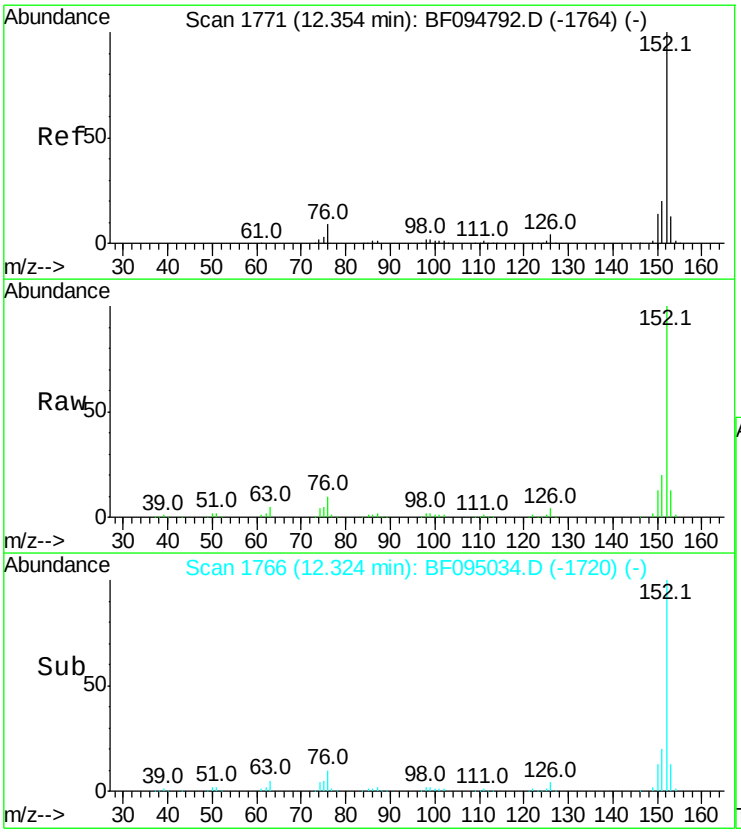
#45
1,1'-Biphenyl
Concen: 4.25 ng
RT: 11.66 min Scan# 1653
Delta R.T. -0.02 min
Lab File: BF095034.D
Acq: 9 May 2017 21:44

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15

Tgt Ion:154 Resp: 61542

Ion	Ratio	Lower	Upper
154	100		
153	38.2	21.2	61.2
76	12.8	0.0	29.9

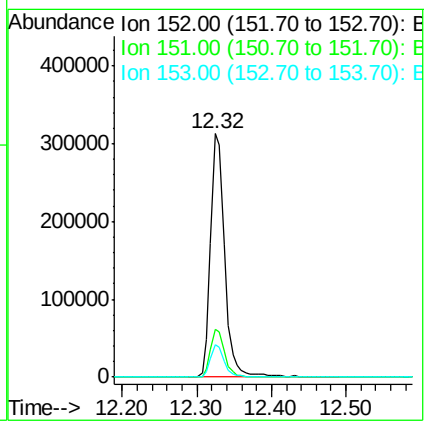


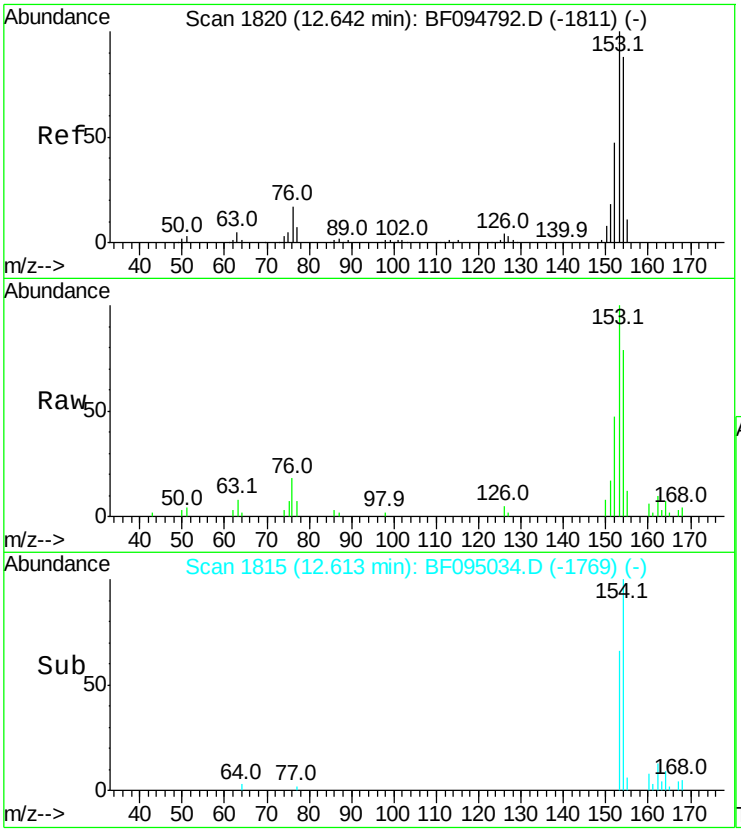


#48
Acenaphthylene
Concen: 22.55 ng
RT: 12.32 min Scan# 1766
Delta R.T. -0.03 min
Lab File: BF095034.D
Acq: 9 May 2017 21:44

Tgt Ion:152 Resp: 412530

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.8	25.2
153	13.1	10.8	16.2



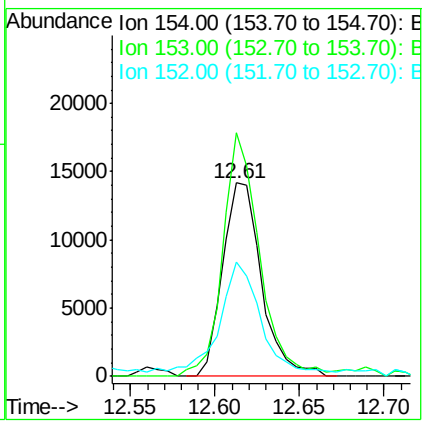


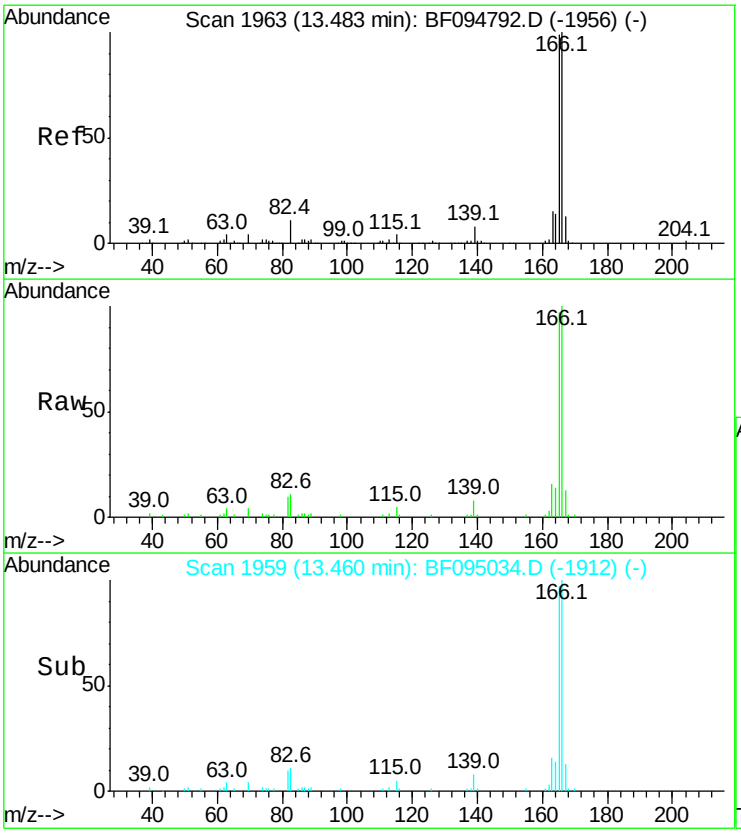
#51
Acenaphthene
Concen: 2.08 ng
RT: 12.61 min Scan# 1815
Delta R.T. -0.03 min
Lab File: BF095034.D
Acq: 9 May 2017 21:44

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15

Tgt Ion:154 Resp: 22681

Ion	Ratio	Lower	Upper
154	100		
153	126.1	90.5	135.7
152	59.2	43.6	65.4

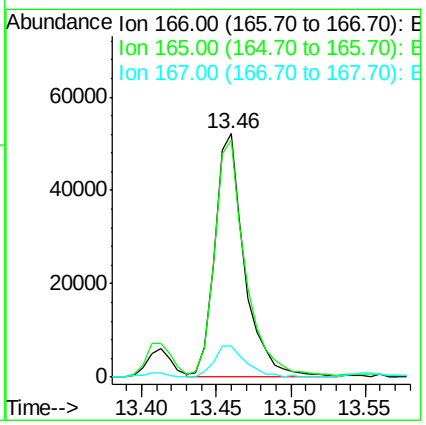


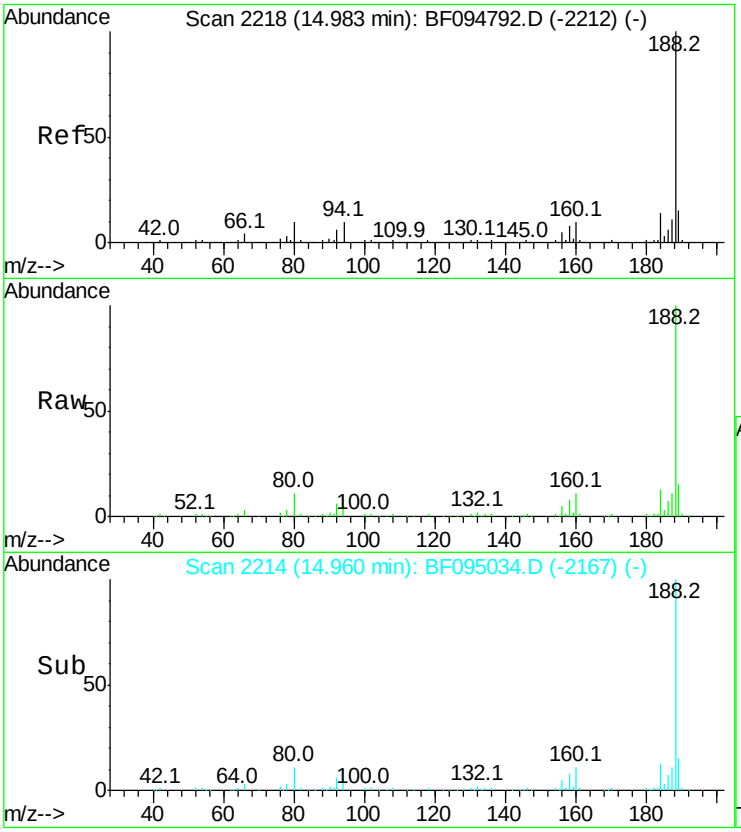


#57
Fluorene
Concen: 5.55 ng
RT: 13.46 min Scan# 1959
Delta R.T. -0.02 min
Lab File: BF095034.D
Acq: 9 May 2017 21:44

Tgt Ion:166 Resp: 72977

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.8	118.2
167	12.7	10.6	16.0



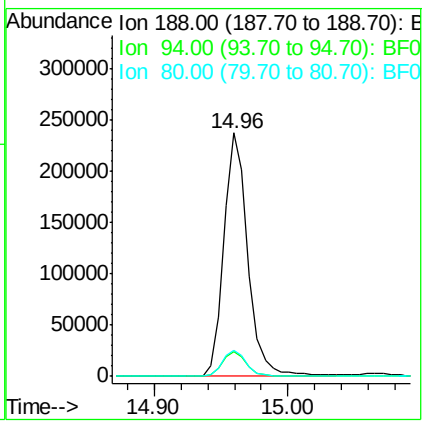


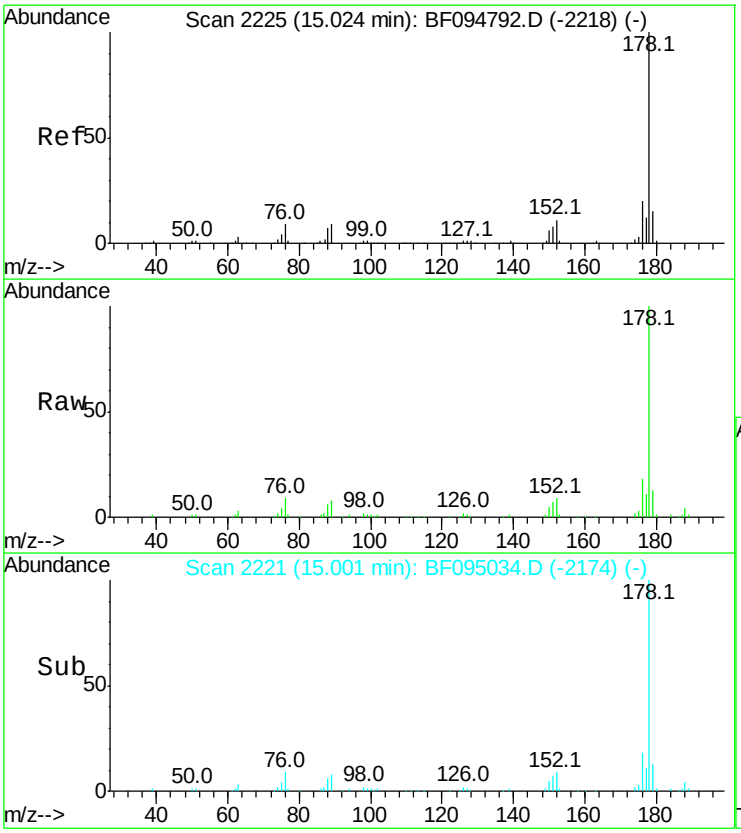
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.96 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF095034.D
Acq: 9 May 2017 21:44

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15

Tgt Ion:188 Resp: 301636

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.5	10.2	15.2

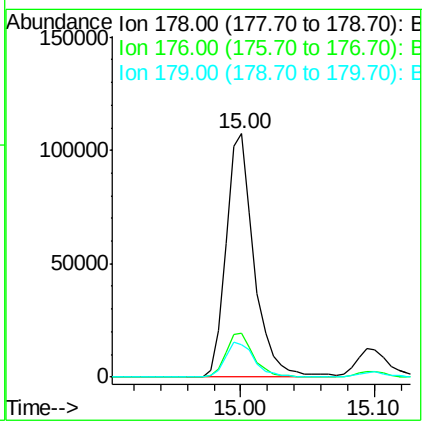


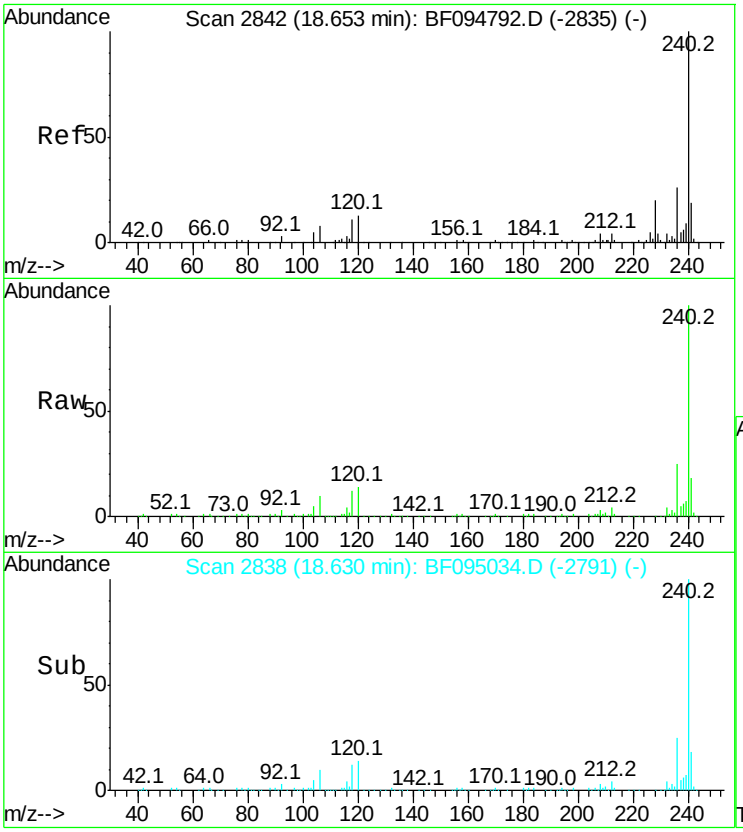


#70
Phenanthrene
Concen: 9.10 ng
RT: 15.00 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF095034.D
Acq: 9 May 2017 21:44

Tgt Ion:178 Resp: 157709

Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.2	24.4
179	13.2	12.6	19.0



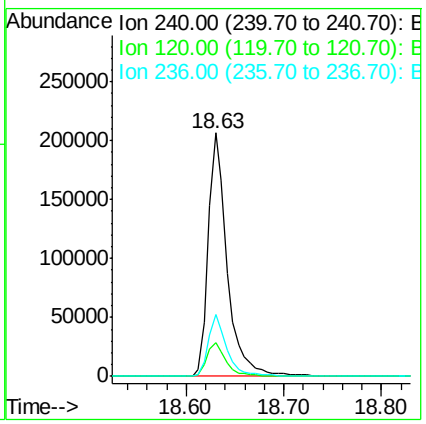


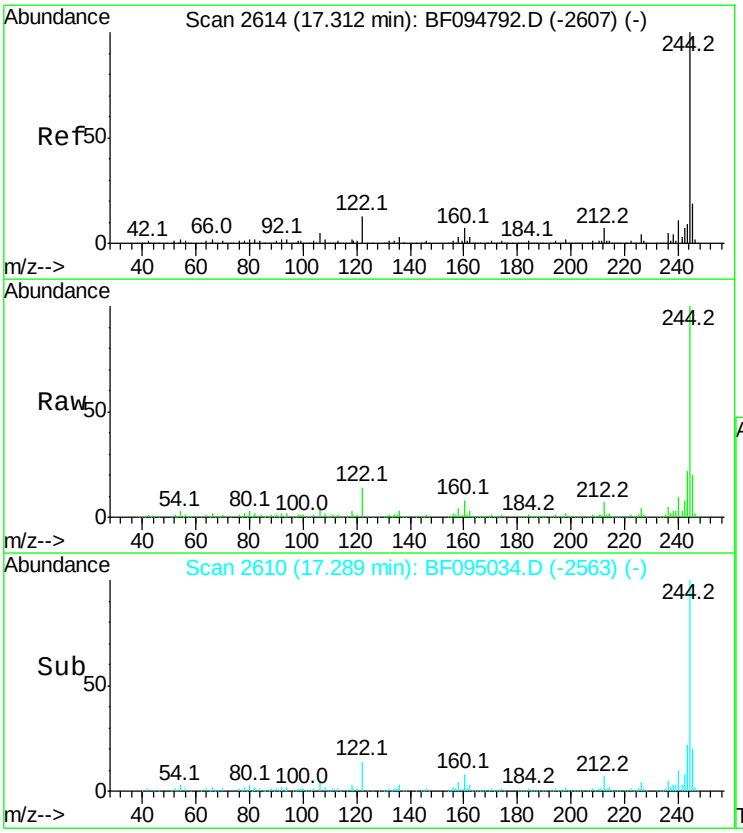
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.02 min
Lab File: BF095034.D
Acq: 9 May 2017 21:44

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15

Tgt Ion:240 Resp: 278792

Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	25.2	20.5	30.7

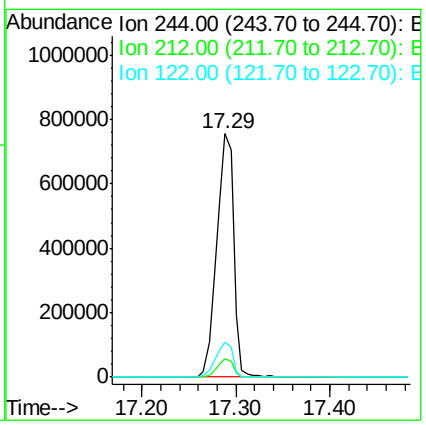


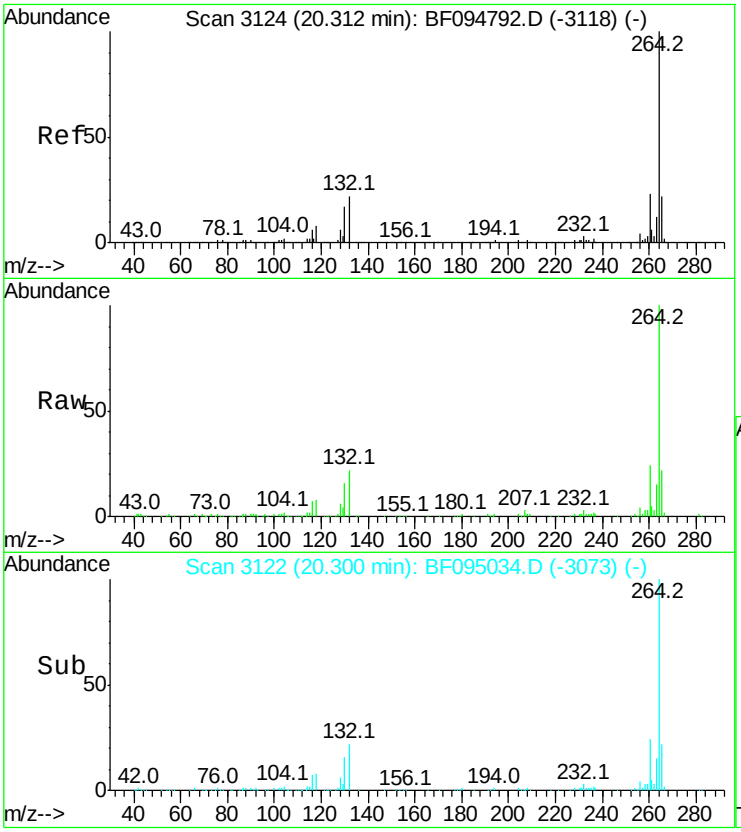


#78
Terphenyl-d14
Concen: 75.73 ng
RT: 17.29 min Scan# 2610
Delta R.T. -0.02 min
Lab File: BF095034.D
Acq: 9 May 2017 21:44

Tgt Ion:244 Resp: 958515

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.2	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095034.D
Acq: 9 May 2017 21:44

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15

Tgt Ion:264 Resp: 193951

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.7	17.2	25.8