Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095435.D
Acq On : 25 May 2017 21:28
Operator : SJ/MA
Sample : I3200-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 26 01:14:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	102360	20.00	ng		-0.02
21) Naphthalene-d8	9.77	136	407455	20.00	ng		-0.02
38) Acenaphthene-d10	12.59	164	172768	20.00	ng		-0.02
63) Phenanthrene-d10	15.00	188	255980	20.00	ng		-0.02
75) Chrysene-d12	18.68	240	193431	20.00	ng		-0.02
86) Perylene-d12	20.36	264	145906	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	673610	109.72	ng		-0.02
7) Phenol-d6	7.29	99	836398	113.54	ng		-0.02
23) Nitrobenzene-d5	8.65	82	460125	71.21	ng		-0.02
41) 2,4,6-Tribromophenol	13.90	330	109220	77.19	ng		-0.02
44) 2-Fluorobiphenyl	11.54	172	859509	71.61	ng		-0.02
78) Terphenyl-d14	17.32	244	502677	57.24	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.31	94	19283	2.48	ng	#	52
19) n-Nitroso-di-n-propylamine	8.65	70	53102	10.66	ng	#	78
48) Acenaphthylene	12.38	152	56832	3.09	ng		98
49) Dimethylphthalate	12.24	163	224850	15.85	ng		98
51) Acenaphthene	12.65	154	24372	2.22	ng		98
55) 4-Nitrophenol	12.95	139	8821	4.73	ng	#	45
57) Fluorene	13.50	166	27574	2.09	ng		99
70) Phenanthrene	15.04	178	431372	29.33	ng		97
71) Anthracene	15.04	178	431372	28.71	ng		98
72) Carbazole	15.42	167	38699	2.83	ng		98
74) Fluoranthene	16.78	202	588315	38.99	ng		98
76) Benzidine	16.99	184	111	6.61	ng	#	1
77) Pyrene	17.09	202	588691	40.69	ng		98
80) Benzo(a)anthracene	18.67	228	260469	23.14	ng		97
82) Chrysene	18.71	228	273743	25.15	ng		98
83) Bis(2-ethylhexyl)phthalate	18.72	149	19623	2.05	ng	#	90
85) Indeno(1,2,3-cd)pyrene	21.69	276	103074	11.66	ng		94
87) Benzo(b)fluoranthene	19.95	252	375595	41.66	ng	#	97
88) Benzo(k)fluoranthene	19.95	252	375595	43.19	ng		99
89) Benzo(a)pyrene	20.30	252	188410	22.65	ng		97
90) Dibenzo(a,h)anthracene	21.89	278	16646	2.42	ng		93
91) Benzo(g,h,i)perylene	22.08	276	101835	15.10	ng		97

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

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Acq On : 25 May 2017 21:28
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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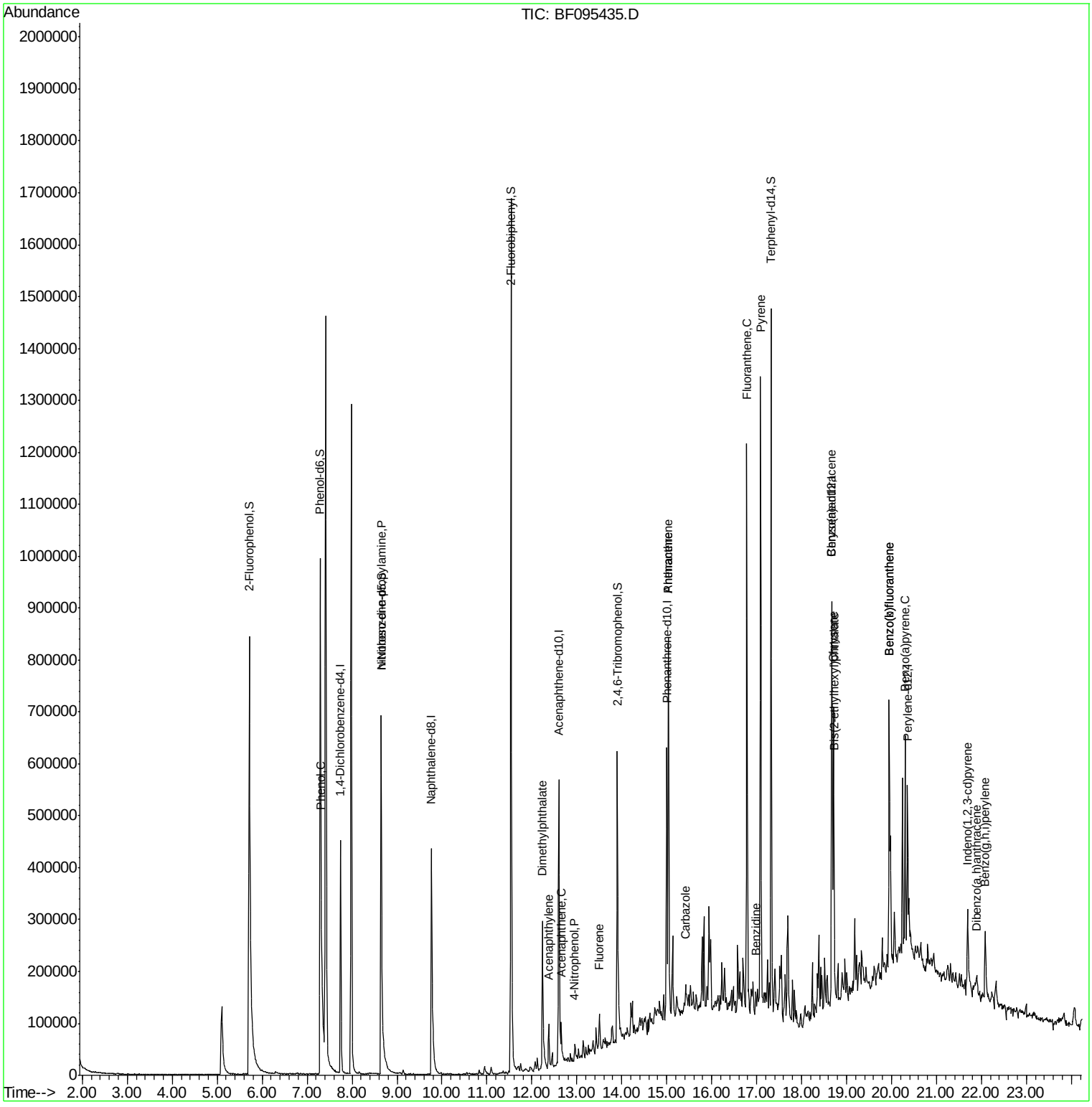
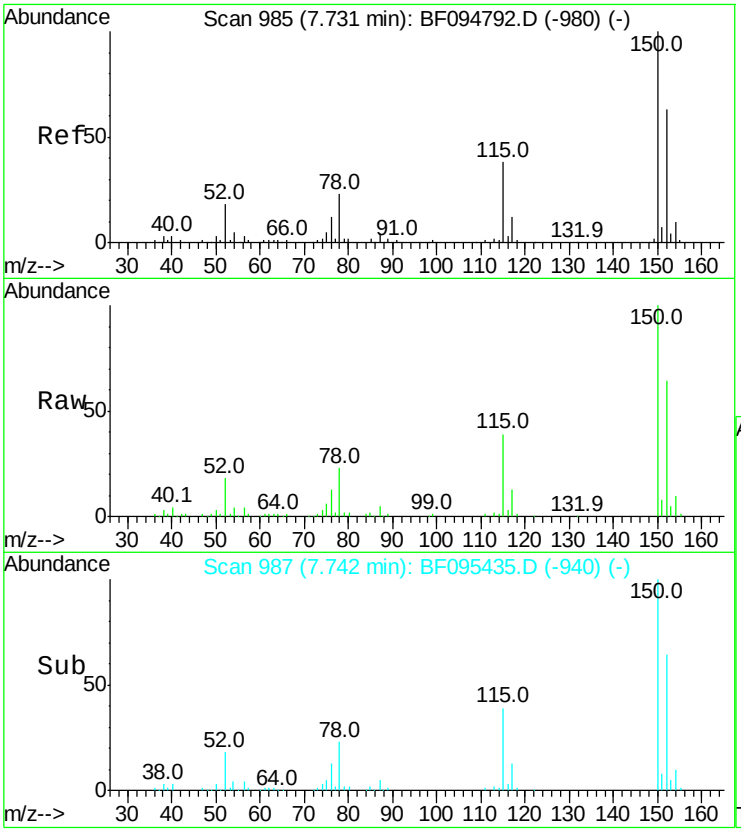


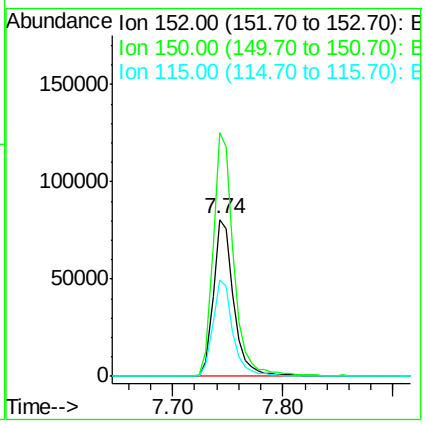


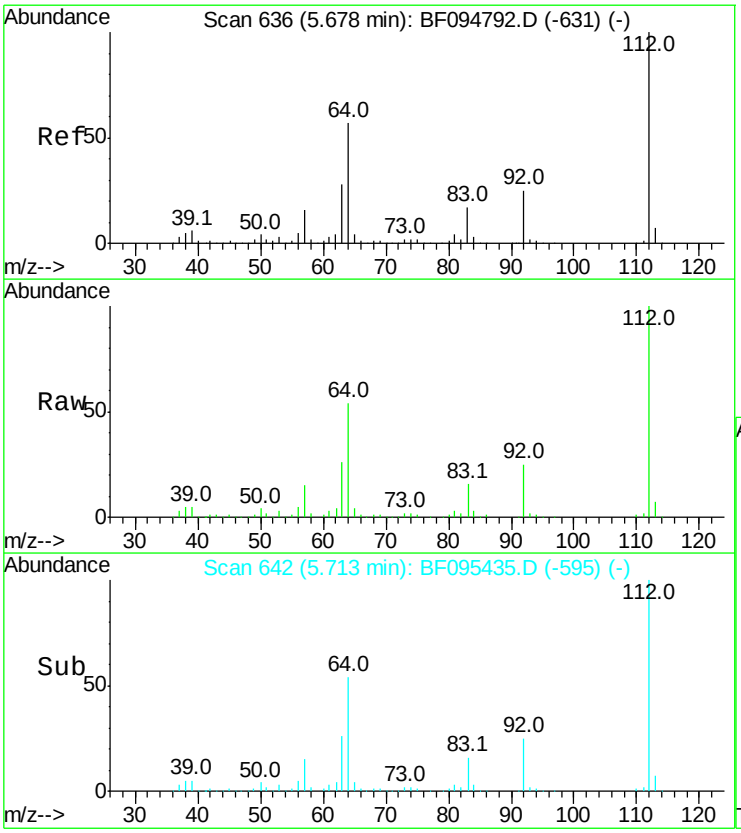
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 102360

Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.2	189.2
115	61.2	52.2	78.2

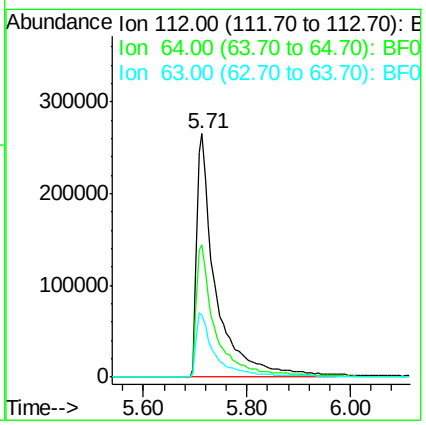


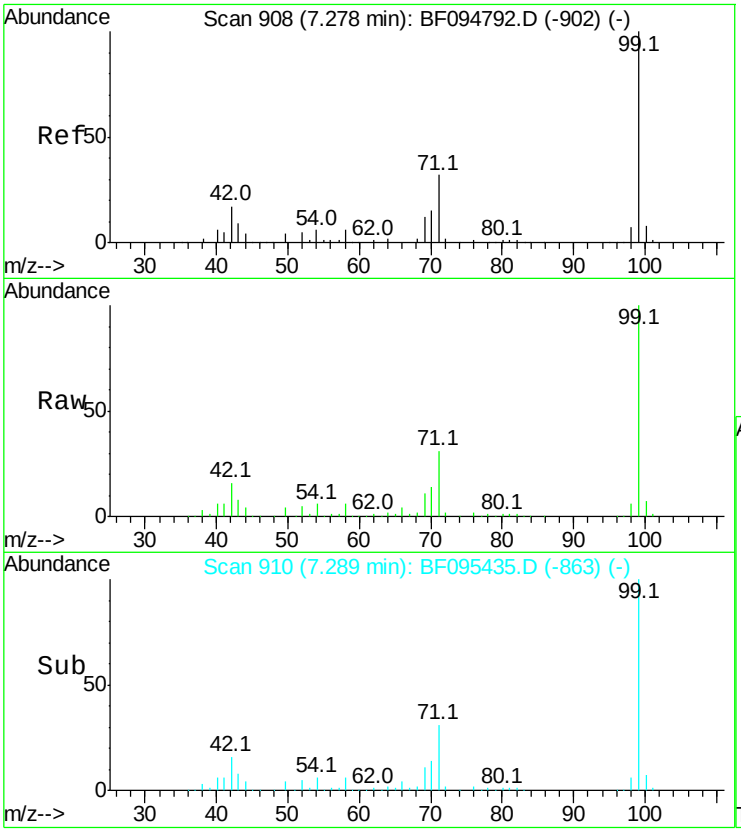


#5
2-Fluorophenol
Concen: 109.72 ng
RT: 5.71 min Scan# 642
Delta R.T. -0.02 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Tgt Ion:112 Resp: 673610

Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.0	69.0
63	25.5	23.4	35.0



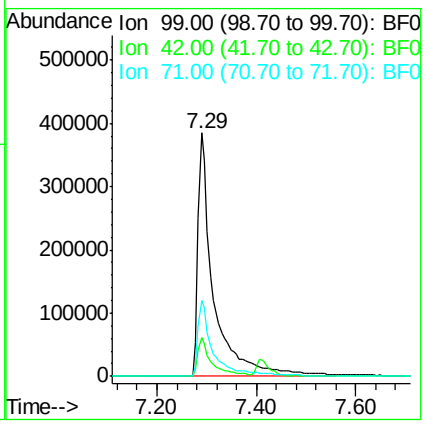


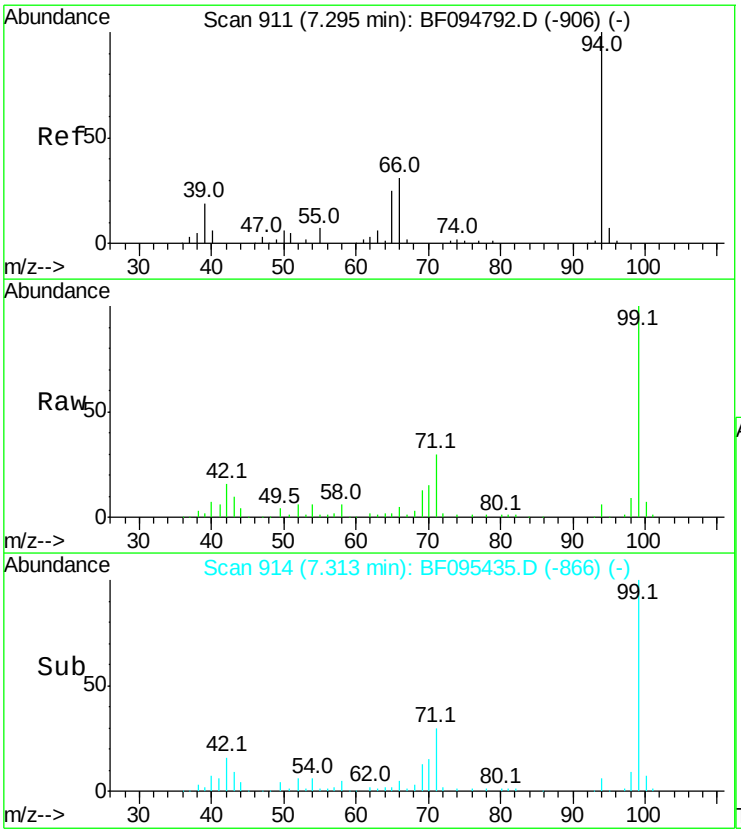
#7
Phenol-d6
Concen: 113.54 ng
RT: 7.29 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 836398

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	30.9	24.5	36.7

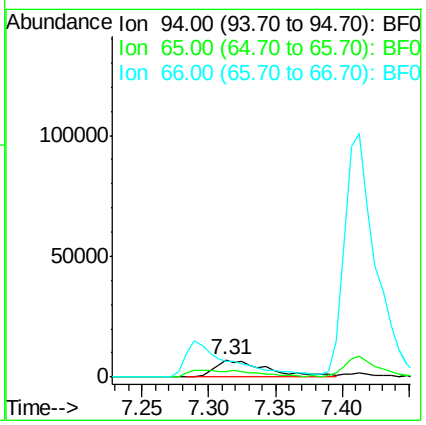


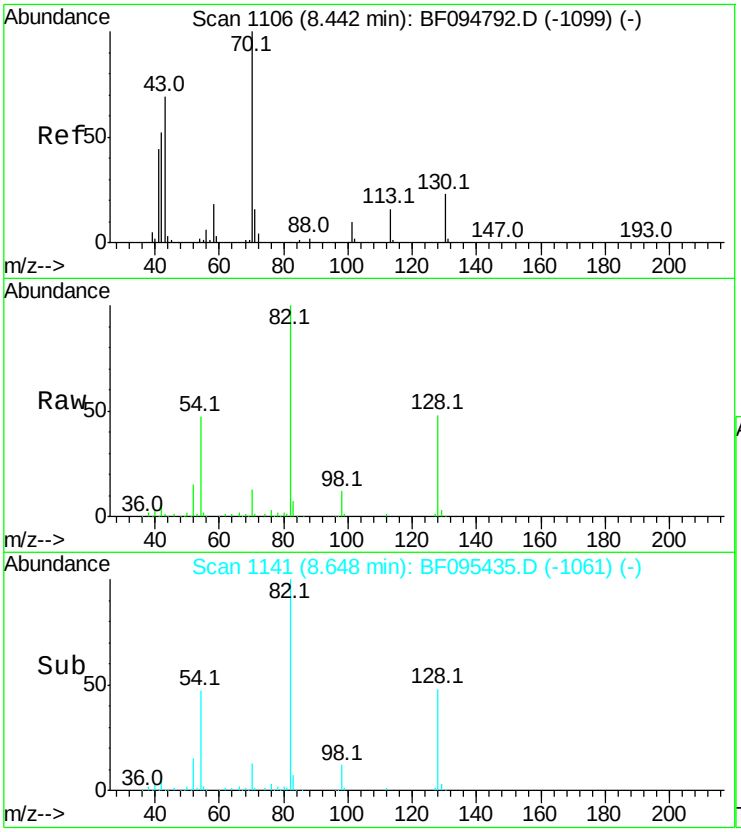


#10
Phenol
Concen: 2.48 ng
RT: 7.31 min Scan# 914
Delta R.T. -0.02 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Tgt Ion: 94 Resp: 19283

Ion	Ratio	Lower	Upper
94	100		
65	33.3	9.9	49.9
66	91.9	23.1	63.1#



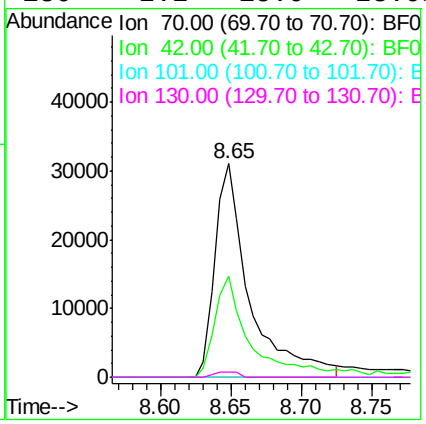


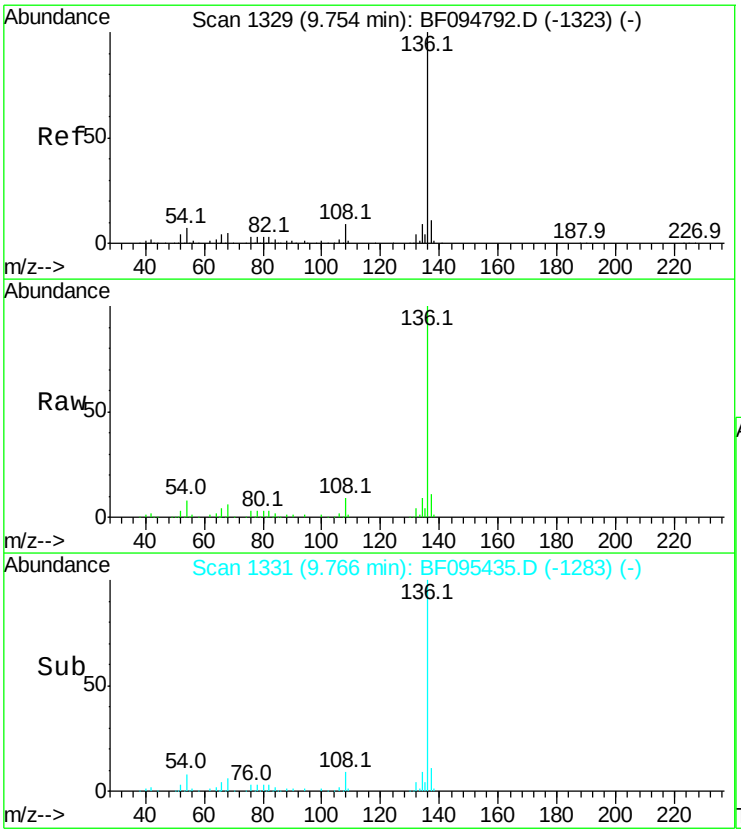
#19
n-Nitroso-di-n-propylamine
Concen: 10.66 ng
RT: 8.65 min Scan# 1141
Delta R.T. 0.17 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 53102

Ion	Ratio	Lower	Upper
70	100		
42	47.1	47.2	70.8#
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

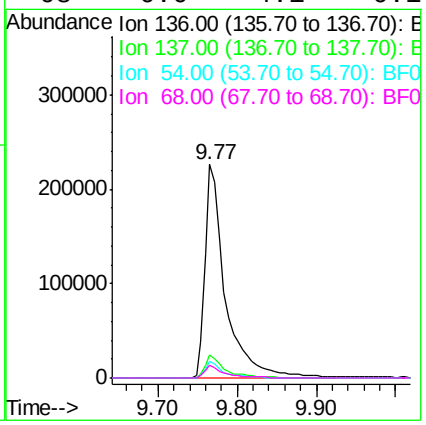


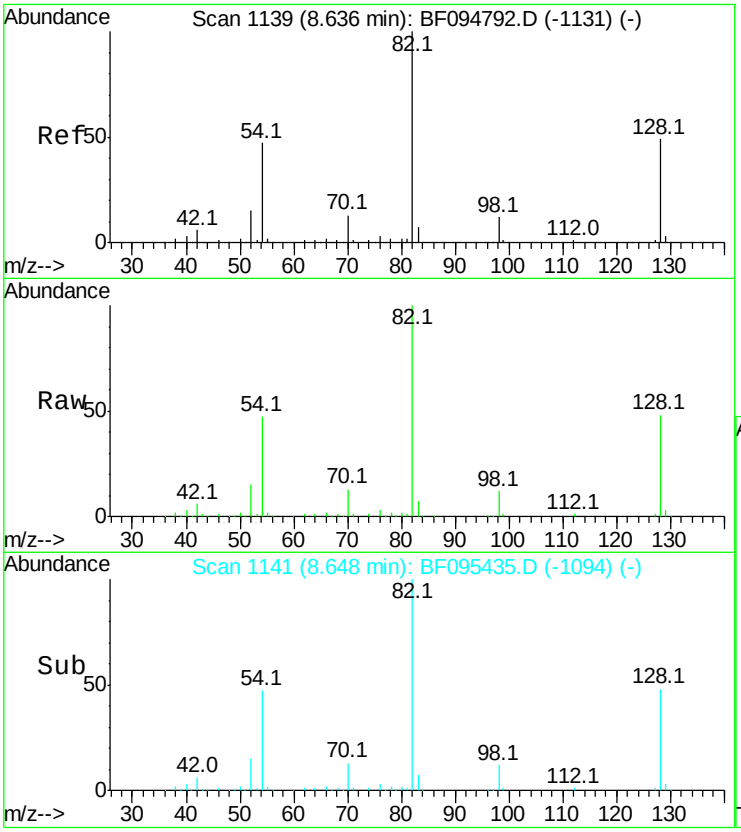


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Tgt Ion:136 Resp: 407455

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	8.0	4.9	7.3#
68	6.0	4.1	6.1

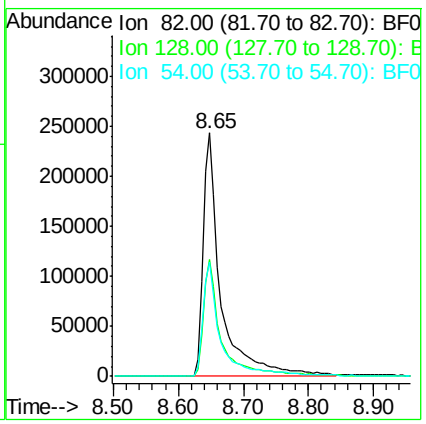




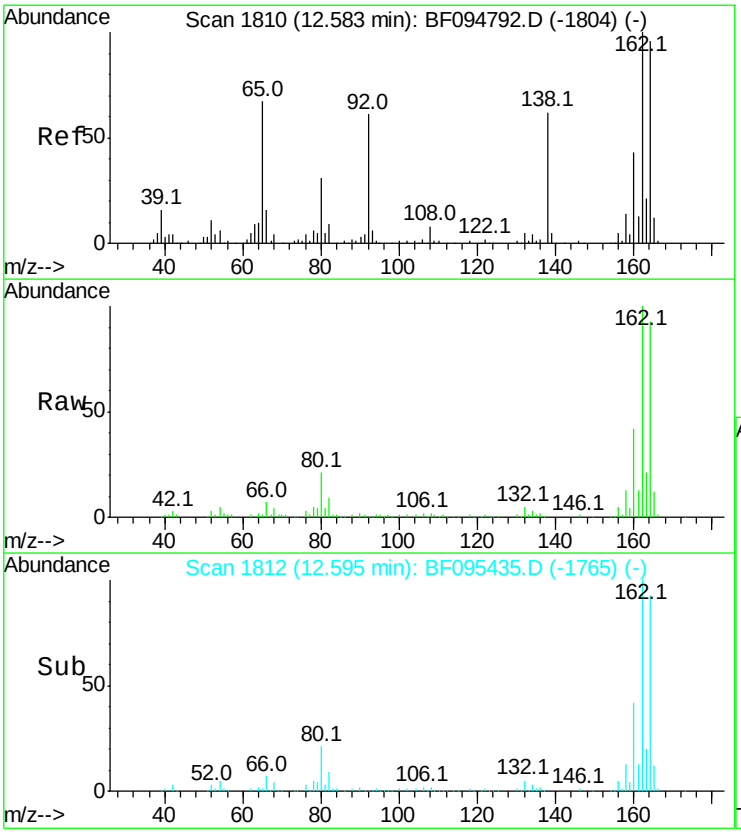
#23
Nitrobenzene-d5
Concen: 71.21 ng
RT: 8.65 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Tgt Ion: 82 Resp: 460125

Ion	Ratio	Lower	Upper
82	100		
128	48.3	34.0	51.0
54	47.2	42.2	63.2



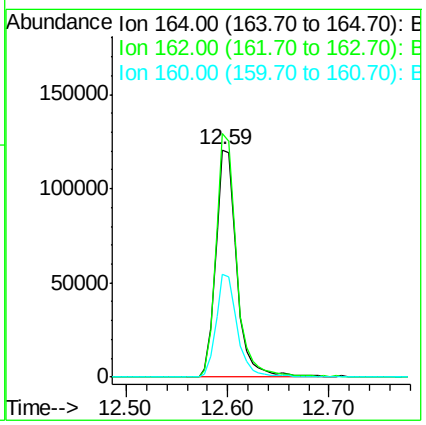
Instrument :
BNA_F
ClientSampleId :

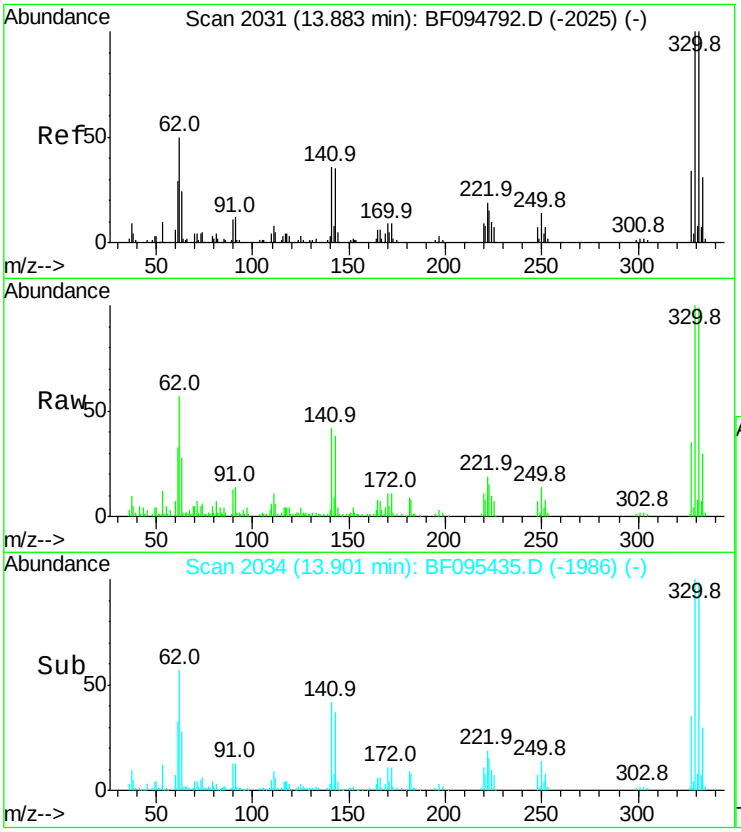


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Tgt Ion:164 Resp: 172768

Ion	Ratio	Lower	Upper
164	100		
162	107.2	82.6	123.8
160	45.5	36.2	54.2



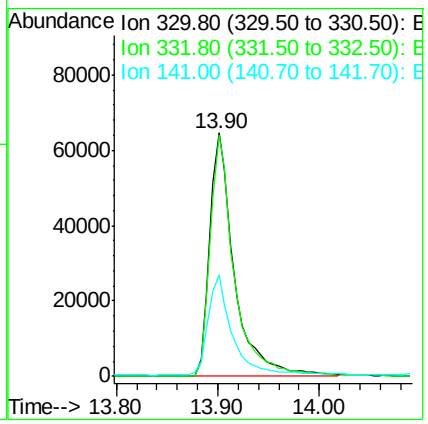


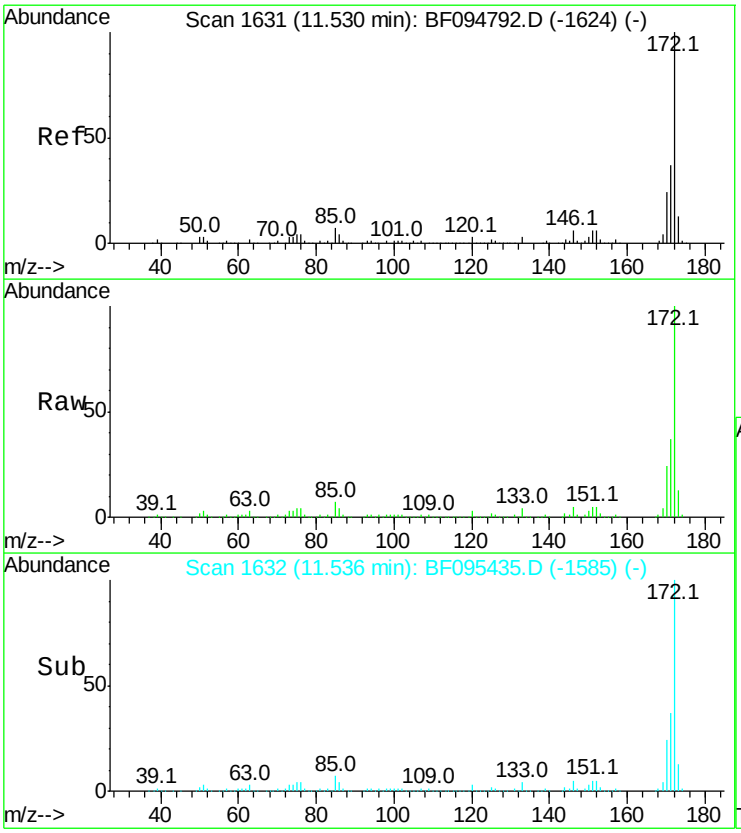
#41
2,4,6-Tribromophenol
Concen: 77.19 ng
RT: 13.90 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 109220

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	115.0
141	39.4	31.4	47.2

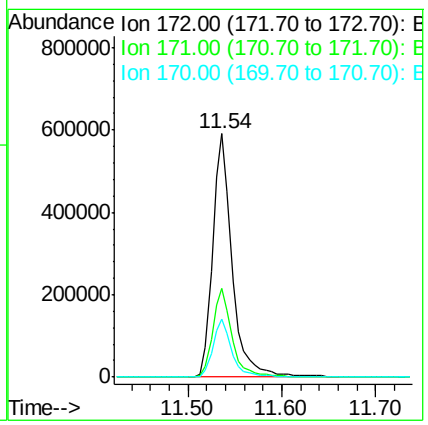


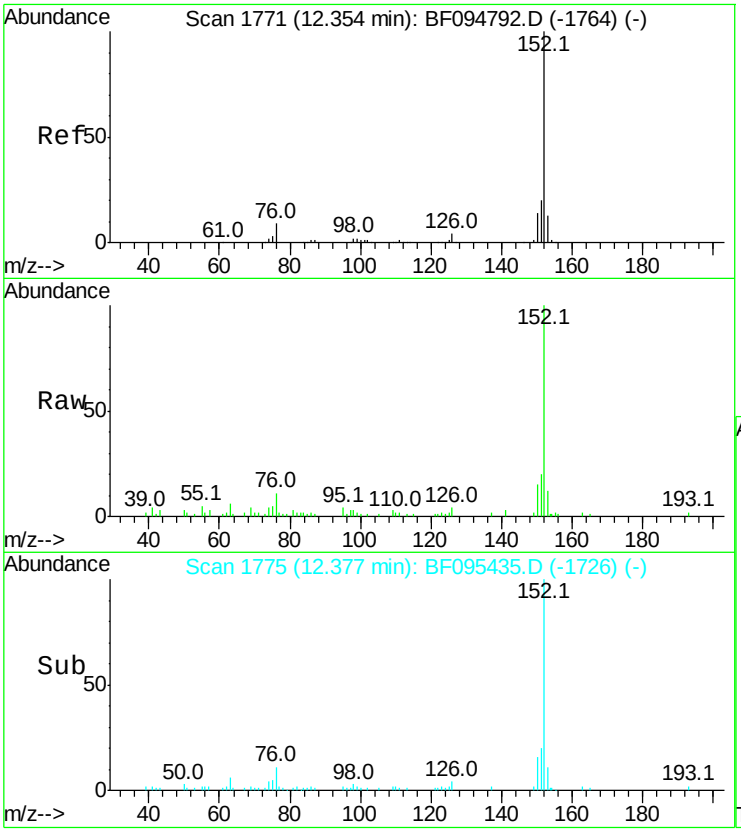


#44
2-Fluorobiphenyl
Concen: 71.61 ng
RT: 11.54 min Scan# 1632
Delta R.T. -0.02 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Tgt Ion:172 Resp: 859509

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.9	19.8	29.8



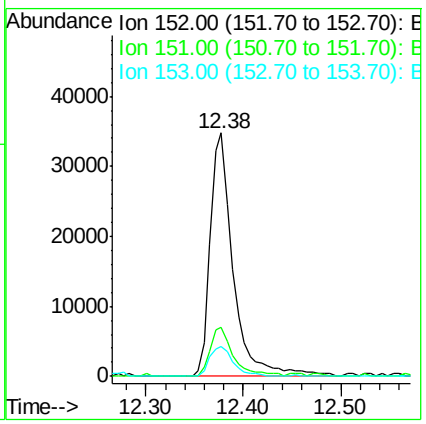


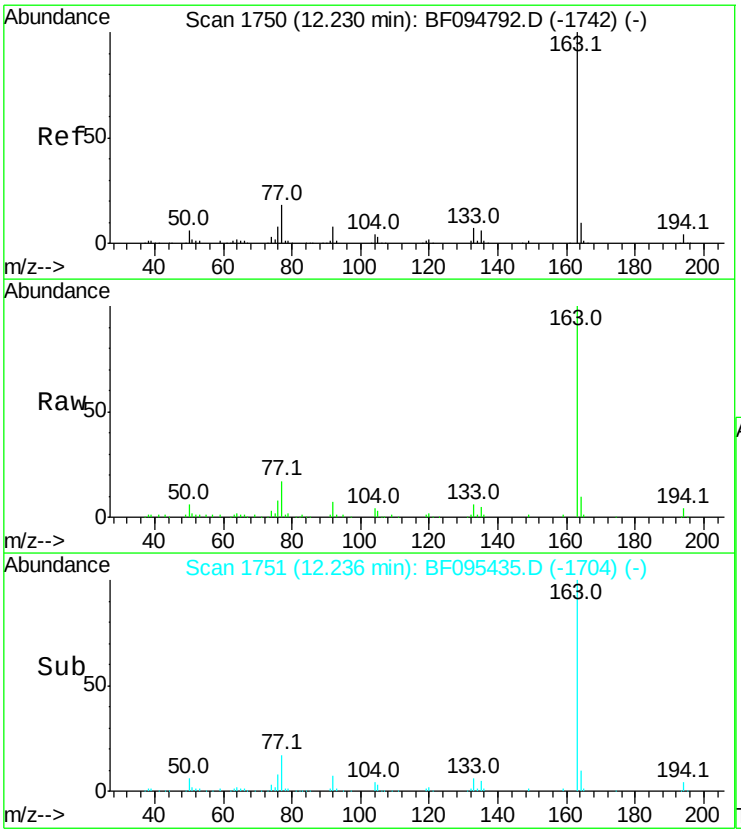
#48
Acenaphthylene
Concen: 3.09 ng
RT: 12.38 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 56832

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	12.1	10.8	16.2

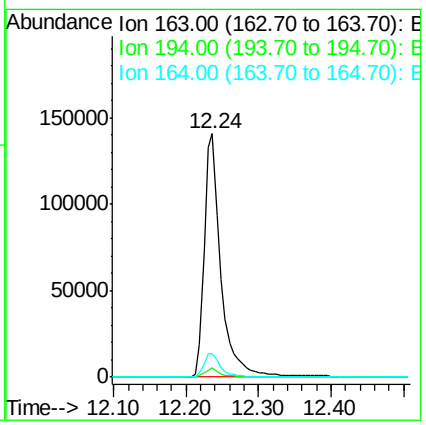


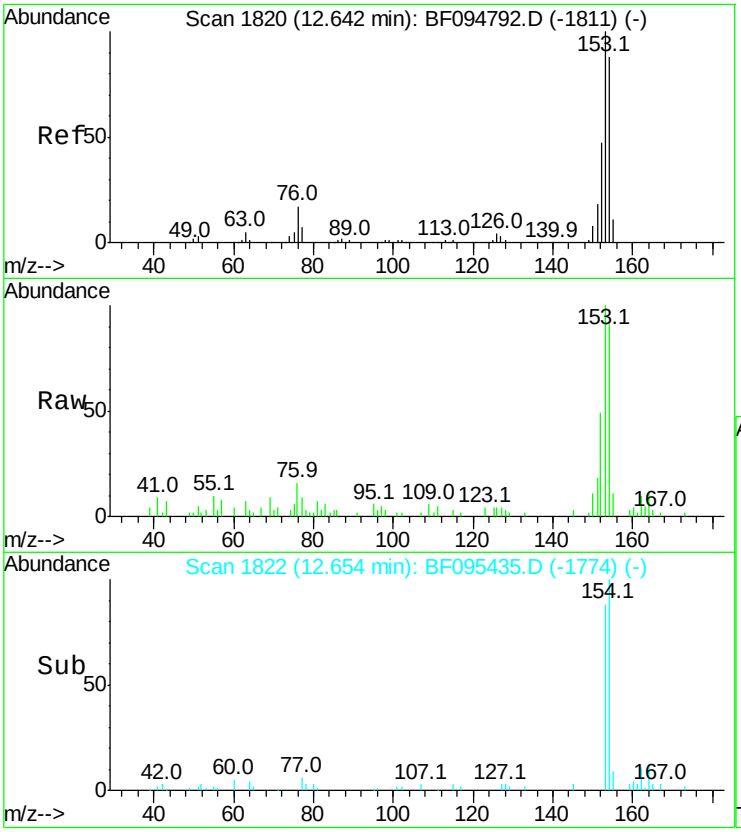


#49
Dimethylphthalate
Concen: 15.85 ng
RT: 12.24 min Scan# 1751
Delta R.T. -0.02 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Tgt Ion:163 Resp: 224850

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.6	8.4	12.6



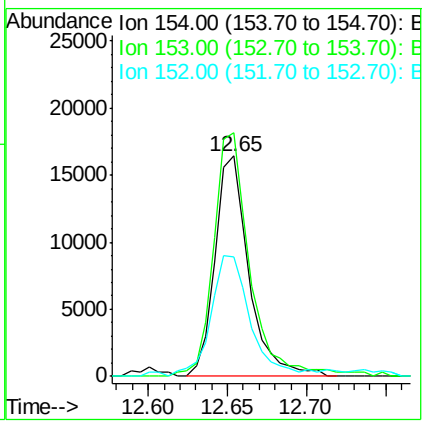


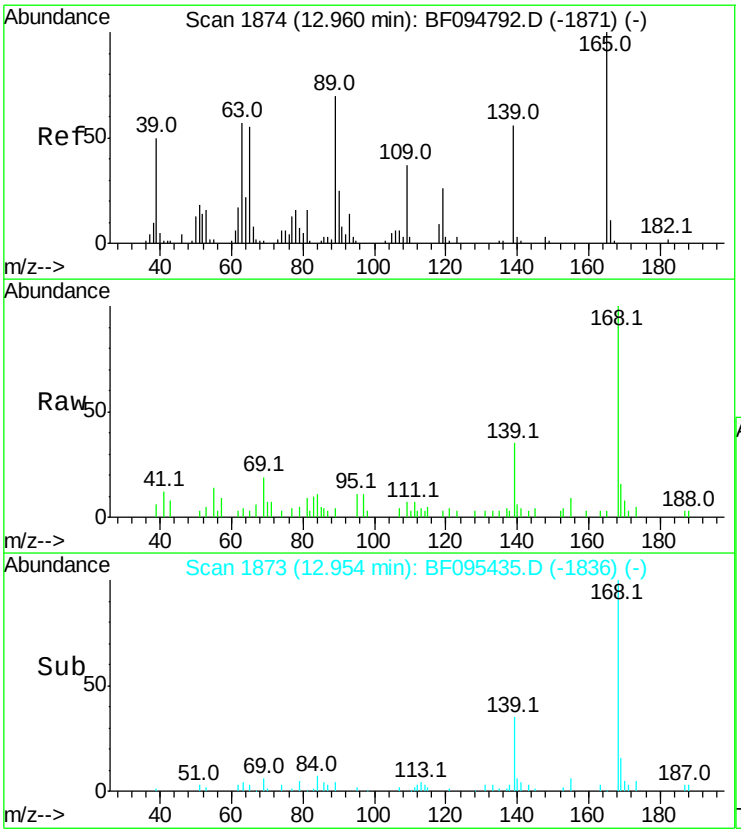
#51
Acenaphthene
Concen: 2.22 ng
RT: 12.65 min Scan# 1822
Delta R.T. -0.02 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 24372

Ion	Ratio	Lower	Upper
154	100		
153	110.5	90.5	135.7
152	54.2	43.6	65.4

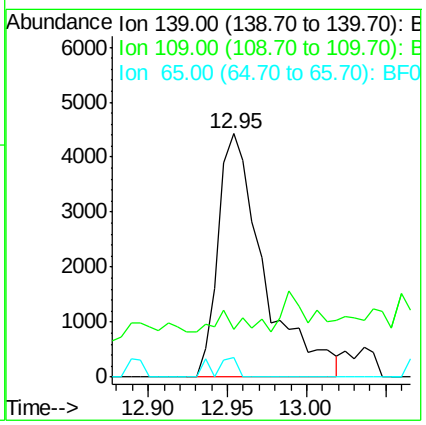


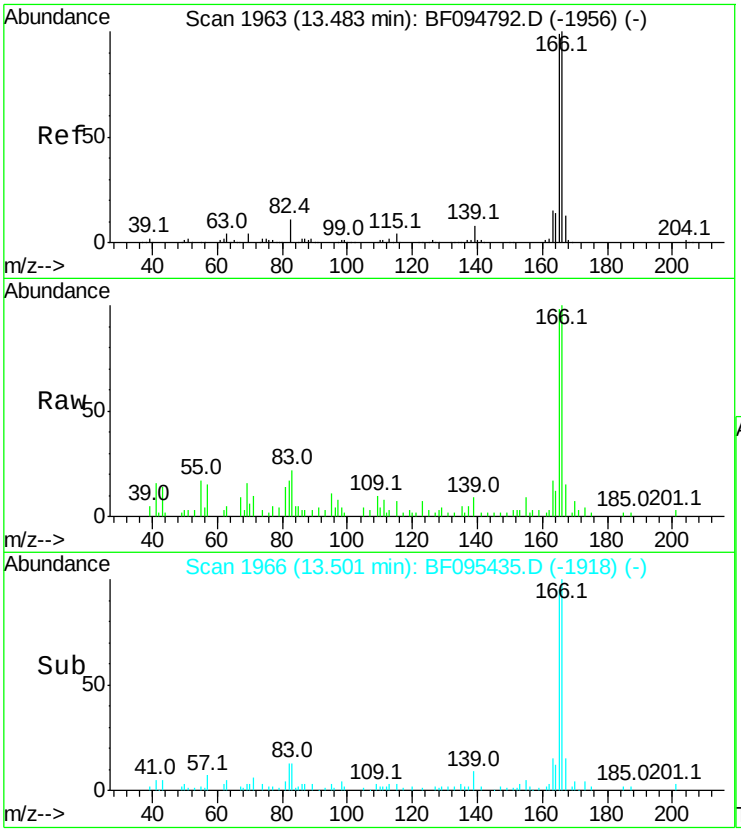


#55
4-Nitrophenol
Concen: 4.73 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.08 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Tgt Ion:139 Resp: 8821

Ion	Ratio	Lower	Upper
139	100		
109	19.6	34.1	74.1#
65	8.1	31.4	71.4#



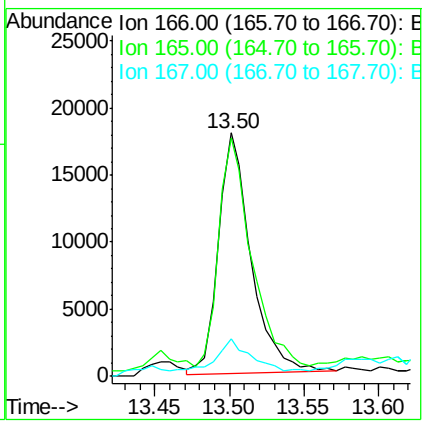


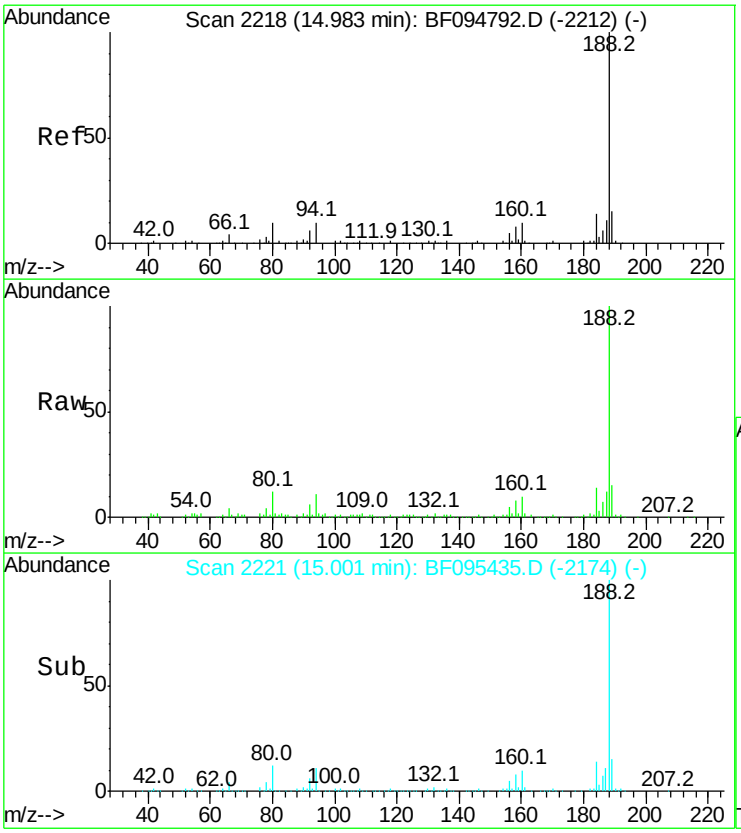
#57
Fluorene
Concen: 2.09 ng
RT: 13.50 min Scan# 1966
Delta R.T. -0.02 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 27574

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.8	118.2
167	15.3	10.6	16.0

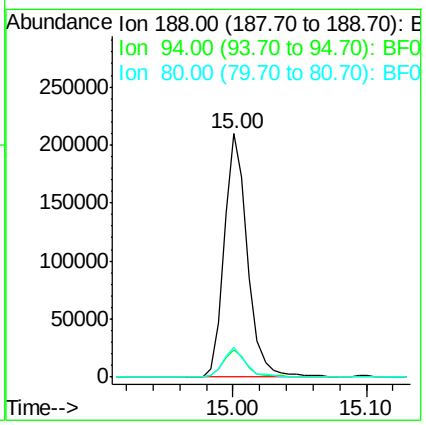


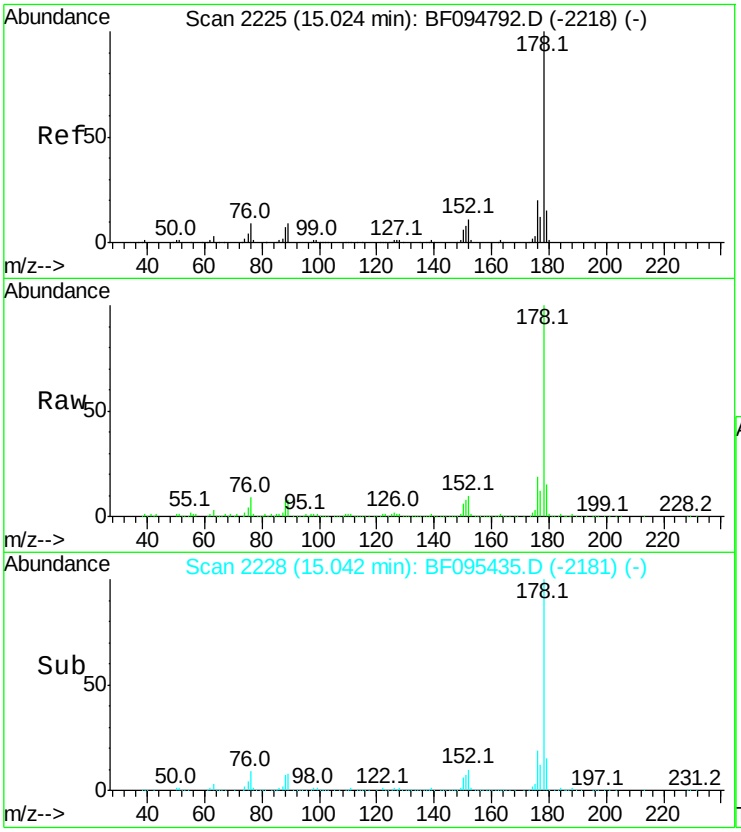


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Tgt Ion:188 Resp: 255980

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	12.1	10.2	15.2



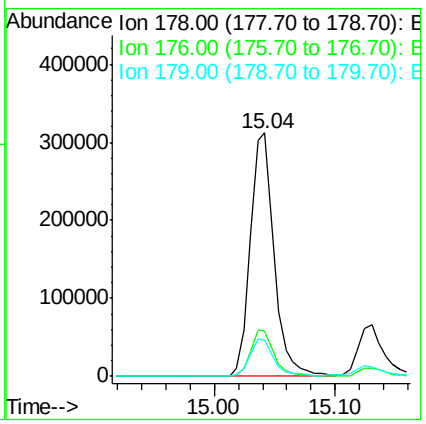


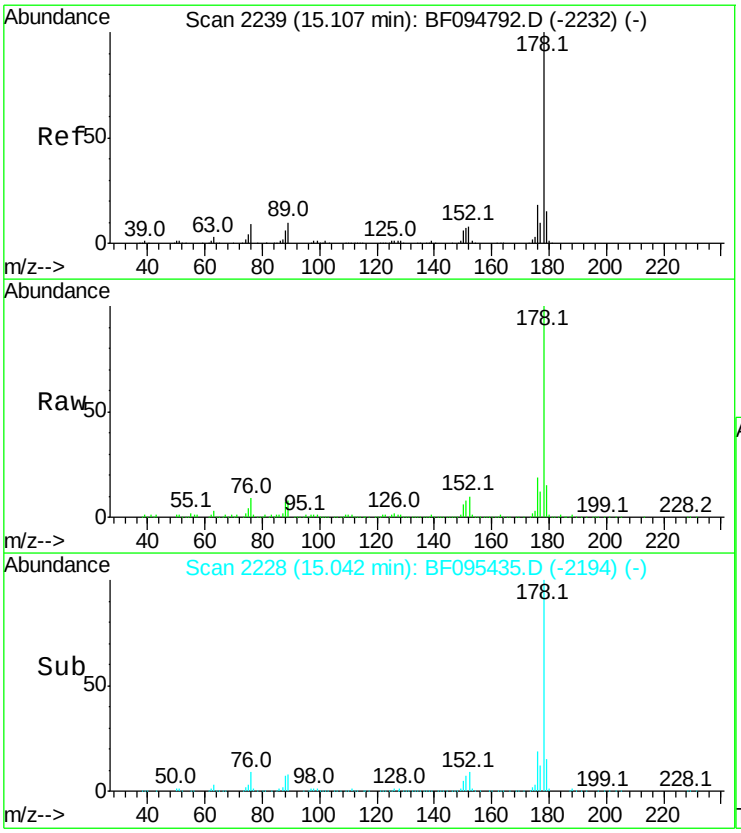
#70
Phenanthrene
Concen: 29.33 ng
RT: 15.04 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 431372

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.4
179	15.1	12.6	19.0

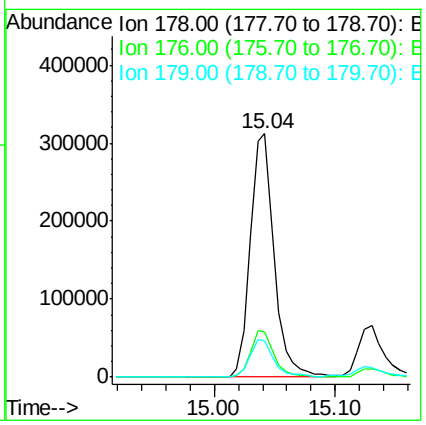


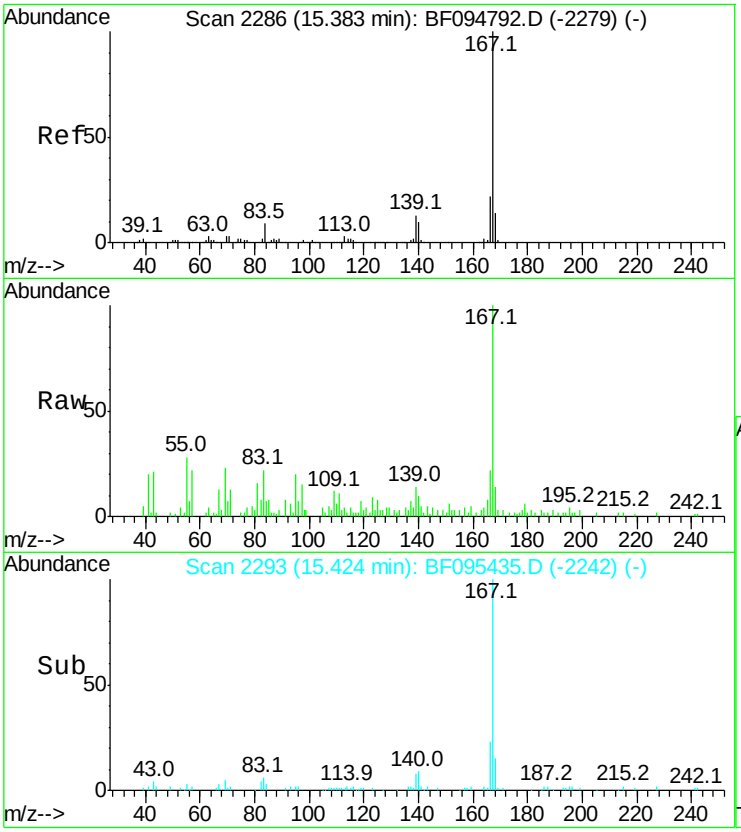


#71
Anthracene
Concen: 28.71 ng
RT: 15.04 min Scan# 2228
Delta R.T. -0.10 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Tgt Ion:178 Resp: 431372

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.1	12.7	19.1



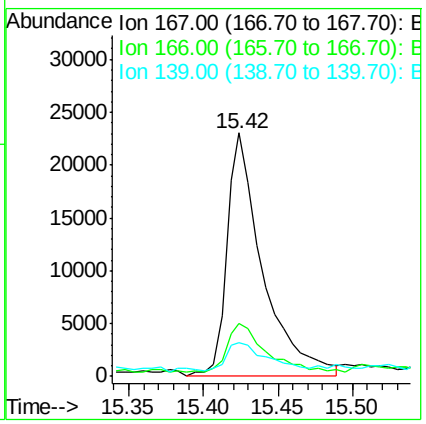


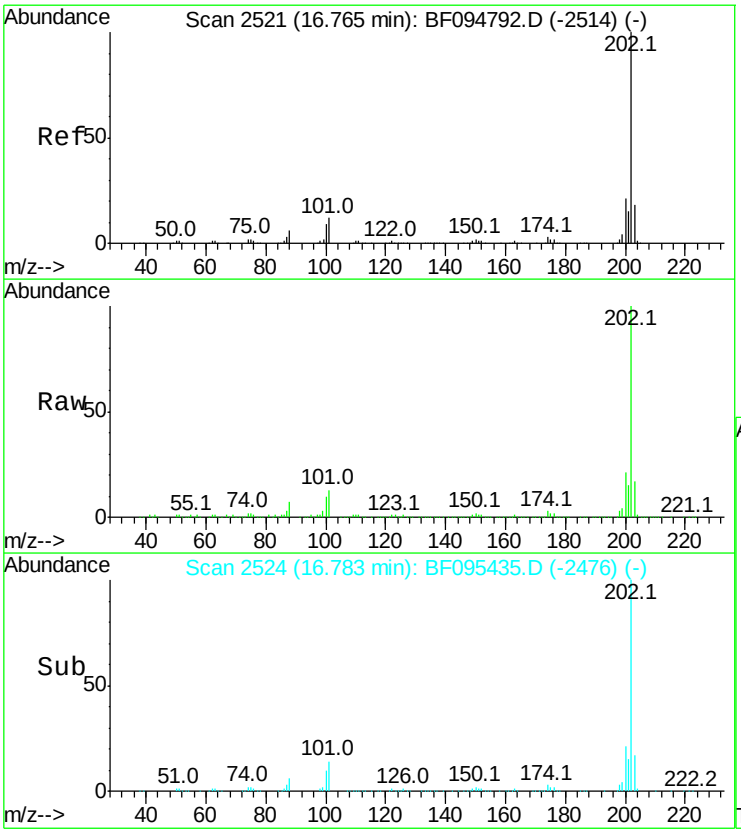
#72
Carbazole
Concen: 2.83 ng
RT: 15.42 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 38699

Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	13.7	11.7	17.5

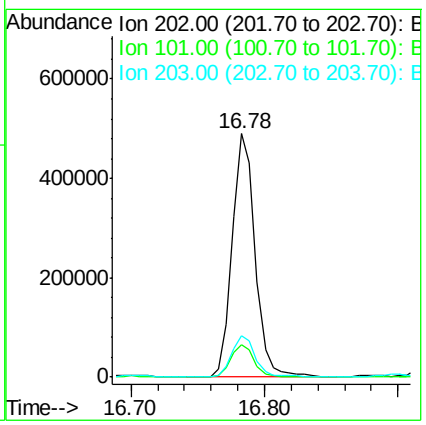


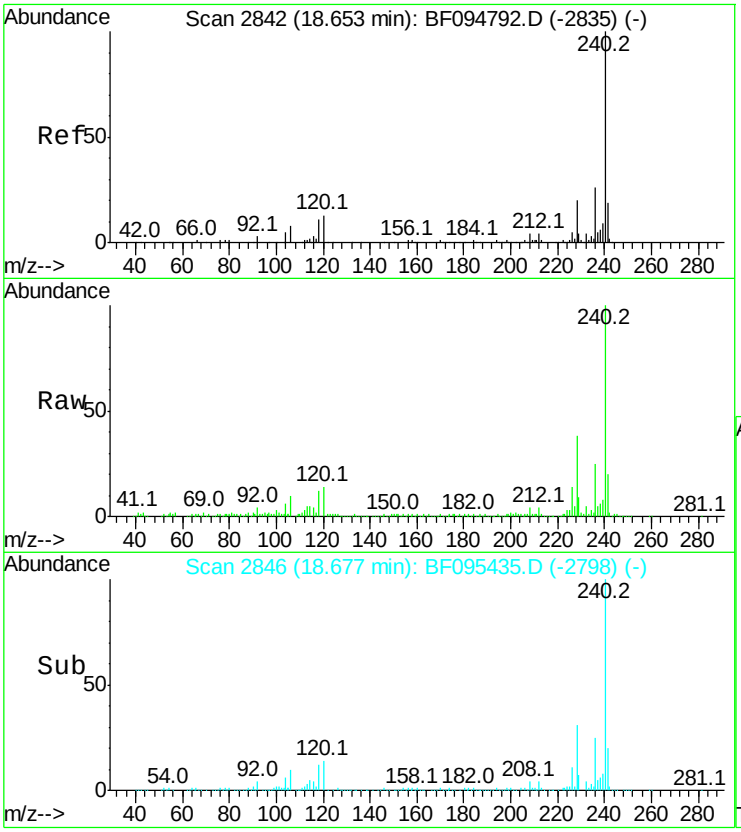


#74
Fluoranthene
Concen: 38.99 ng
RT: 16.78 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Tgt Ion:202 Resp: 588315

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.2
203	17.1	0.0	38.1



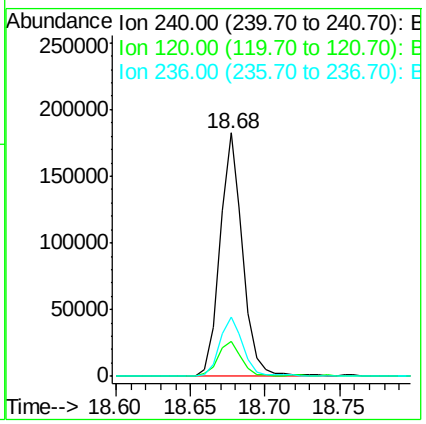


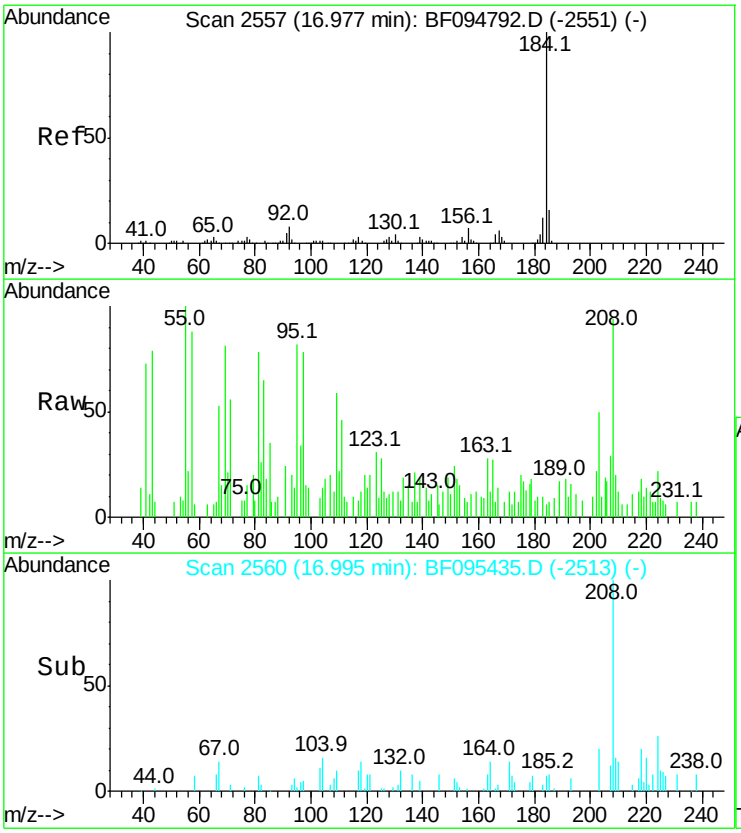
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 193431

Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.8	8.8#
236	24.5	20.5	30.7

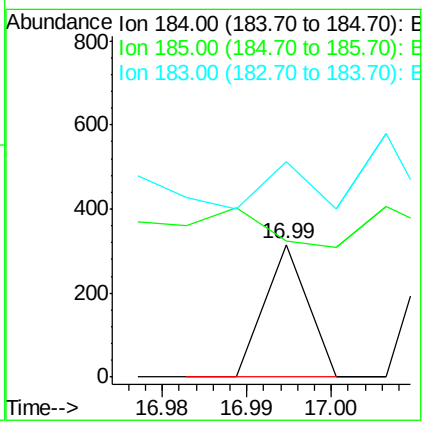


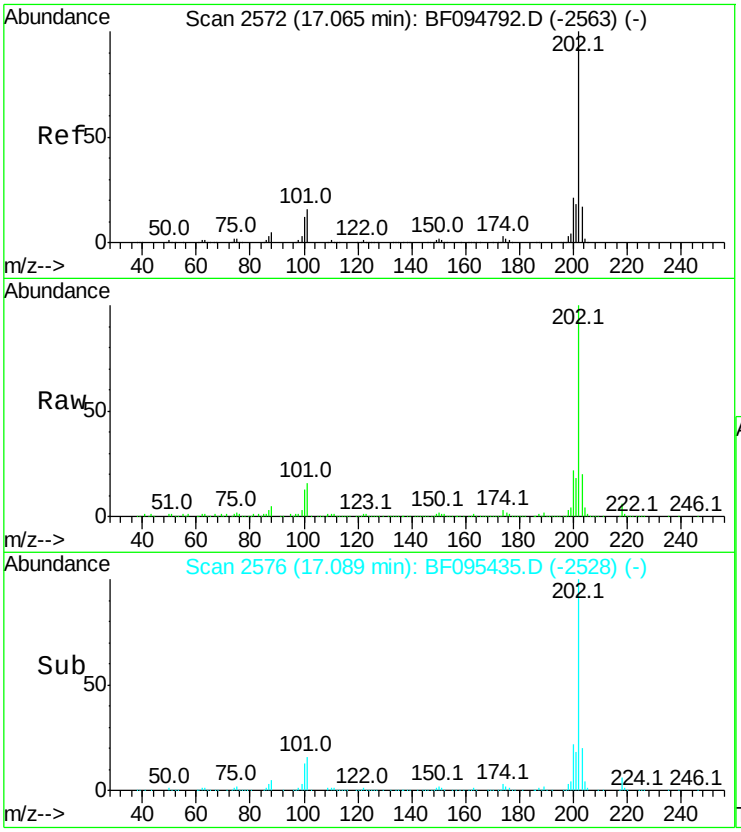


#76
Benzidine
Concen: 6.61 ng
RT: 16.99 min Scan# 2560
Delta R.T. -0.02 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Tgt Ion:184 Resp: 111

Ion	Ratio	Lower	Upper
184	100		
185	102.2	15.5	23.3#
183	162.7	9.8	14.6#



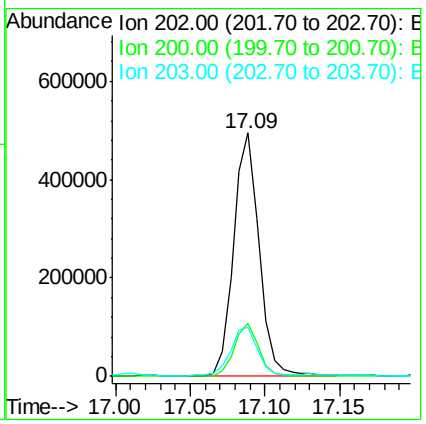


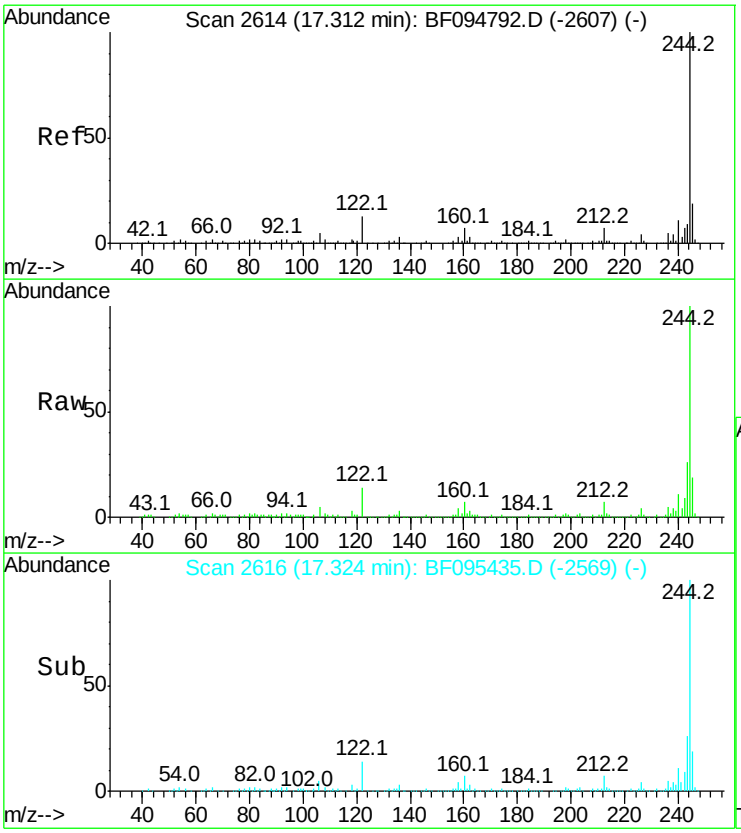
#77
Pyrene
Concen: 40.69 ng
RT: 17.09 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 588691

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	20.1	14.4	21.6

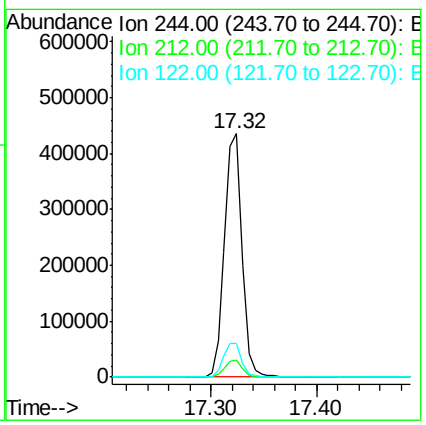


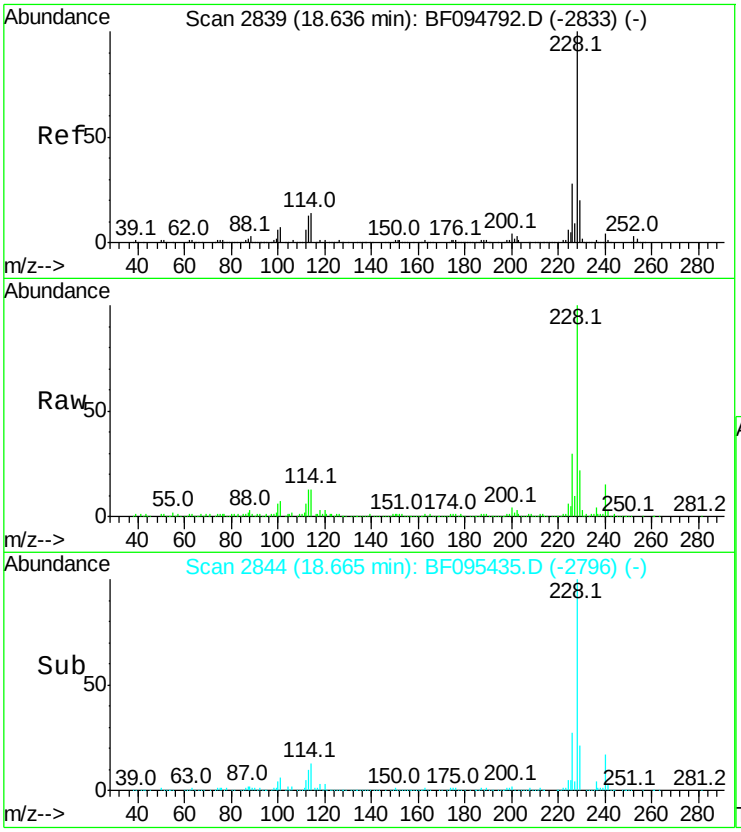


#78
Terphenyl-d14
Concen: 57.24 ng
RT: 17.32 min Scan# 2616
Delta R.T. -0.02 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Tgt Ion:244 Resp: 502677

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.8	10.3	15.5



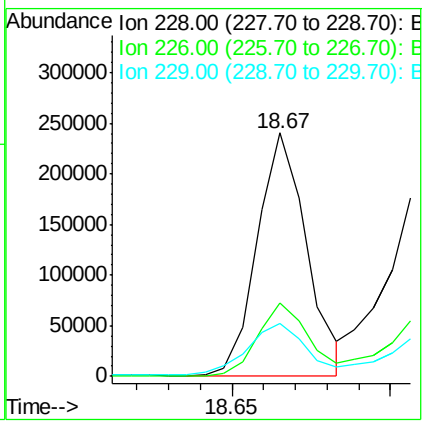


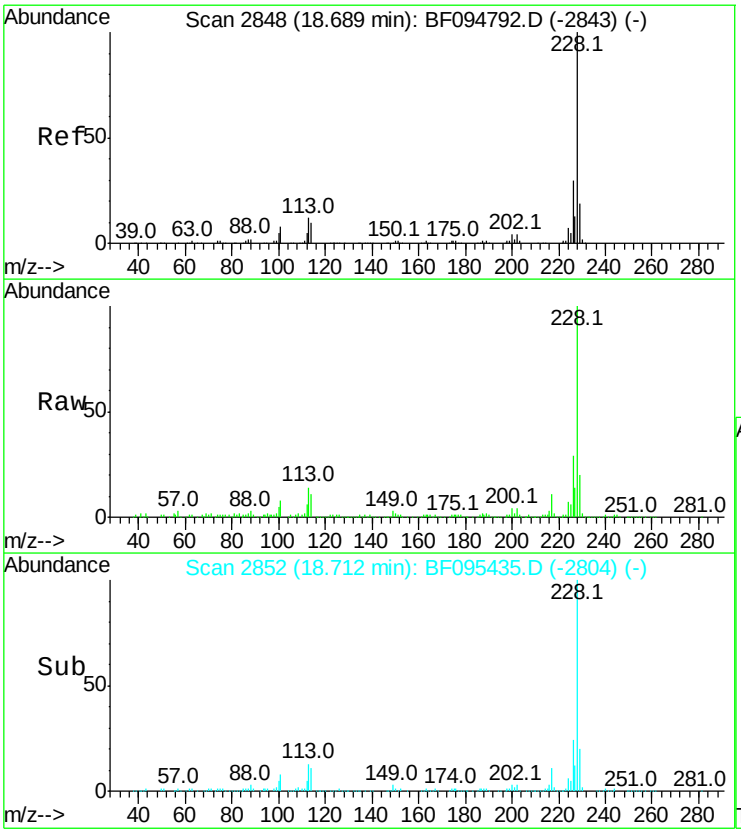
#80
Benzo(a)anthracene
Concen: 23.14 ng
RT: 18.67 min Scan# 2844
Delta R.T. -0.02 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 260469

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	33.8
229	21.6	16.3	24.5

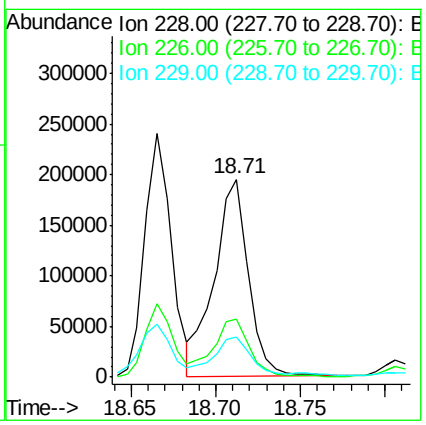


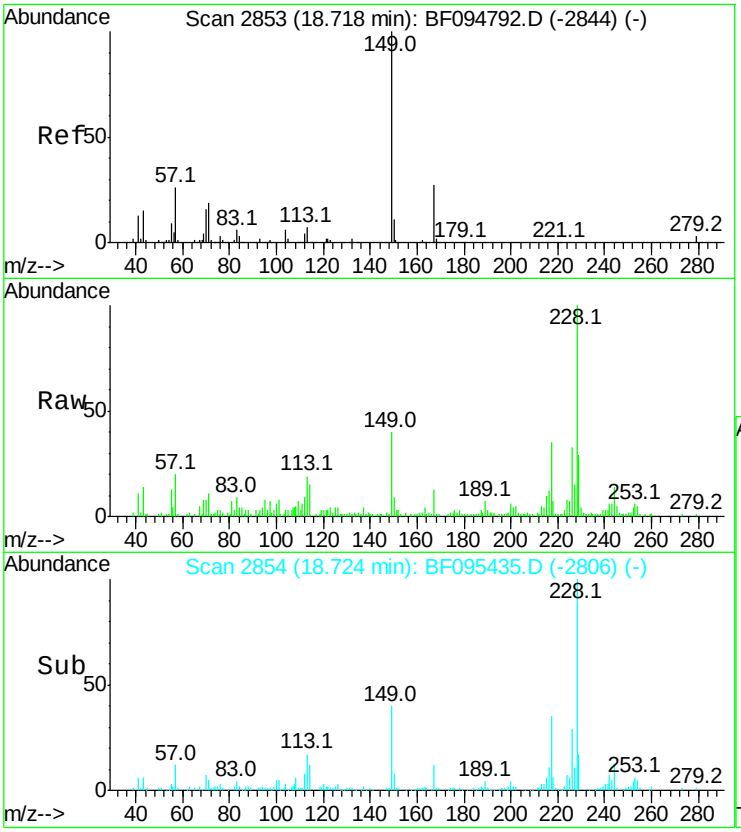


#82
Chrysene
Concen: 25.15 ng
RT: 18.71 min Scan# 2852
Delta R.T. -0.02 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Tgt Ion:228 Resp: 273743

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.9	37.3
229	20.2	15.8	23.6



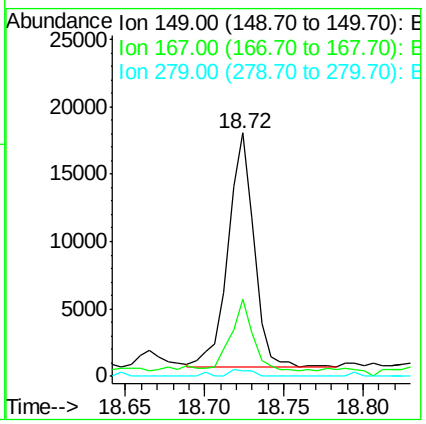


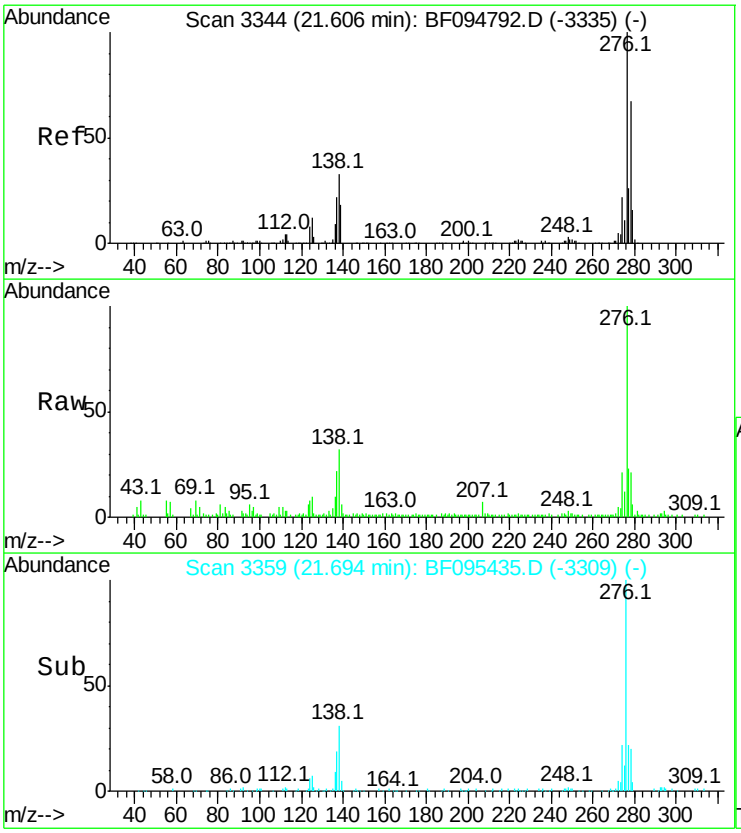
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.05 ng
RT: 18.72 min Scan# 2854
Delta R.T. -0.02 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 19623

Ion	Ratio	Lower	Upper
149	100		
167	31.6	21.0	31.4#
279	2.2	1.9	2.9

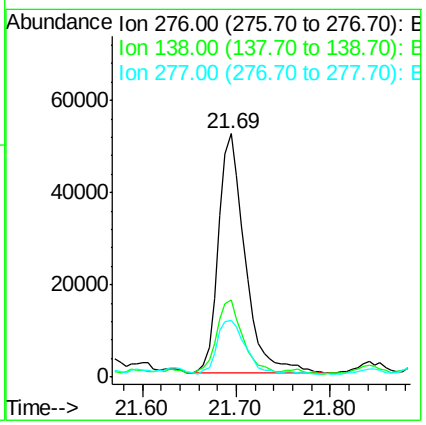


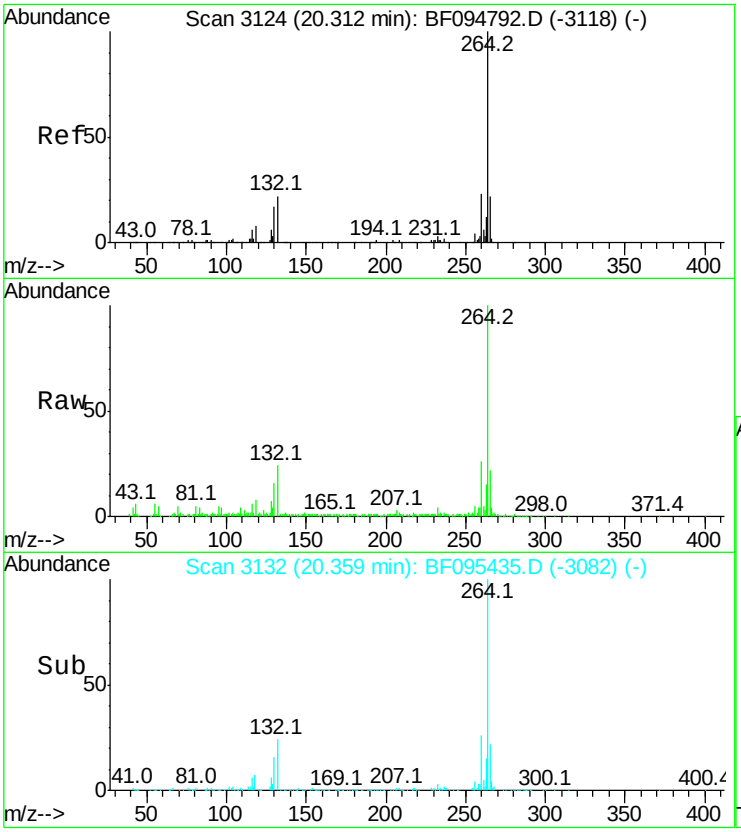


#85
Indeno(1,2,3-cd)pyrene
Concen: 11.66 ng
RT: 21.69 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Tgt Ion:276 Resp: 103074

Ion	Ratio	Lower	Upper
276	100		
138	29.8	27.8	41.6
277	23.5	20.2	30.4



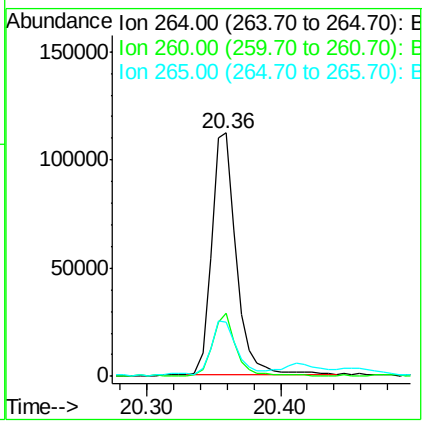


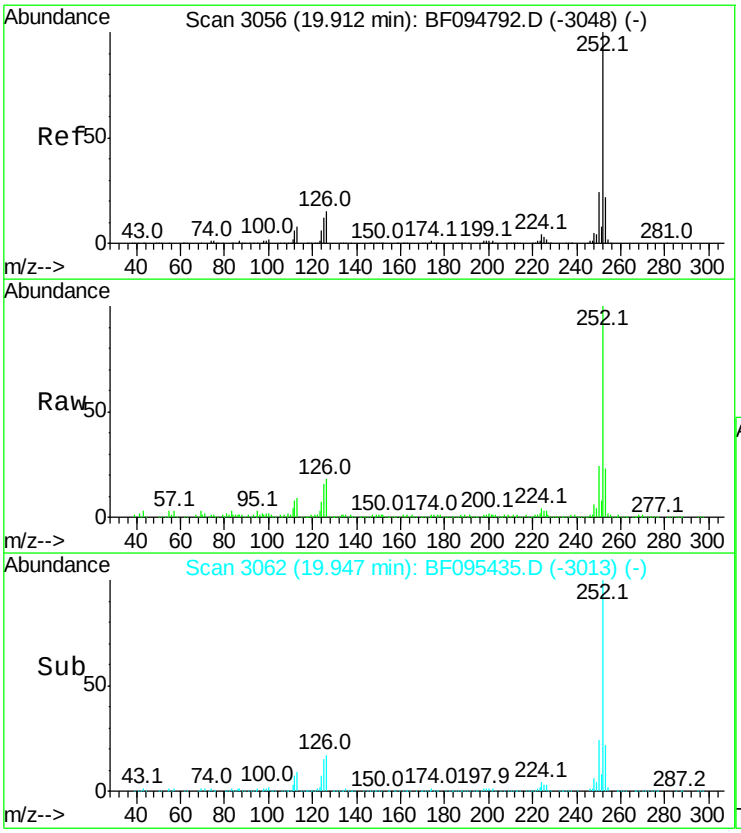
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 145906

Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.5	29.3
265	22.4	17.2	25.8

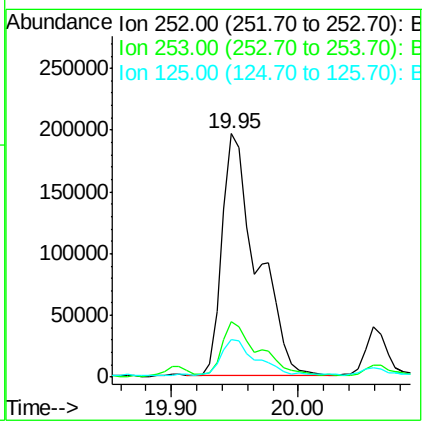


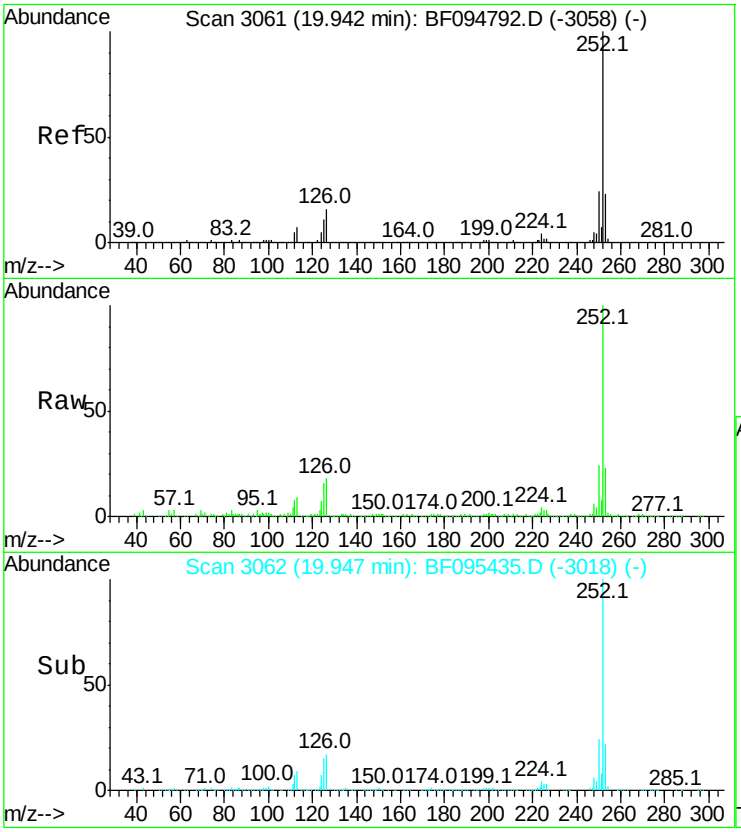


#87
Benzo(b)fluoranthene
Concen: 41.66 ng
RT: 19.95 min Scan# 3062
Delta R.T. -0.01 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Tgt Ion:252 Resp: 375595

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	15.5	9.8	14.8#



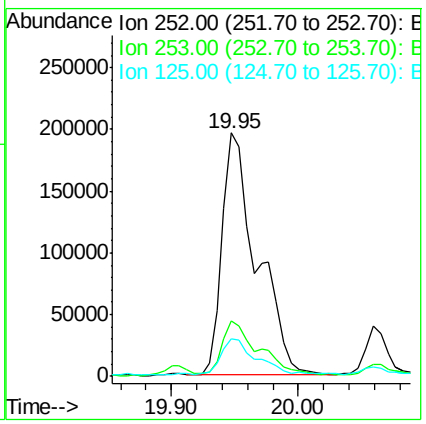


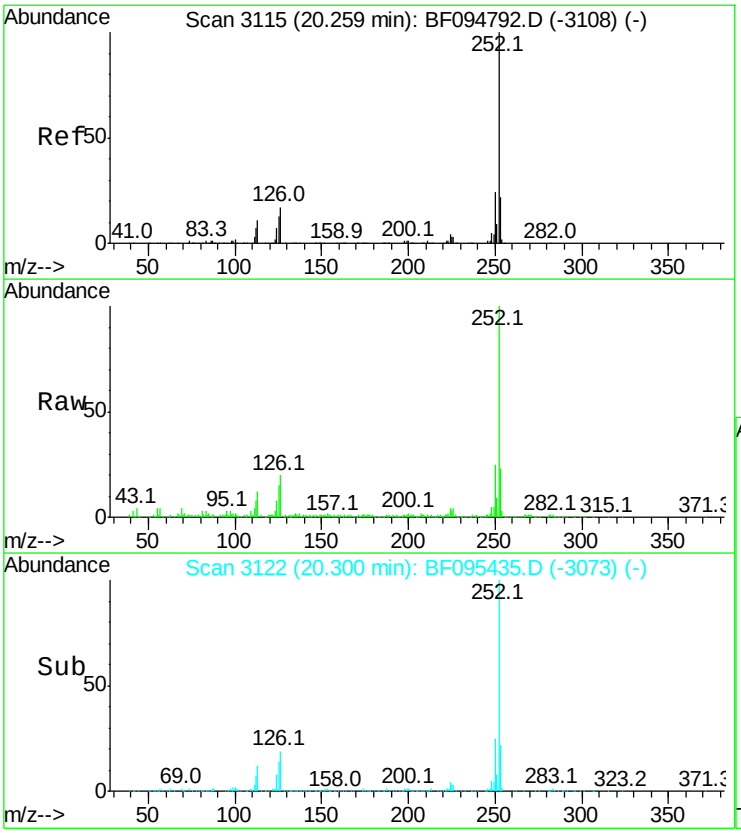
#88
Benzo(k)fluoranthene
Concen: 43.19 ng
RT: 19.95 min Scan# 3062
Delta R.T. -0.04 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 375595

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	15.5	13.1	19.7

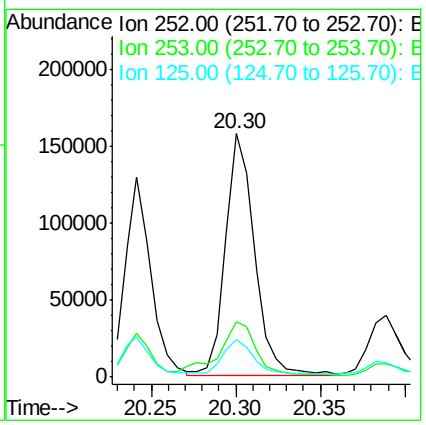


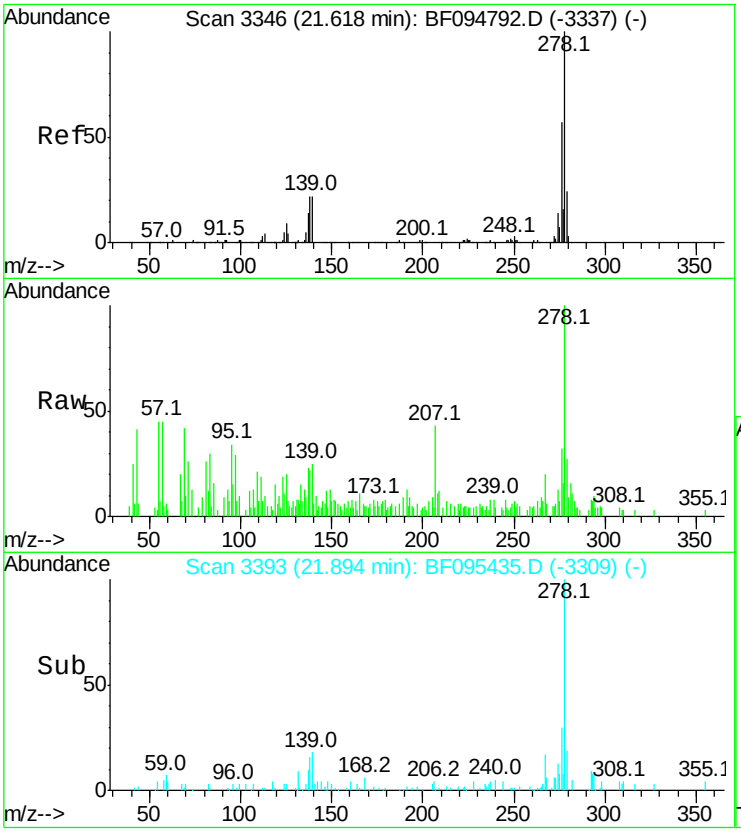


#89
Benzo(a)pyrene
Concen: 22.65 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Tgt Ion:252 Resp: 188410

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	15.3	11.0	16.4



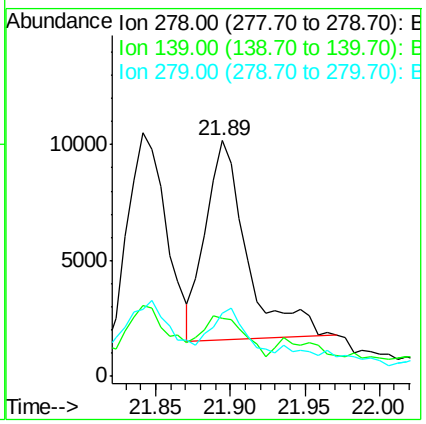


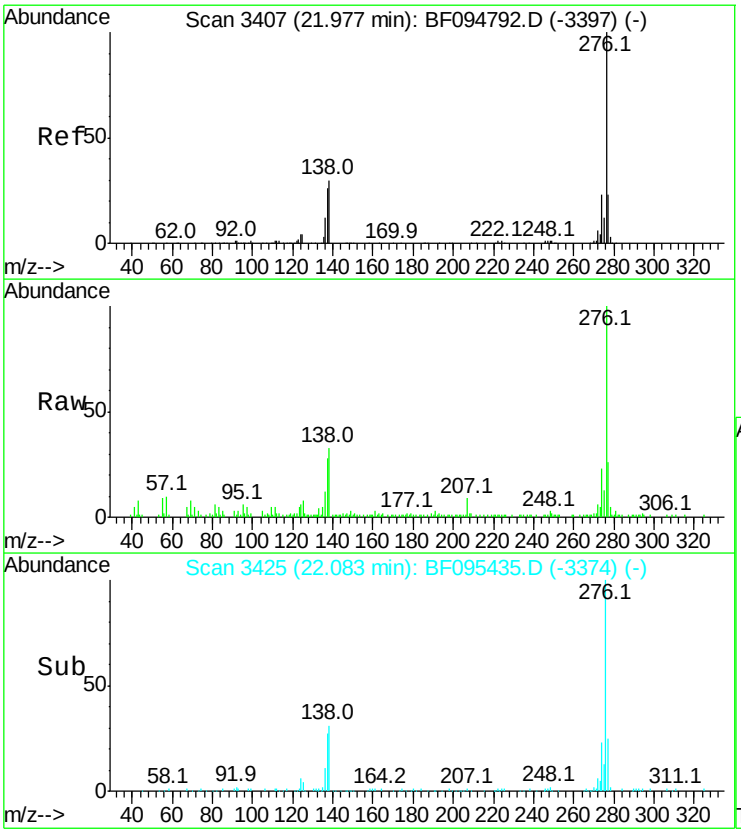
#90
Dibenzo(a,h)anthracene
Concen: 2.42 ng
RT: 21.89 min Scan# 3393
Delta R.T. 0.19 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 16646

Ion	Ratio	Lower	Upper
278	100		
139	24.7	16.6	24.8
279	26.8	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 15.10 ng
RT: 22.08 min Scan# 3425
Delta R.T. 0.00 min
Lab File: BF095435.D
Acq: 25 May 2017 21:28

Tgt Ion:276 Resp: 101835

Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.6	28.0
138	32.6	25.4	38.0