Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095440.D
Acq On : 26 May 2017 00:08
Operator : SJ/MA
Sample : I3200-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 26 01:16:26 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	100850	20.00	ng		-0.02
21) Naphthalene-d8	9.77	136	398995	20.00	ng		-0.02
38) Acenaphthene-d10	12.60	164	163258	20.00	ng		-0.02
63) Phenanthrene-d10	15.00	188	235970	20.00	ng		-0.02
75) Chrysene-d12	18.68	240	193032	20.00	ng		-0.01
86) Perylene-d12	20.36	264	146164	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	282822	46.75	ng		-0.01
7) Phenol-d6	7.31	99	358864	49.44	ng		0.00
23) Nitrobenzene-d5	8.65	82	199065	31.46	ng		-0.02
41) 2,4,6-Tribromophenol	13.91	330	57449	42.97	ng		-0.01
44) 2-Fluorobiphenyl	11.54	172	419858	37.02	ng		-0.02
78) Terphenyl-d14	17.32	244	253495	28.92	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.65	70	21010	4.28	ng	#	77
49) Dimethylphthalate	12.24	163	88494	6.60	ng		98
51) Acenaphthene	12.65	154	25040	2.41	ng		97
70) Phenanthrene	15.04	178	434605	32.05	ng		98
71) Anthracene	15.13	178	88636	6.40	ng		94
72) Carbazole	15.42	167	26839	2.13	ng	#	90
73) Di-n-butylphthalate	15.96	149	108130	6.88	ng		97
74) Fluoranthene	16.79	202	748744	53.84	ng		99
76) Benzidine	17.04	184	785	6.72	ng	#	1
77) Pyrene	17.09	202	879237	60.90	ng		99
80) Benzo(a)anthracene	18.67	228	418177	37.22	ng		97
82) Chrysene	18.71	228	441420	40.64	ng		98
83) Bis(2-ethylhexyl)phthalate	18.73	149	267193	27.93	ng	#	99
85) Indeno(1,2,3-cd)pyrene	21.69	276	114926	13.03	ng		92
87) Benzo(b)fluoranthene	19.95	252	449609	49.78	ng	#	96
88) Benzo(k)fluoranthene	19.95	252	449609	51.61	ng		98
89) Benzo(a)pyrene	20.30	252	243136	29.17	ng		97
90) Dibenzo(a,h)anthracene	21.69	278	31282	4.54	ng	#	91
91) Benzo(g,h,i)perylene	22.08	276	116560	17.26	ng		99

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

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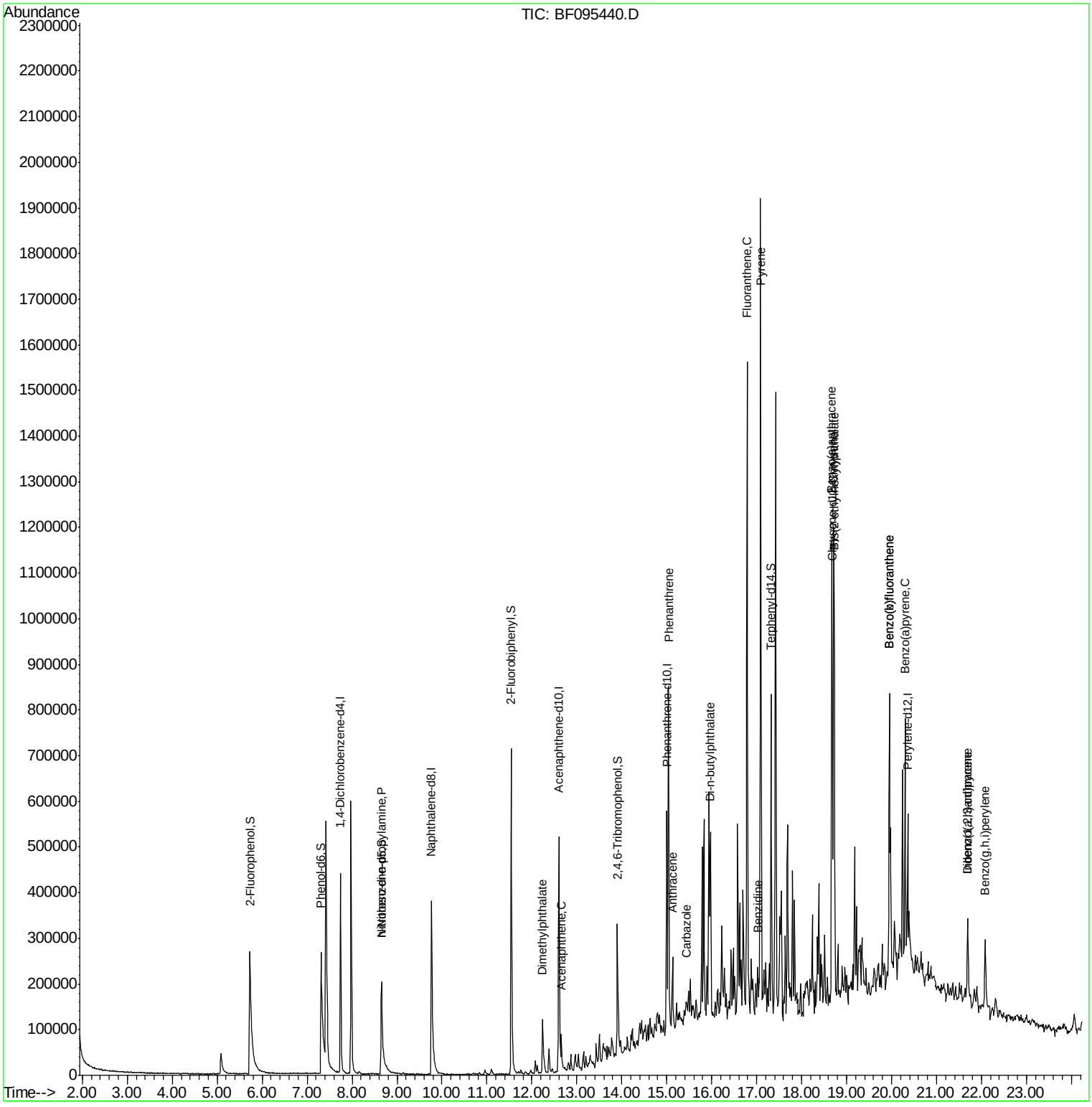
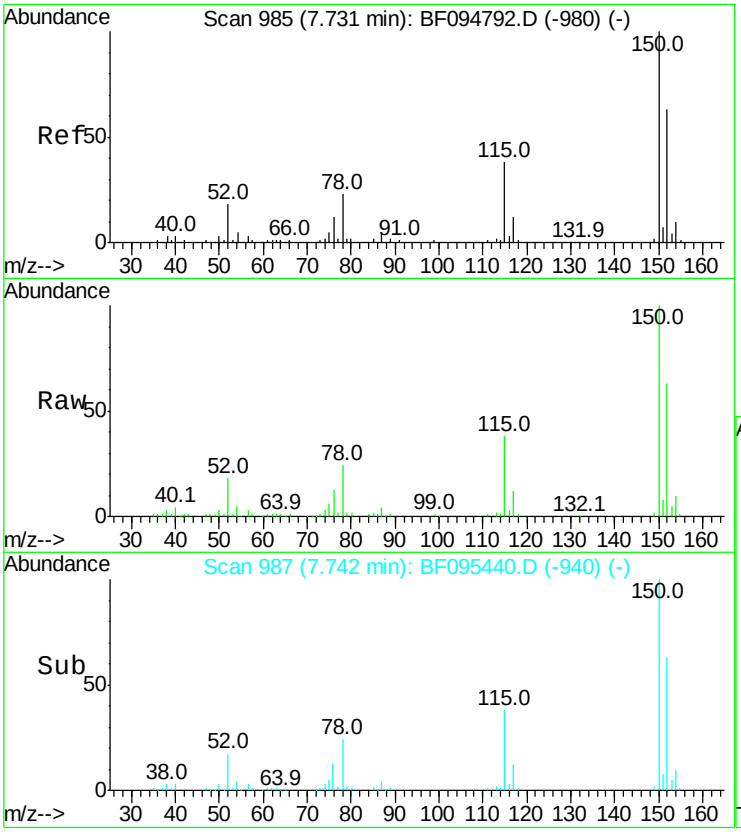


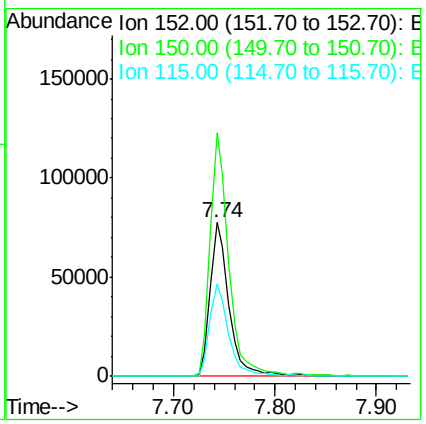


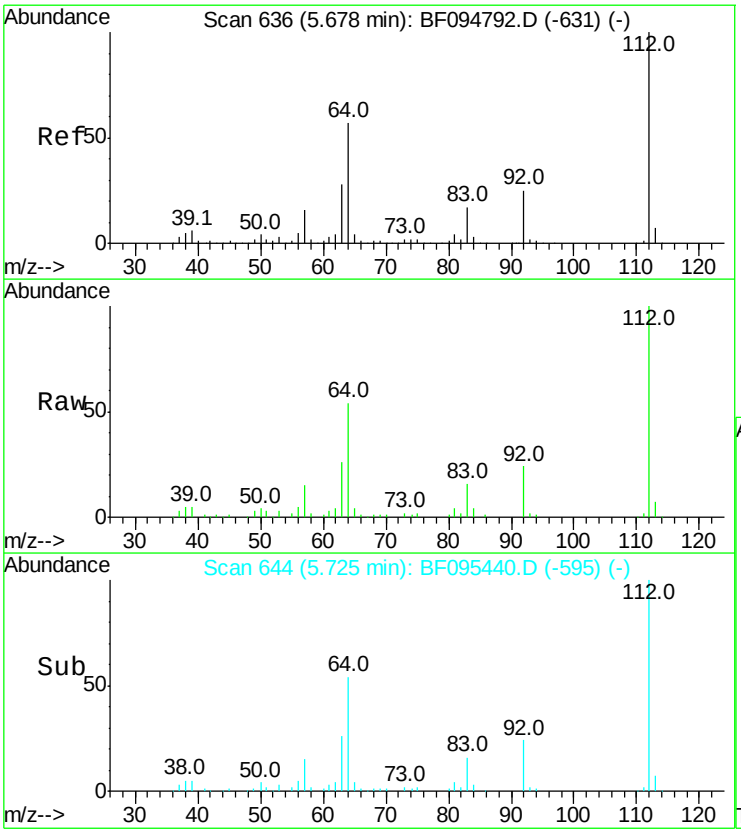
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 100850

Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.2	189.2
115	60.3	52.2	78.2

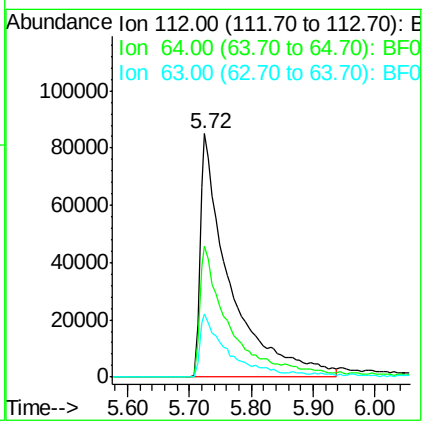


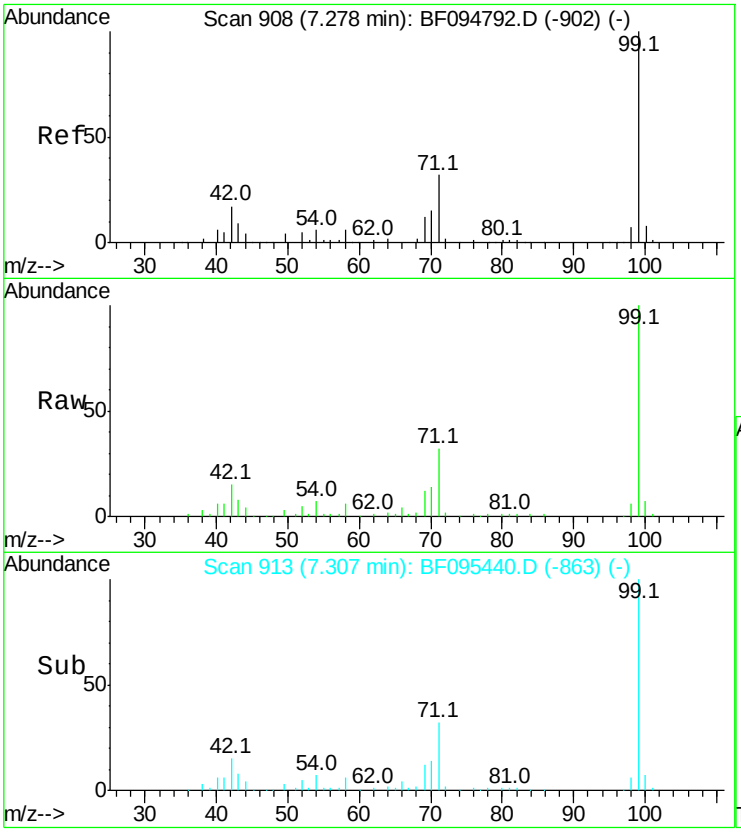


#5
2-Fluorophenol
Concen: 46.75 ng
RT: 5.72 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Tgt Ion:112 Resp: 282822

Ion	Ratio	Lower	Upper
112	100		
64	54.0	46.0	69.0
63	26.2	23.4	35.0



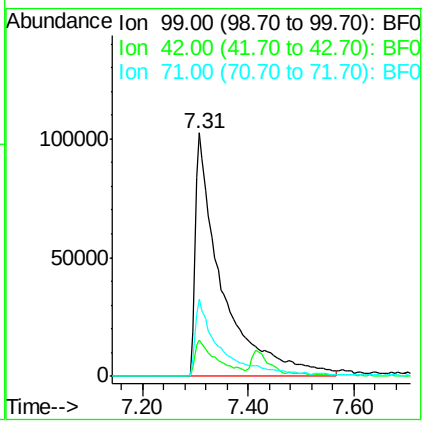


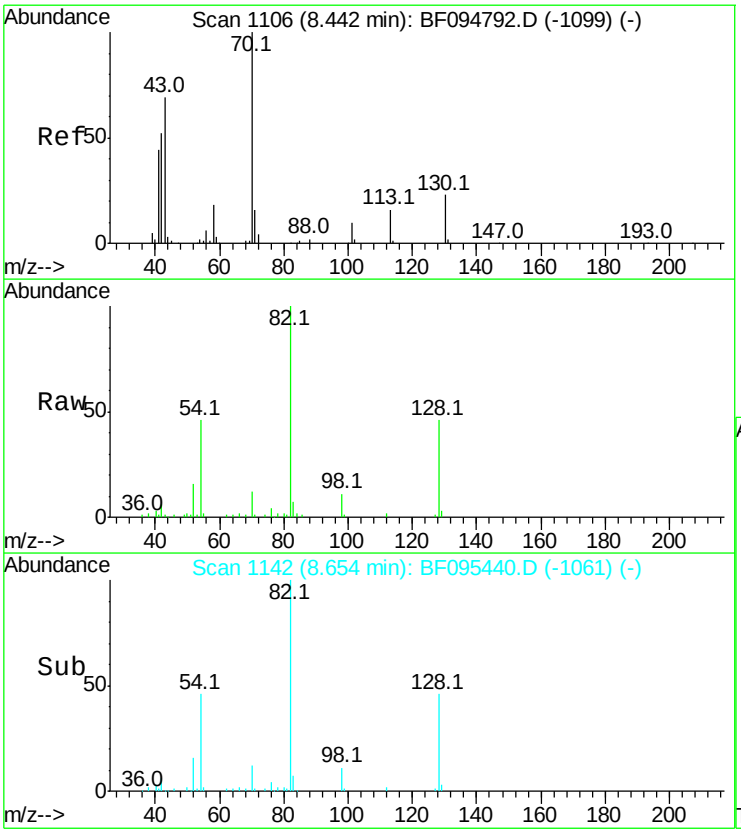
#7
Phenol-d6
Concen: 49.44 ng
RT: 7.31 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 358864

Ion	Ratio	Lower	Upper
99	100		
42	15.0	13.5	20.3
71	31.8	24.5	36.7

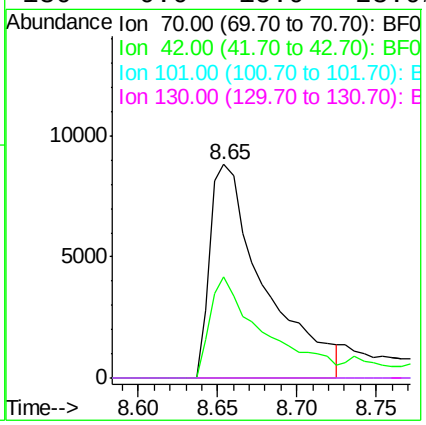


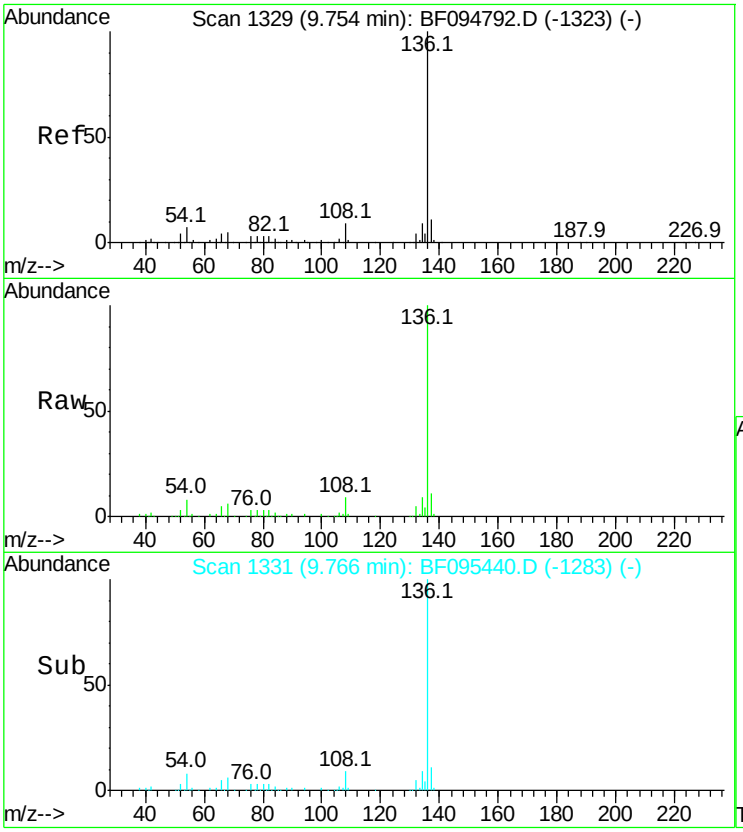


#19
n-Nitroso-di-n-propylamine
Concen: 4.28 ng
RT: 8.65 min Scan# 1142
Delta R.T. 0.18 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Tgt Ion: 70 Resp: 21010

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



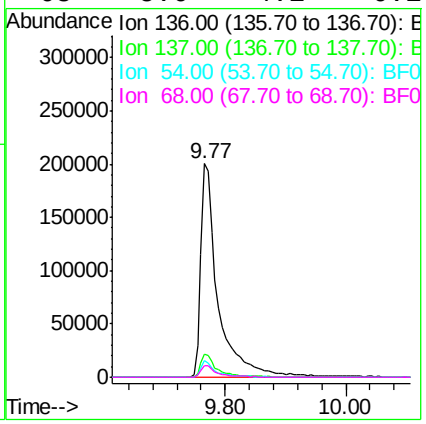


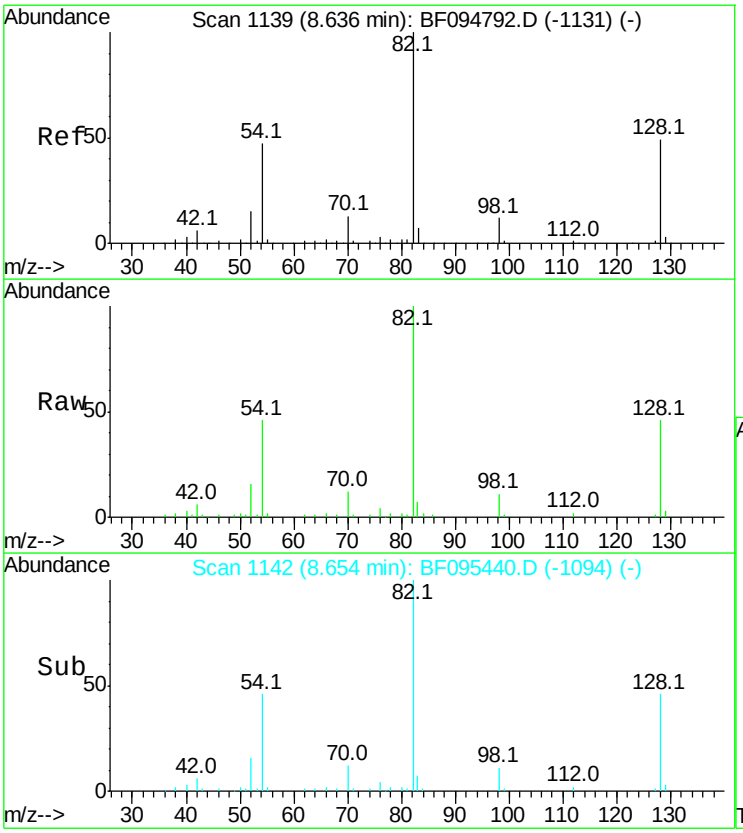
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 398995

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.5	4.9	7.3#
68	5.6	4.1	6.1

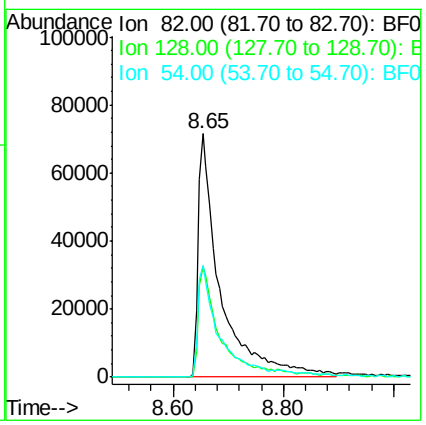


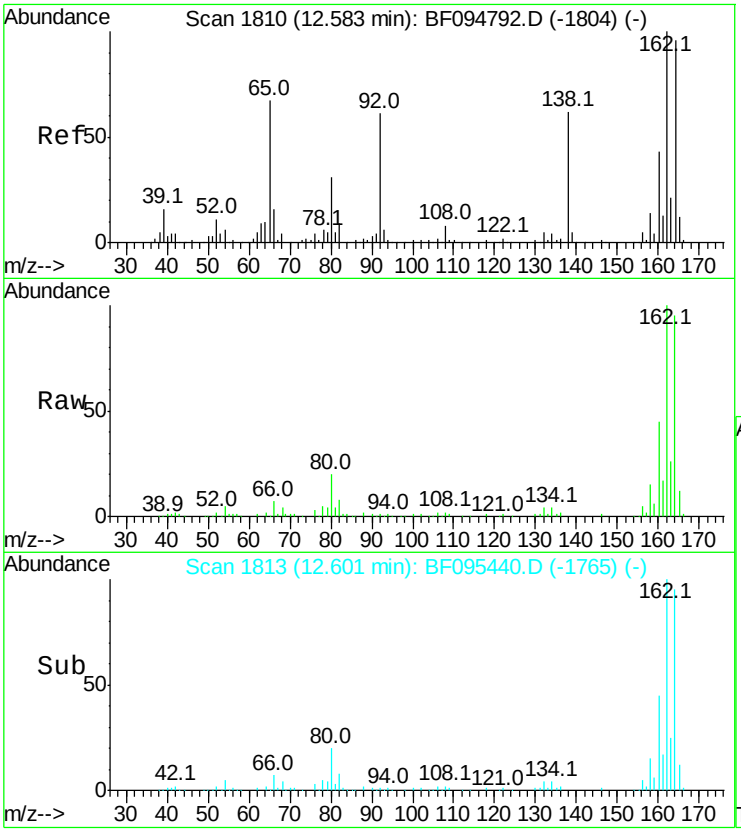


#23
Nitrobenzene-d5
Concen: 31.46 ng
RT: 8.65 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Tgt Ion: 82 Resp: 199065

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.0	51.0
54	45.8	42.2	63.2



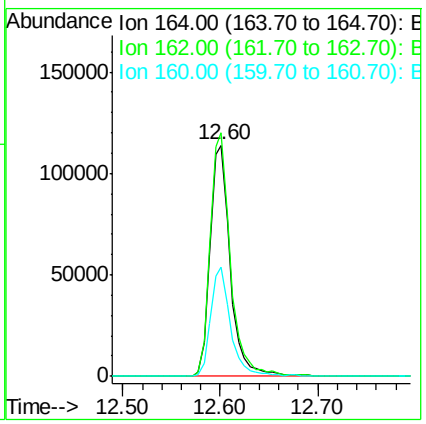


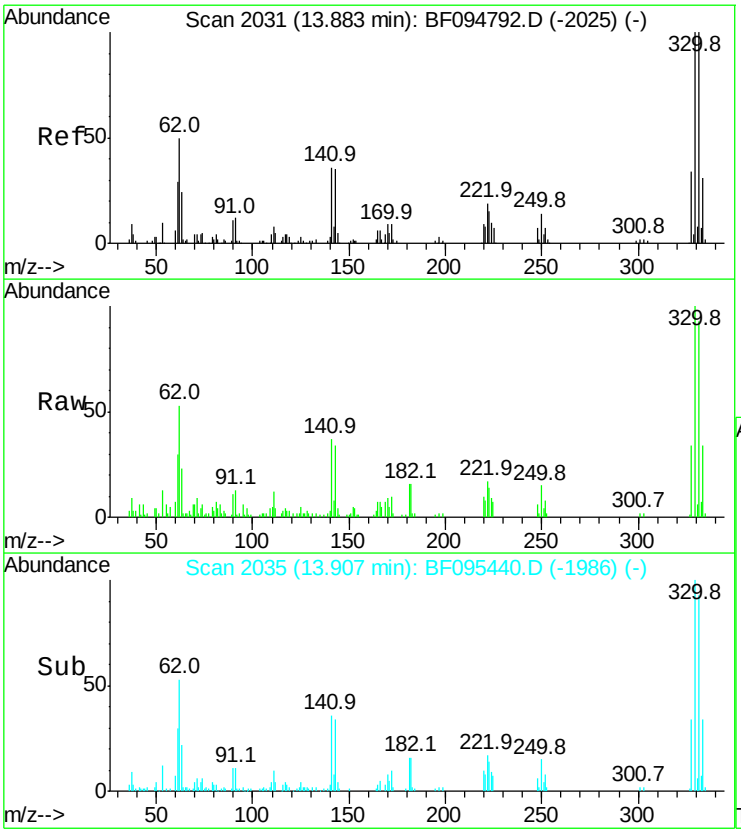
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 163258

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.6	123.8
160	47.4	36.2	54.2

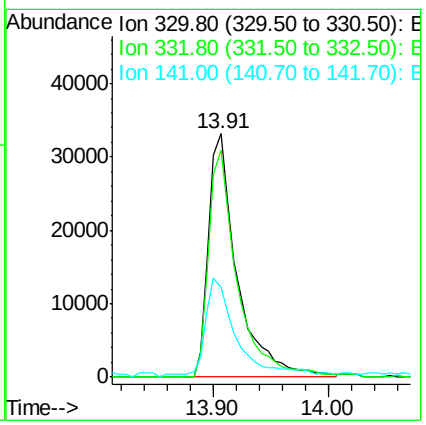


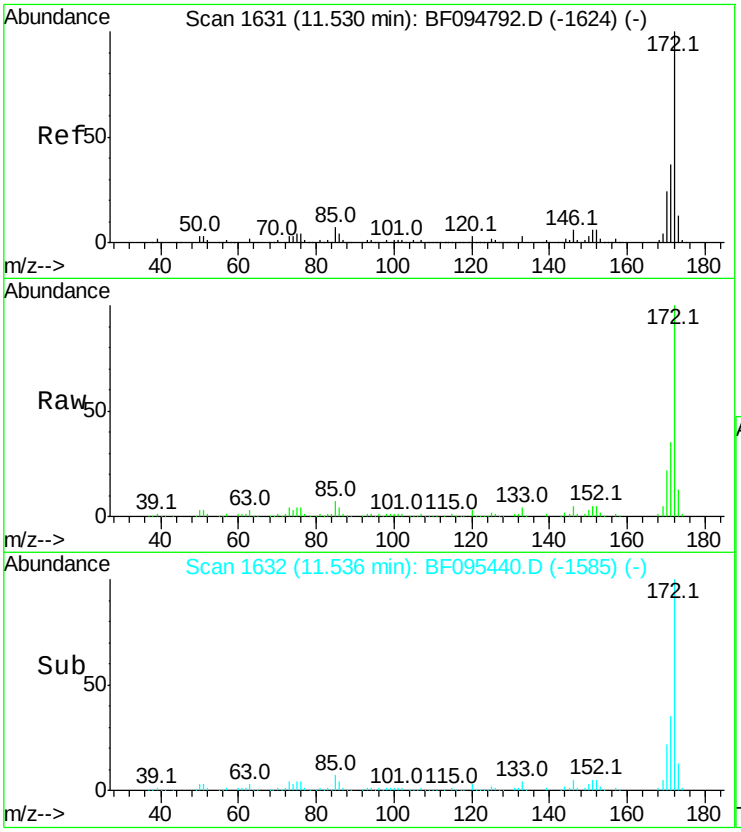


#41
2,4,6-Tribromophenol
Concen: 42.97 ng
RT: 13.91 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Tgt Ion:330 Resp: 57449

Ion	Ratio	Lower	Upper
330	100		
332	92.7	76.6	115.0
141	45.1	31.4	47.2



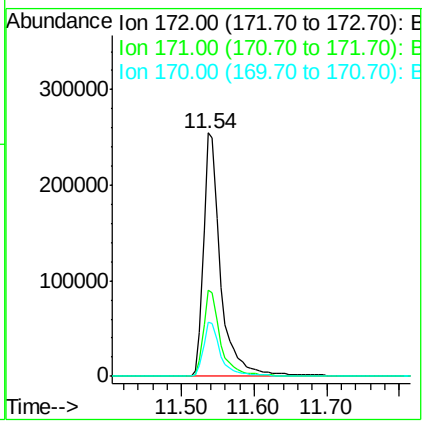


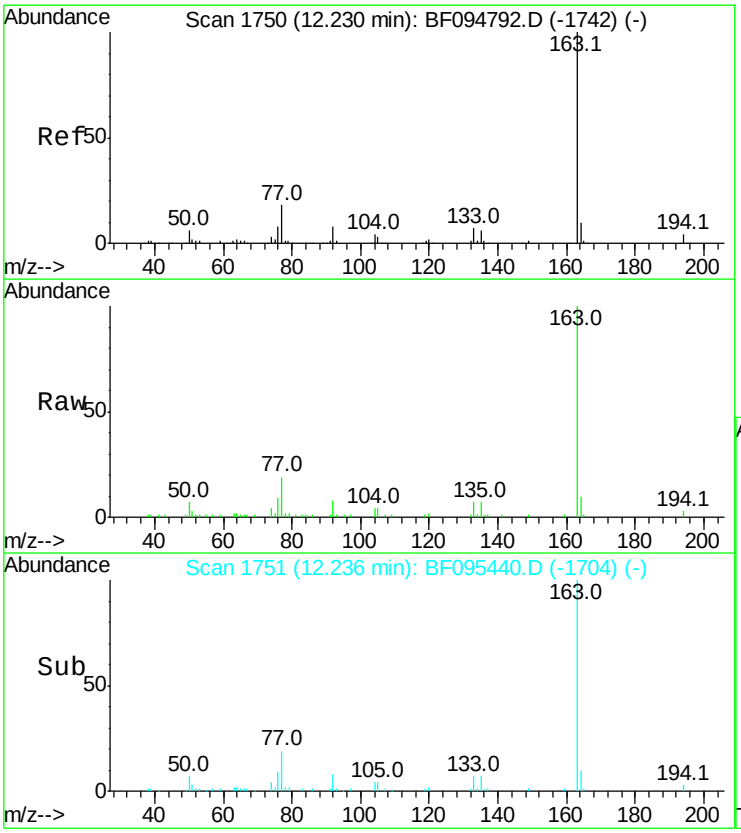
#44
2-Fluorobiphenyl
Concen: 37.02 ng
RT: 11.54 min Scan# 1632
Delta R.T. -0.02 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 419858

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	22.2	19.8	29.8

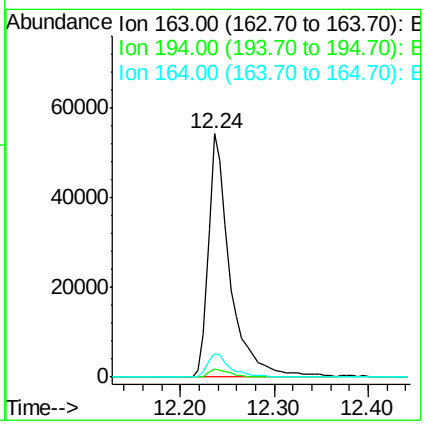


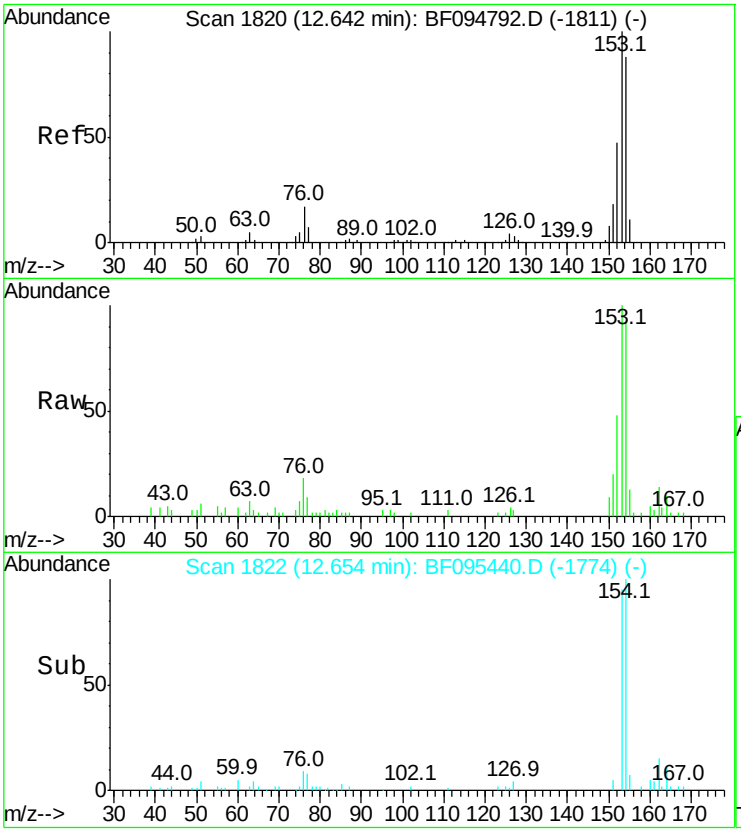


#49
Dimethylphthalate
Concen: 6.60 ng
RT: 12.24 min Scan# 1751
Delta R.T. -0.02 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Tgt Ion:163 Resp: 88494

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.8	8.4	12.6



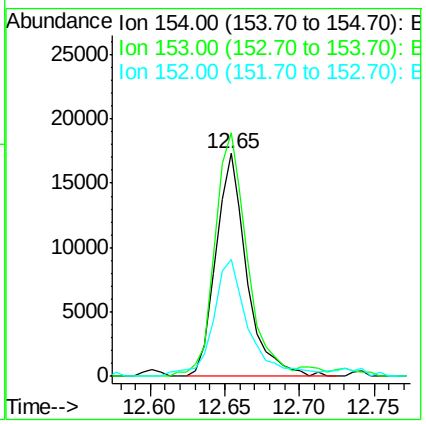


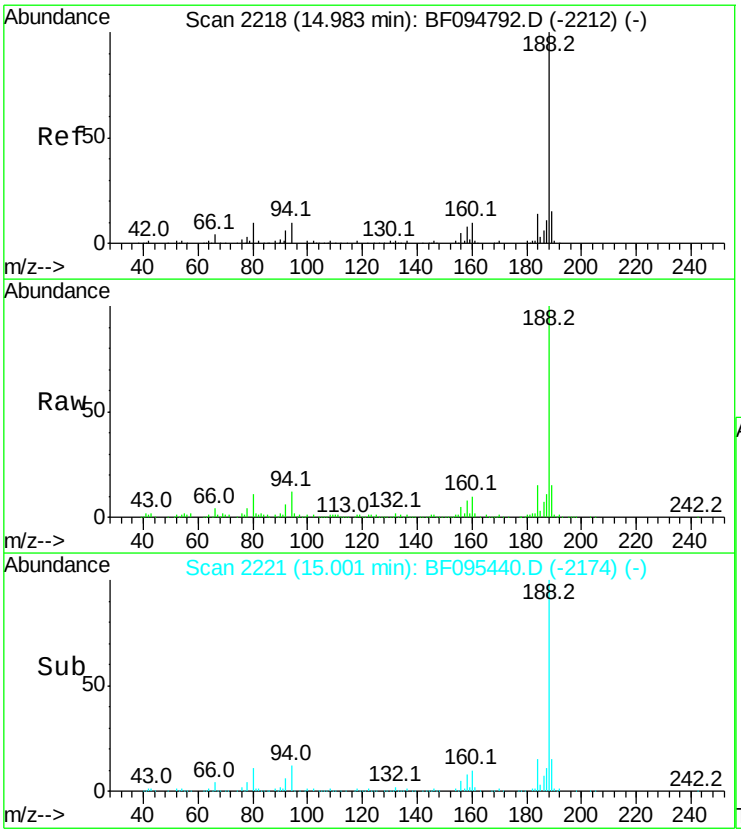
#51
Acenaphthene
Concen: 2.41 ng
RT: 12.65 min Scan# 1822
Delta R.T. -0.02 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 25040

Ion	Ratio	Lower	Upper
154	100		
153	109.1	90.5	135.7
152	52.6	43.6	65.4

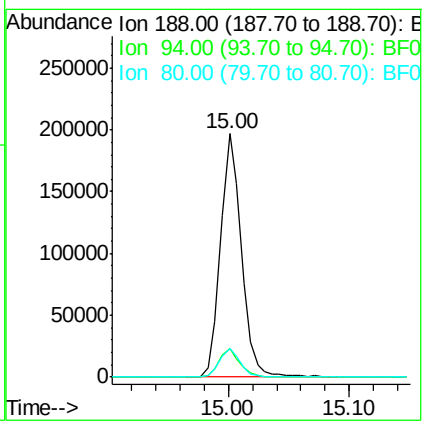


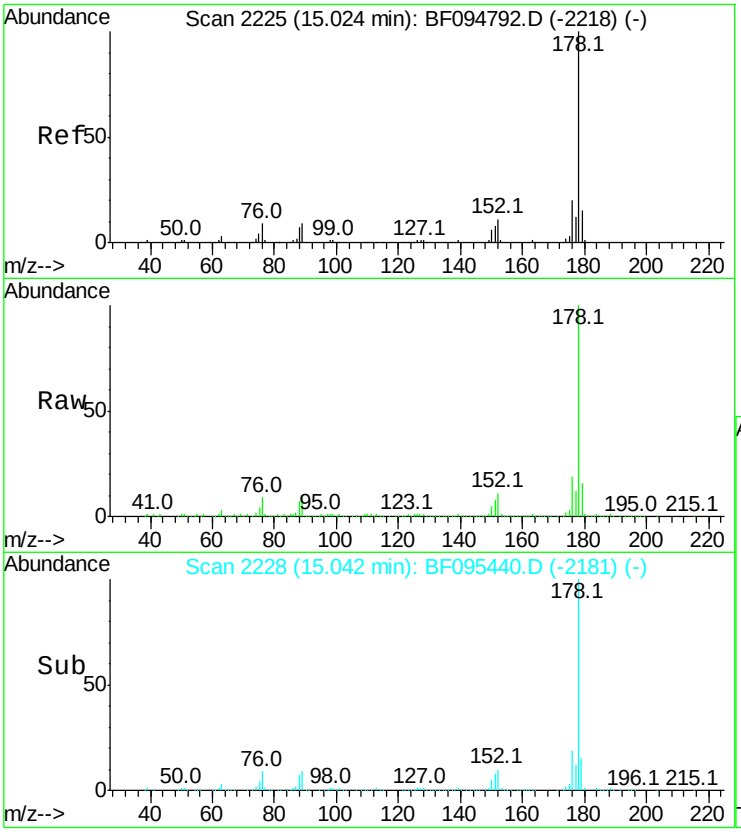


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Tgt Ion:188 Resp: 235970

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



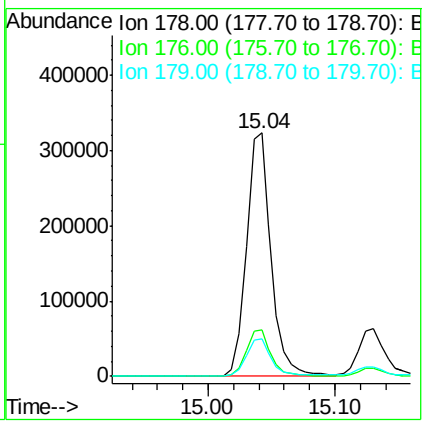


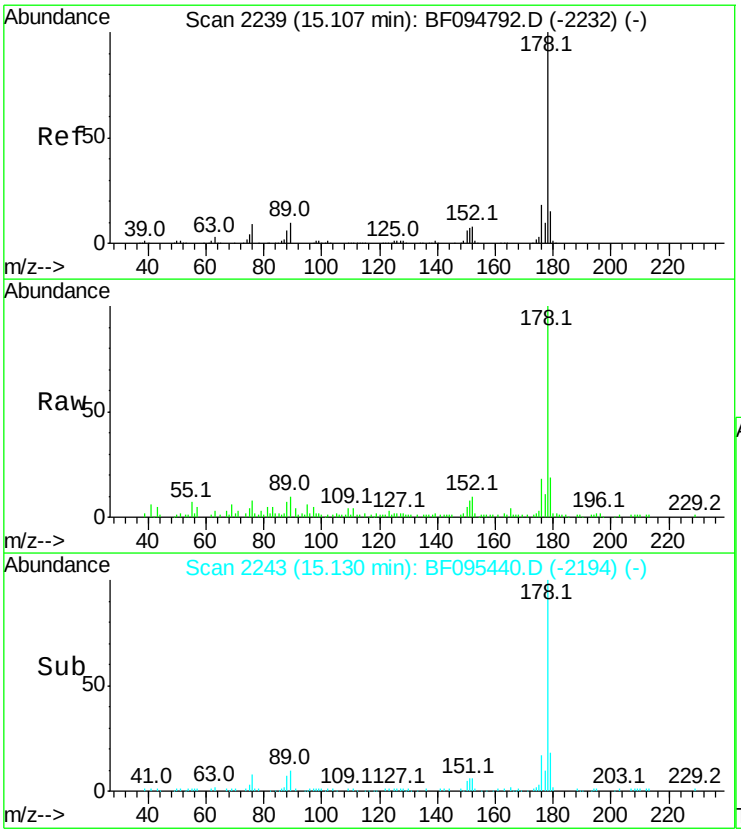
#70
Phenanthrene
Concen: 32.05 ng
RT: 15.04 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 434605

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.6	12.6	19.0

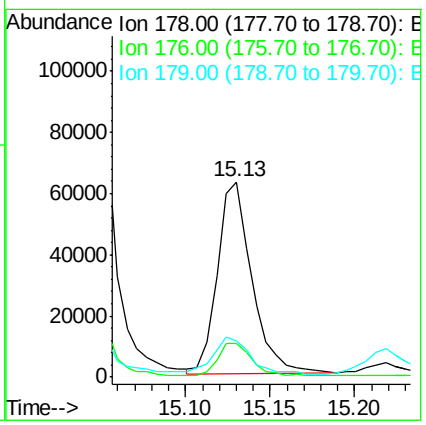


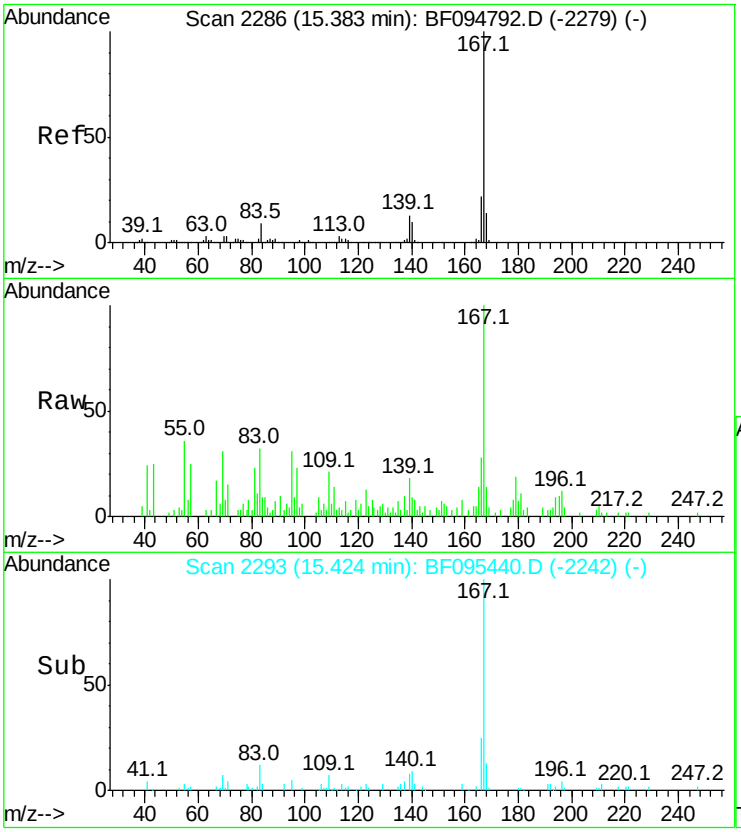


#71
Anthracene
Concen: 6.40 ng
RT: 15.13 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Tgt Ion:178 Resp: 88636

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.8	23.8
179	18.7	12.7	19.1



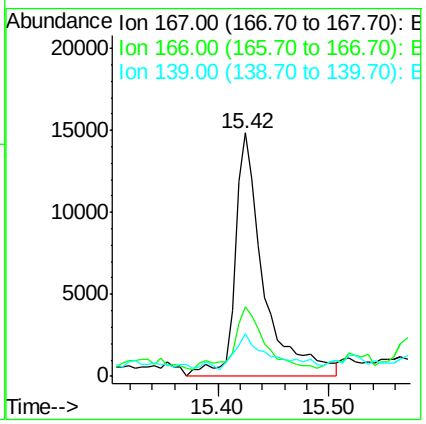


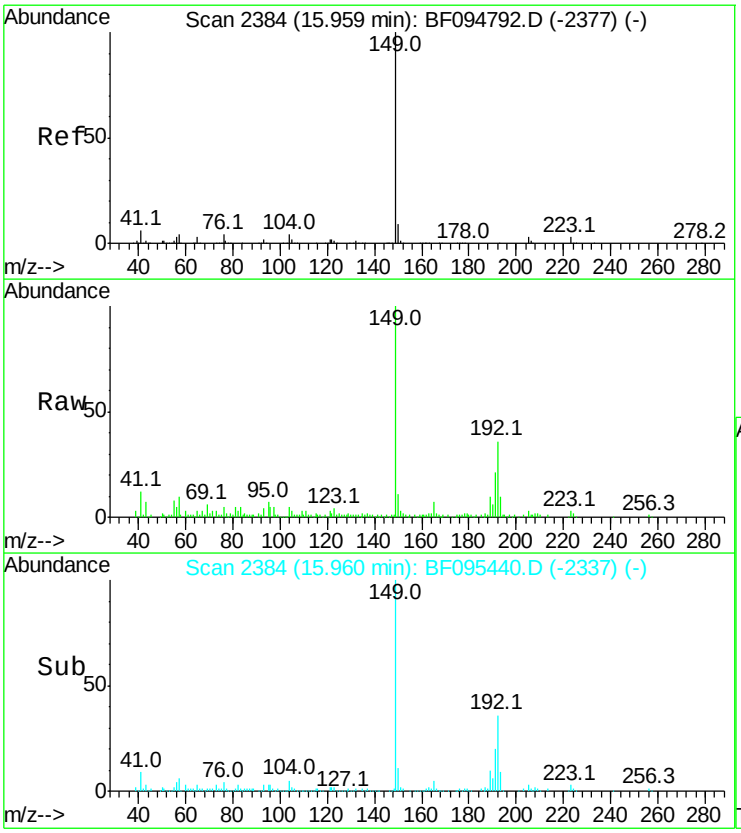
#72
Carbazole
Concen: 2.13 ng
RT: 15.42 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 26839

Ion	Ratio	Lower	Upper
167	100		
166	28.4	18.1	27.1#
139	17.8	11.7	17.5#

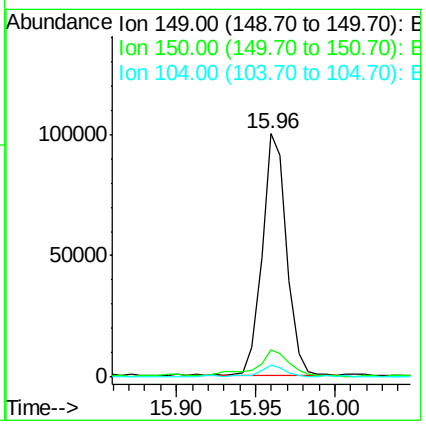


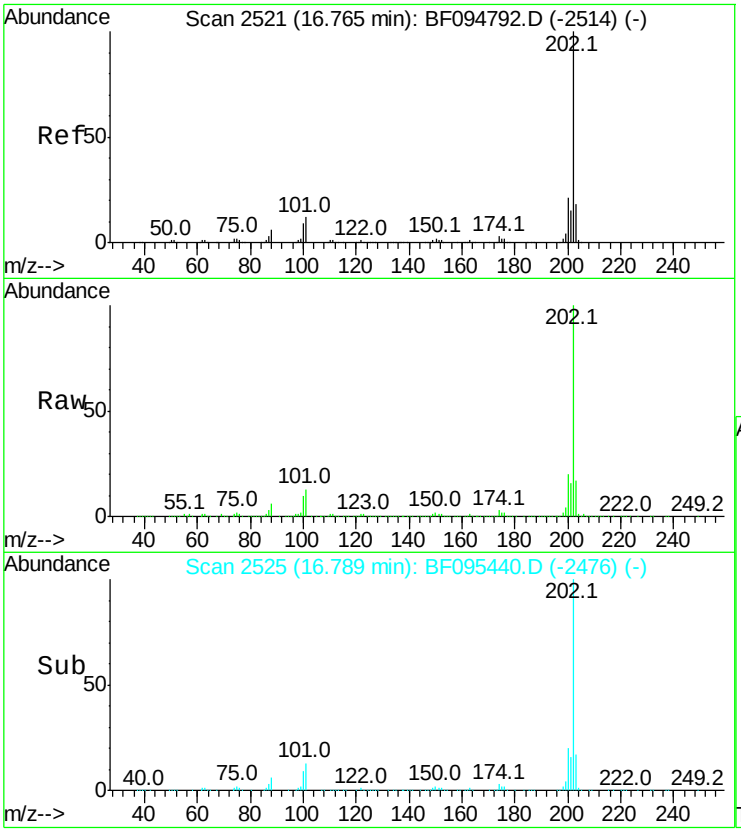


#73
Di-n-butylphthalate
Concen: 6.88 ng
RT: 15.96 min Scan# 2384
Delta R.T. -0.02 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Tgt Ion:149 Resp: 108130

Ion	Ratio	Lower	Upper
149	100		
150	11.0	7.7	11.5
104	5.1	4.0	6.0



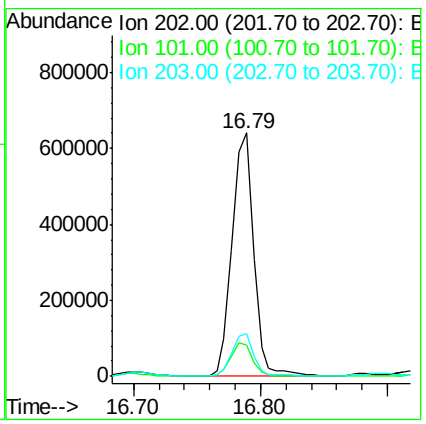


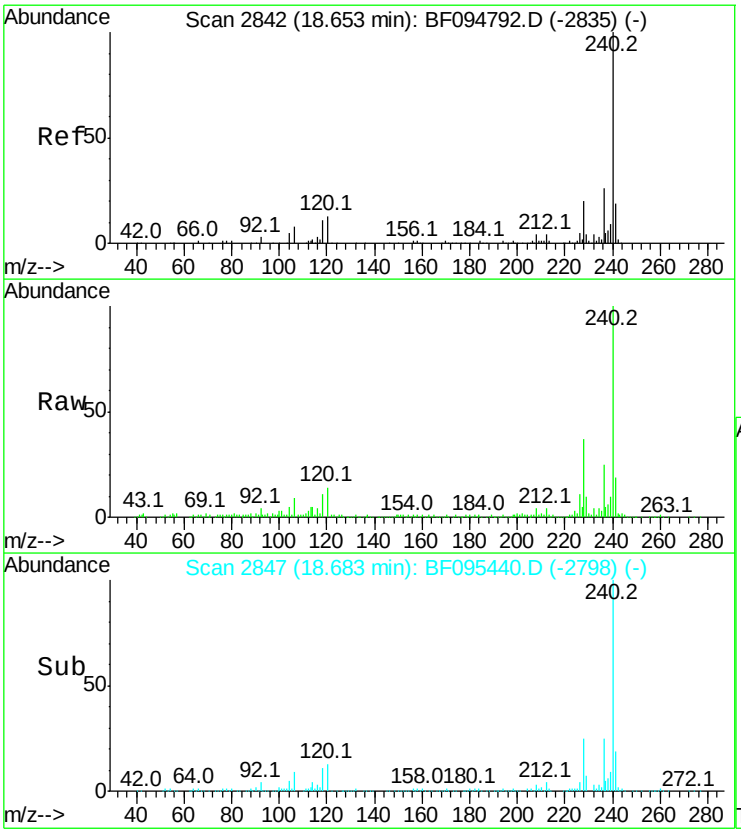
#74
Fluoranthene
Concen: 53.84 ng
RT: 16.79 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 748744

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.2
203	17.4	0.0	38.1

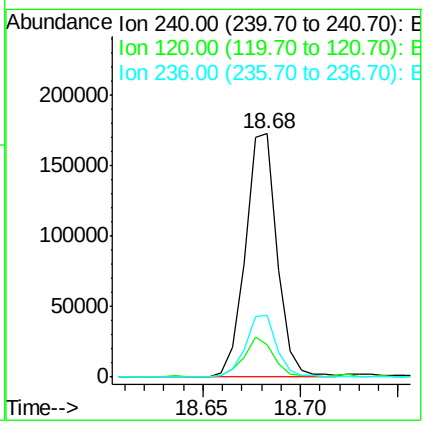


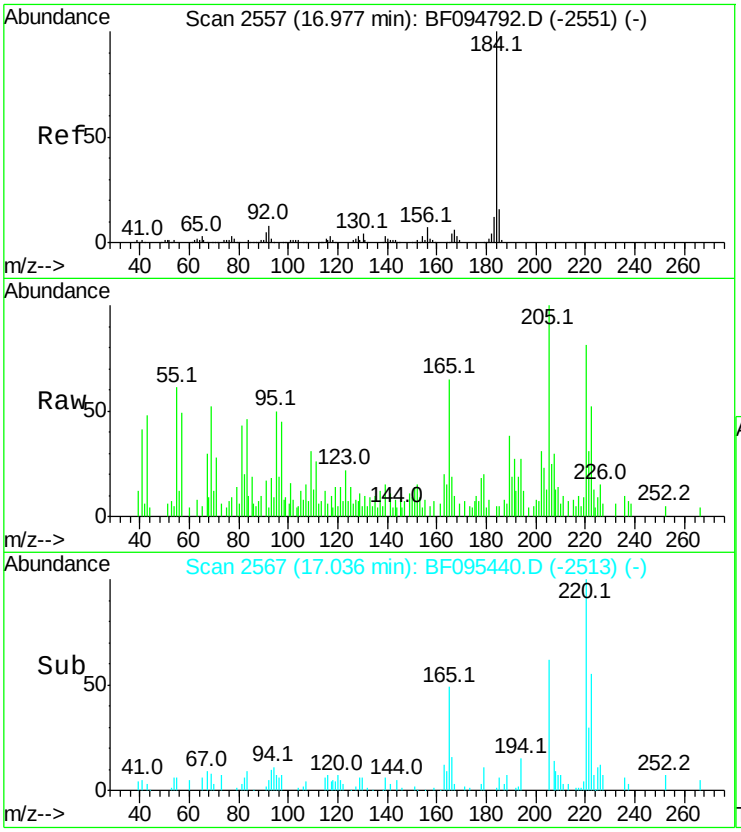


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Tgt Ion:240 Resp: 193032

Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	25.4	20.5	30.7



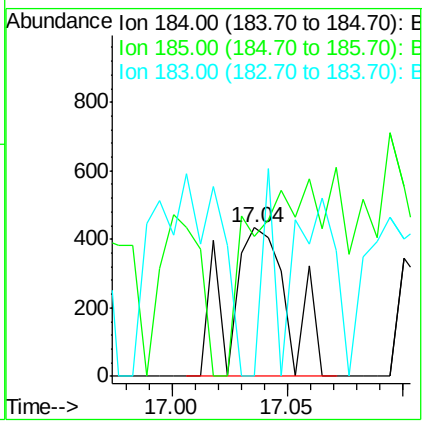


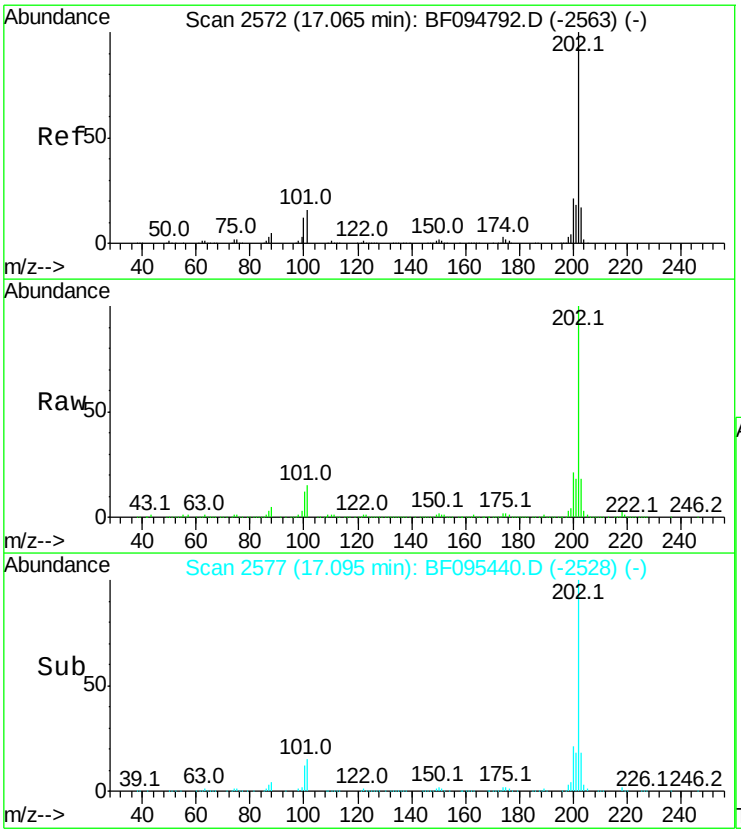
#76
Benzidine
Concen: 6.72 ng
RT: 17.04 min Scan# 2567
Delta R.T. 0.02 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 785

Ion	Ratio	Lower	Upper
184	100		
185	94.2	15.5	23.3#
183	0.0	9.8	14.6#

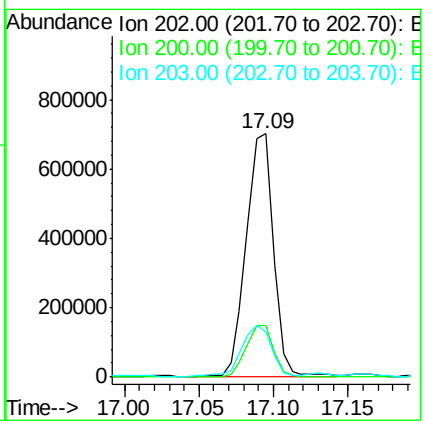


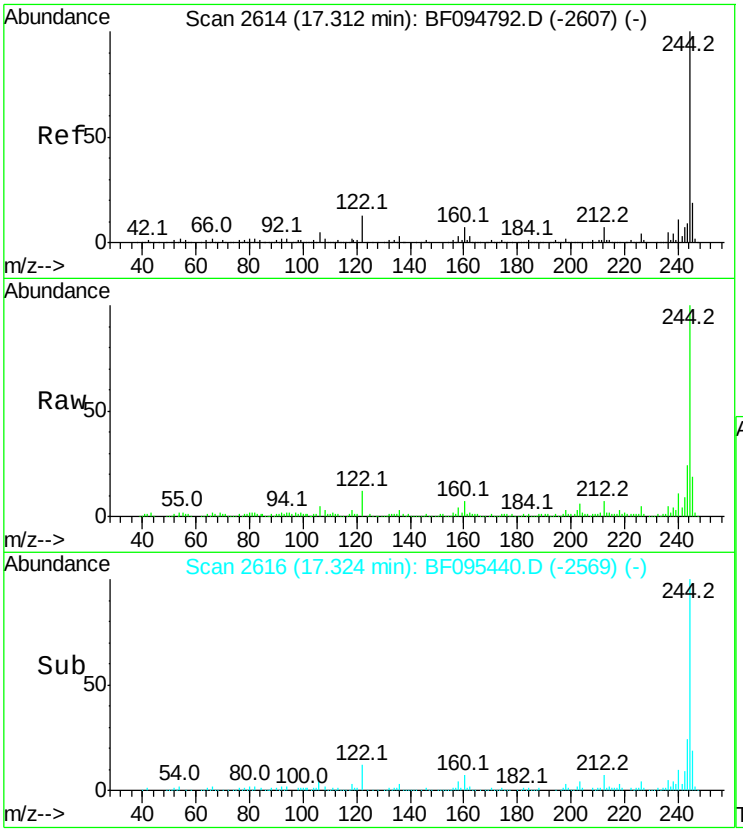


#77
Pyrene
Concen: 60.90 ng
RT: 17.09 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Tgt Ion:202 Resp: 879237

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	18.4	14.4	21.6



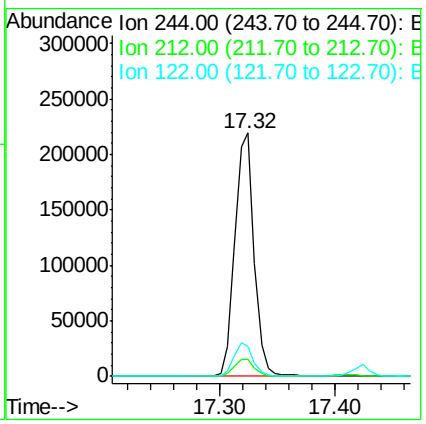


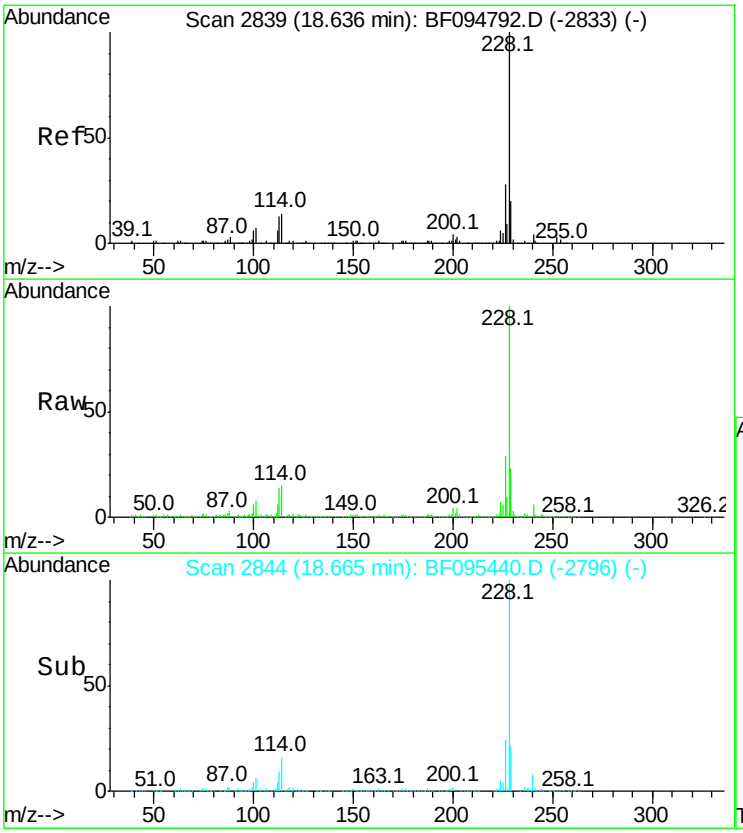
#78
Terphenyl-d14
Concen: 28.92 ng
RT: 17.32 min Scan# 2616
Delta R.T. -0.02 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 253495

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	12.1	10.3	15.5

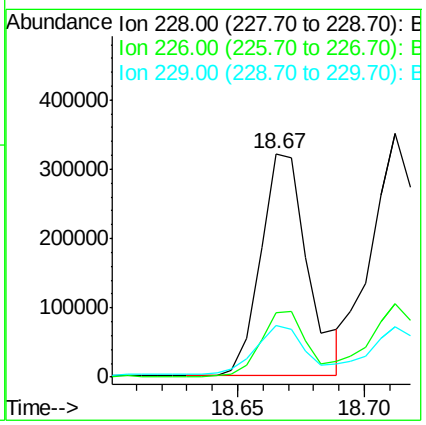


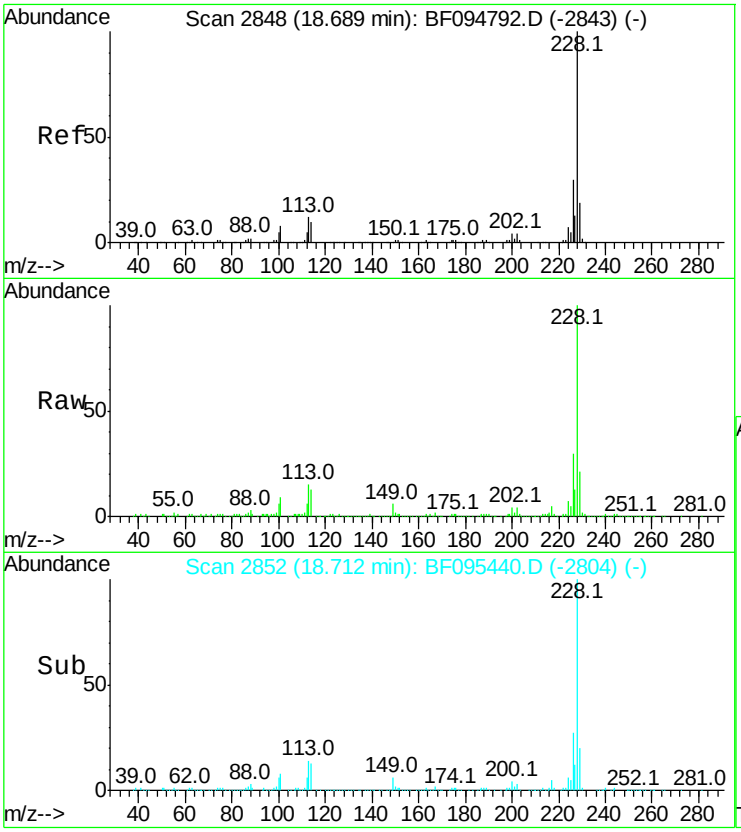


#80
Benzo(a)anthracene
Concen: 37.22 ng
RT: 18.67 min Scan# 2844
Delta R.T. -0.02 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Tgt Ion:228 Resp: 418177

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	22.9	16.3	24.5



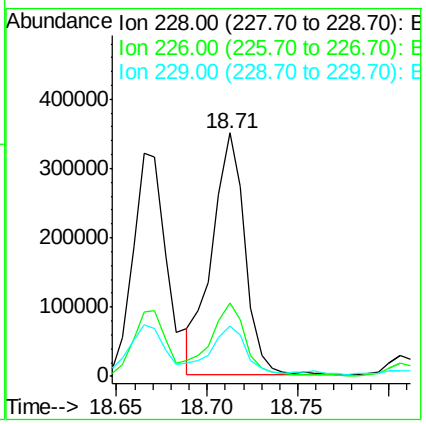


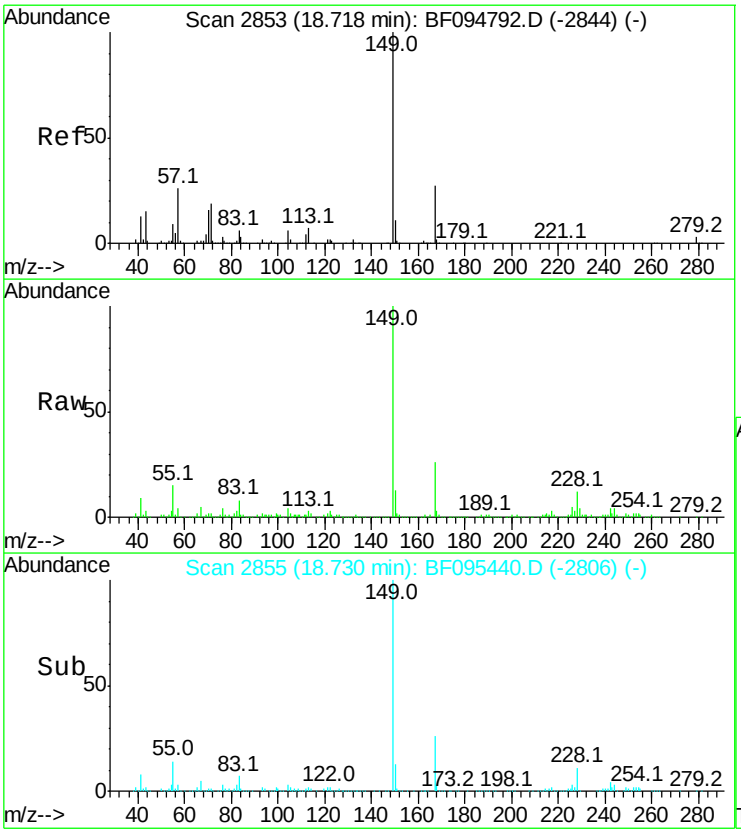
#82
Chrysene
Concen: 40.64 ng
RT: 18.71 min Scan# 2852
Delta R.T. -0.02 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 441420

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	20.8	15.8	23.6

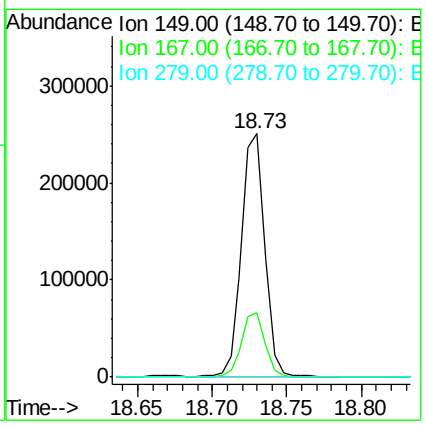


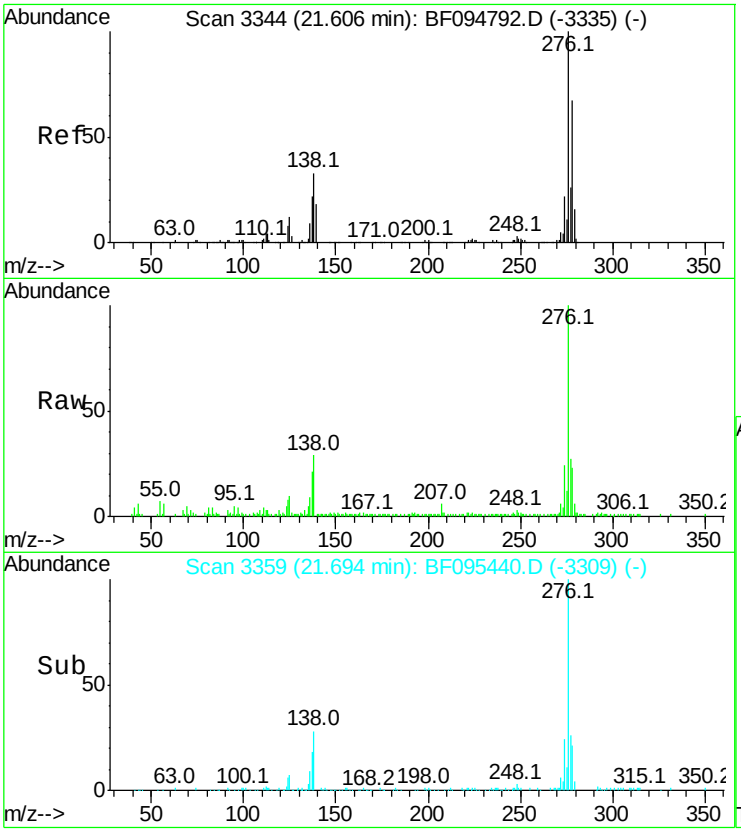


#83
Bis(2-ethylhexyl)phthalate
Concen: 27.93 ng
RT: 18.73 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Tgt Ion:149 Resp: 267193

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.0	31.4
279	0.4	1.9	2.9#



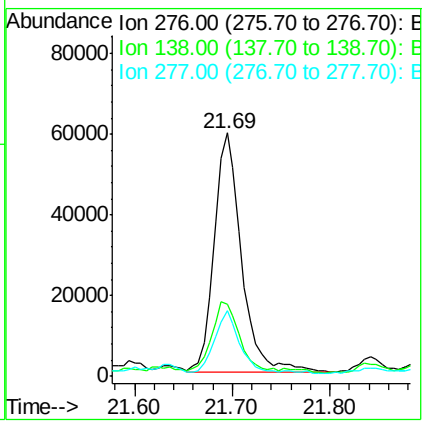


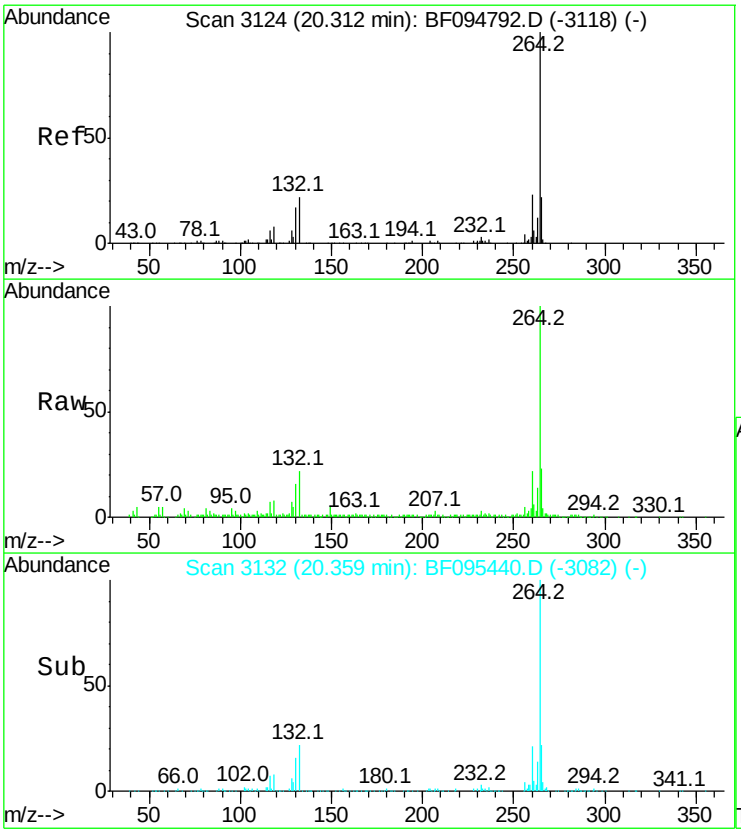
#85
Indeno(1,2,3-cd)pyrene
Concen: 13.03 ng
RT: 21.69 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 114926

Ion	Ratio	Lower	Upper
276	100		
138	28.7	27.8	41.6
277	22.5	20.2	30.4

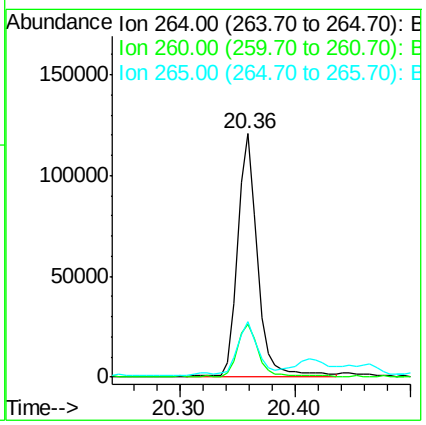


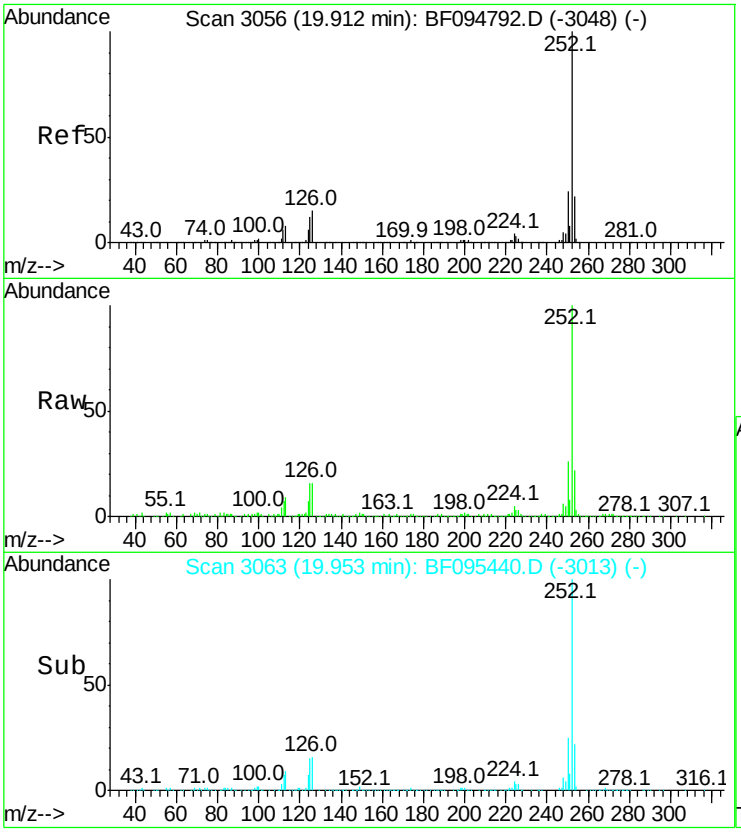


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Tgt Ion:264 Resp: 146164

Ion	Ratio	Lower	Upper
264	100		
260	21.6	19.5	29.3
265	22.6	17.2	25.8



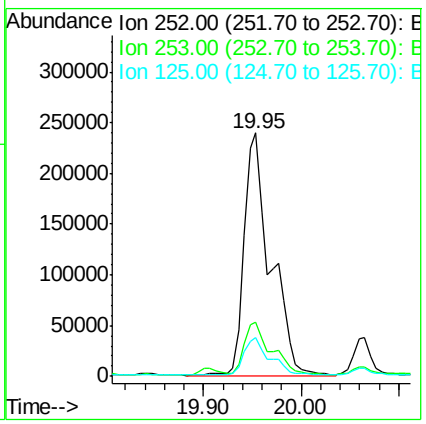


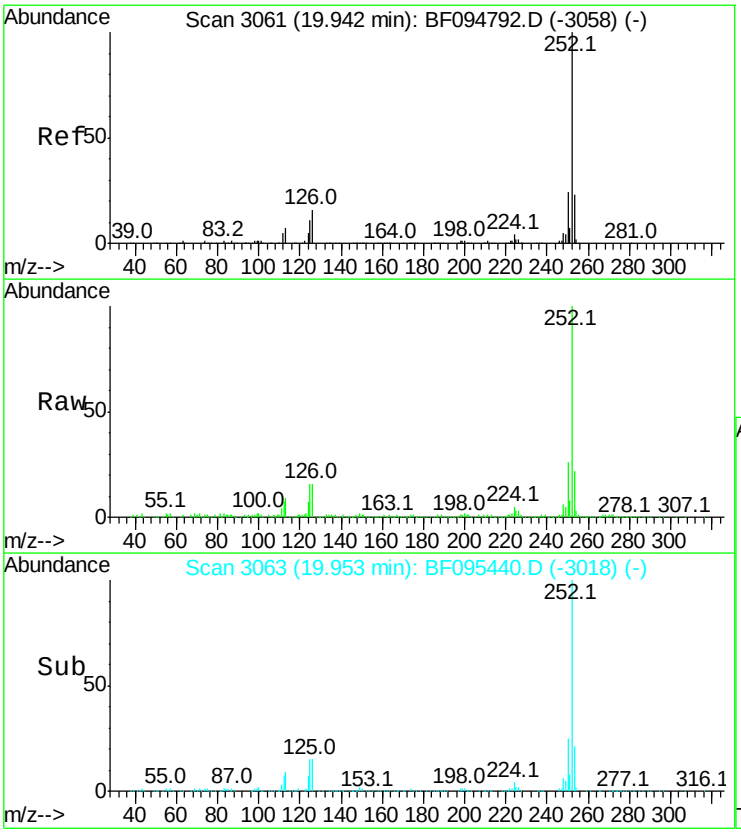
#87
Benzo(b)fluoranthene
Concen: 49.78 ng
RT: 19.95 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 449609

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	15.8	9.8	14.8#

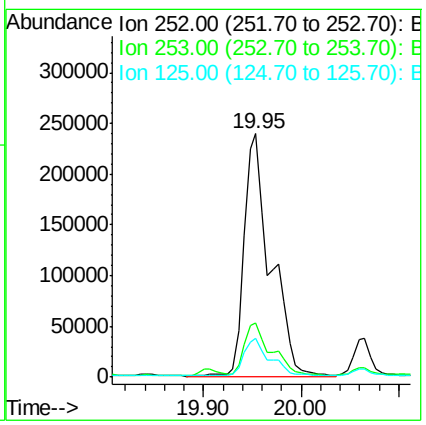


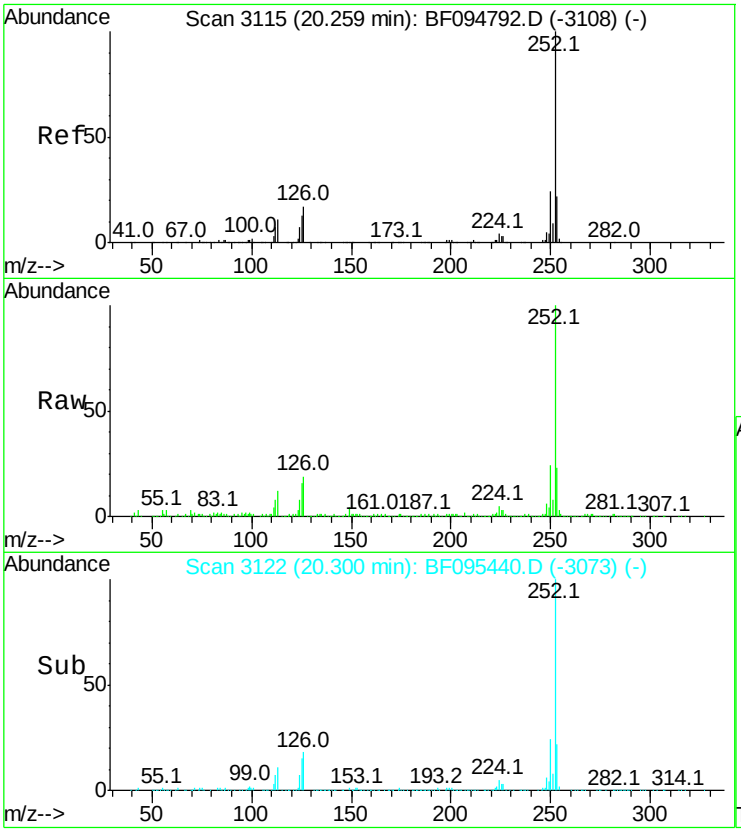


#88
Benzo(k)fluoranthene
Concen: 51.61 ng
RT: 19.95 min Scan# 3063
Delta R.T. -0.04 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Tgt Ion:252 Resp: 449609

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	15.8	13.1	19.7



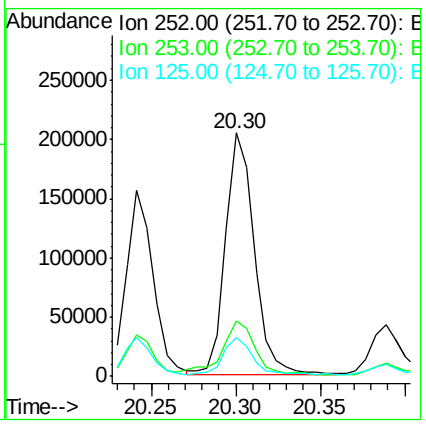


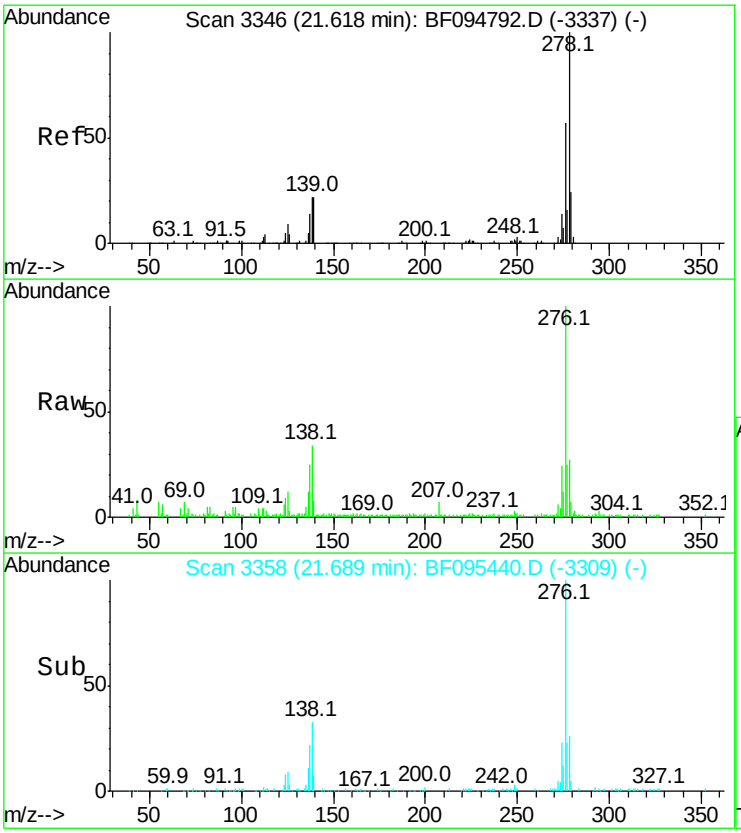
#89
Benzo(a)pyrene
Concen: 29.17 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 243136

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	15.9	11.0	16.4

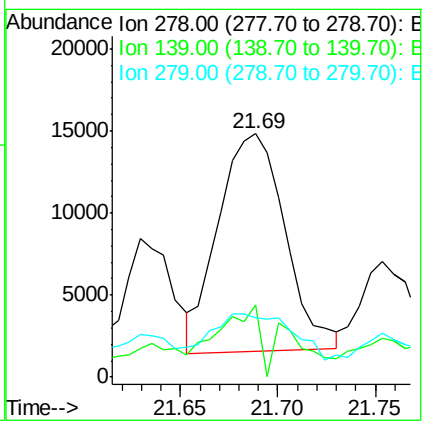


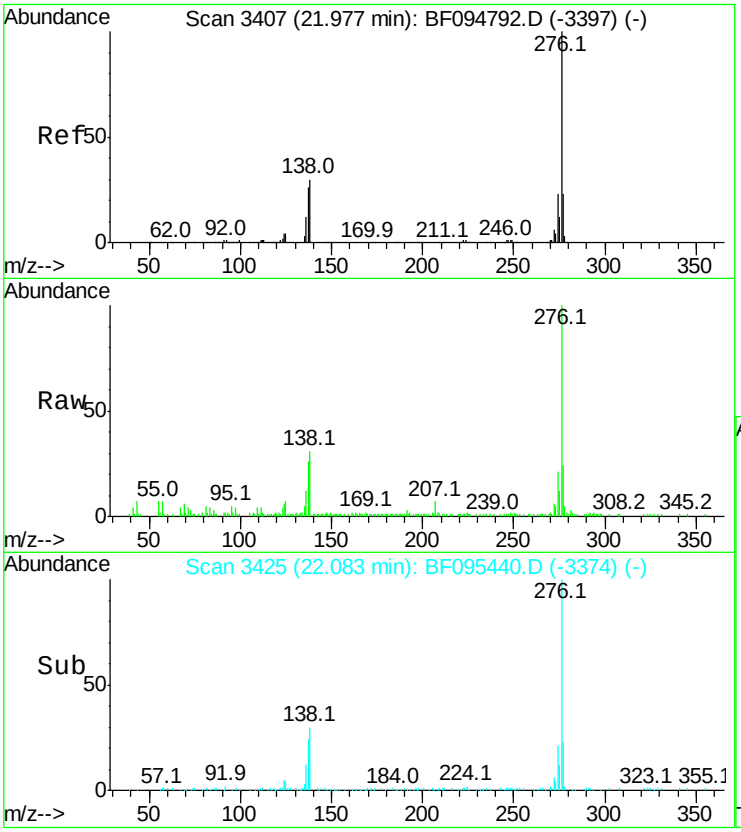


#90
Dibenzo(a,h)anthracene
Concen: 4.54 ng
RT: 21.69 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Tgt Ion:278 Resp: 31282

Ion	Ratio	Lower	Upper
278	100		
139	29.4	16.6	24.8#
279	24.2	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 17.26 ng
RT: 22.08 min Scan# 3425
Delta R.T. 0.00 min
Lab File: BF095440.D
Acq: 26 May 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 116560

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	31.2	25.4	38.0