Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095438.D
Acq On : 25 May 2017 23:04
Operator : SJ/MA
Sample : I3200-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 26 01:15:52 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	102897	20.00	ng		-0.02
21) Naphthalene-d8	9.77	136	411596	20.00	ng		-0.02
38) Acenaphthene-d10	12.60	164	172591	20.00	ng		-0.02
63) Phenanthrene-d10	15.00	188	264476	20.00	ng		-0.02
75) Chrysene-d12	18.68	240	203835	20.00	ng		-0.02
86) Perylene-d12	20.36	264	158833	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	279987	45.37	ng		-0.01
7) Phenol-d6	7.31	99	352935	47.66	ng		0.00
23) Nitrobenzene-d5	8.65	82	194214	29.75	ng		-0.02
41) 2,4,6-Tribromophenol	13.91	330	51979	36.77	ng		-0.01
44) 2-Fluorobiphenyl	11.54	172	444709	37.09	ng		-0.02
78) Terphenyl-d14	17.32	244	265482	28.69	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.65	70	20654	4.12	ng	#	75
49) Dimethylphthalate	12.24	163	117338	8.28	ng		97
55) 4-Nitrophenol	12.96	139	3796	2.04	ng	#	25
70) Phenanthrene	15.04	178	227066	14.94	ng		98
71) Anthracene	15.04	178	227066	14.63	ng		98
74) Fluoranthene	16.78	202	338968	21.75	ng		98
77) Pyrene	17.09	202	333140	21.85	ng		96
80) Benzo(a)anthracene	18.67	228	137397	11.58	ng		98
82) Chrysene	18.71	228	141692	12.35	ng		98
83) Bis(2-ethylhexyl)phthalate	18.72	149	192985	19.10	ng	#	99
85) Indeno(1,2,3-cd)pyrene	21.70	276	53652	5.76	ng		90
87) Benzo(b)fluoranthene	19.95	252	196479	20.02	ng	#	97
88) Benzo(k)fluoranthene	19.95	252	196479	20.75	ng		98
89) Benzo(a)pyrene	20.30	252	97614	10.78	ng		93
91) Benzo(g,h,i)perylene	22.09	276	53995	7.36	ng	#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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BNA_F
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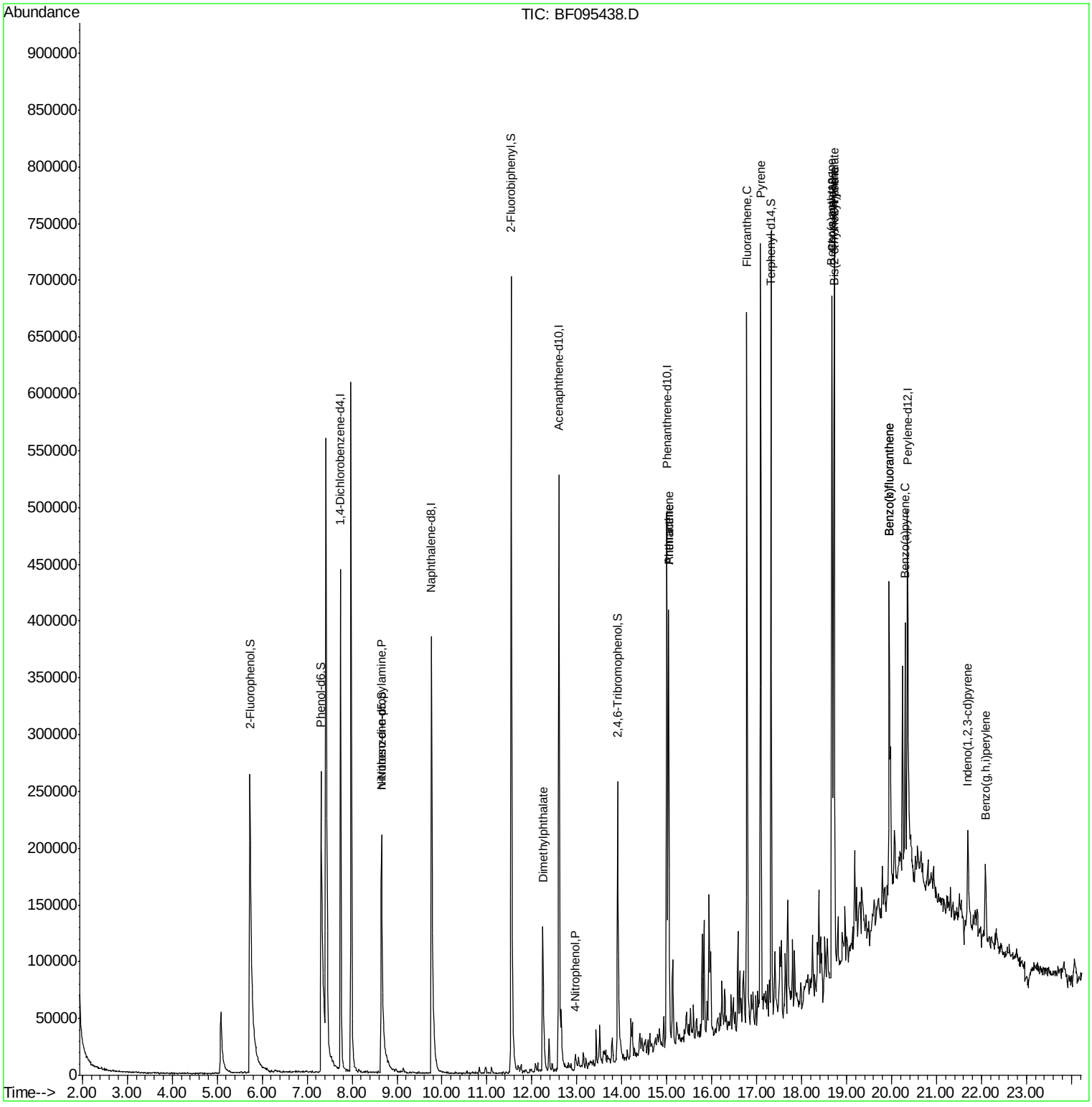
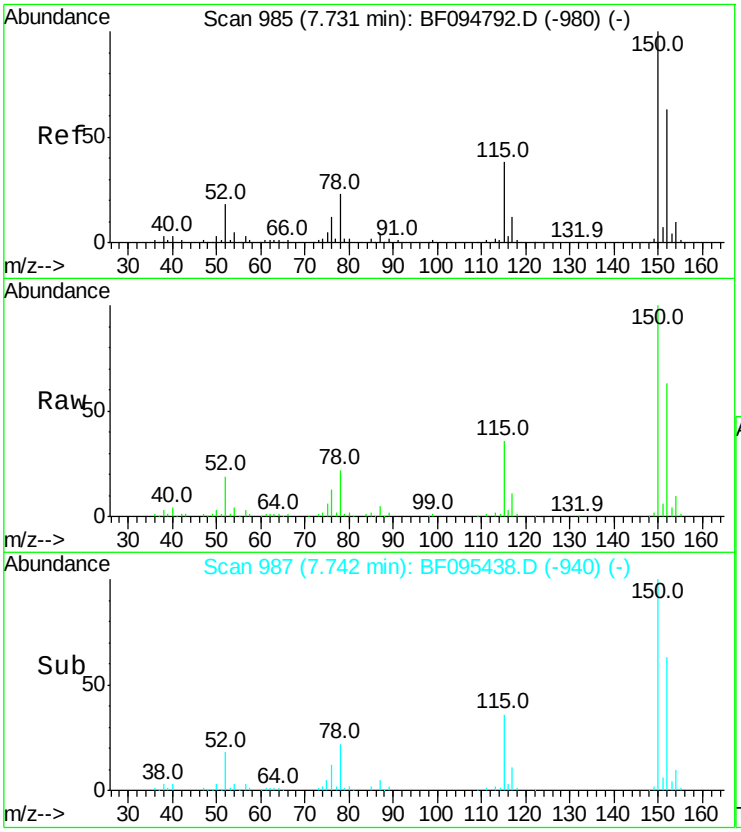


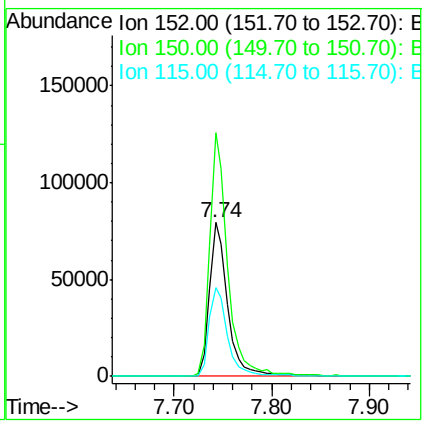


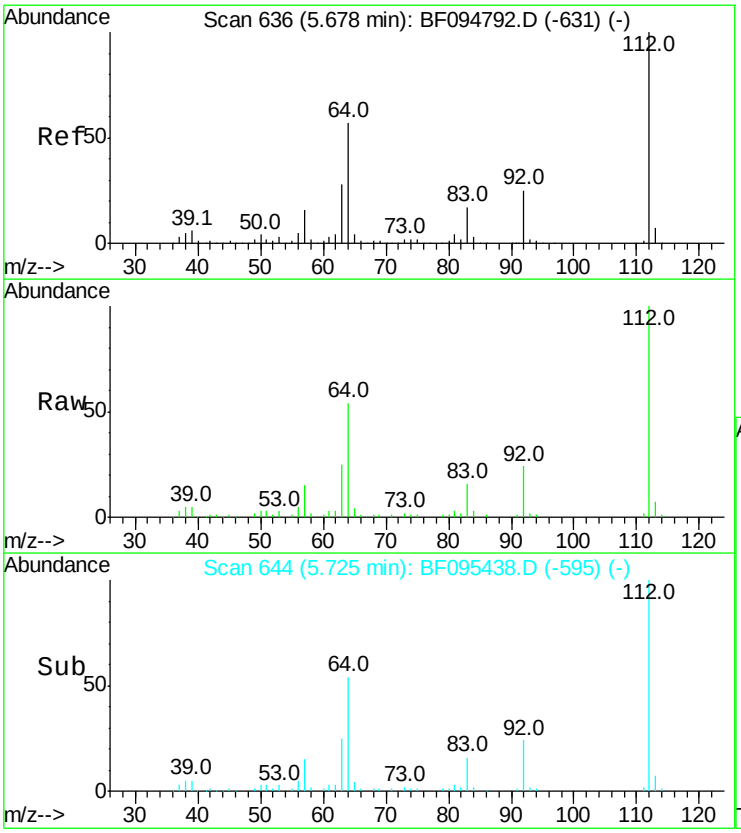
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF095438.D
Acq: 25 May 2017 23:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 102897

Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.2	189.2
115	57.5	52.2	78.2

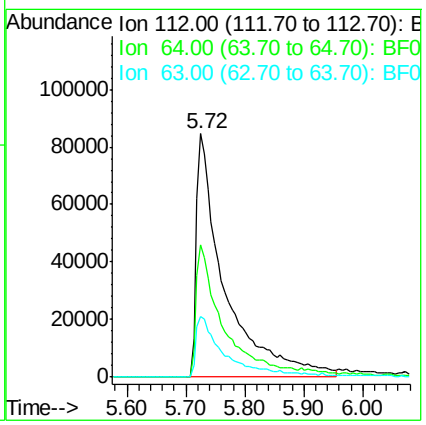


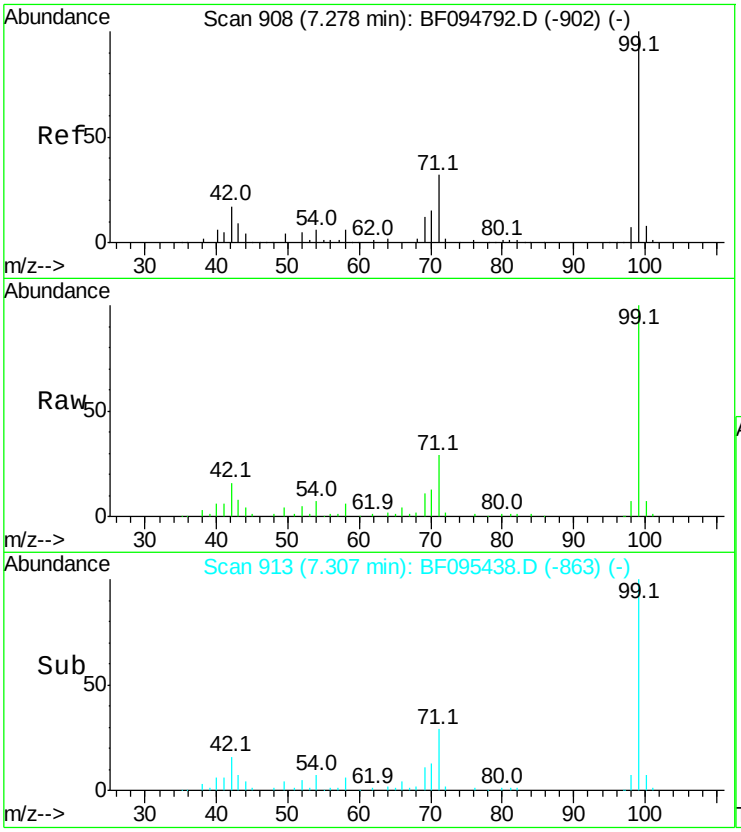


#5
2-Fluorophenol
Concen: 45.37 ng
RT: 5.72 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF095438.D
Acq: 25 May 2017 23:04

Tgt Ion:112 Resp: 279987

Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.0	69.0
63	25.0	23.4	35.0



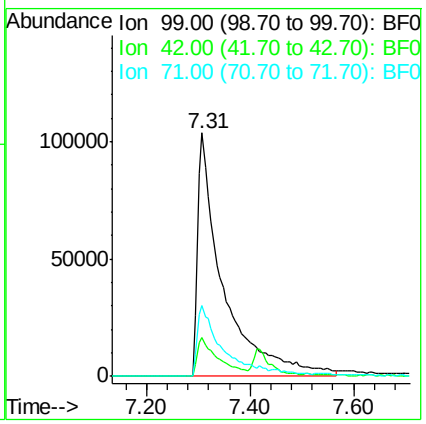


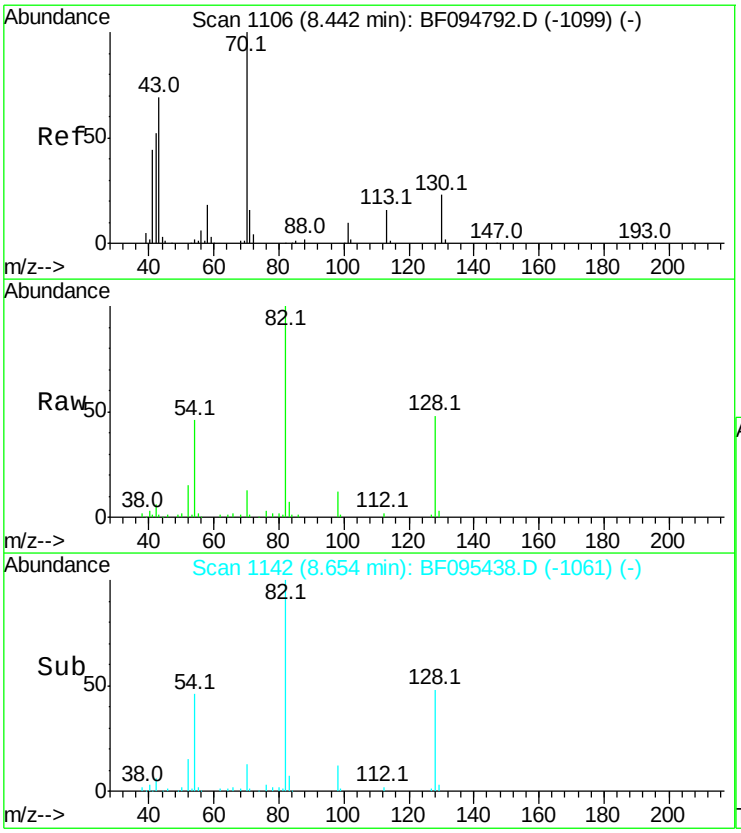
#7
Phenol-d6
Concen: 47.66 ng
RT: 7.31 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF095438.D
Acq: 25 May 2017 23:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 352935

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	29.0	24.5	36.7

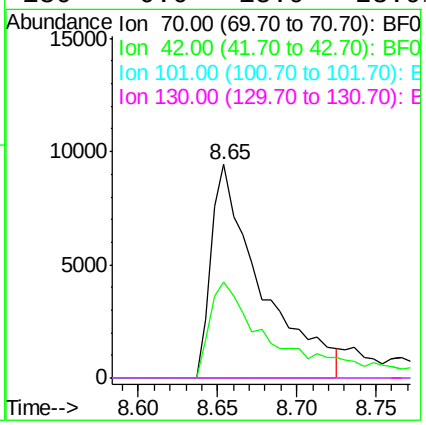


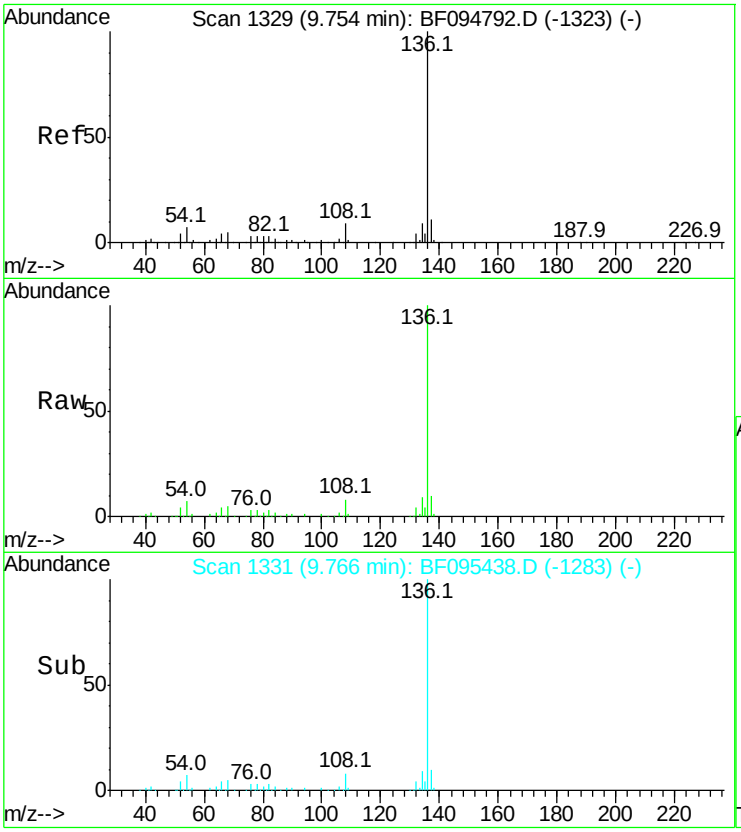


#19
n-Nitroso-di-n-propylamine
Concen: 4.12 ng
RT: 8.65 min Scan# 1142
Delta R.T. 0.18 min
Lab File: BF095438.D
Acq: 25 May 2017 23:04

Tgt Ion: 70 Resp: 20654

Ion	Ratio	Lower	Upper
70	100		
42	44.9	47.2	70.8#
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#



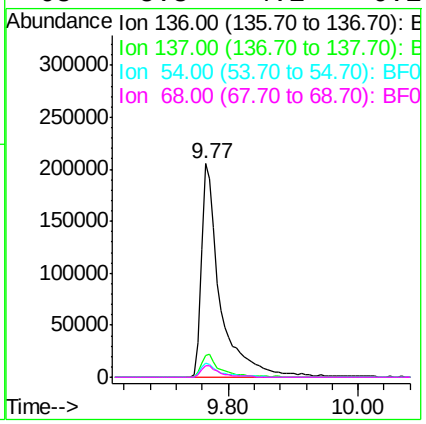


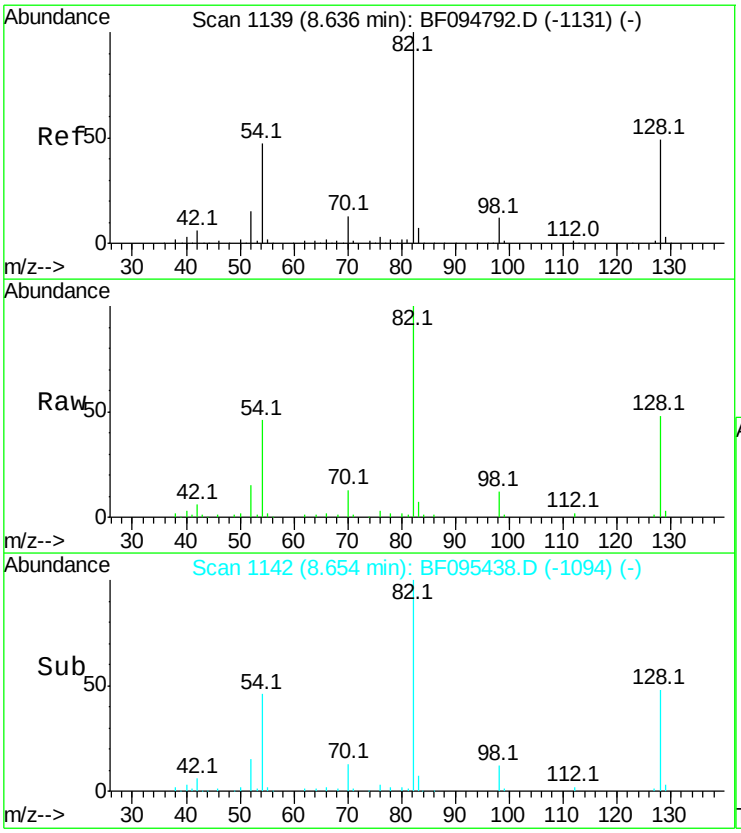
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095438.D
Acq: 25 May 2017 23:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 411596

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.5	12.7
54	6.7	4.9	7.3
68	5.3	4.1	6.1

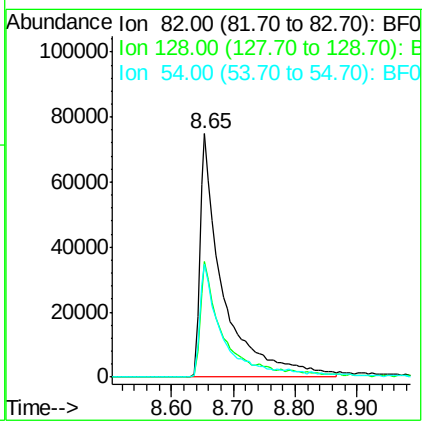


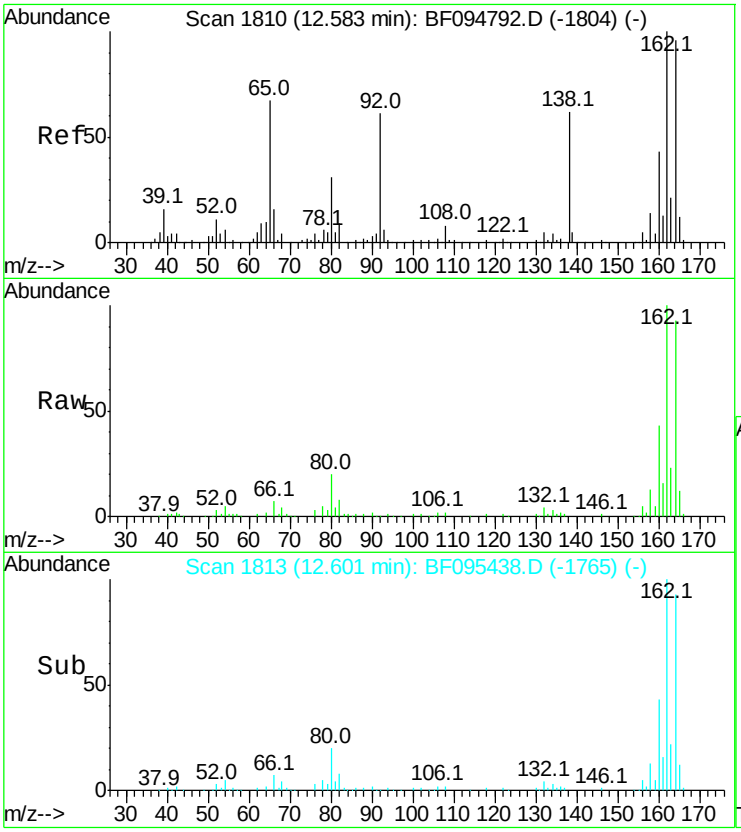


#23
Nitrobenzene-d5
Concen: 29.75 ng
RT: 8.65 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF095438.D
Acq: 25 May 2017 23:04

Tgt Ion: 82 Resp: 194214

Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	46.5	42.2	63.2



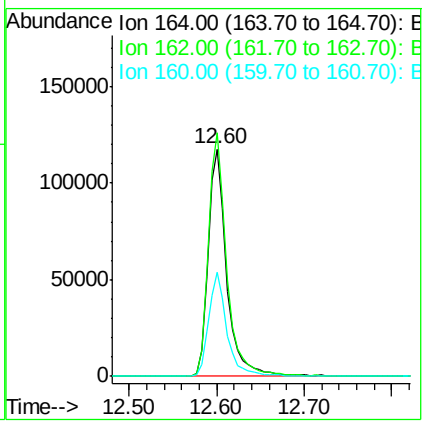


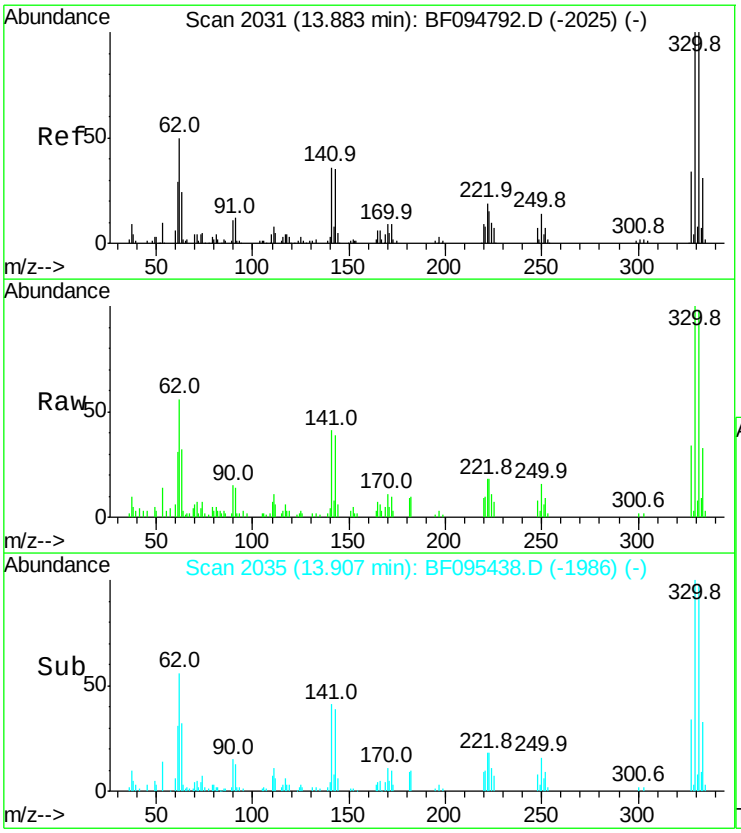
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF095438.D
Acq: 25 May 2017 23:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 172591

Ion	Ratio	Lower	Upper
164	100		
162	107.1	82.6	123.8
160	46.0	36.2	54.2

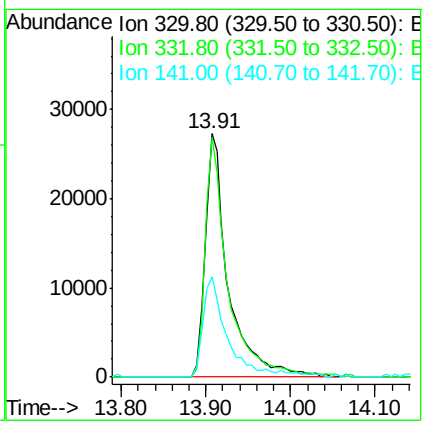


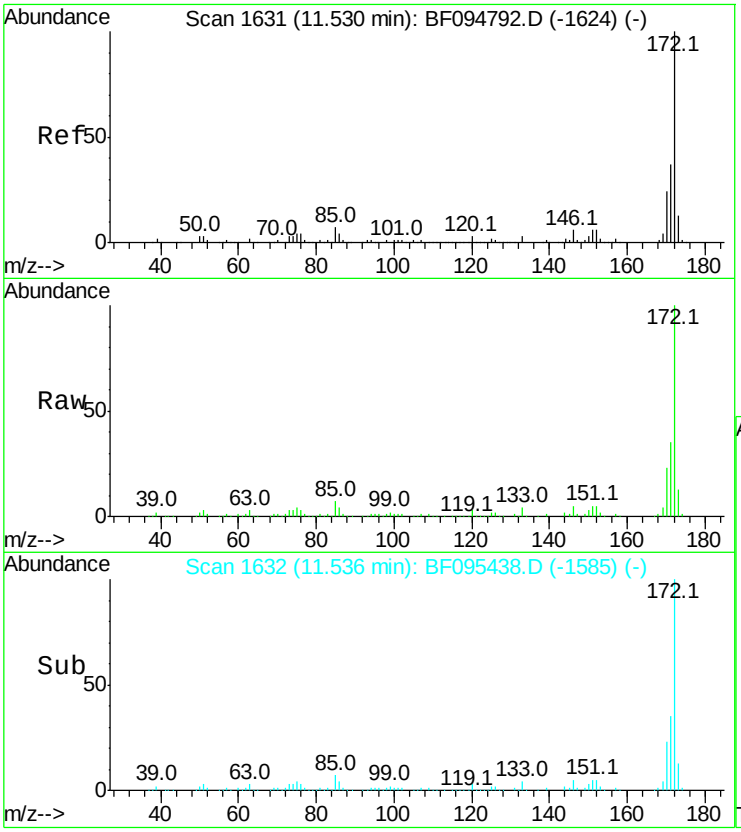


#41
2,4,6-Tribromophenol
Concen: 36.77 ng
RT: 13.91 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF095438.D
Acq: 25 May 2017 23:04

Tgt Ion:330 Resp: 51979

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	115.0
141	41.7	31.4	47.2



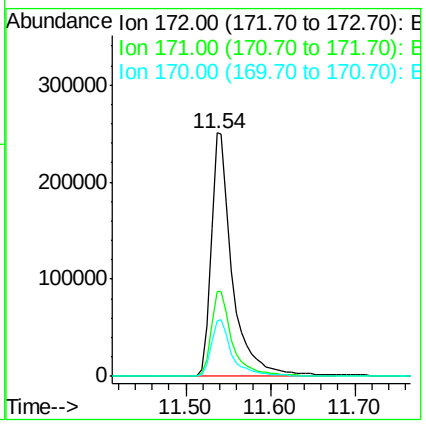


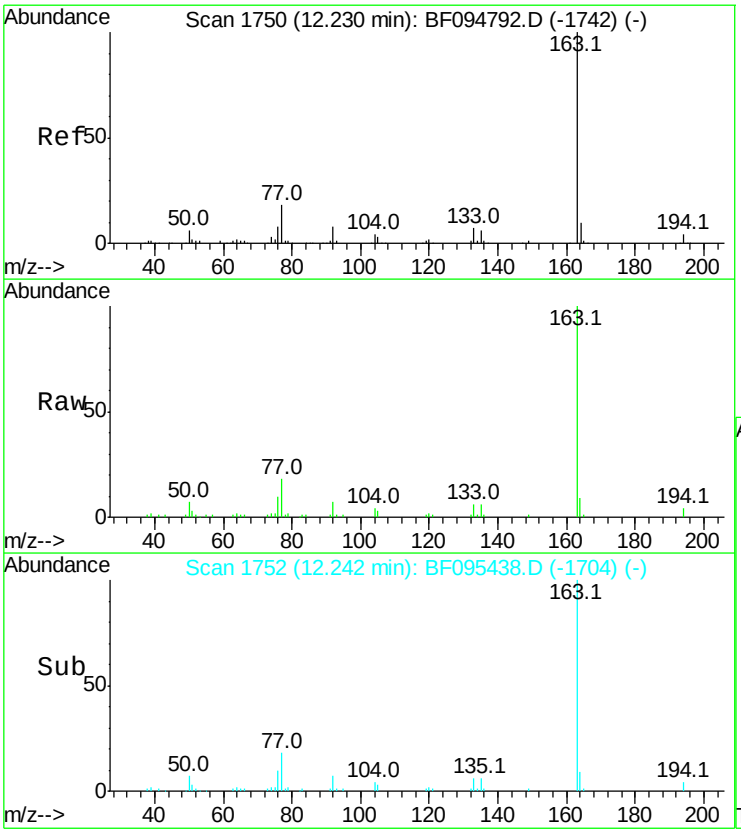
#44
2-Fluorobiphenyl
Concen: 37.09 ng
RT: 11.54 min Scan# 1632
Delta R.T. -0.02 min
Lab File: BF095438.D
Acq: 25 May 2017 23:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 444709

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	22.8	19.8	29.8

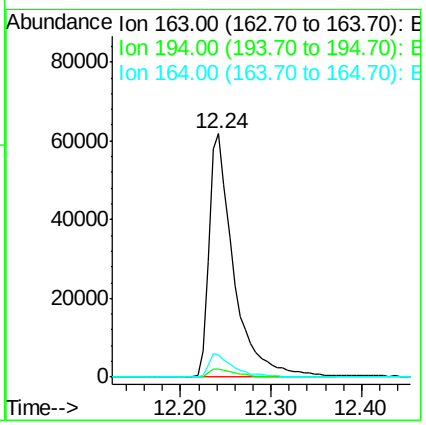


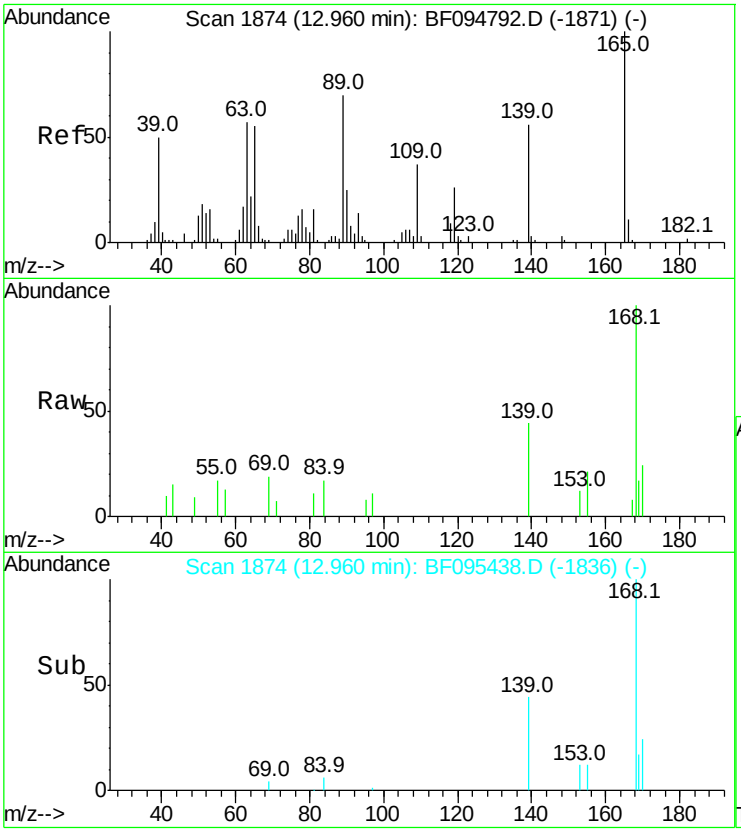


#49
Dimethylphthalate
Concen: 8.28 ng
RT: 12.24 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF095438.D
Acq: 25 May 2017 23:04

Tgt Ion:163 Resp: 117338

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.3	8.4	12.6



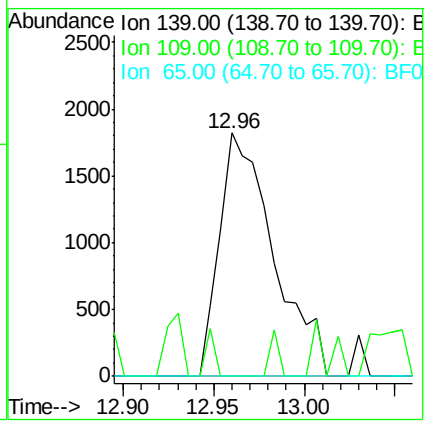


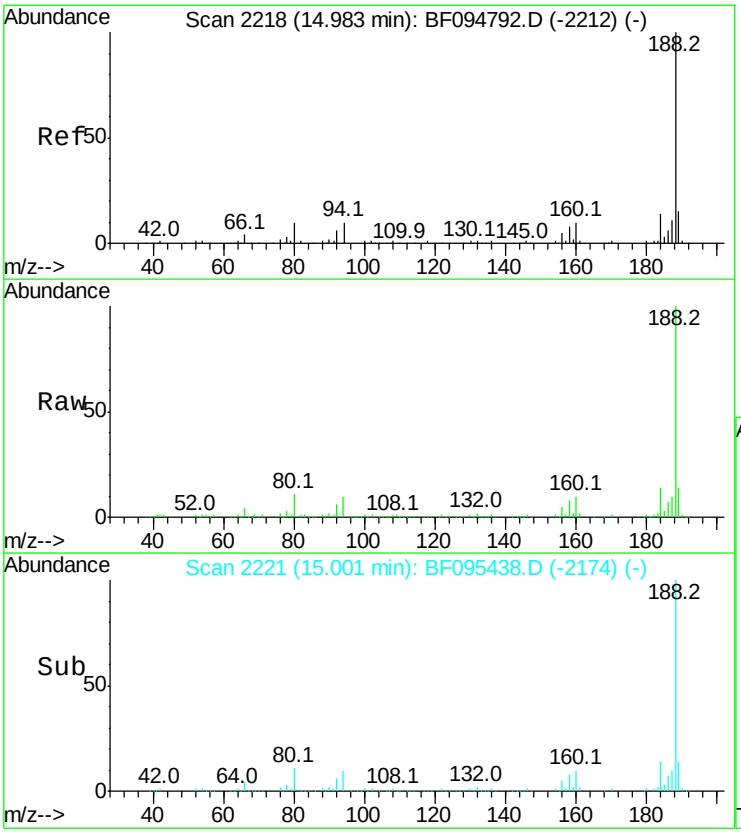
#55
4-Nitrophenol
Concen: 2.04 ng
RT: 12.96 min Scan# 1874
Delta R.T. -0.08 min
Lab File: BF095438.D
Acq: 25 May 2017 23:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 3796

Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#

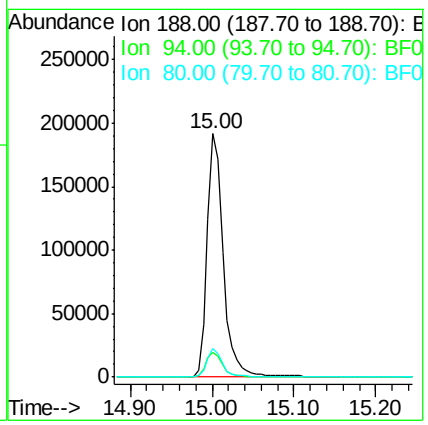


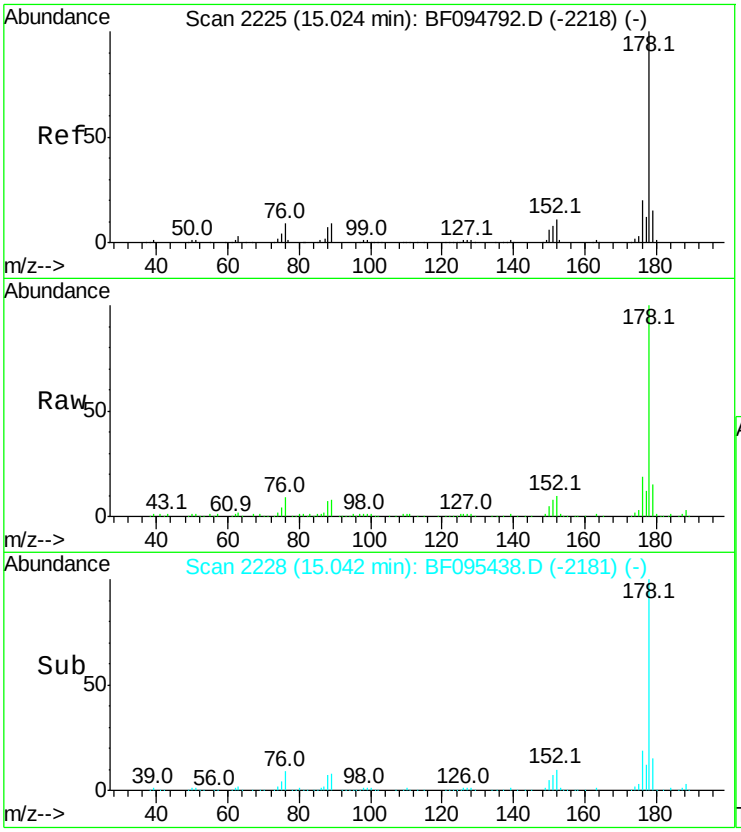


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF095438.D
Acq: 25 May 2017 23:04

Tgt Ion:188 Resp: 264476

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	11.5	10.2	15.2



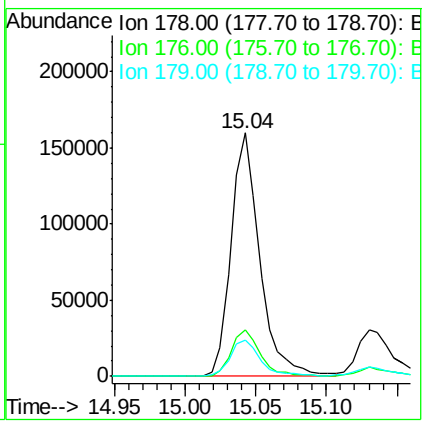


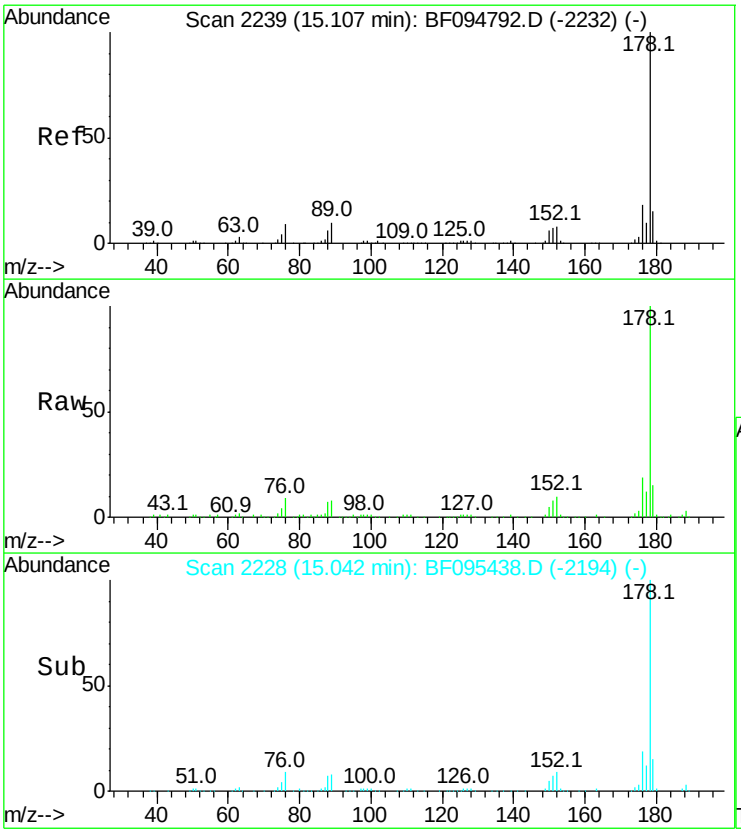
#70
Phenanthrene
Concen: 14.94 ng
RT: 15.04 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF095438.D
Acq: 25 May 2017 23:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 227066

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.4
179	15.1	12.6	19.0

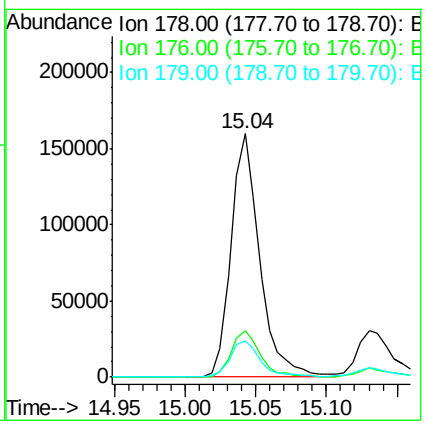


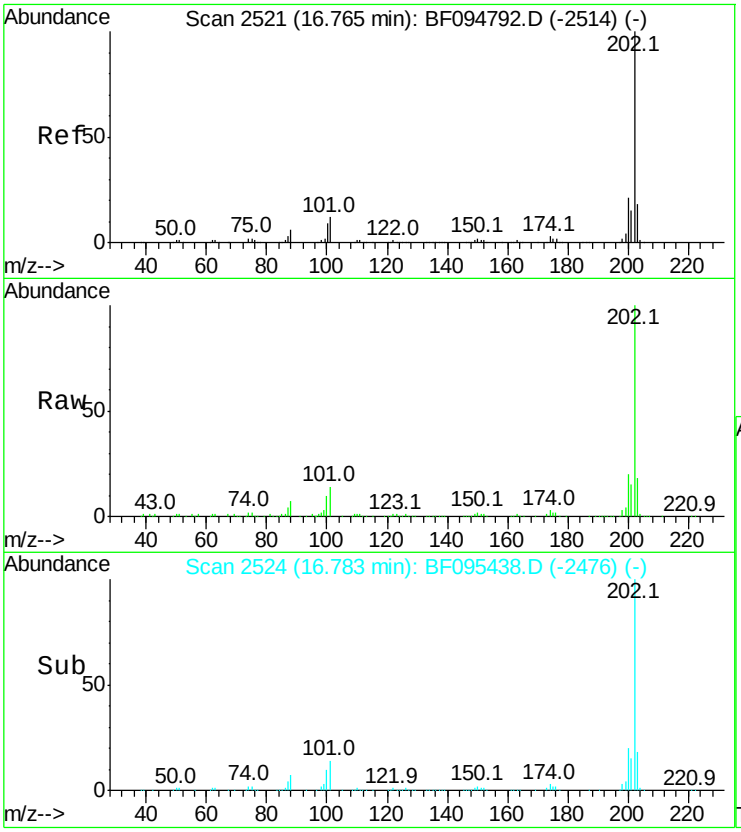


#71
Anthracene
Concen: 14.63 ng
RT: 15.04 min Scan# 2228
Delta R.T. -0.10 min
Lab File: BF095438.D
Acq: 25 May 2017 23:04

Tgt Ion:178 Resp: 227066

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.1	12.7	19.1



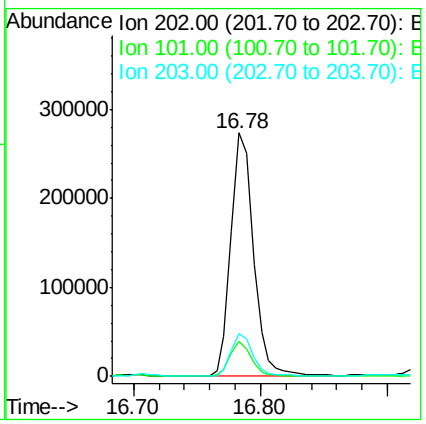


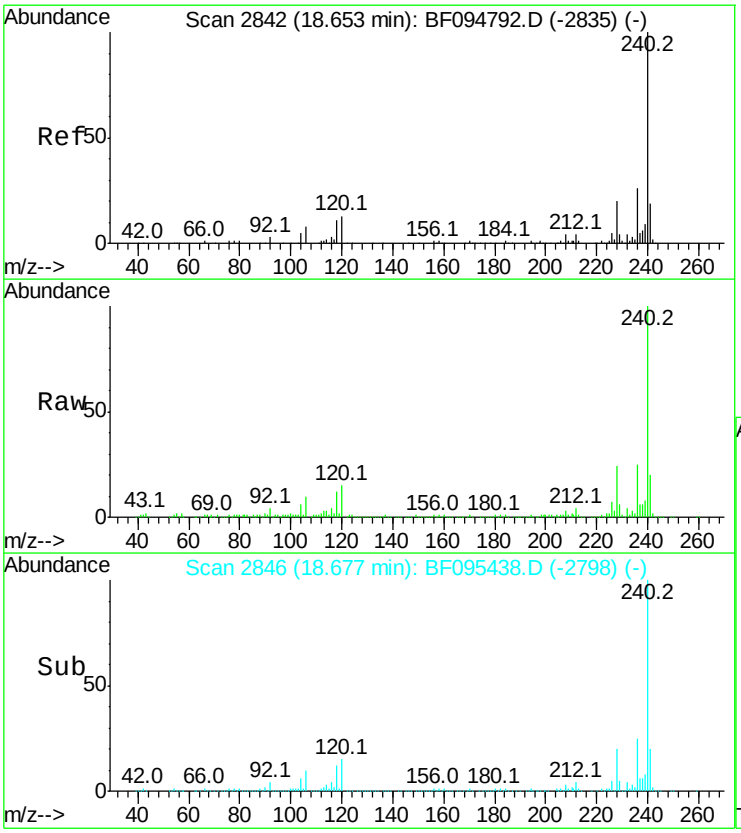
#74
Fluoranthene
Concen: 21.75 ng
RT: 16.78 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF095438.D
Acq: 25 May 2017 23:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 338968

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	17.5	0.0	38.1

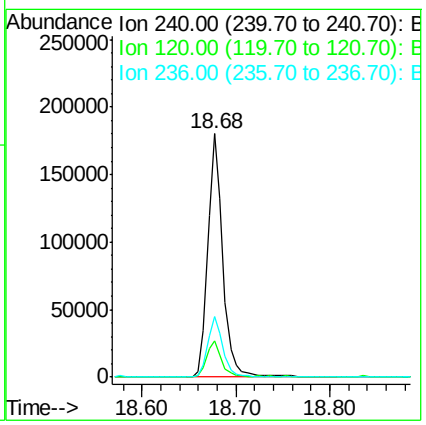


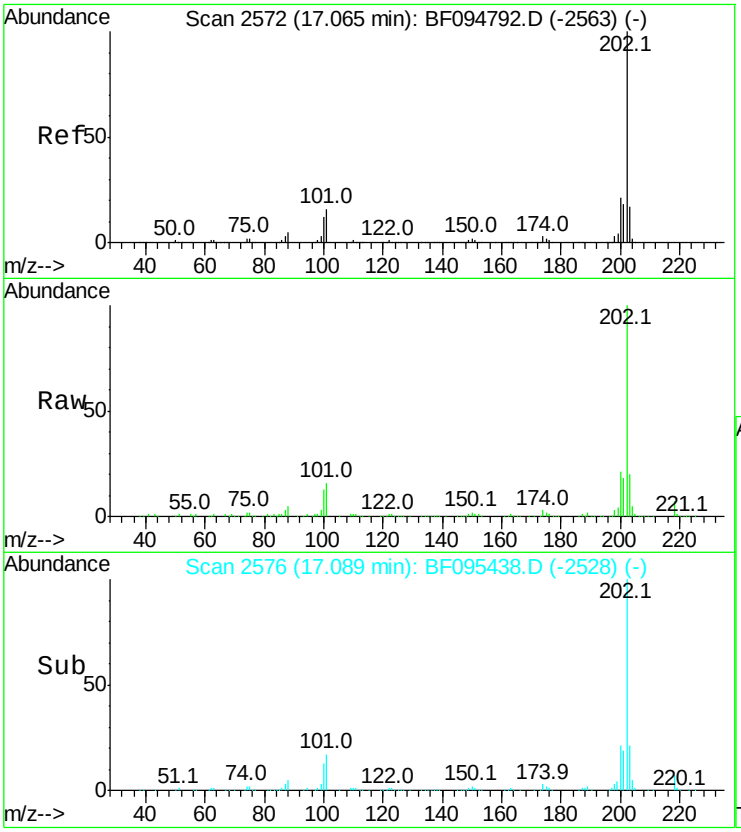


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BF095438.D
Acq: 25 May 2017 23:04

Tgt Ion:240 Resp: 203835

Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	24.8	20.5	30.7



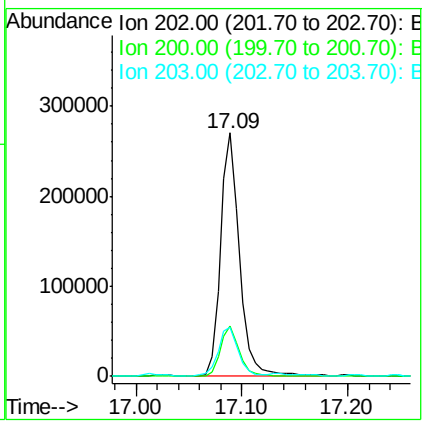


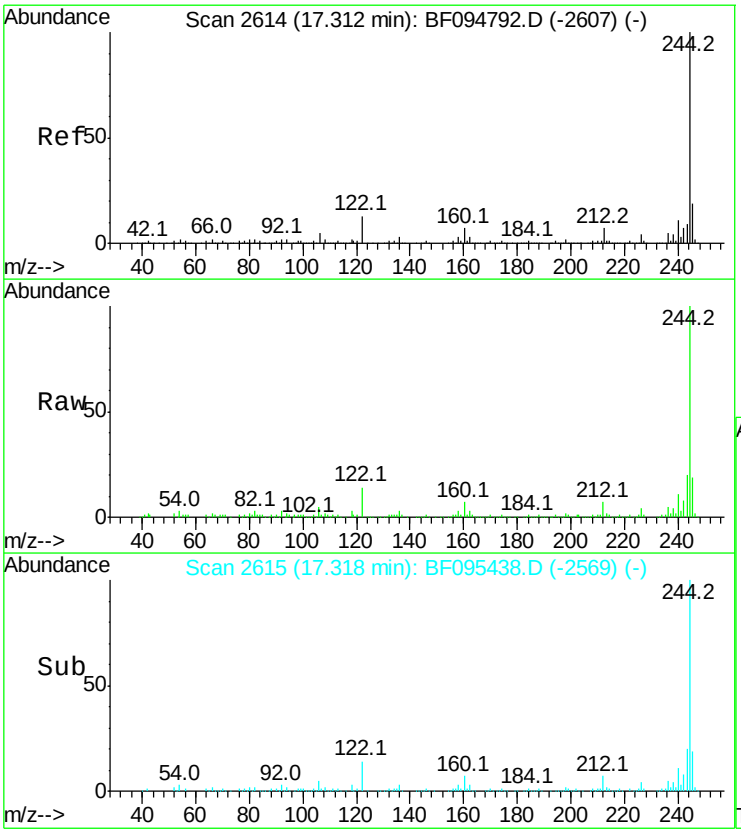
#77
Pyrene
Concen: 21.85 ng
RT: 17.09 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF095438.D
Acq: 25 May 2017 23:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 333140

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	20.4	14.4	21.6

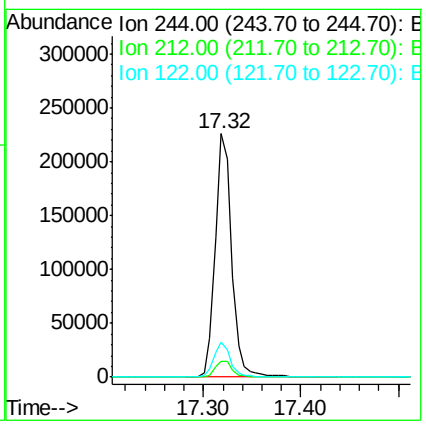


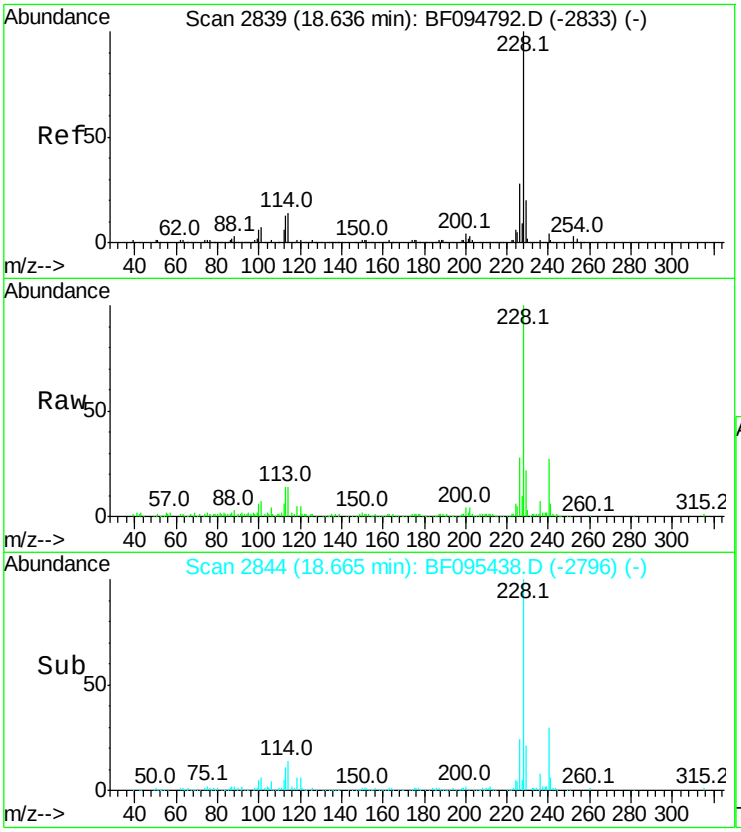


#78
Terphenyl-d14
Concen: 28.69 ng
RT: 17.32 min Scan# 2615
Delta R.T. -0.03 min
Lab File: BF095438.D
Acq: 25 May 2017 23:04

Tgt Ion:244 Resp: 265482

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.4	10.3	15.5



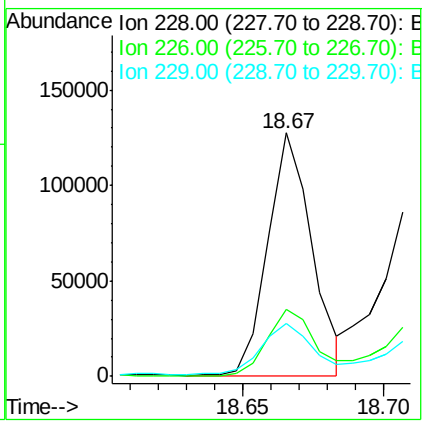


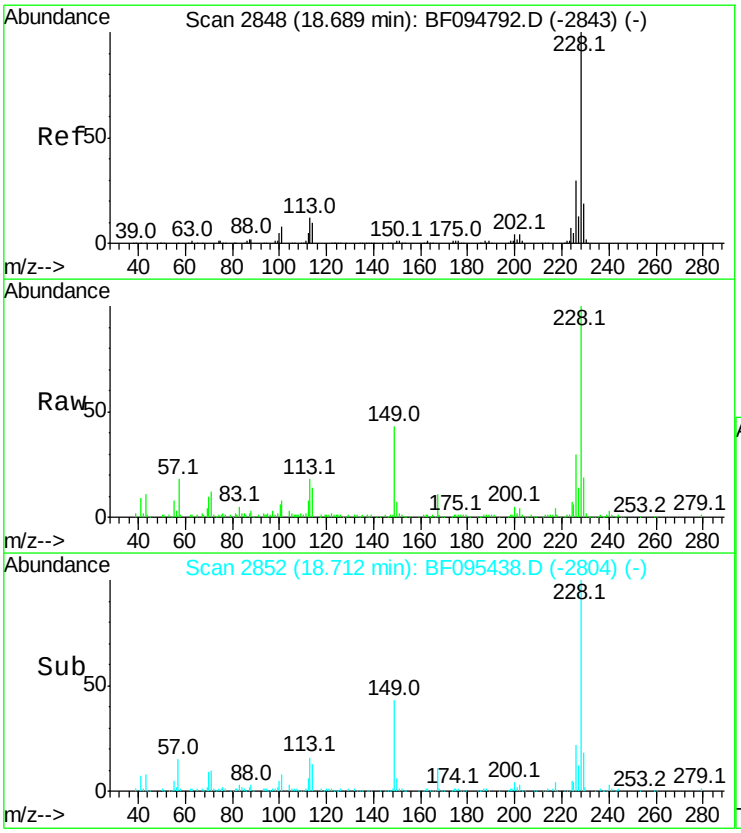
#80
Benzo(a)anthracene
Concen: 11.58 ng
RT: 18.67 min Scan# 2844
Delta R.T. -0.02 min
Lab File: BF095438.D
Acq: 25 May 2017 23:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 137397

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	22.0	16.3	24.5

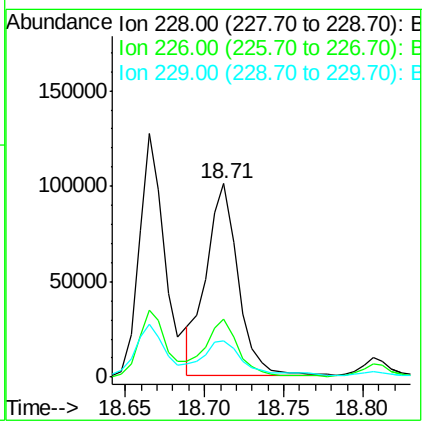


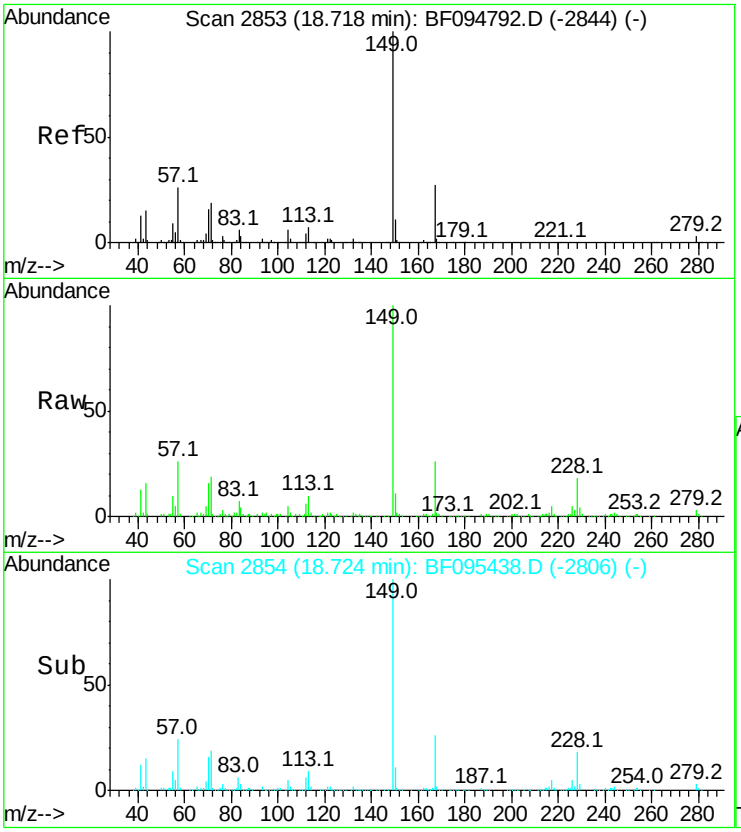


#82
Chrysene
Concen: 12.35 ng
RT: 18.71 min Scan# 2852
Delta R.T. -0.02 min
Lab File: BF095438.D
Acq: 25 May 2017 23:04

Tgt Ion:228 Resp: 141692

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	19.1	15.8	23.6



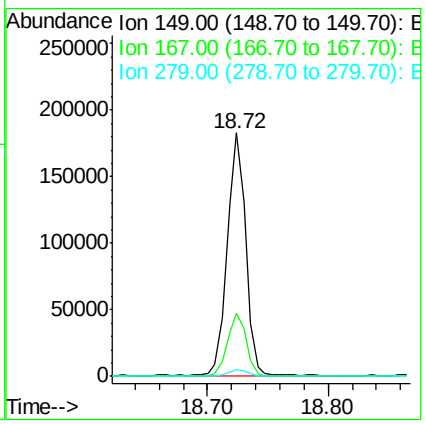


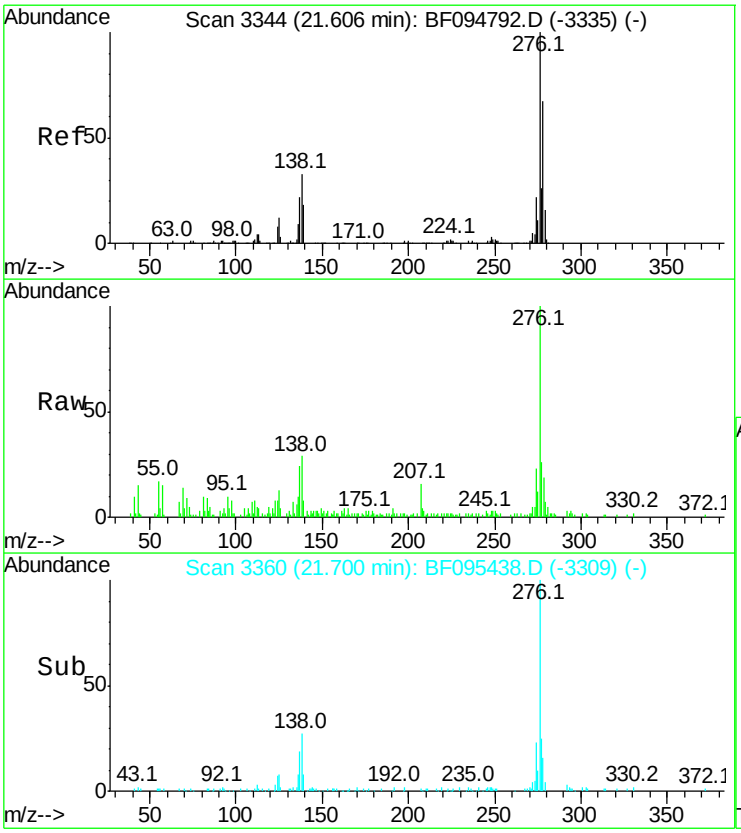
#83
Bis(2-ethylhexyl)phthalate
Concen: 19.10 ng
RT: 18.72 min Scan# 2854
Delta R.T. -0.02 min
Lab File: BF095438.D
Acq: 25 May 2017 23:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 192985

Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.0	31.4
279	3.0	1.9	2.9#

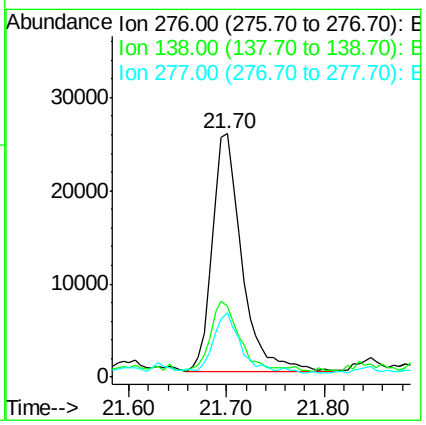


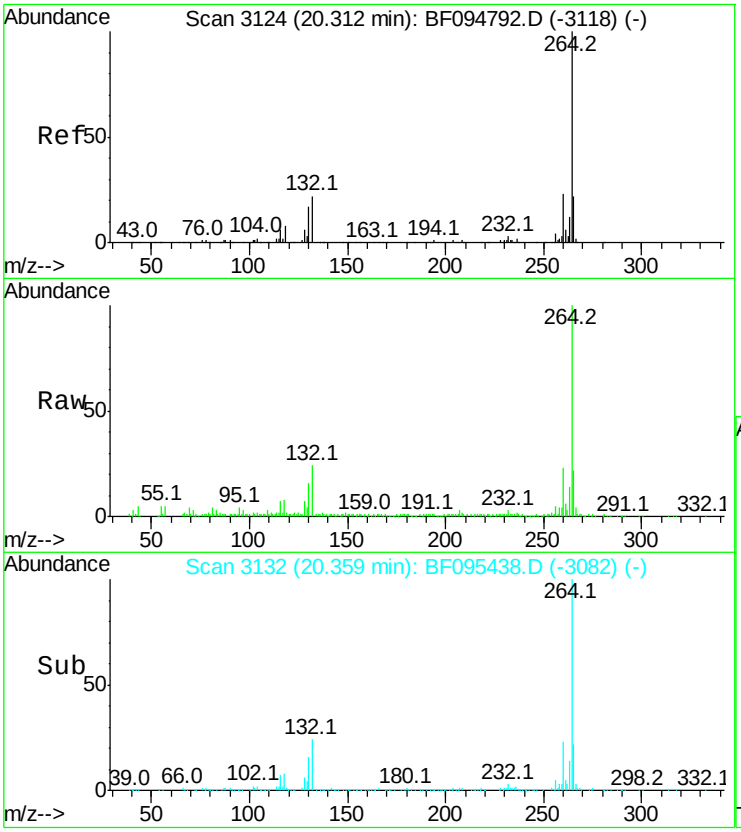


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.76 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.00 min
Lab File: BF095438.D
Acq: 25 May 2017 23:04

Tgt Ion:276 Resp: 53652

Ion	Ratio	Lower	Upper
276	100		
138	27.8	27.8	41.6
277	21.0	20.2	30.4



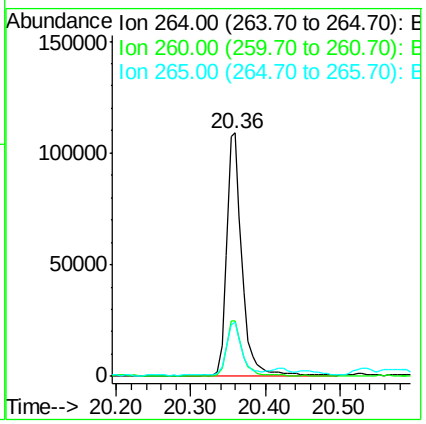


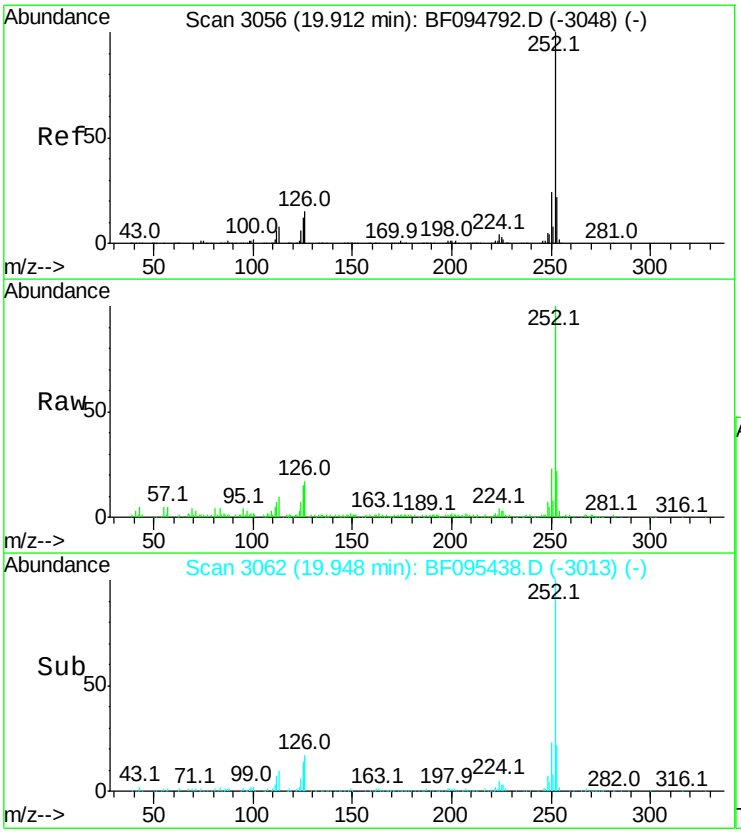
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095438.D
Acq: 25 May 2017 23:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 158833

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	22.1	17.2	25.8

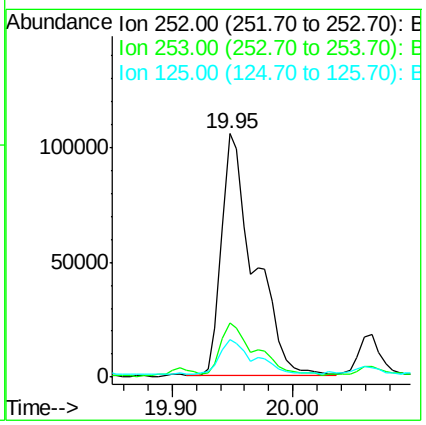


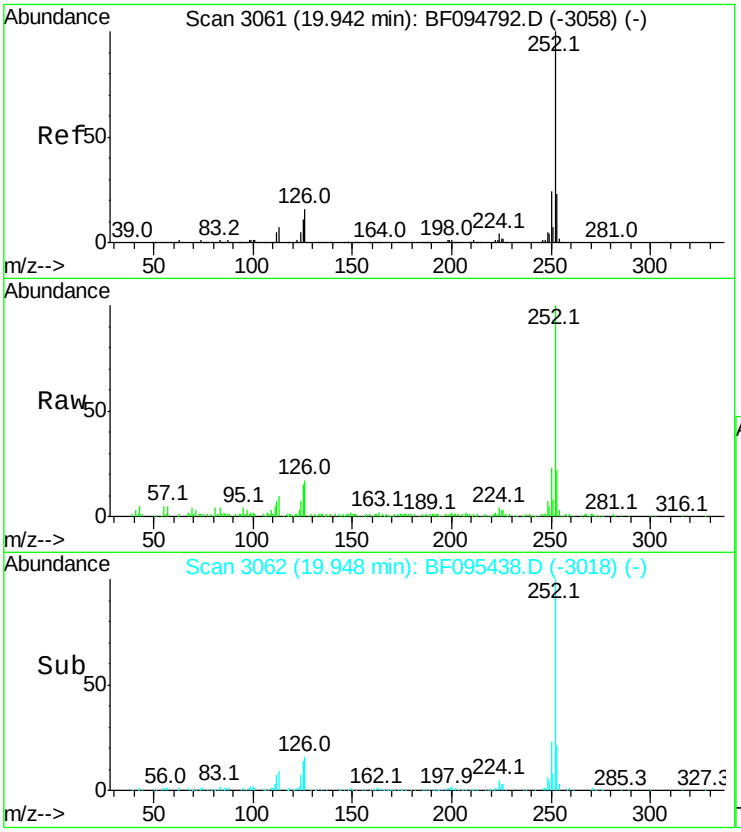


#87
Benzo(b)fluoranthene
Concen: 20.02 ng
RT: 19.95 min Scan# 3062
Delta R.T. -0.01 min
Lab File: BF095438.D
Acq: 25 May 2017 23:04

Tgt Ion:252 Resp: 196479

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	15.3	9.8	14.8#



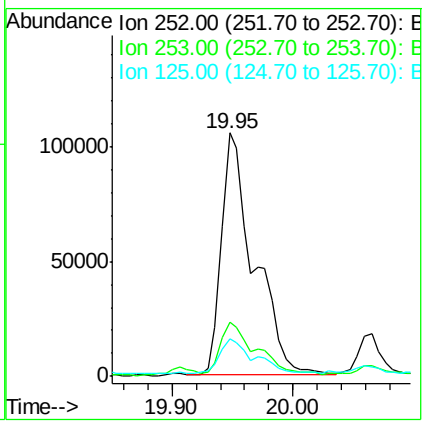


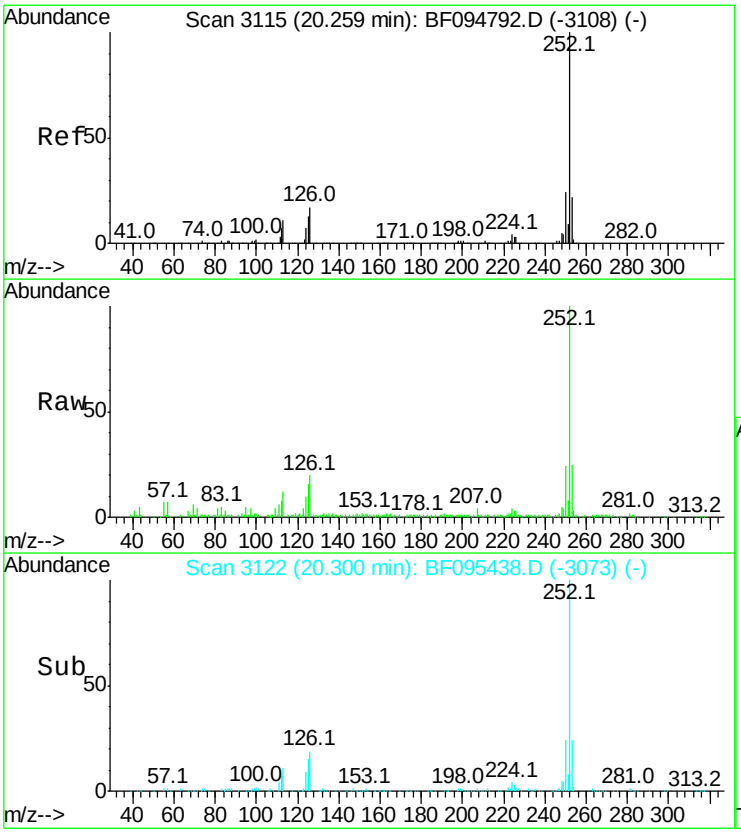
#88
Benzo(k)fluoranthene
Concen: 20.75 ng
RT: 19.95 min Scan# 3062
Delta R.T. -0.04 min
Lab File: BF095438.D
Acq: 25 May 2017 23:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 196479

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	15.3	13.1	19.7

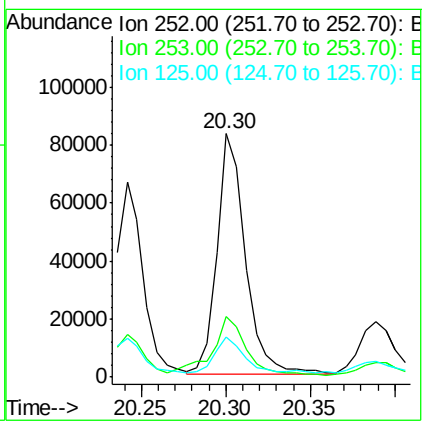


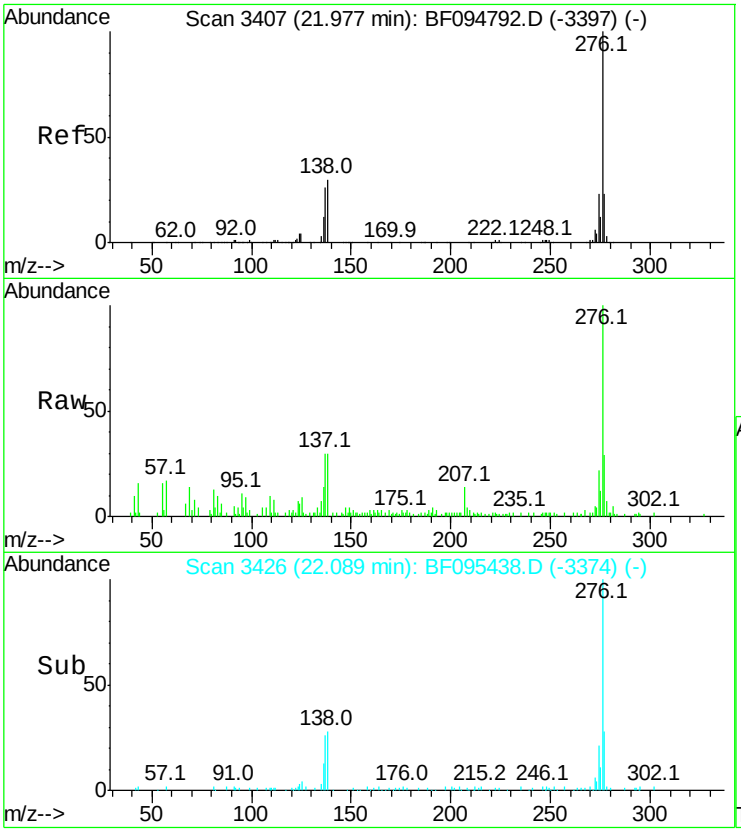


#89
Benzo(a)pyrene
Concen: 10.78 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095438.D
Acq: 25 May 2017 23:04

Tgt Ion:252 Resp: 97614

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.5	26.3
125	16.4	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 7.36 ng
RT: 22.09 min Scan# 3426
Delta R.T. 0.01 min
Lab File: BF095438.D
Acq: 25 May 2017 23:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 53995

Ion	Ratio	Lower	Upper
276	100		
277	28.7	18.6	28.0#
138	29.9	25.4	38.0