Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
Data File : BF094660.D
Acq On : 26 Apr 2017 21:17
Operator : SJ/MA
Sample : I2813-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 27 01:26:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	130496	20.00	ng		-0.01
21) Naphthalene-d8	7.24	136	523801	20.00	ng		-0.02
38) Acenaphthene-d10	9.38	164	217757	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	365062	20.00	ng		-0.02
75) Chrysene-d12	14.45	240	274691	20.00	ng		-0.01
86) Perylene-d12	16.08	264	244246	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.30	112	459580	58.43	ng		0.00
7) Phenol-d6	5.37	99	578560	62.39	ng		-0.02
23) Nitrobenzene-d5	6.40	82	368968	43.50	ng		-0.02
41) 2,4,6-Tribromophenol	10.35	330	96716	56.78	ng		-0.02
44) 2-Fluorobiphenyl	8.57	172	673262	45.49	ng		-0.02
78) Terphenyl-d14	13.18	244	422186	41.08	ng		-0.02
Target Compounds							Qvalue
10) Phenol	5.38	94	35956	3.16	ng		96
19) n-Nitroso-di-n-propylamine	6.40	70	47390	7.71	ng	#	80
31) Naphthalene	7.27	128	83695	3.32	ng		98
37) 2-Methylnaphthalene	8.11	142	59105	3.43	ng		97
48) Acenaphthylene	9.20	152	58354	2.65	ng		98
49) Dimethylphthalate	9.07	163	70921	4.37	ng	#	99
53) 2,4-Dinitrophenol	9.74	184	461	5.97	ng	#	4
55) 4-Nitrophenol	9.63	139	12211	4.10	ng	#	36
70) Phenanthrene	11.23	178	238512	11.60	ng		97
71) Anthracene	11.30	178	73298	3.45	ng		96
74) Fluoranthene	12.70	202	442092	20.75	ng		99
77) Pyrene	12.97	202	398456	20.76	ng		97
80) Benzo(a)anthracene	14.44	228	213106	13.35	ng		95
82) Chrysene	14.48	228	228128	15.63	ng		97
85) Indeno(1,2,3-cd)pyrene	17.36	276	109108	7.86	ng		92
87) Benzo(b)fluoranthene	15.68	252	424215	28.39	ng	#	96
88) Benzo(k)fluoranthene	15.68	252	424215	30.00	ng		98
89) Benzo(a)pyrene	16.02	252	179763	12.93	ng		96
90) Dibenzo(a,h)anthracene	17.37	278	29056	2.52	ng	#	91
91) Benzo(g,h,i)perylene	17.73	276	94819	8.07	ng		99

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

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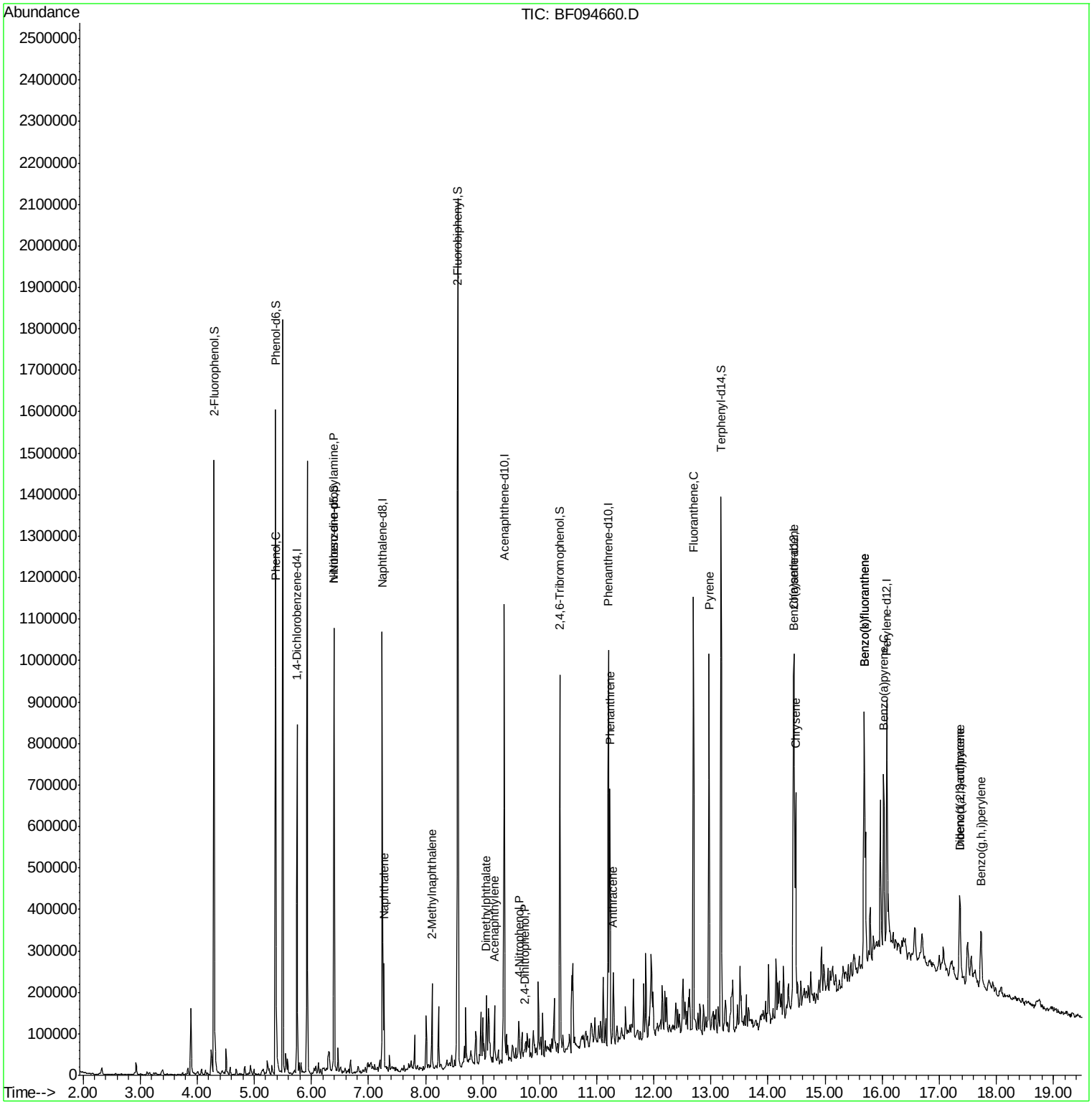
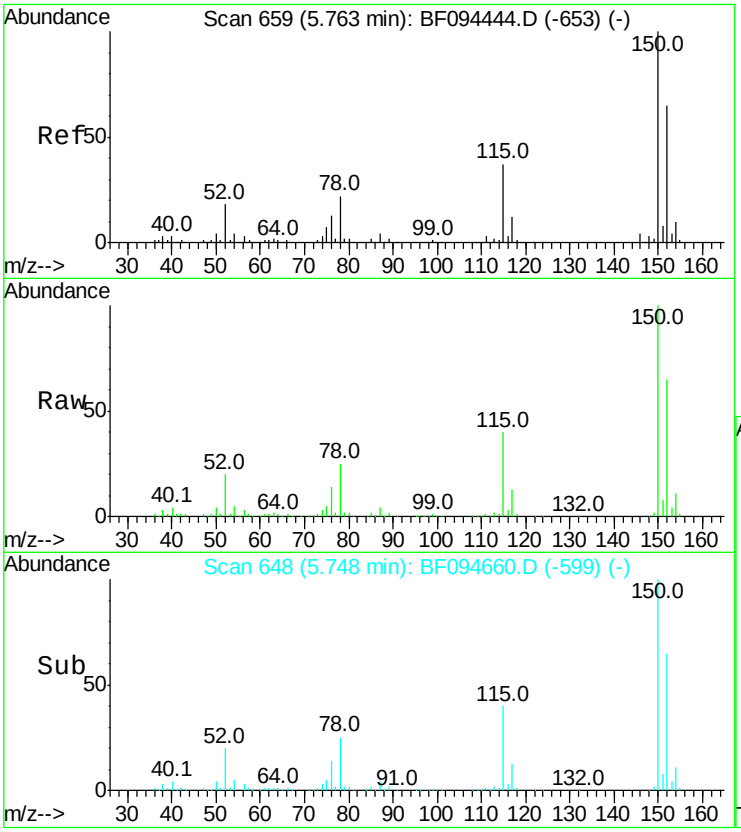
Response via : Initial Calibration



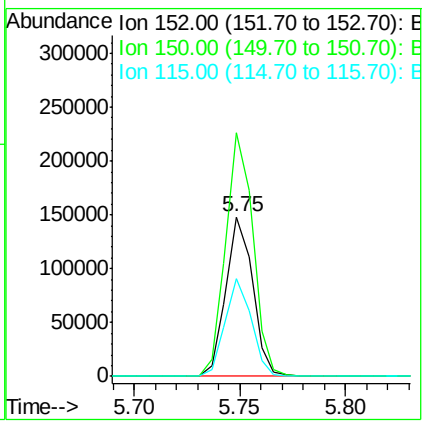


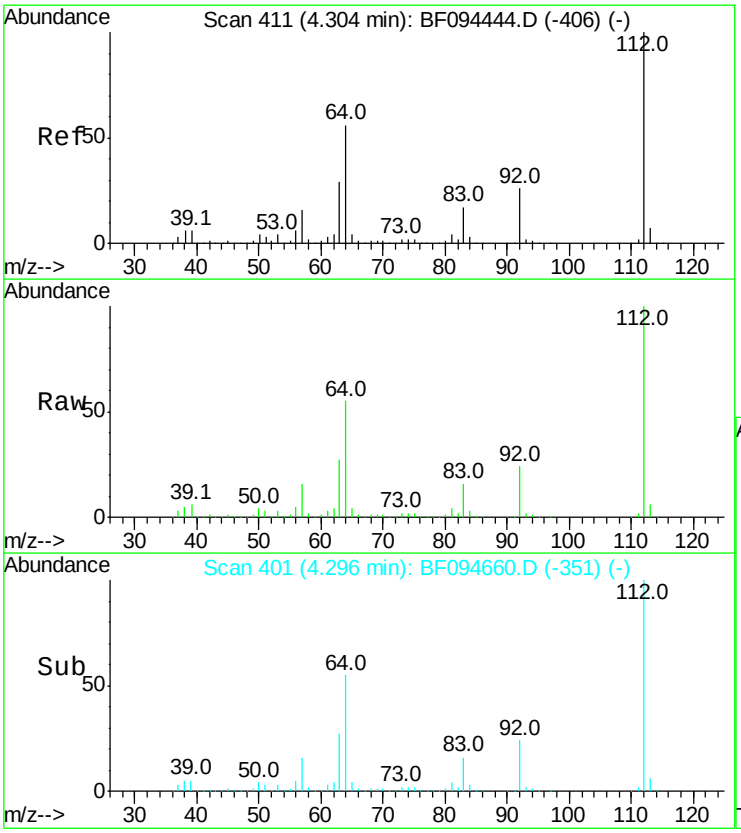
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 130496

Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.2	189.2
115	61.6	52.2	78.2

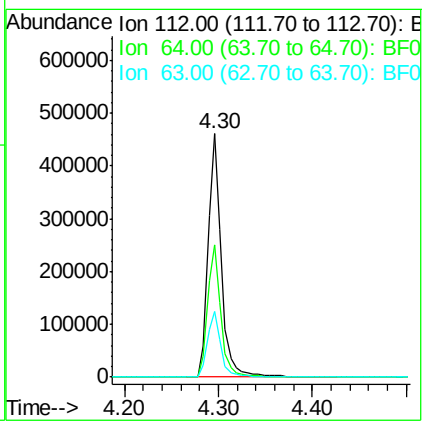


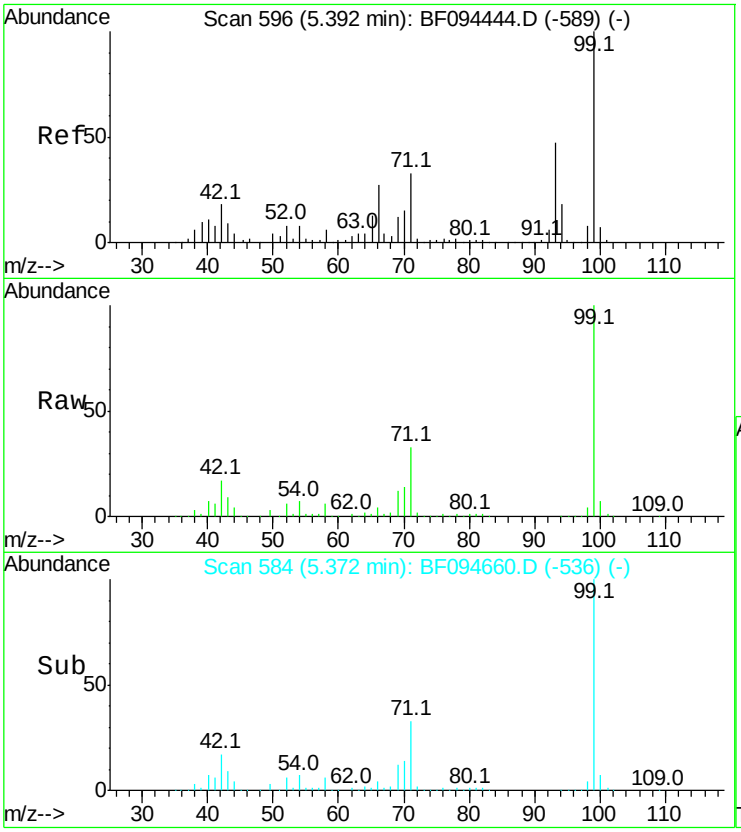


#5
2-Fluorophenol
Concen: 58.43 ng
RT: 4.30 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Tgt Ion:112 Resp: 459580

Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.0	69.0
63	27.1	23.4	35.0



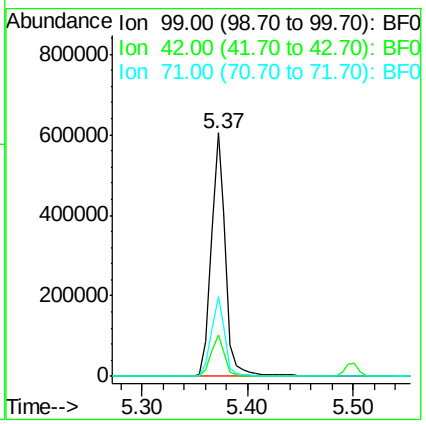


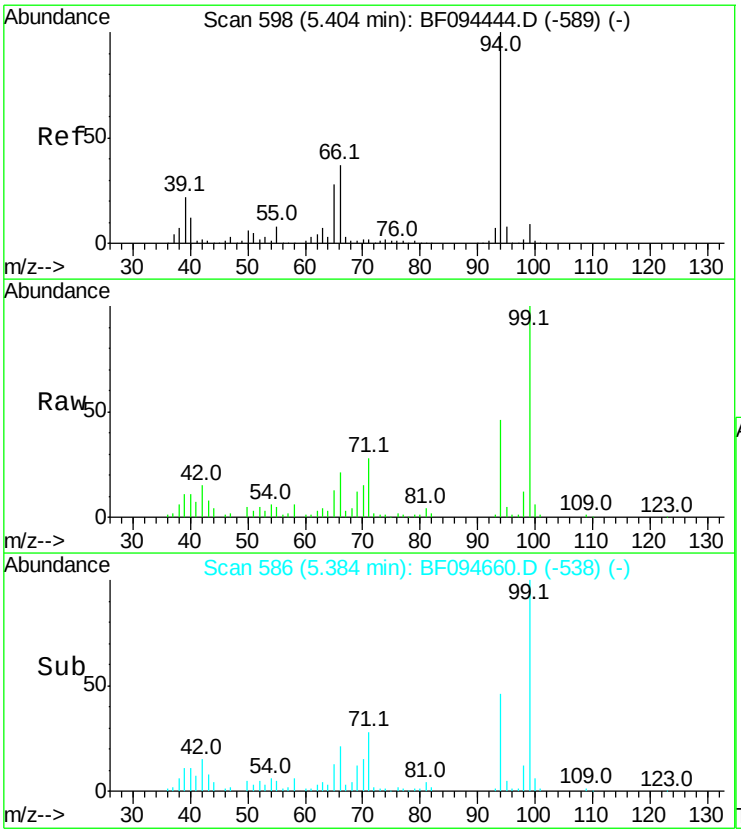
#7
Phenol-d6
Concen: 62.39 ng
RT: 5.37 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 578560

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	32.7	24.5	36.7

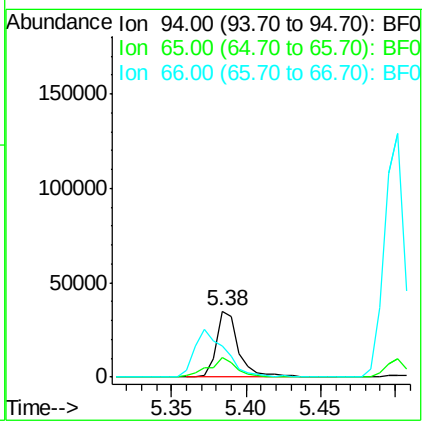


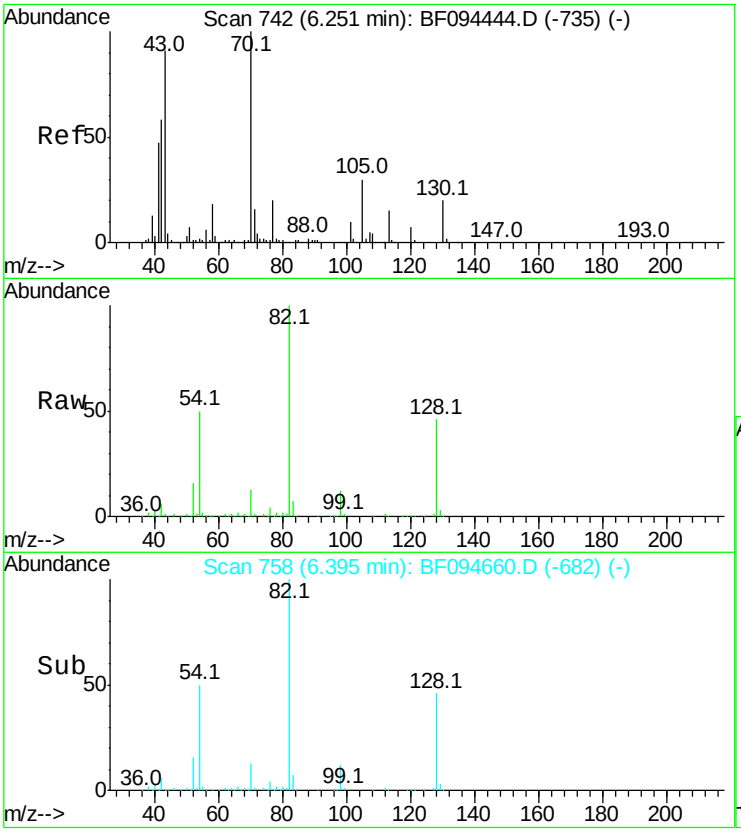


#10
Phenol
Concen: 3.16 ng
RT: 5.38 min Scan# 586
Delta R.T. -0.02 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Tgt Ion: 94 Resp: 35956

Ion	Ratio	Lower	Upper
94	100		
65	29.5	9.9	49.9
66	46.7	23.1	63.1



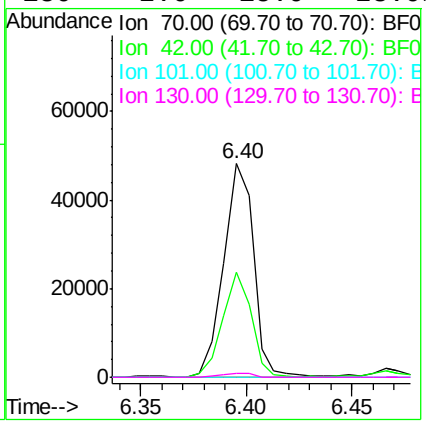


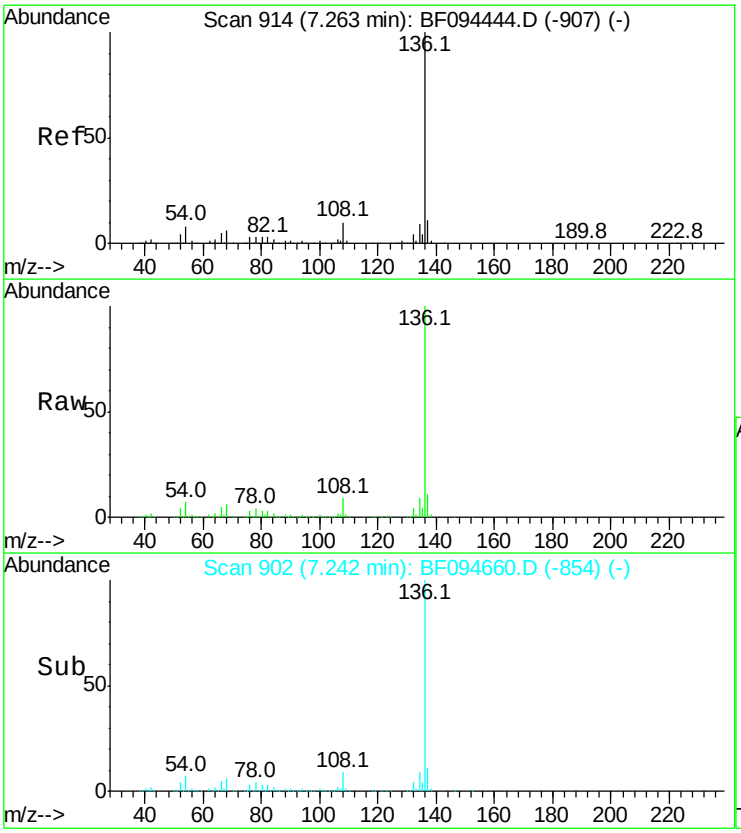
#19
n-Nitroso-di-n-propylamine
Concen: 7.71 ng
RT: 6.40 min Scan# 758
Delta R.T. 0.14 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 47390

Ion	Ratio	Lower	Upper
70	100		
42	49.2	47.2	70.8
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#

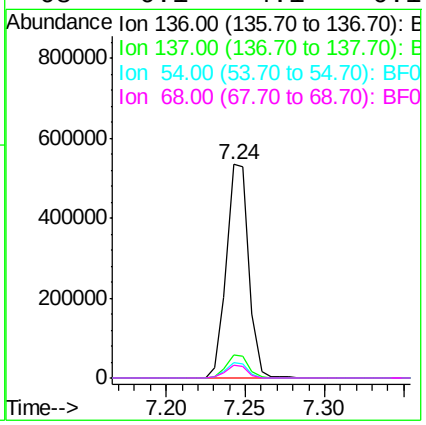


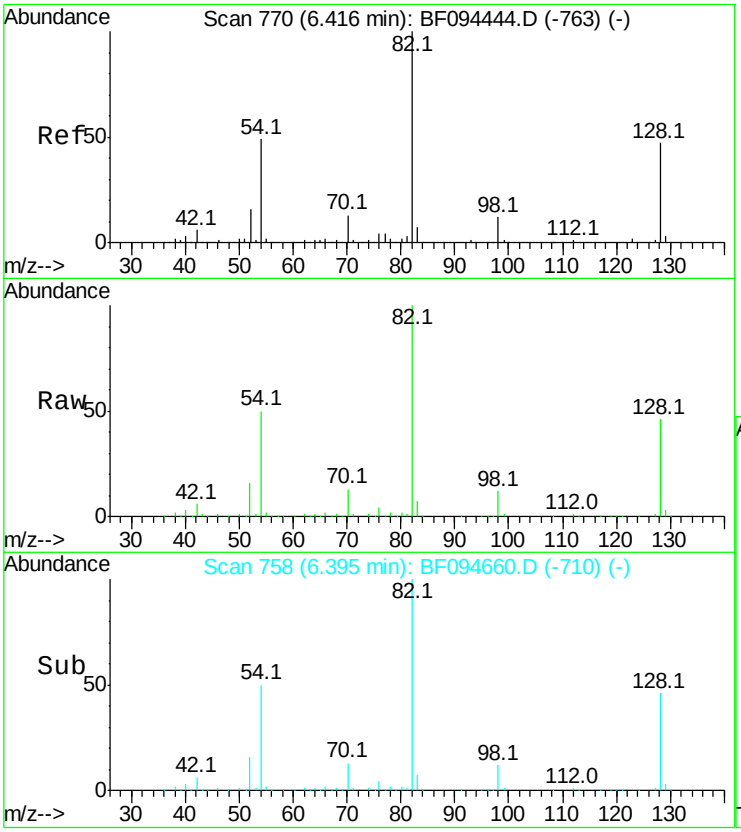


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.24 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Tgt Ion:136 Resp: 523801

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.4	4.9	7.3#
68	6.1	4.1	6.1



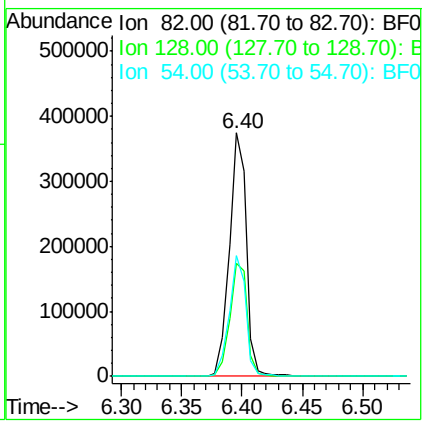


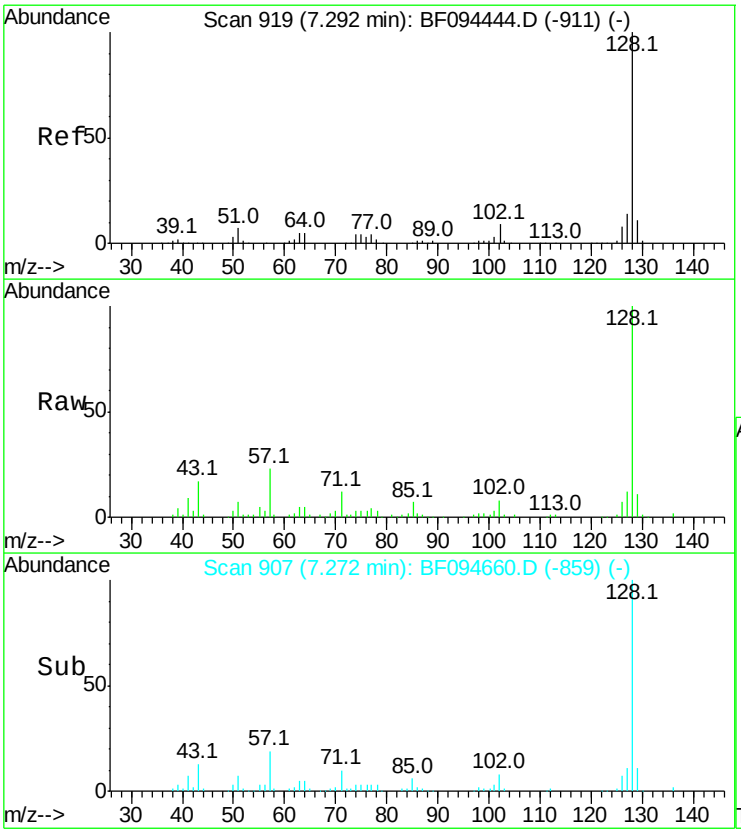
#23
Nitrobenzene-d5
Concen: 43.50 ng
RT: 6.40 min Scan# 758
Delta R.T. -0.02 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 368968

Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	49.6	42.2	63.2

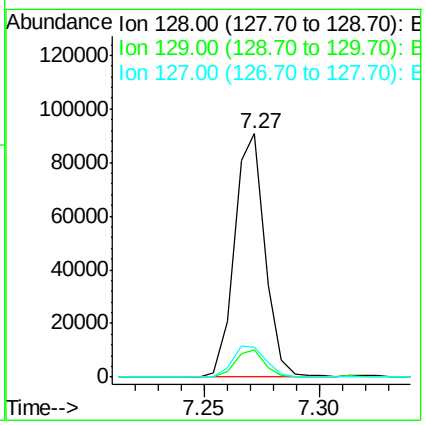


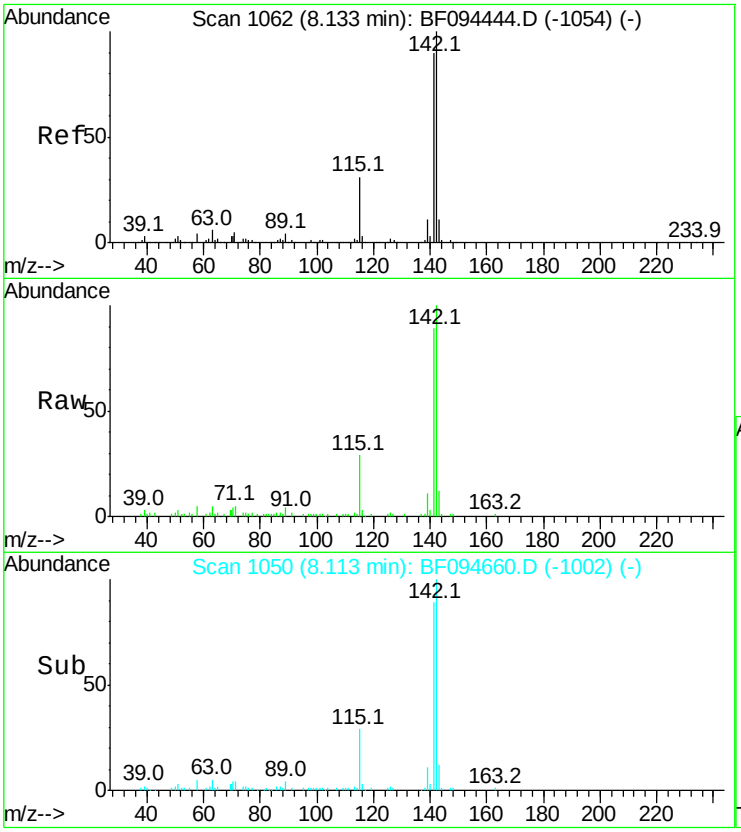


#31
Naphthalene
Concen: 3.32 ng
RT: 7.27 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Tgt Ion:128 Resp: 83695

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	12.0	10.8	16.2



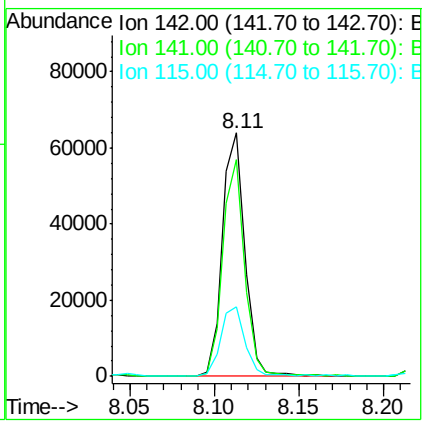


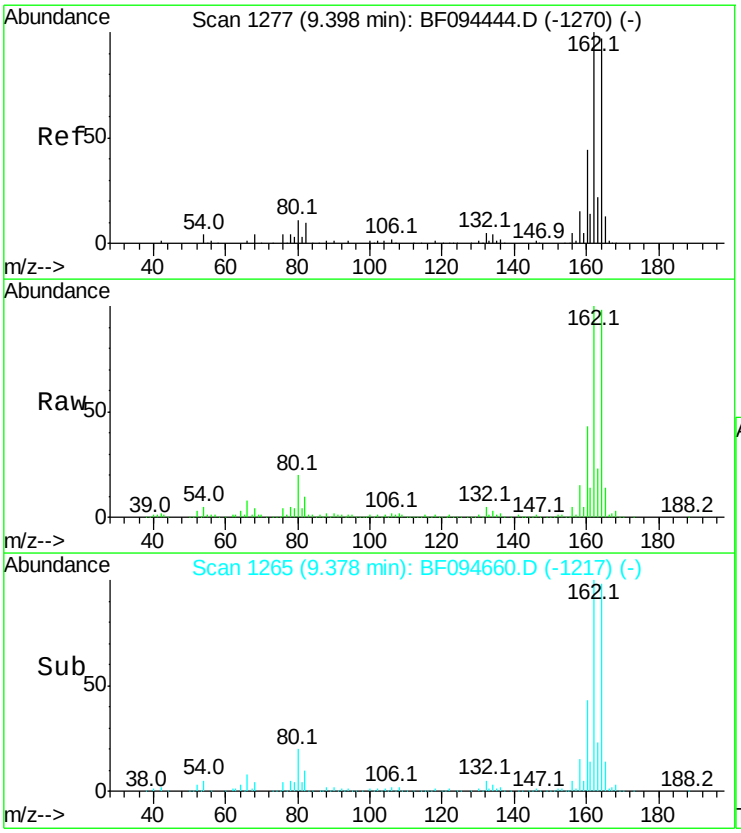
#37
2-Methylnaphthalene
Concen: 3.43 ng
RT: 8.11 min Scan# 1050
Delta R.T. -0.02 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 59105

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.3	106.9
115	28.7	27.1	40.7

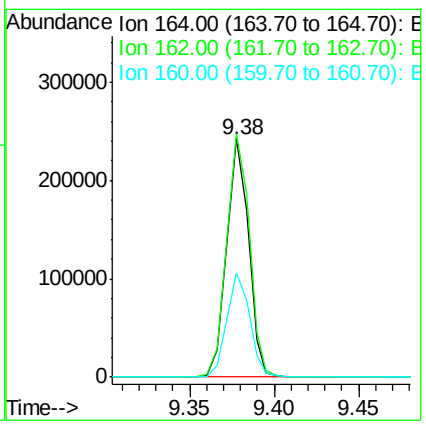


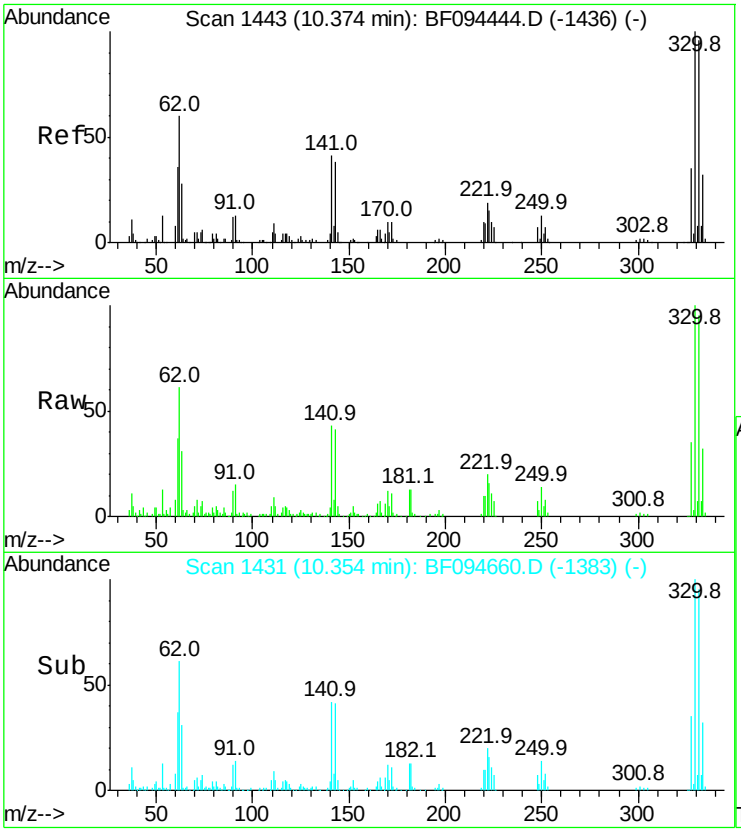


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Tgt Ion:164 Resp: 217757

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.6	123.8
160	43.4	36.2	54.2



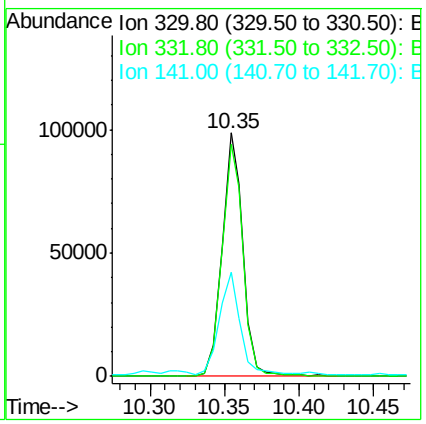


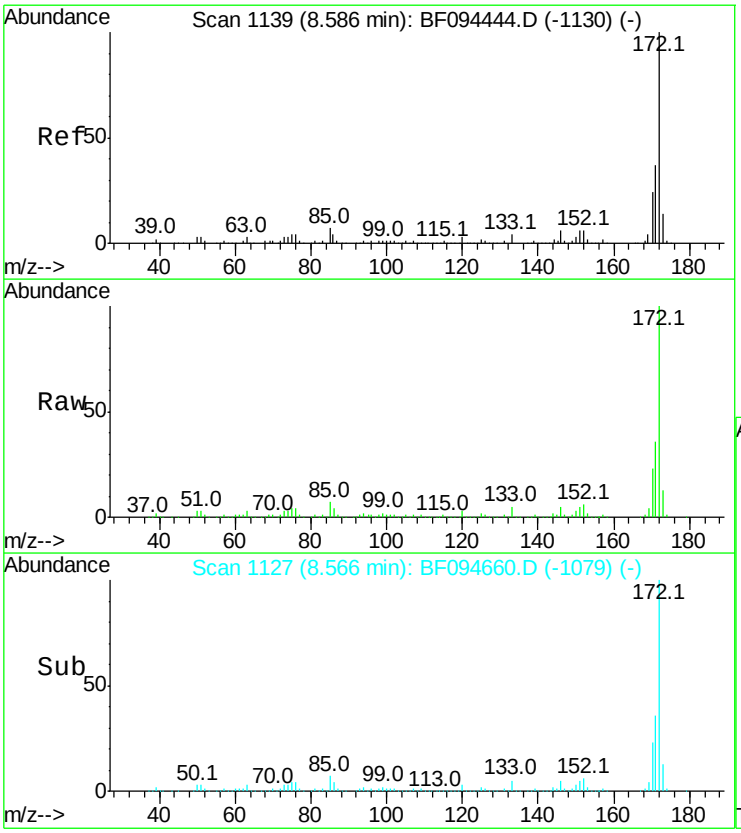
#41
2,4,6-Tribromophenol
Concen: 56.78 ng
RT: 10.35 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 96716

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	41.2	31.4	47.2

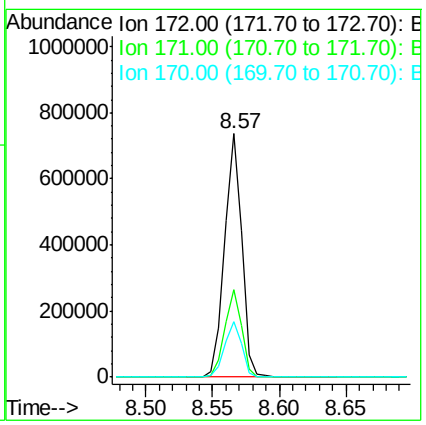


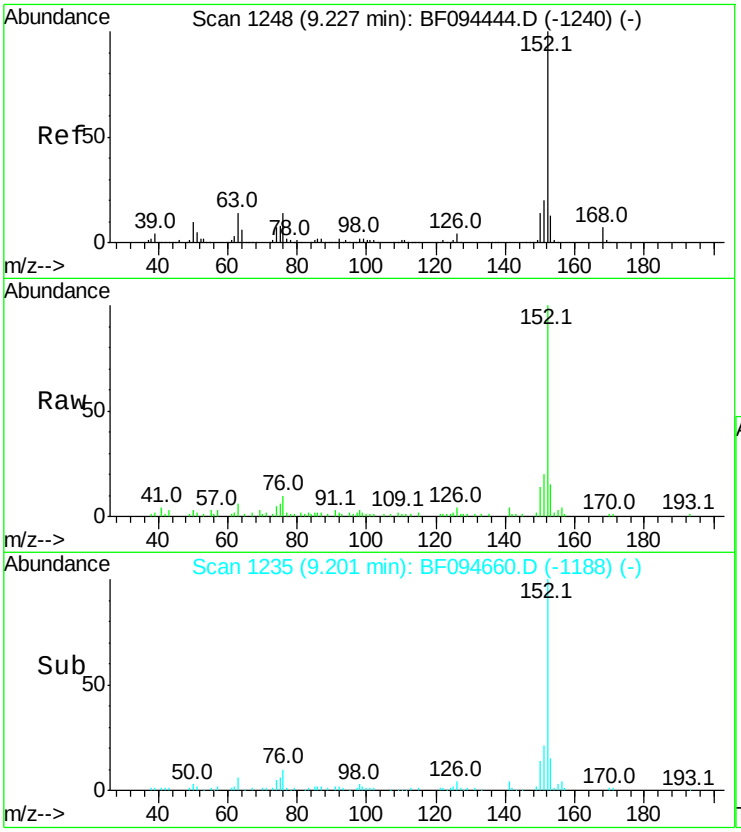


#44
2-Fluorobiphenyl
Concen: 45.49 ng
RT: 8.57 min Scan# 1127
Delta R.T. -0.02 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Tgt Ion:172 Resp: 673262

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	22.9	19.8	29.8



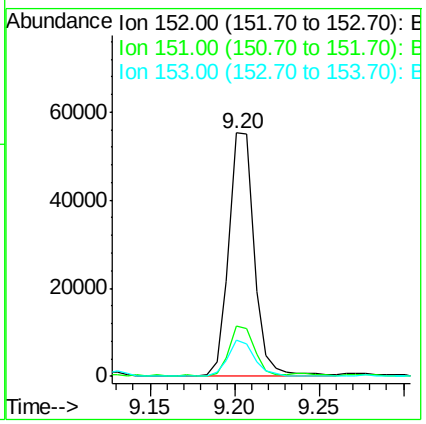


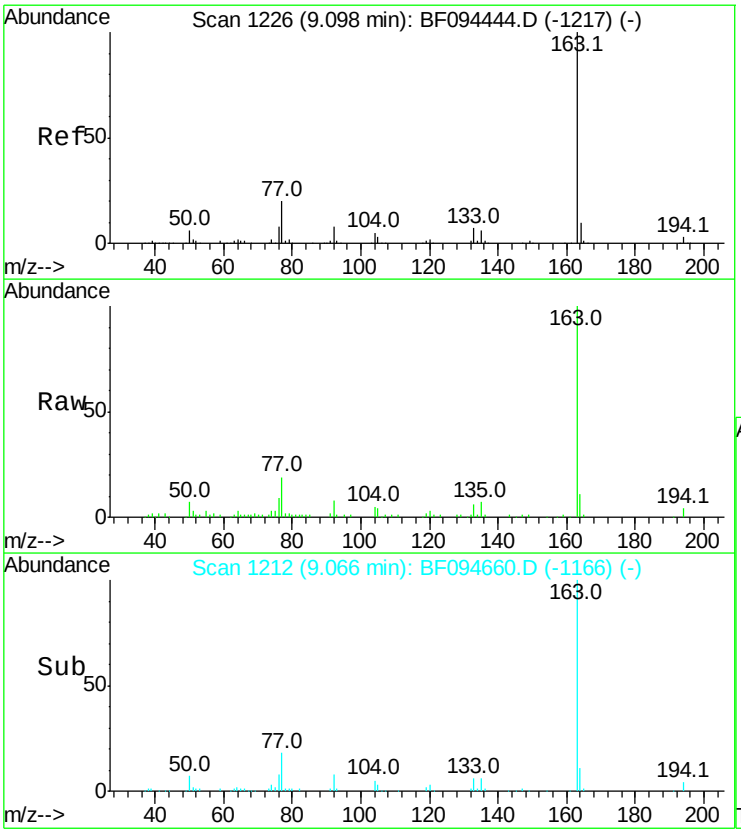
#48
Acenaphthylene
Concen: 2.65 ng
RT: 9.20 min Scan# 1235
Delta R.T. -0.03 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 58354

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	14.9	10.8	16.2

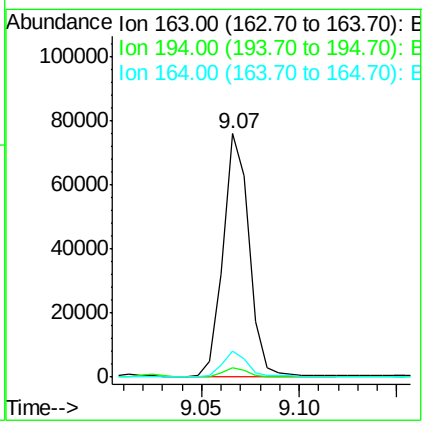


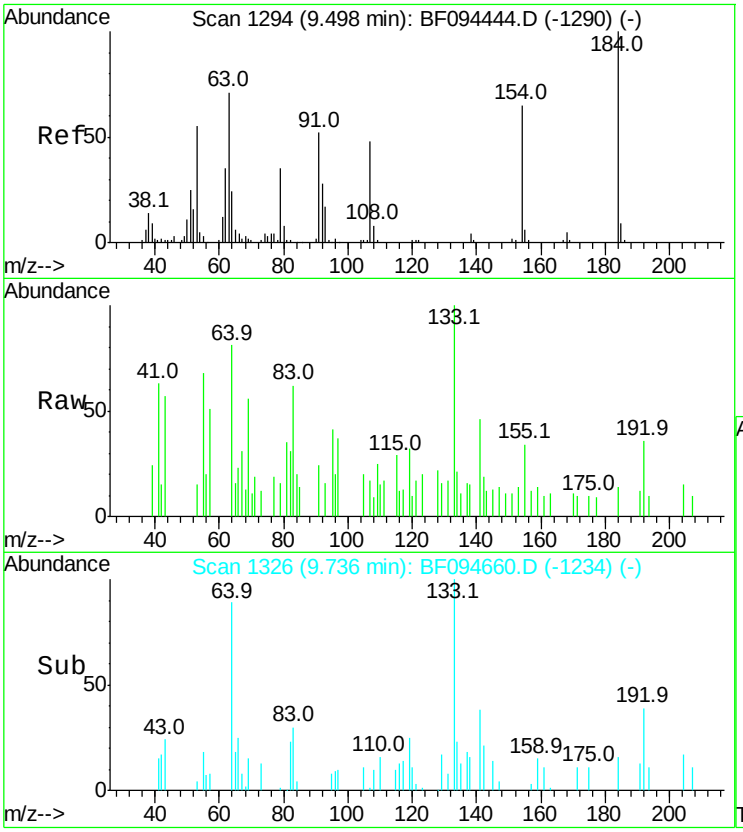


#49
Dimethylphthalate
Concen: 4.37 ng
RT: 9.07 min Scan# 1212
Delta R.T. -0.03 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Tgt Ion:163 Resp: 70921

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.6	4.0#
164	10.7	8.4	12.6



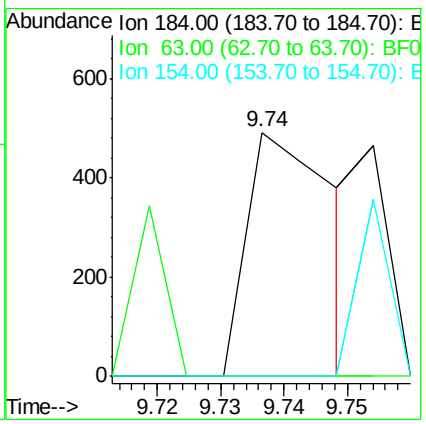


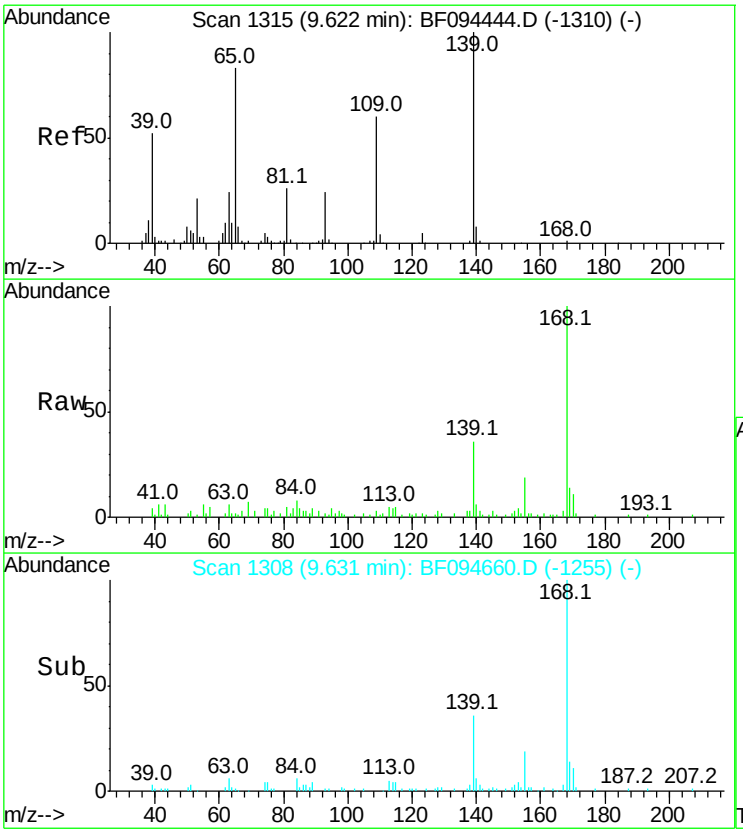
#53
2,4-Dinitrophenol
Concen: 5.97 ng
RT: 9.74 min Scan# 1326
Delta R.T. 0.24 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 461

Ion	Ratio	Lower	Upper
184	100		
63	0.0	62.7	94.1#
154	0.0	81.1	121.7#

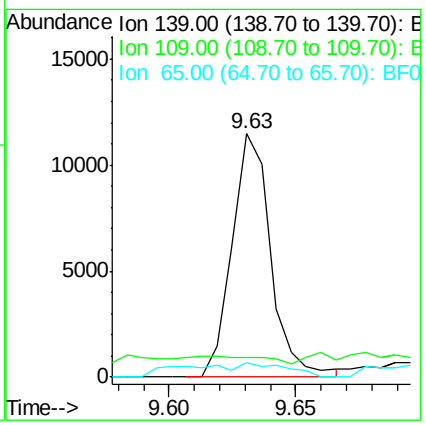


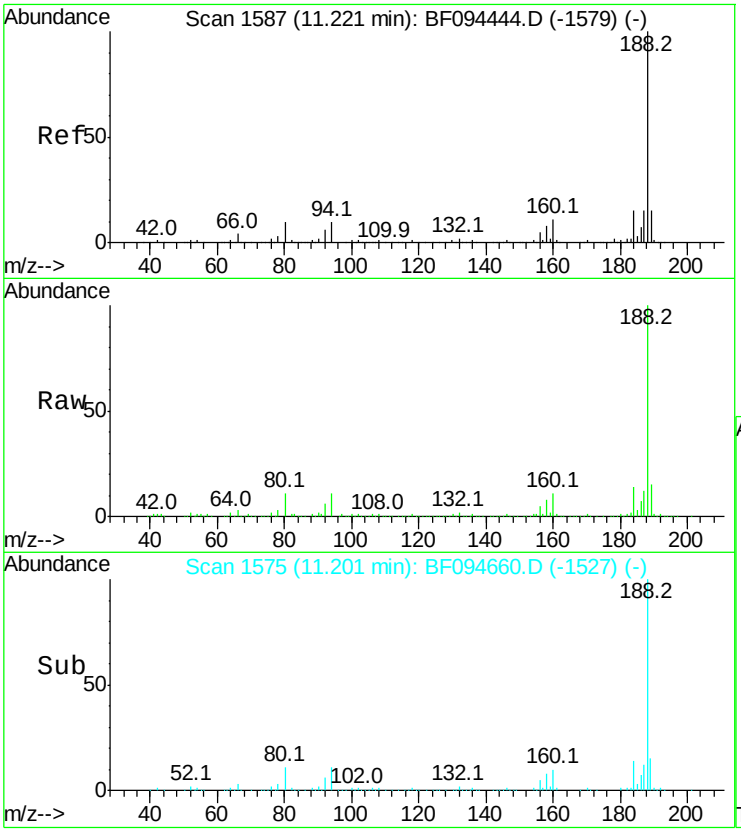


#55
4-Nitrophenol
Concen: 4.10 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Tgt Ion:139 Resp: 12211

Ion	Ratio	Lower	Upper
139	100		
109	8.3	34.1	74.1#
65	5.9	31.4	71.4#



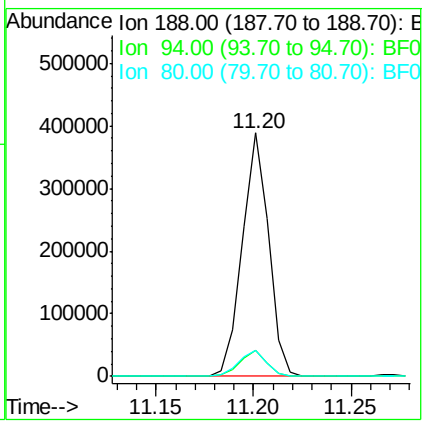


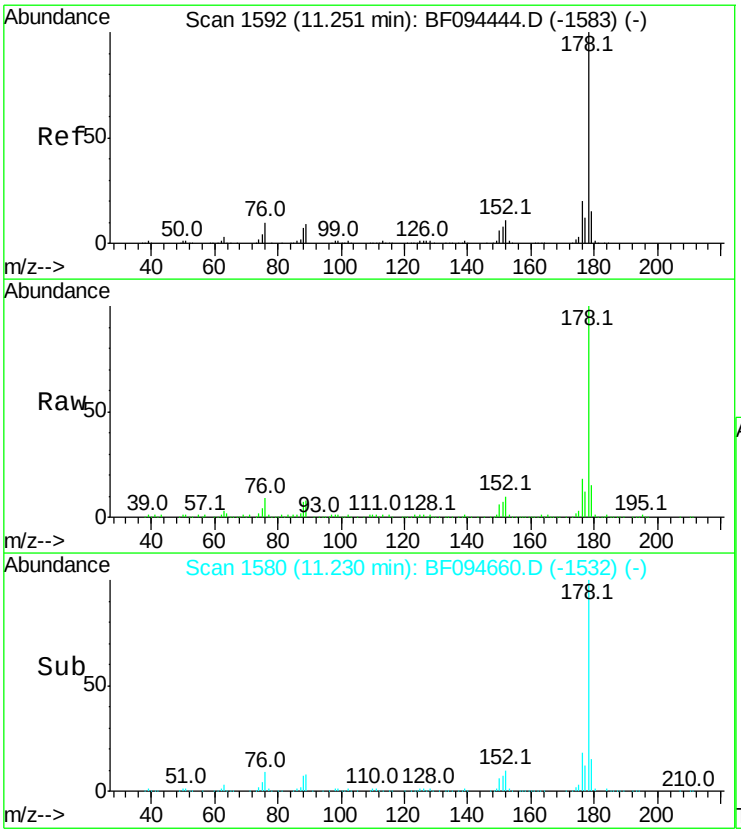
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 365062

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	10.6	10.2	15.2

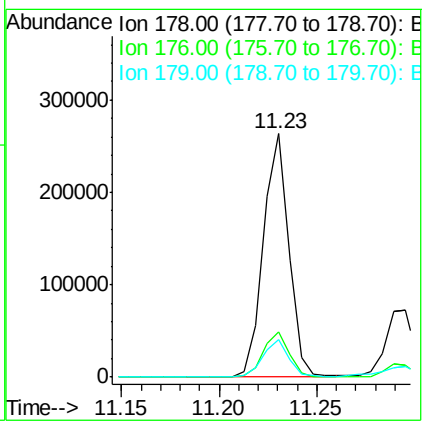


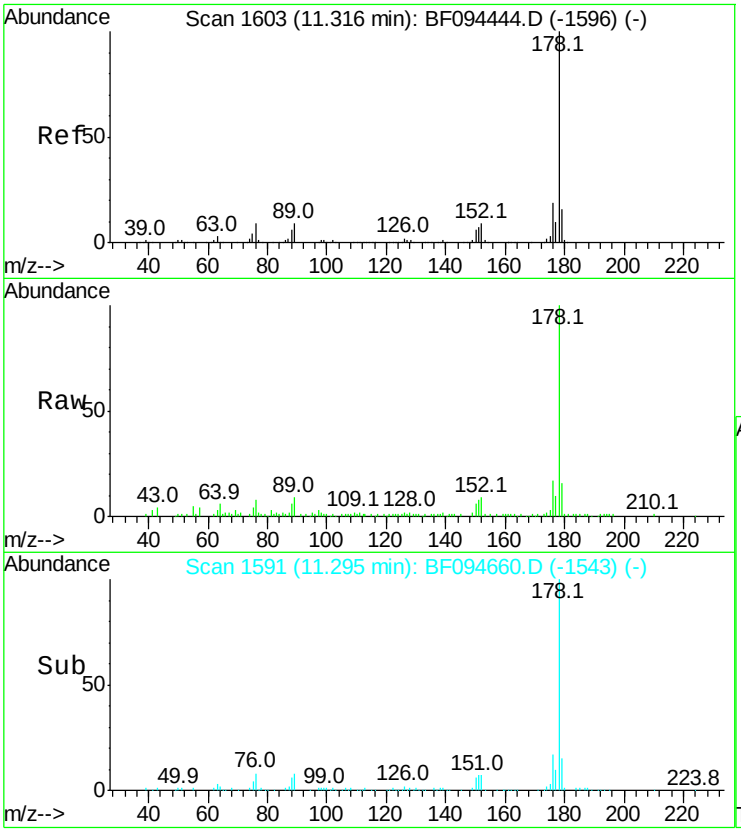


#70
Phenanthrene
Concen: 11.60 ng
RT: 11.23 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Tgt Ion:178 Resp: 238512

Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.2	24.4
179	15.3	12.6	19.0



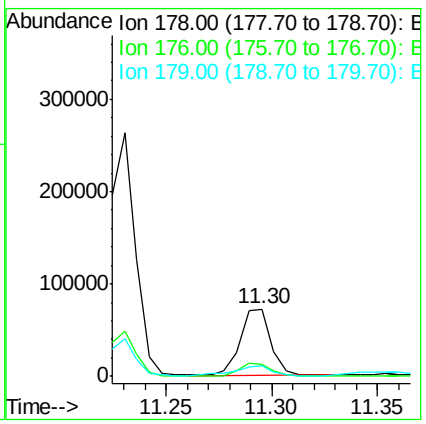


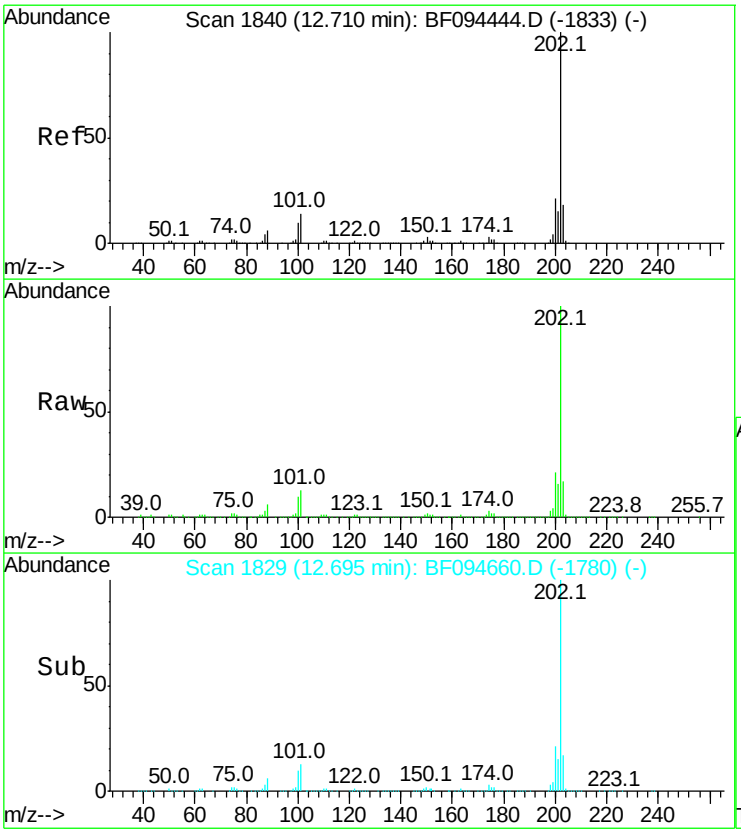
#71
Anthracene
Concen: 3.45 ng
RT: 11.30 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 73298

Ion	Ratio	Lower	Upper
178	100		
176	16.9	15.8	23.8
179	15.9	12.7	19.1

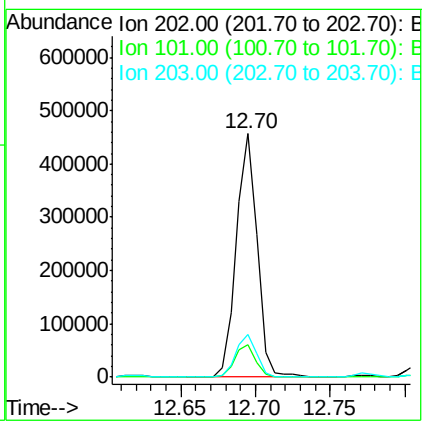


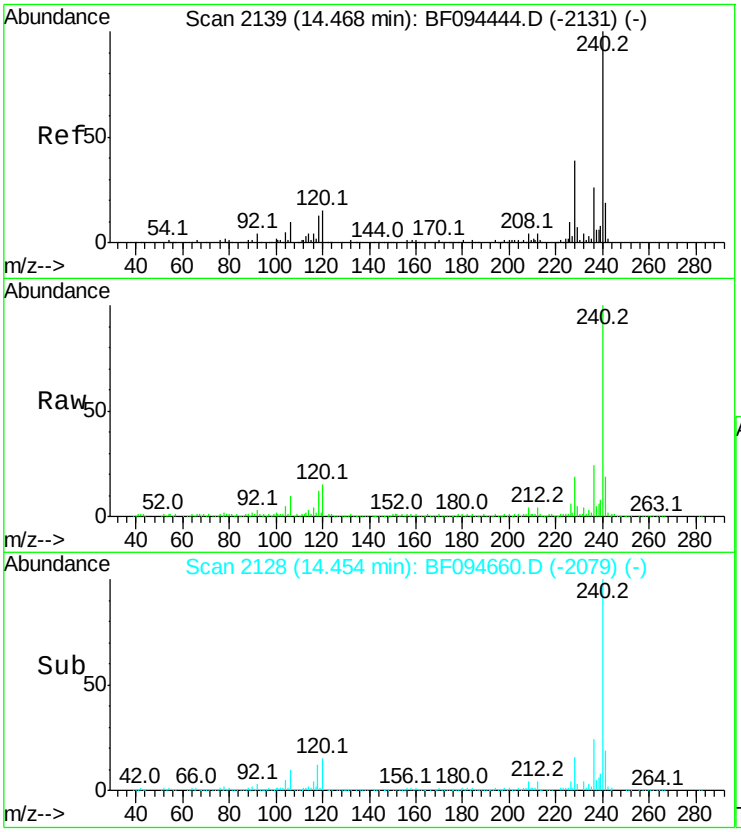


#74
Fluoranthene
Concen: 20.75 ng
RT: 12.70 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Tgt Ion:202 Resp: 442092

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	17.4	0.0	38.1



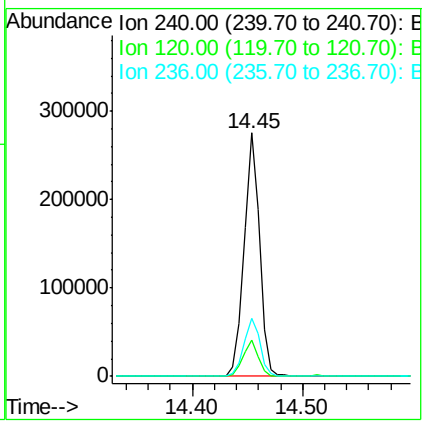


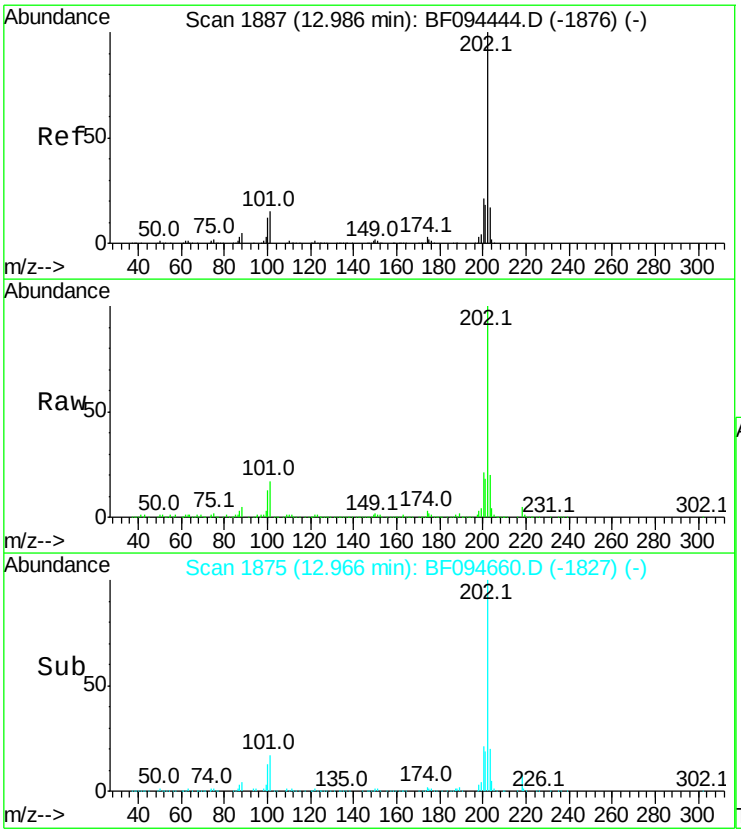
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 274691

Ion	Ratio	Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	24.1	20.5	30.7

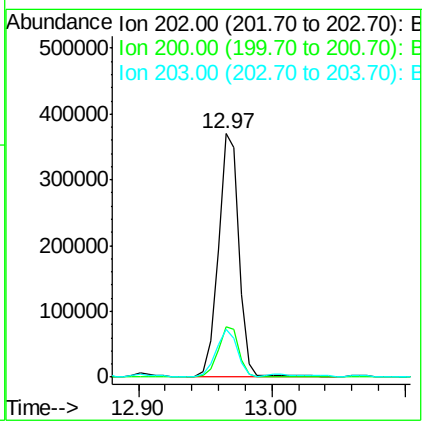


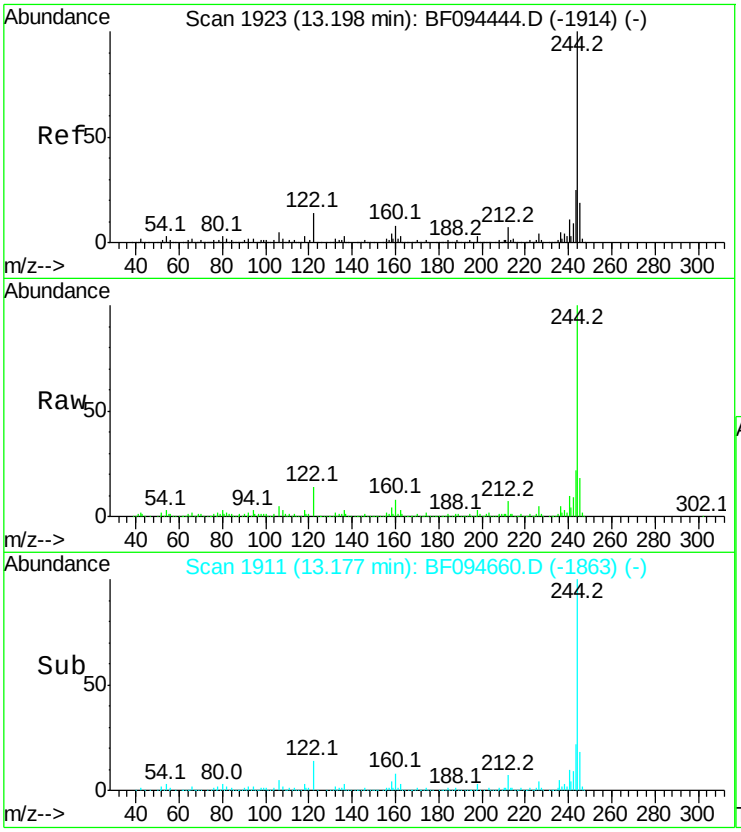


#77
Pyrene
Concen: 20.76 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.02 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Tgt Ion:202 Resp: 398456

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.6	26.4
203	19.6	14.4	21.6



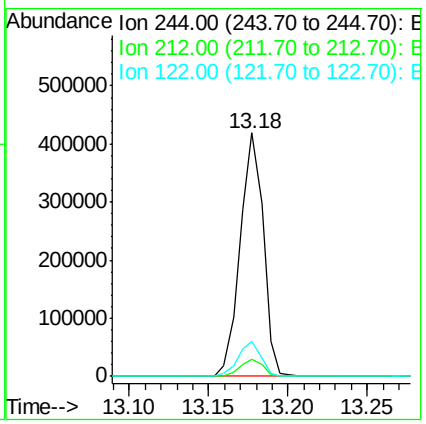


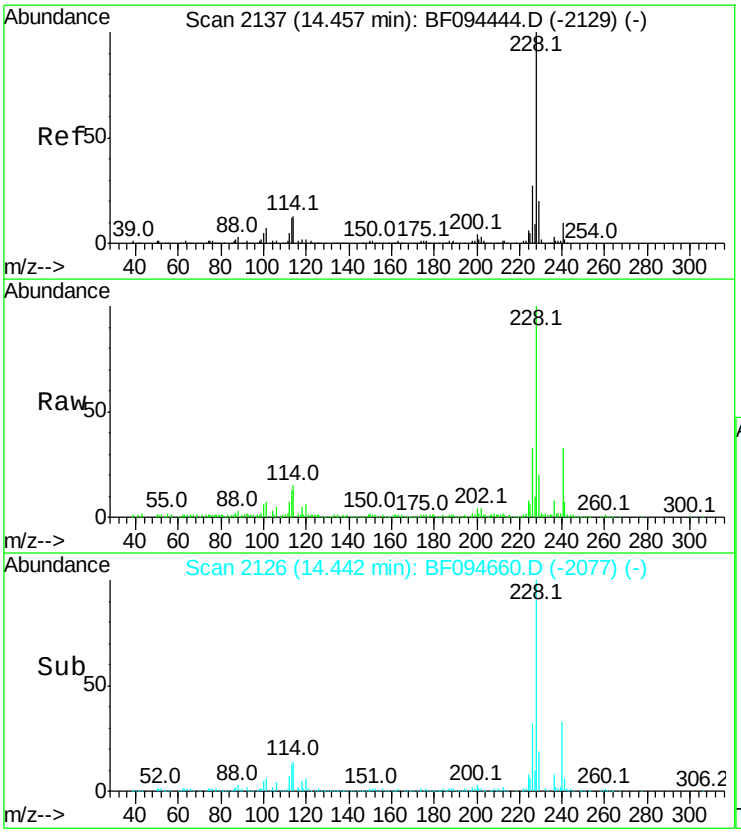
#78
Terphenyl-d14
Concen: 41.08 ng
RT: 13.18 min Scan# 1911
Delta R.T. -0.02 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 422186

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.3	10.3	15.5

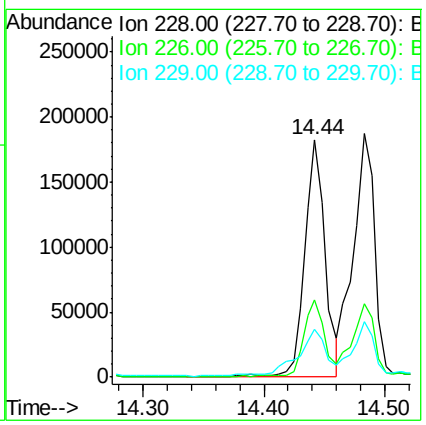


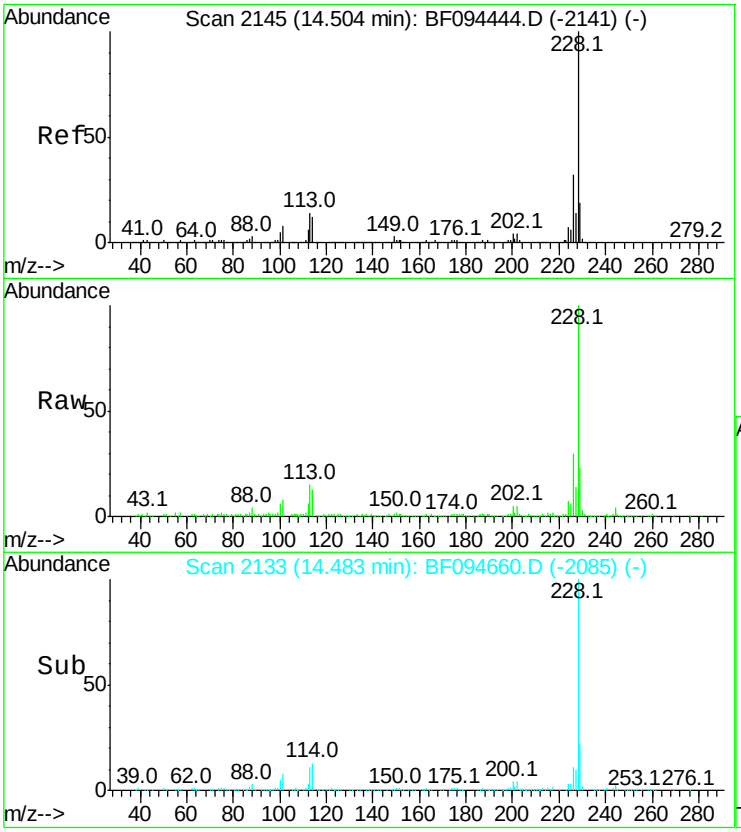


#80
Benzo(a)anthracene
Concen: 13.35 ng
RT: 14.44 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Tgt Ion:228 Resp: 213106

Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.6	33.8
229	20.2	16.3	24.5



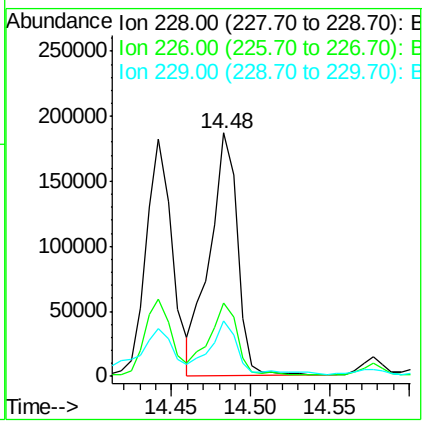


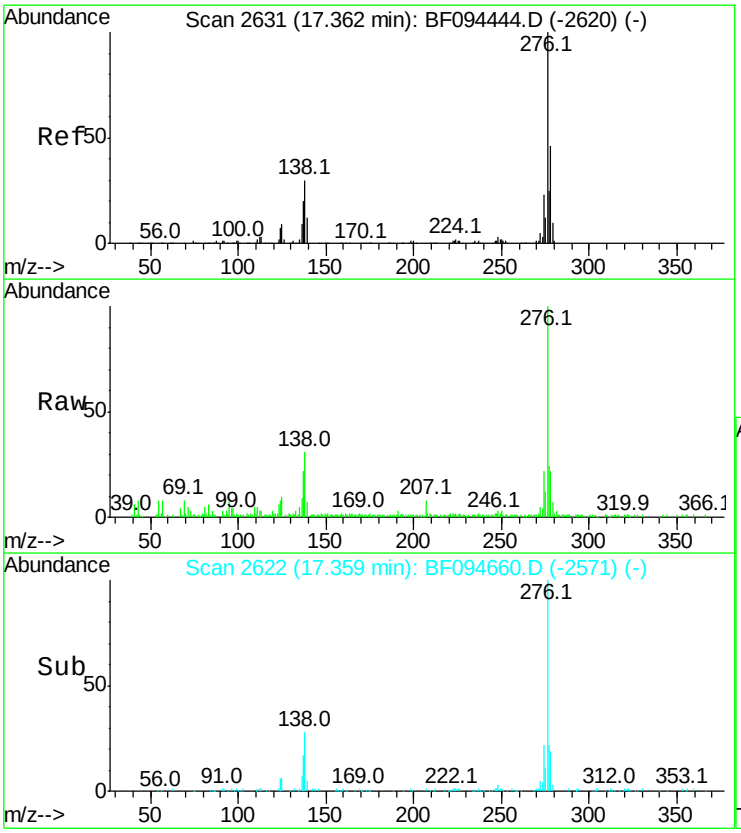
#82
Chrysene
Concen: 15.63 ng
RT: 14.48 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 228128

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	22.5	15.8	23.6

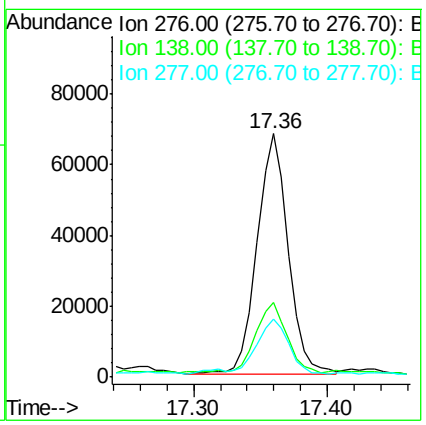


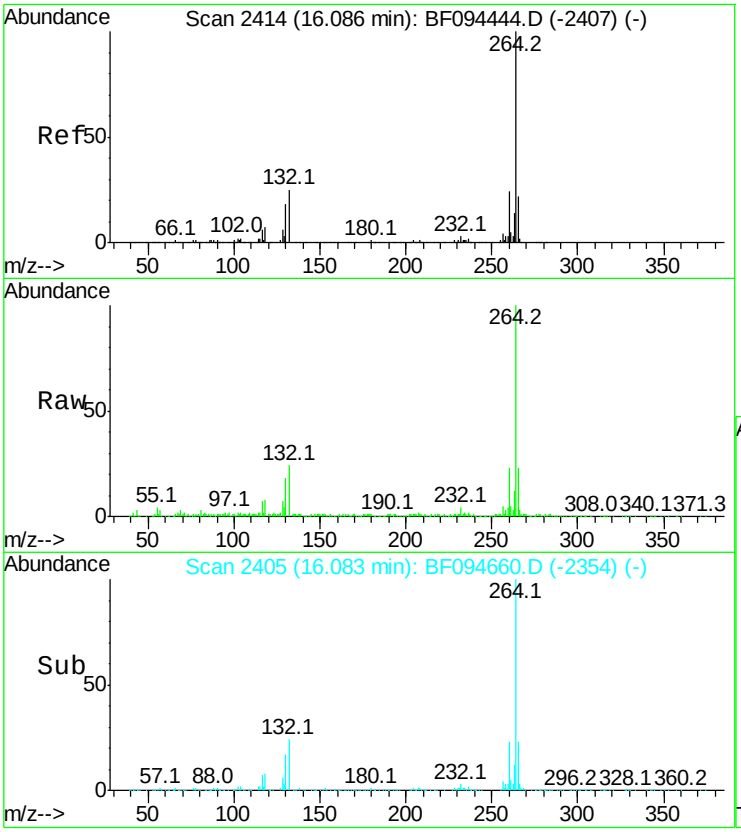


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.86 ng
RT: 17.36 min Scan# 2622
Delta R.T. -0.00 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Tgt Ion:276 Resp: 109108

Ion	Ratio	Lower	Upper
276	100		
138	28.4	27.8	41.6
277	22.9	20.2	30.4



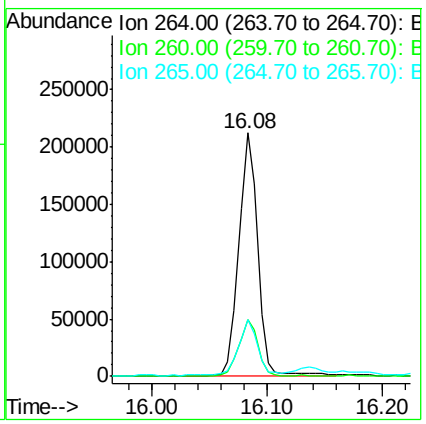


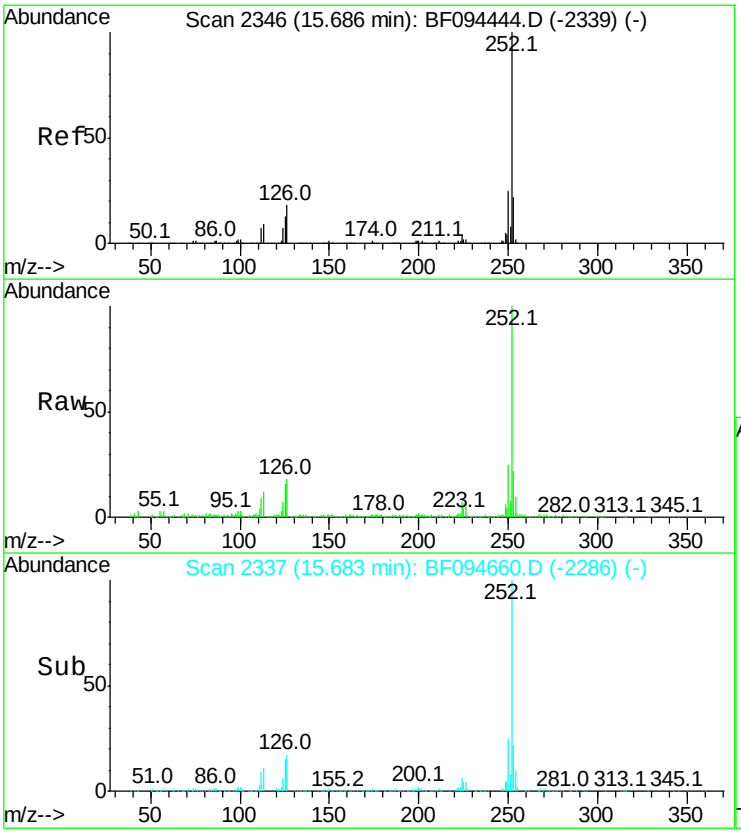
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 244246

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	23.1	17.2	25.8

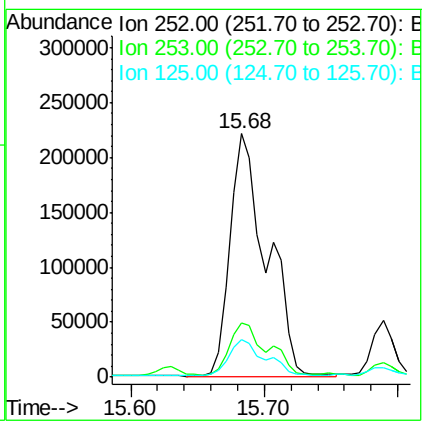


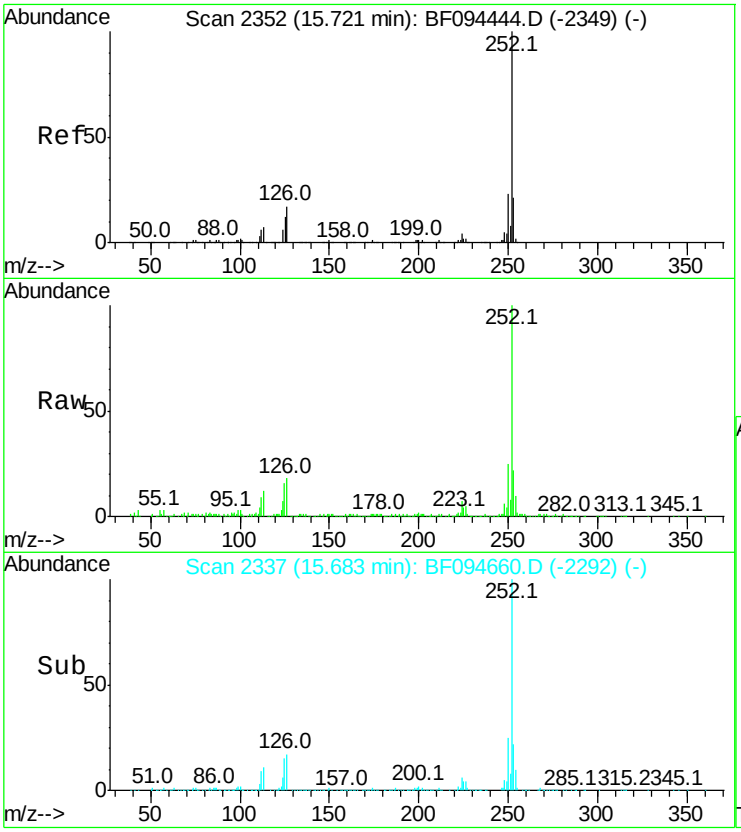


#87
Benzo(b)fluoranthene
Concen: 28.39 ng
RT: 15.68 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Tgt Ion:252 Resp: 424215

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	15.6	9.8	14.8#



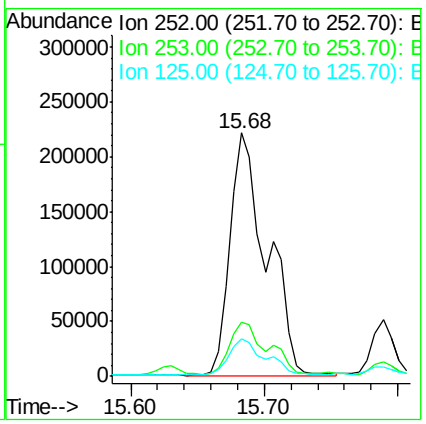


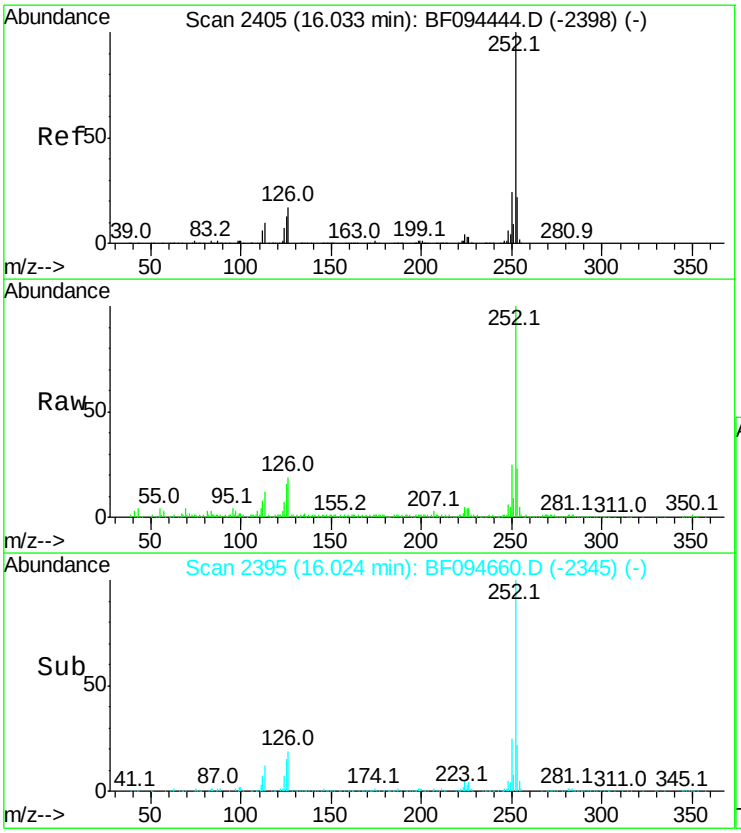
#88
Benzo(k)fluoranthene
Concen: 30.00 ng
RT: 15.68 min Scan# 2337
Delta R.T. -0.04 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 424215

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	15.6	13.1	19.7

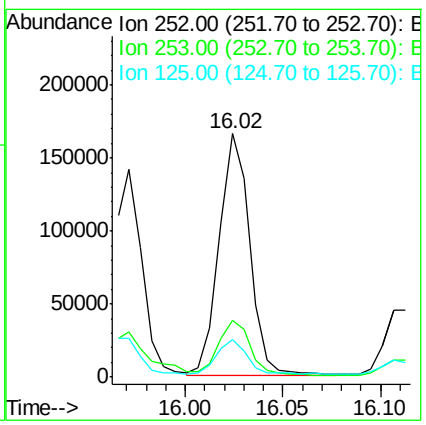


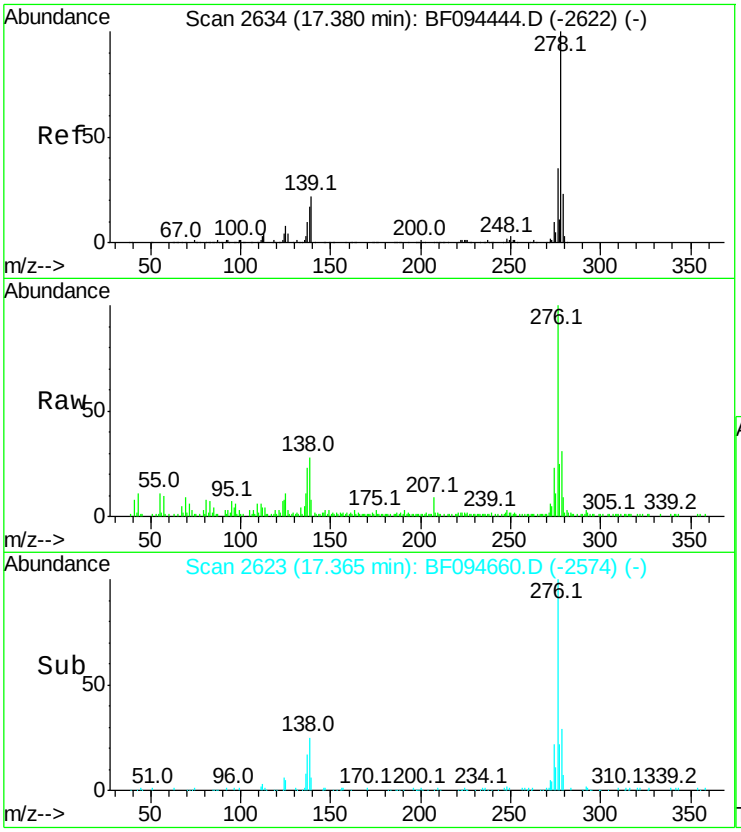


#89
Benzo(a)pyrene
Concen: 12.93 ng
RT: 16.02 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Tgt Ion:252 Resp: 179763

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	15.6	11.0	16.4



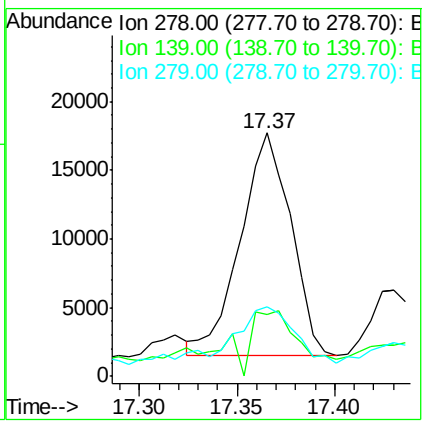


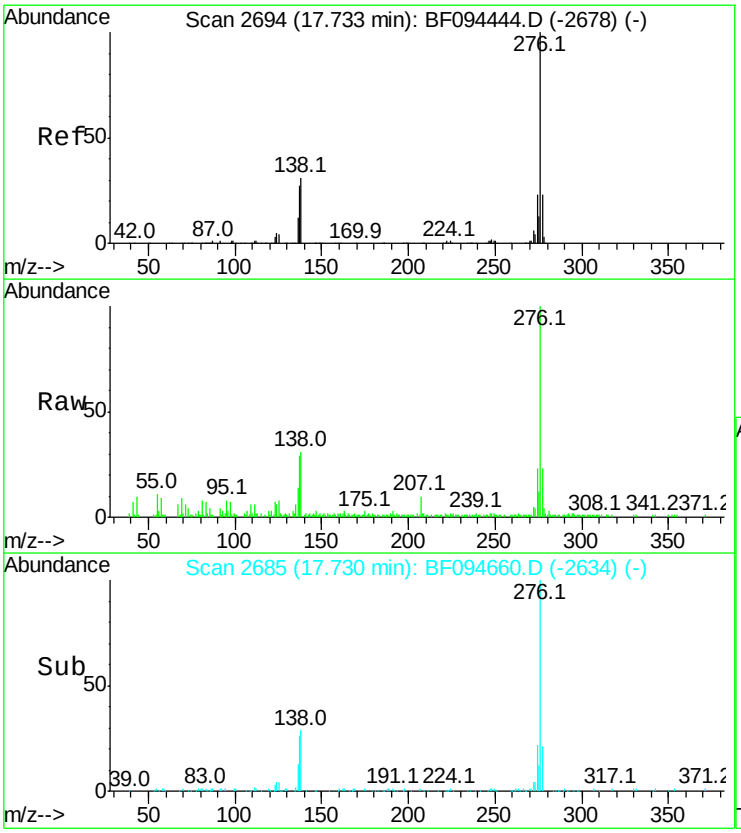
#90
Dibenzo(a,h)anthracene
Concen: 2.52 ng
RT: 17.37 min Scan# 2623
Delta R.T. -0.01 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 29056

Ion	Ratio	Lower	Upper
278	100		
139	25.2	16.6	24.8#
279	28.6	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 8.07 ng
RT: 17.73 min Scan# 2685
Delta R.T. -0.00 min
Lab File: BF094660.D
Acq: 26 Apr 2017 21:17

Tgt Ion:276 Resp: 94819

Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.6	28.0
138	31.0	25.4	38.0