Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094754.D
Acq On : 1 May 2017 16:33
Operator : SJ/MA
Sample : I2927-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 02 01:38:20 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	5.76	152	105718	20.00	ng		0.00
21) Naphthalene-d8	7.25	136	402578	20.00	ng		0.00
38) Acenaphthene-d10	9.39	164	177420	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	268740	20.00	ng		0.00
75) Chrysene-d12	14.47	240	207634	20.00	ng		0.00
86) Perylene-d12	16.09	264	170907	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.33	112	716022	112.37	ng		0.03
7) Phenol-d6	5.40	99	880885	117.26	ng		0.00
23) Nitrobenzene-d5	6.41	82	550139	84.38	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	150213	108.24	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	919678	76.27	ng		0.00
78) Terphenyl-d14	13.19	244	553767	71.29	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	5.52	77	15606	2.73	ng		83
10) Phenol	5.41	94	18642	2.02	ng		95
19) n-Nitroso-di-n-propylamine	6.41	70	70554	14.17	ng	#	78
49) Dimethylphthalate	9.08	163	351570	26.59	ng		99
56) 2,4-Dinitrotoluene	9.39	165	23281	6.39	ng	#	31
70) Phenanthrene	11.24	178	110612	7.31	ng		98
74) Fluoranthene	12.71	202	145207	9.26	ng		97
77) Pyrene	12.98	202	127358	8.78	ng		96
80) Benzo(a)anthracene	14.45	228	58456	4.84	ng		99
82) Chrysene	14.49	228	56049	5.08	ng		97
83) Bis(2-ethylhexyl)phthalate	14.51	149	29340	3.44	ng		98
85) Indeno(1,2,3-cd)pyrene	17.39	276	23561	2.25	ng		93
87) Benzo(b)fluoranthene	15.69	252	87016	8.32	ng	#	92
88) Benzo(k)fluoranthene	15.69	252	87016	8.79	ng		96
89) Benzo(a)pyrene	16.04	252	43730	4.50	ng	#	90
91) Benzo(g,h,i)perylene	17.77	276	23373	2.84	ng	#	94

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

Quantitation Report (Not Reviewed)

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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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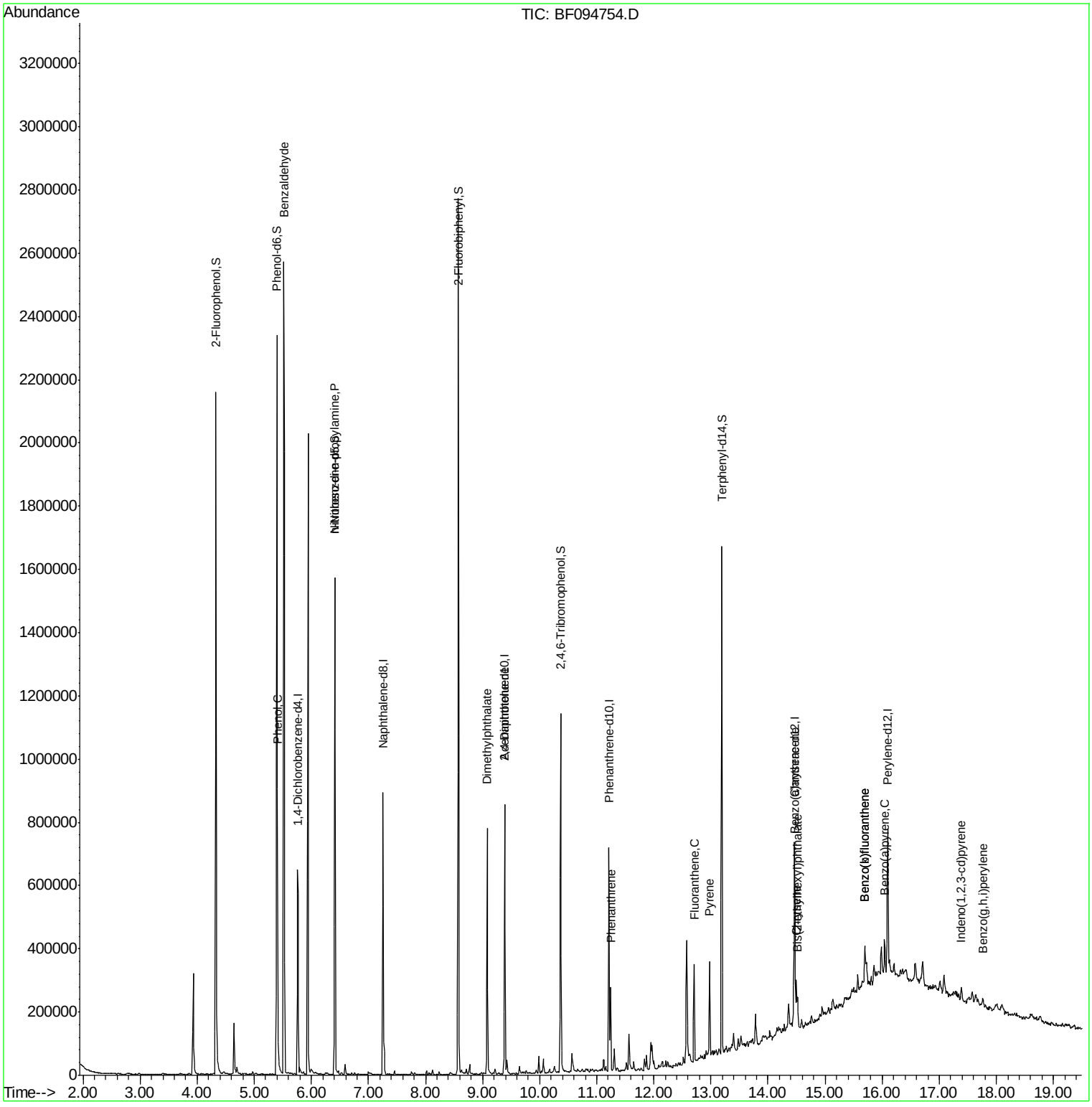
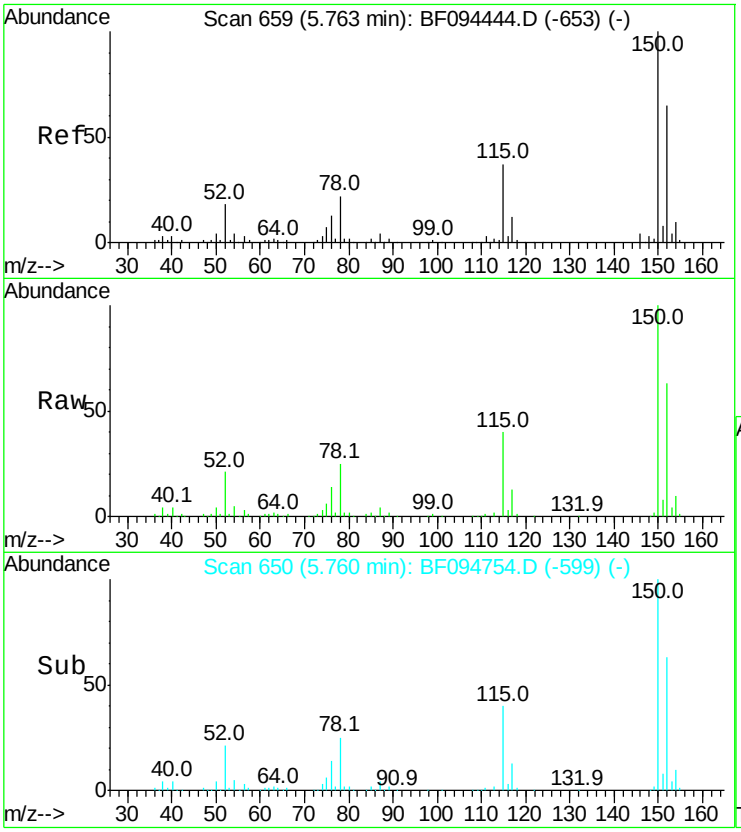


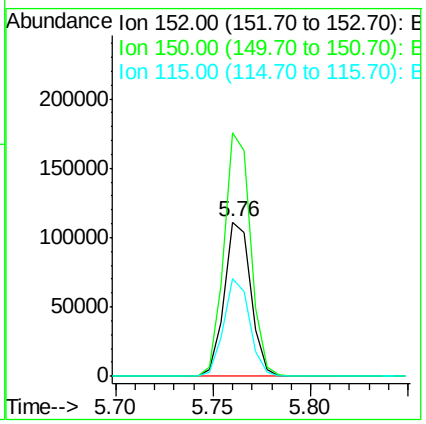


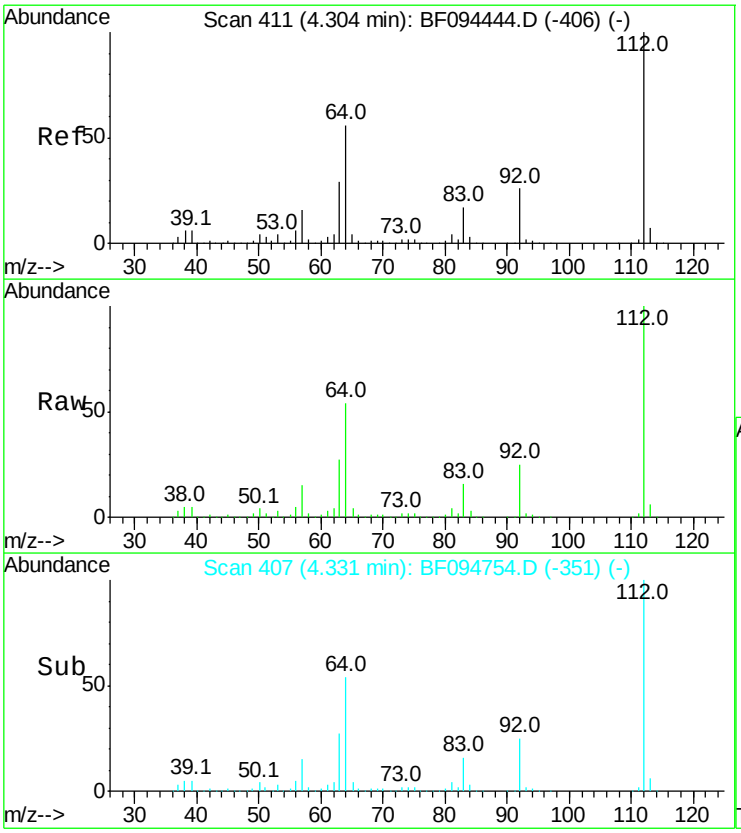
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 105718

Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.2	189.2
115	63.3	52.2	78.2

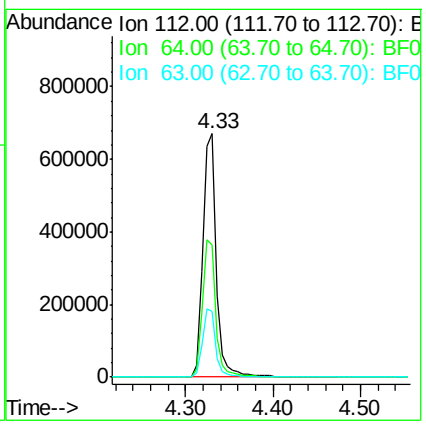


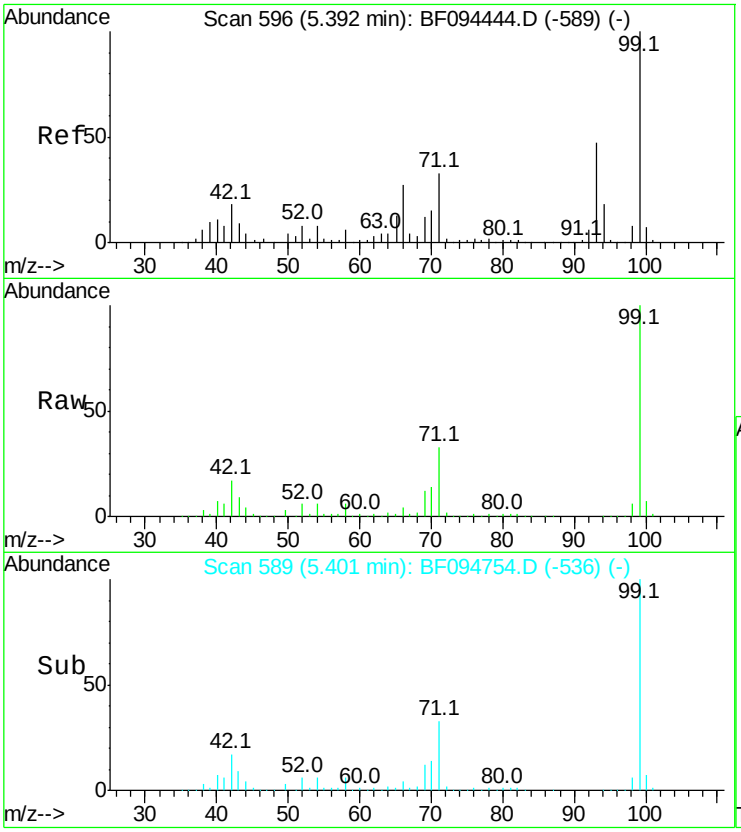


#5
2-Fluorophenol
Concen: 112.37 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Tgt Ion:112 Resp: 716022

Ion	Ratio	Lower	Upper
112	100		
64	54.3	46.0	69.0
63	26.8	23.4	35.0



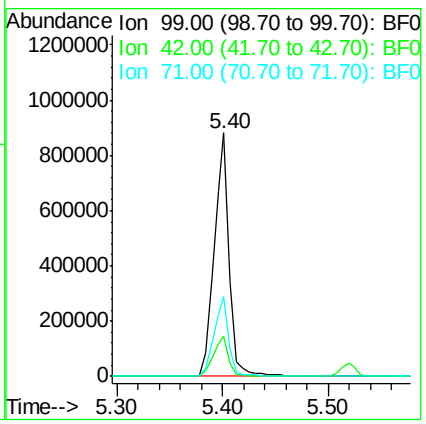


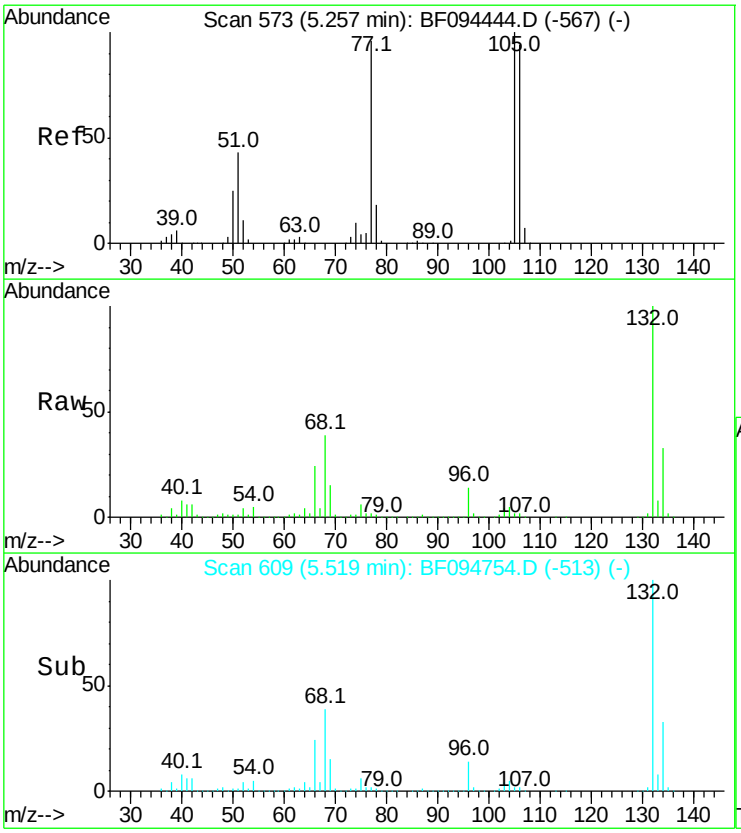
#7
Phenol-d6
Concen: 117.26 ng
RT: 5.40 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 880885

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	32.7	24.5	36.7

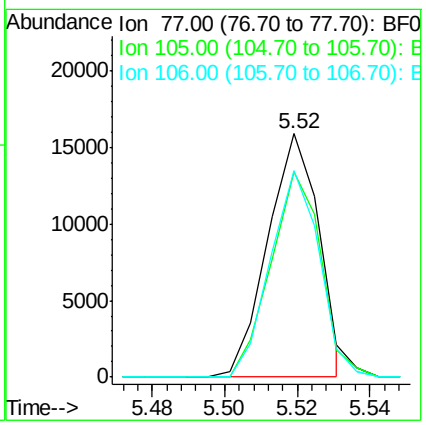


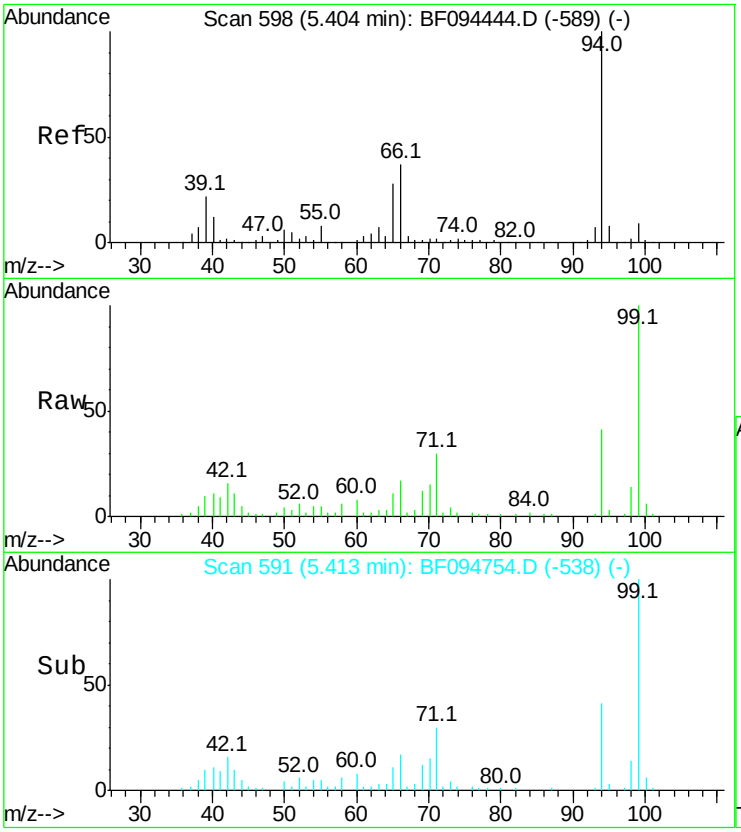


#9
Benzaldehyde
Concen: 2.73 ng
RT: 5.52 min Scan# 609
Delta R.T. 0.26 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Tgt Ion: 77 Resp: 15606

Ion	Ratio	Lower	Upper
77	100		
105	84.2	83.8	123.8
106	84.6	79.1	119.1



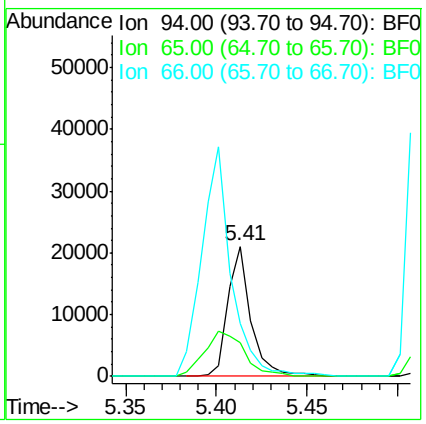


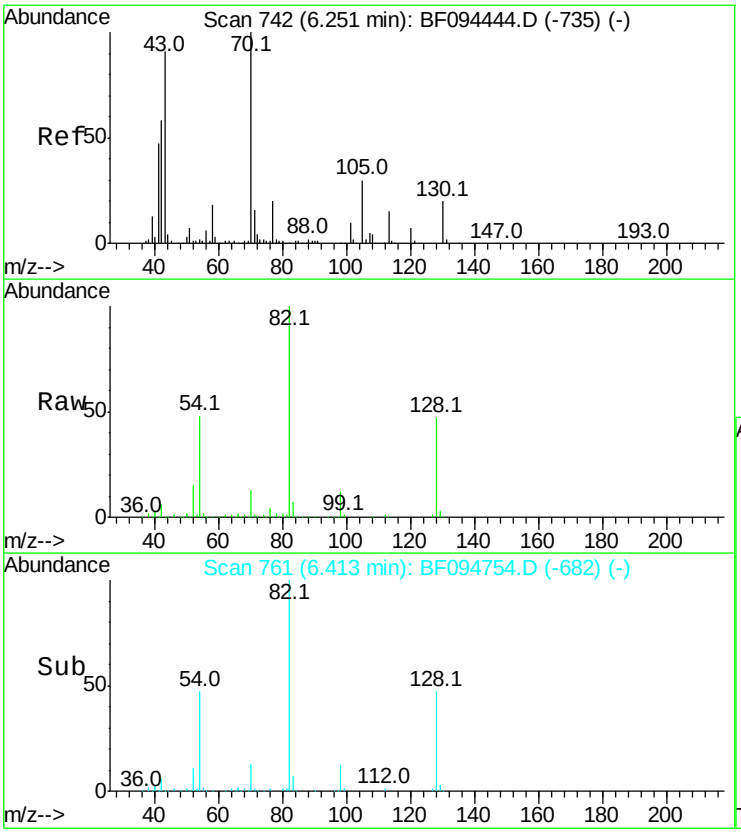
#10
Phenol
Concen: 2.02 ng
RT: 5.41 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 18642

Ion	Ratio	Lower	Upper
94	100		
65	26.4	9.9	49.9
66	40.9	23.1	63.1

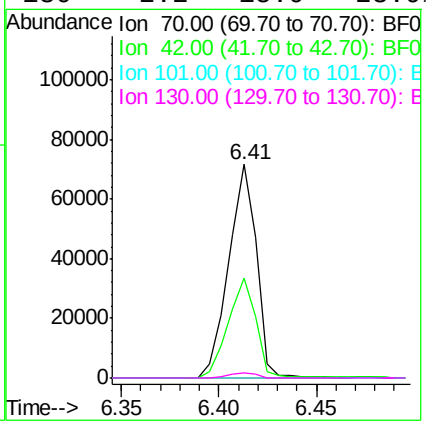


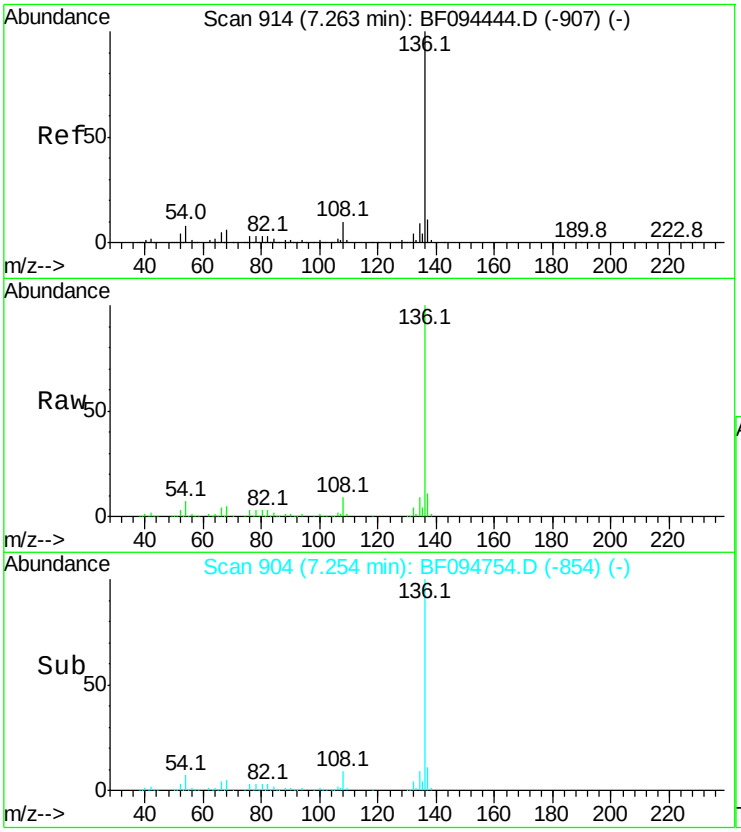


#19
n-Nitroso-di-n-propylamine
Concen: 14.17 ng
RT: 6.41 min Scan# 761
Delta R.T. 0.16 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Tgt Ion: 70 Resp: 70554

Ion	Ratio	Lower	Upper
70	100		
42	46.8	47.2	70.8#
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

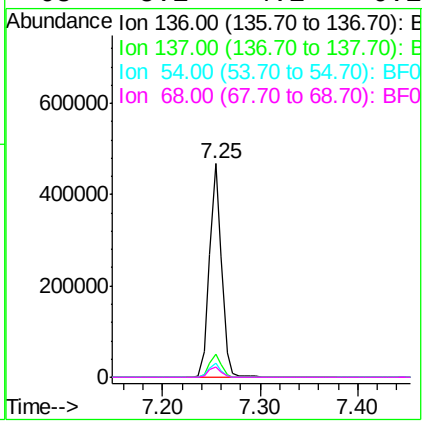




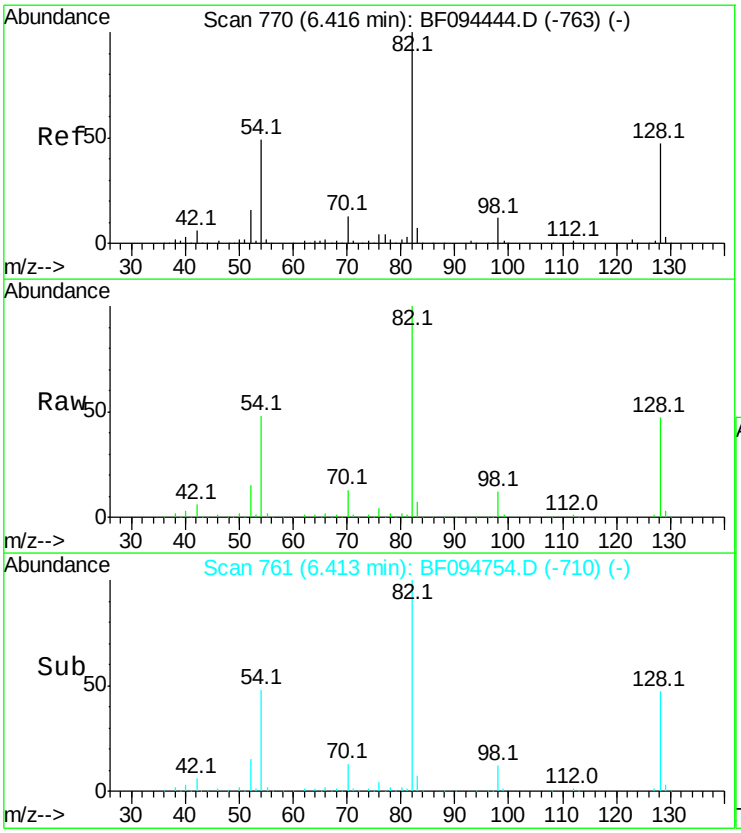
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Tgt Ion:136 Resp: 402578

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.8	4.9	7.3
68	5.1	4.1	6.1



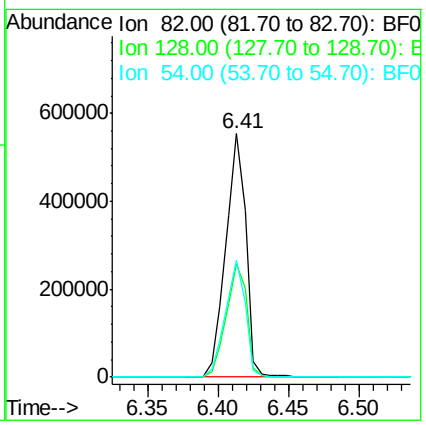
Instrument :
BNA_F
ClientSampleId :

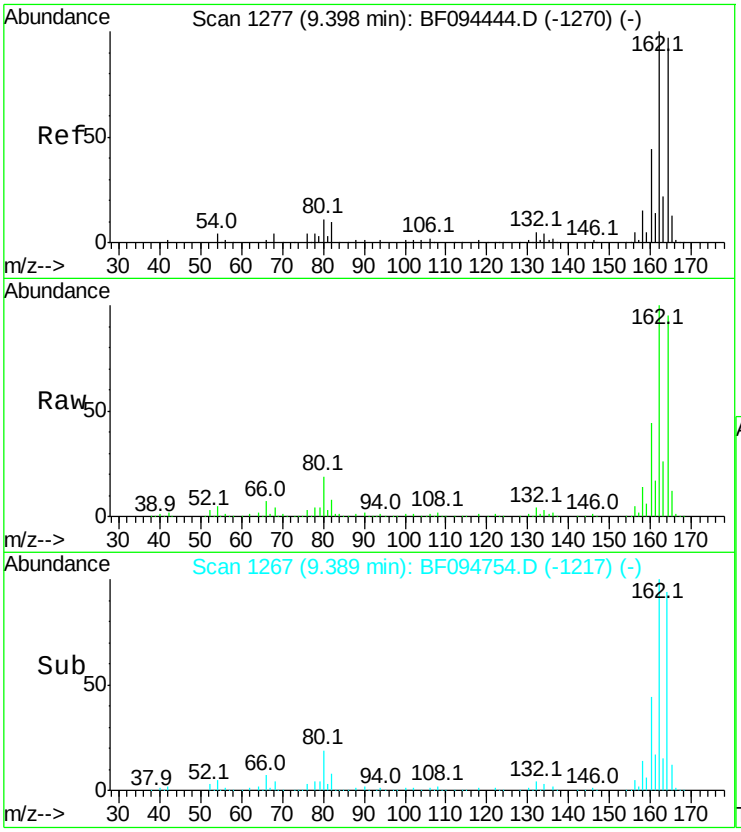


#23
Nitrobenzene-d5
Concen: 84.38 ng
RT: 6.41 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Tgt Ion: 82 Resp: 550139

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	48.1	42.2	63.2



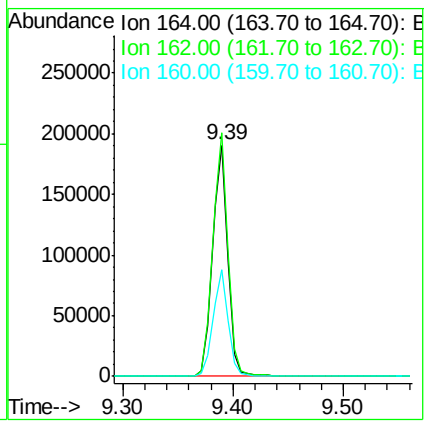


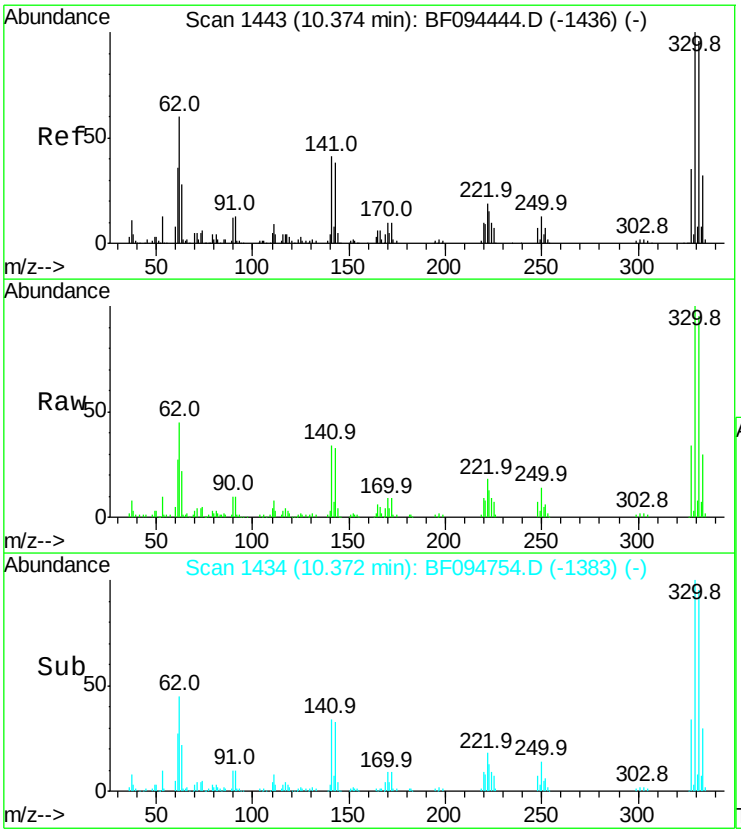
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 177420

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.6	123.8
160	45.9	36.2	54.2

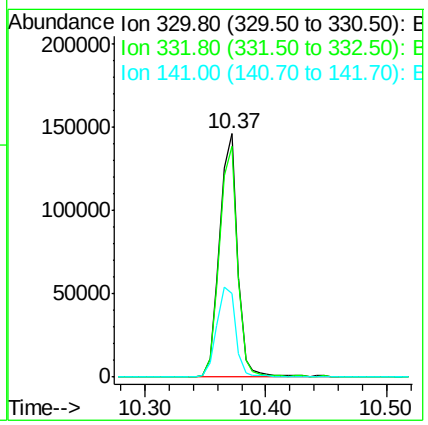


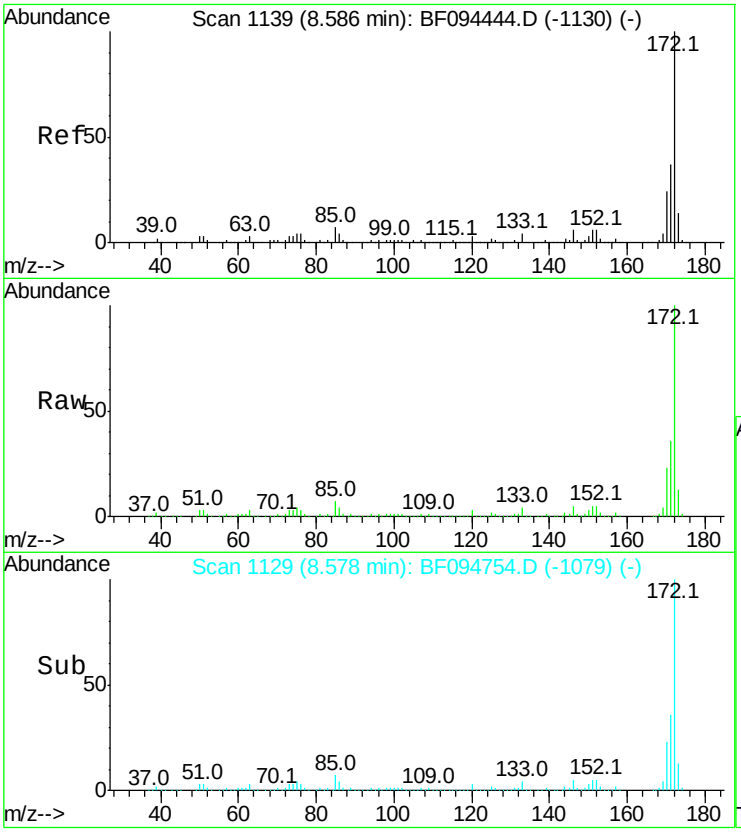


#41
2,4,6-Tribromophenol
Concen: 108.24 ng
RT: 10.37 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Tgt Ion:330 Resp: 150213

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	39.3	31.4	47.2



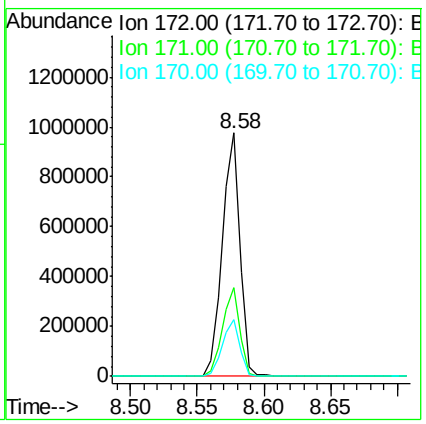


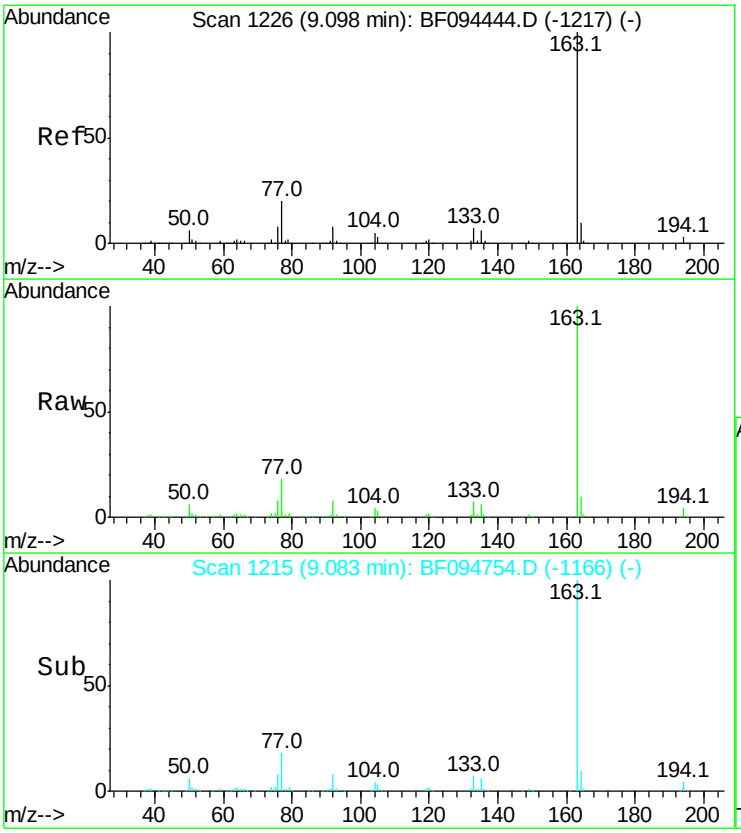
#44
2-Fluorobiphenyl
Concen: 76.27 ng
RT: 8.58 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 919678

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.5	19.8	29.8

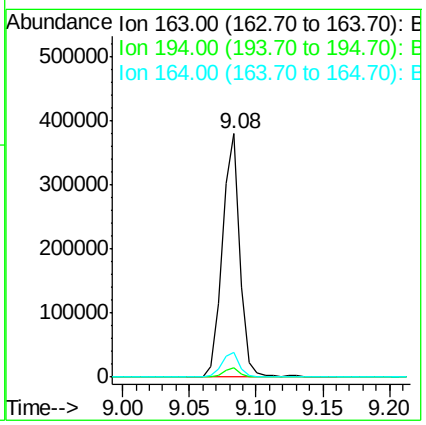


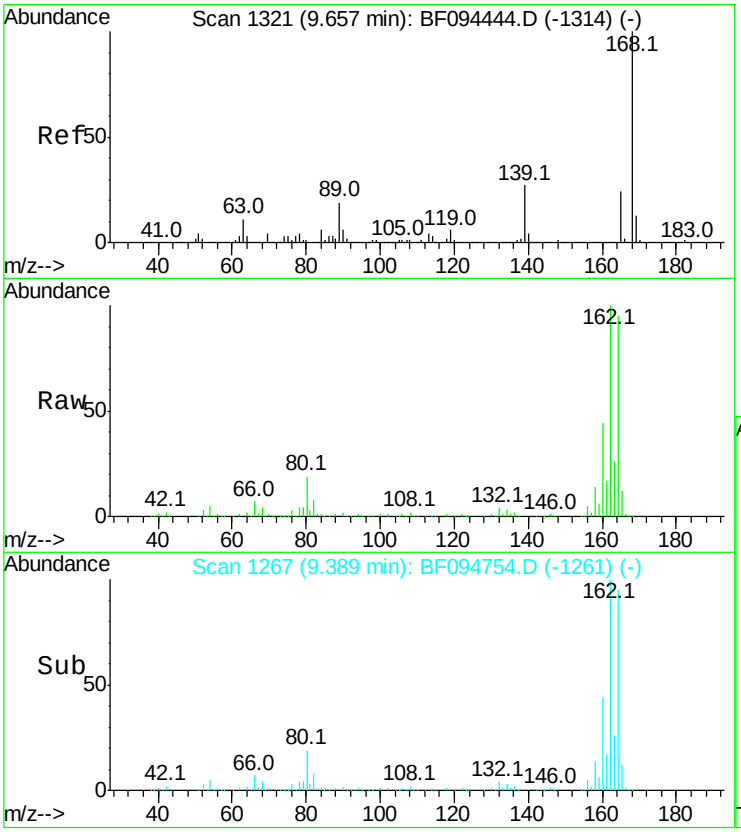


#49
Dimethylphthalate
Concen: 26.59 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Tgt Ion:163 Resp: 351570

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.3	8.4	12.6



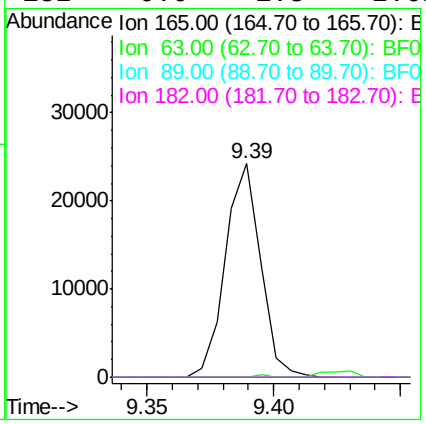


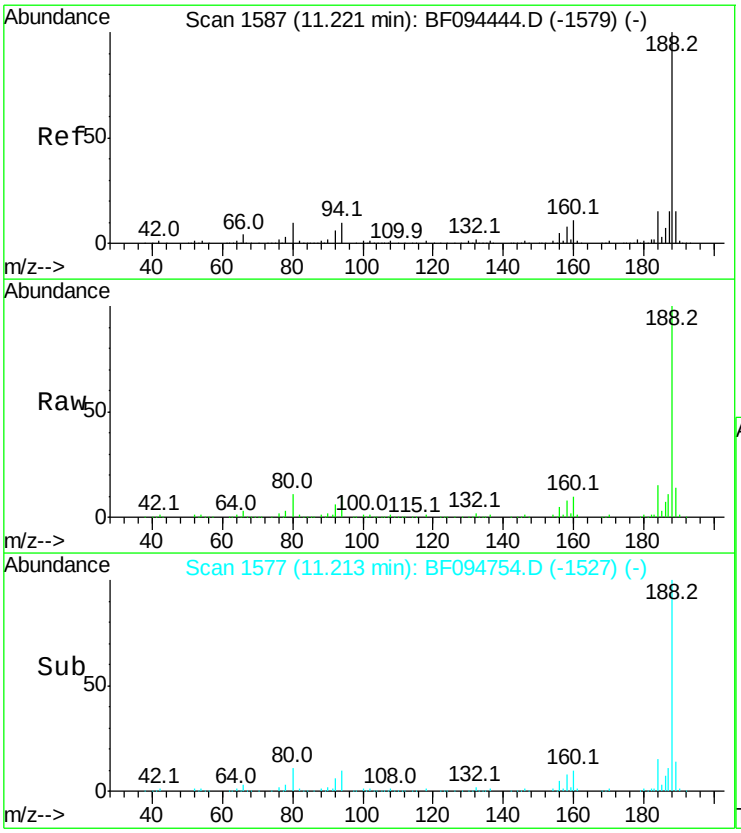
#56
2,4-Dinitrotoluene
Concen: 6.39 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.27 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 23281

Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

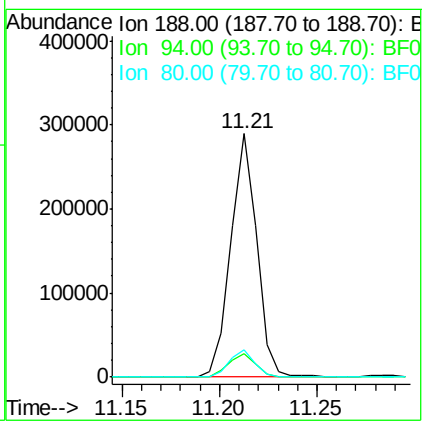


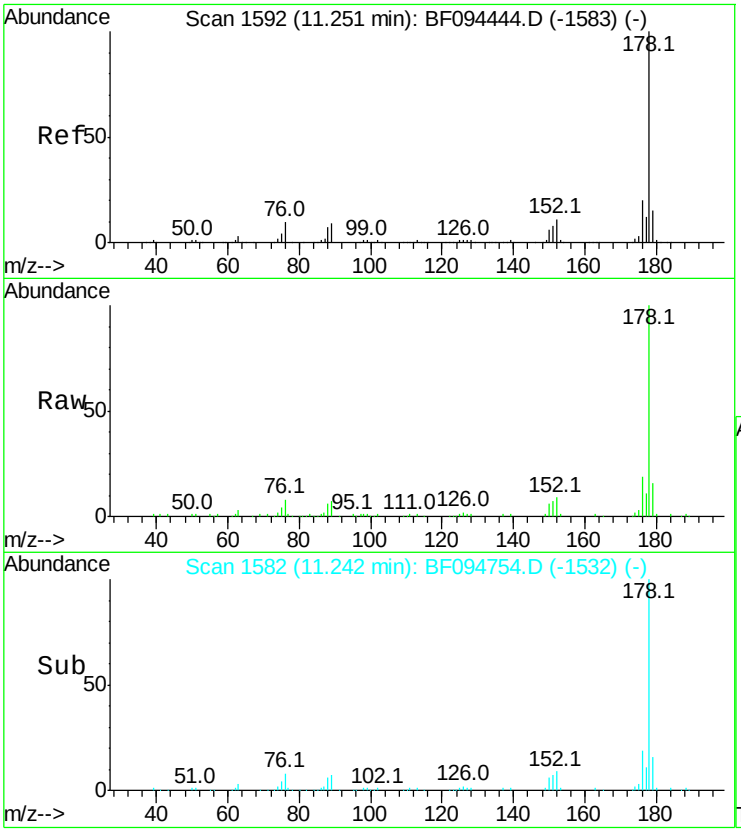


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Tgt Ion:188 Resp: 268740

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.4	14.2
80	11.3	10.2	15.2



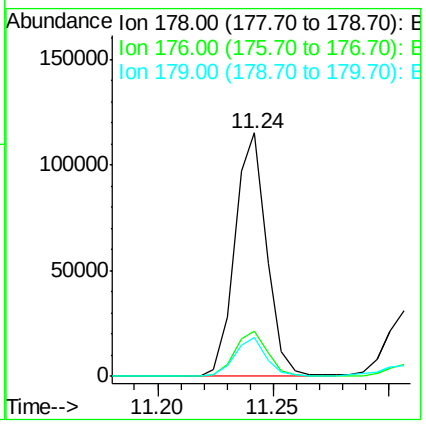


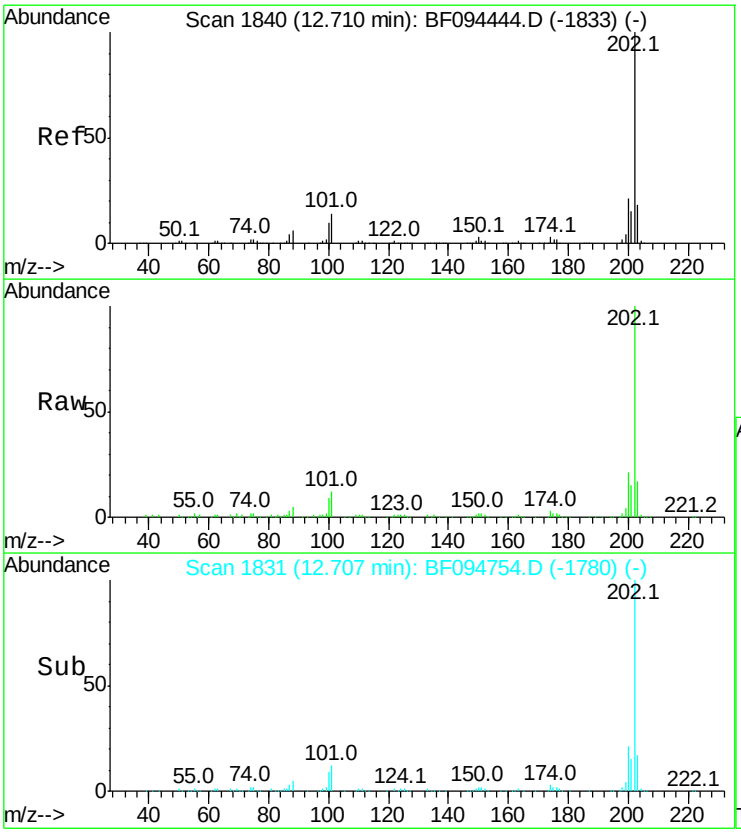
#70
Phenanthrene
Concen: 7.31 ng
RT: 11.24 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 110612

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.4
179	15.7	12.6	19.0

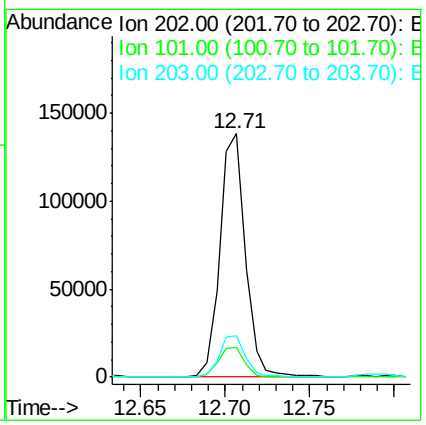


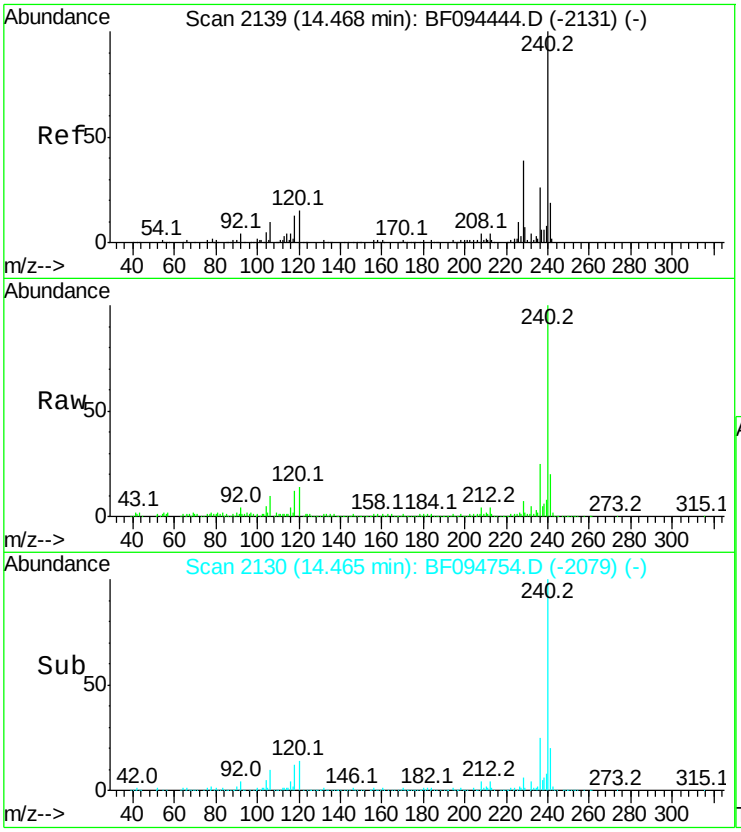


#74
Fluoranthene
Concen: 9.26 ng
RT: 12.71 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Tgt Ion:202 Resp: 145207

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.2
203	16.8	0.0	38.1



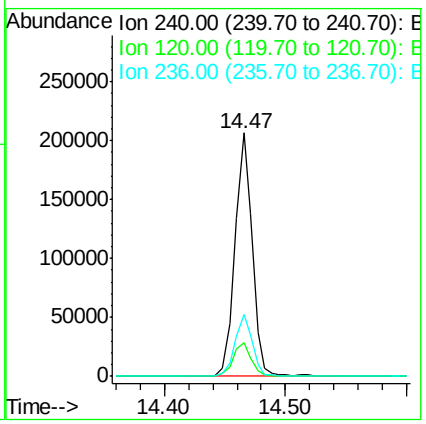


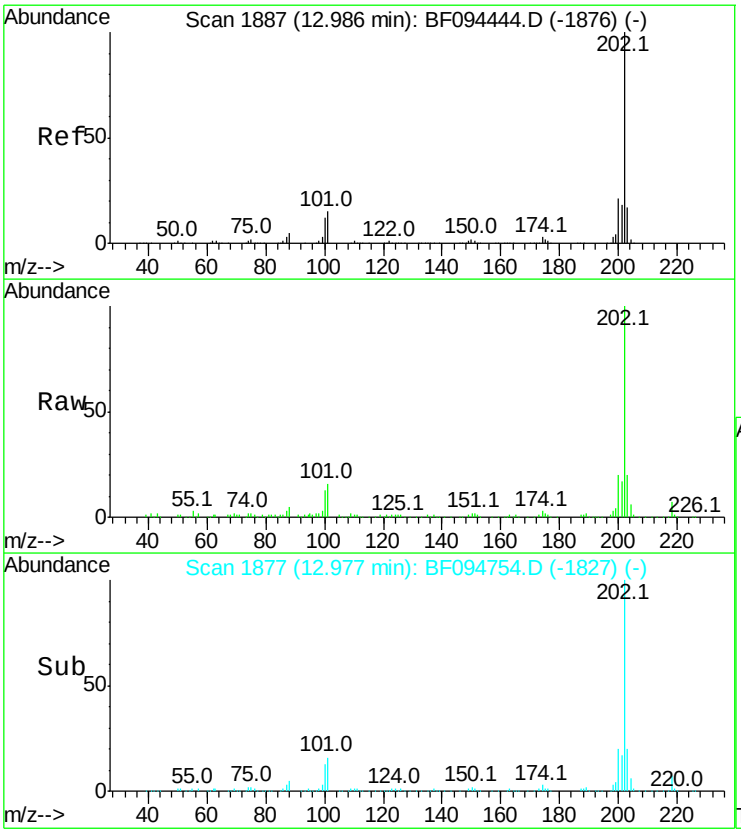
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 207634

Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	25.4	20.5	30.7

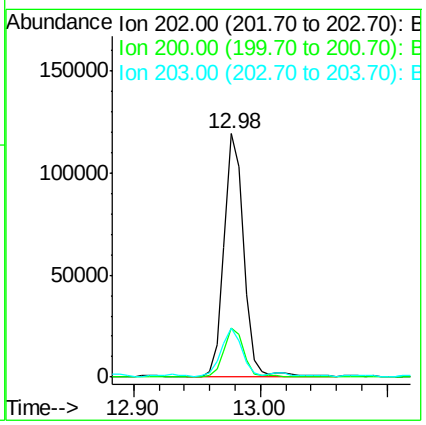


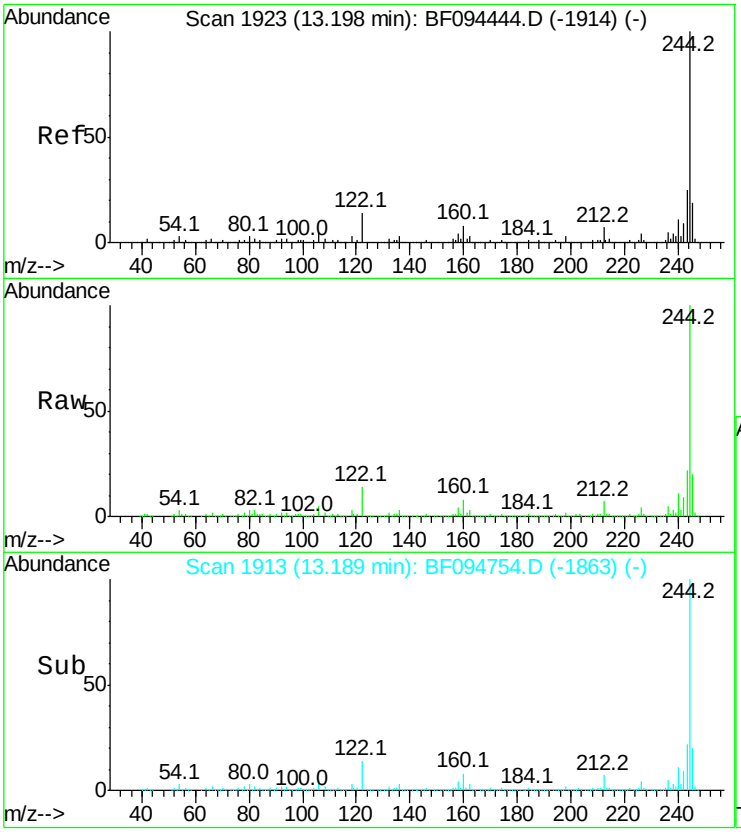


#77
Pyrene
Concen: 8.78 ng
RT: 12.98 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Tgt Ion:202 Resp: 127358

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.6	26.4
203	19.9	14.4	21.6



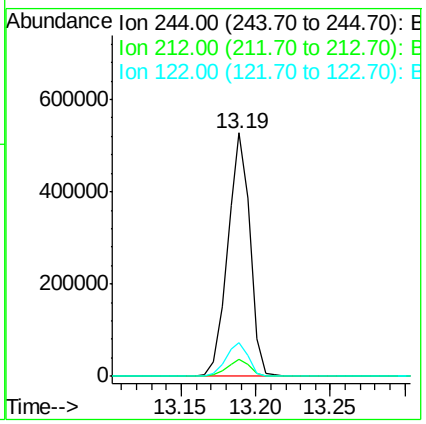


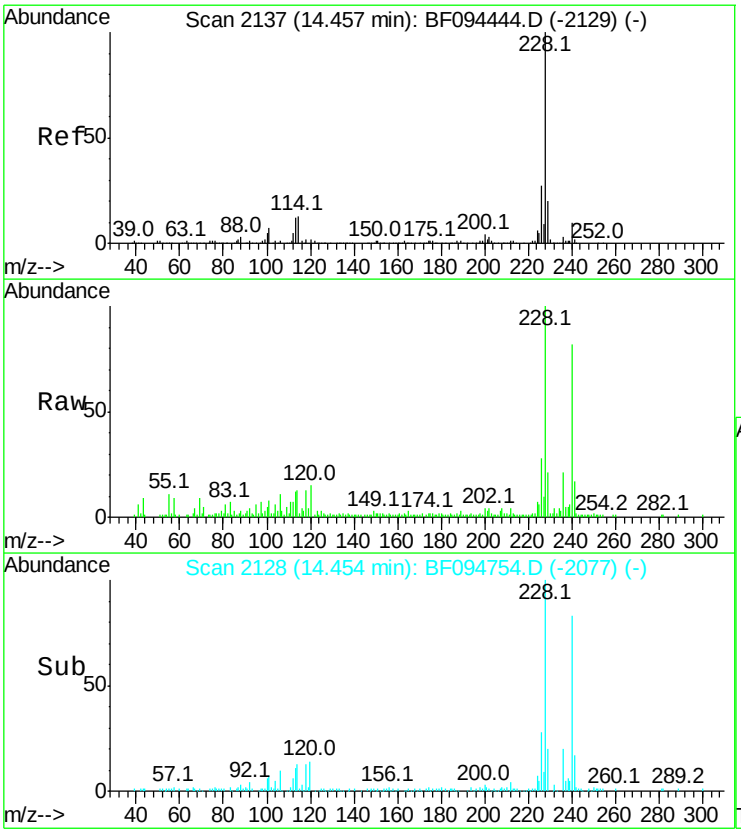
#78
Terphenyl-d14
Concen: 71.29 ng
RT: 13.19 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 553767

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.9	10.3	15.5

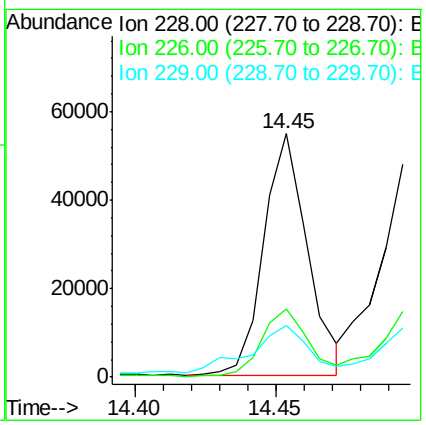


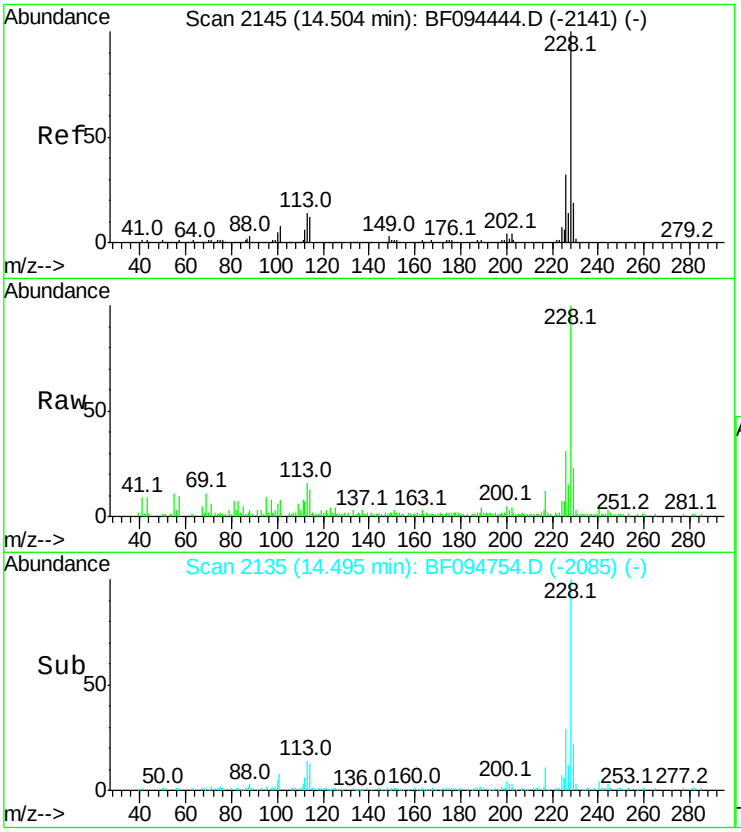


#80
Benzo(a)anthracene
Concen: 4.84 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Tgt Ion:228 Resp: 58456

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	21.1	16.3	24.5



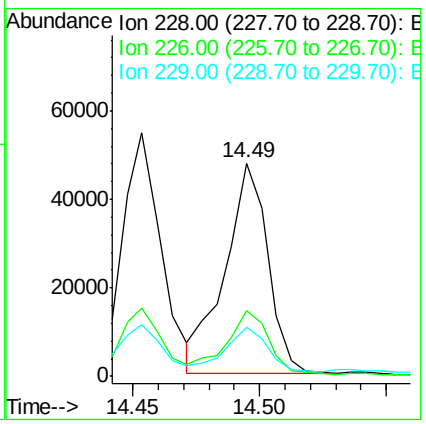


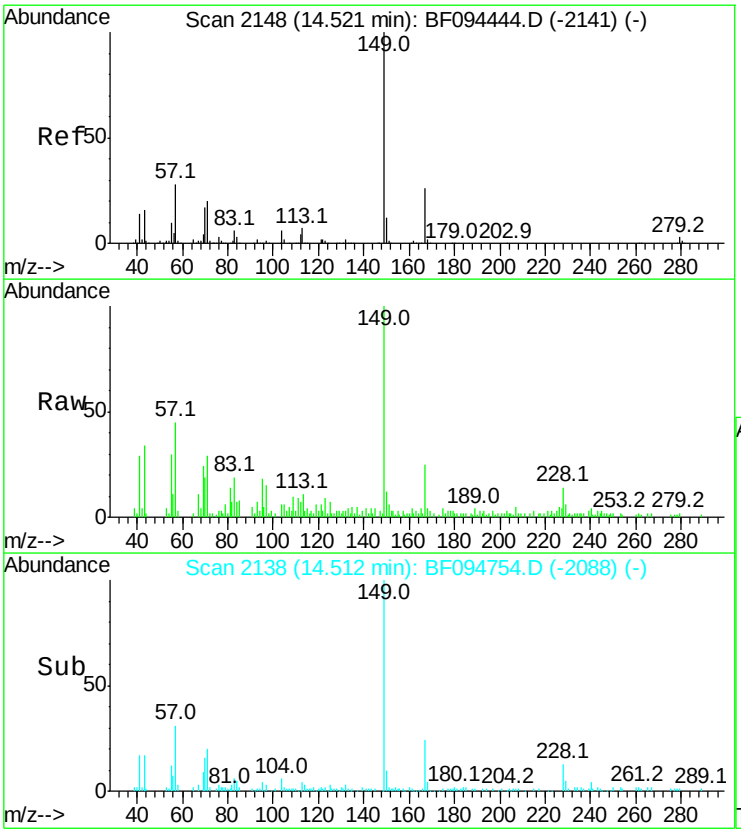
#82
Chrysene
Concen: 5.08 ng
RT: 14.49 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 56049

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	22.7	15.8	23.6

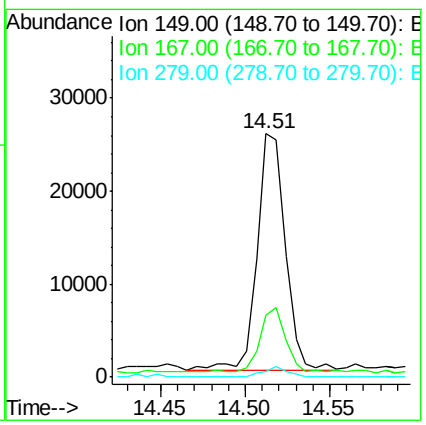


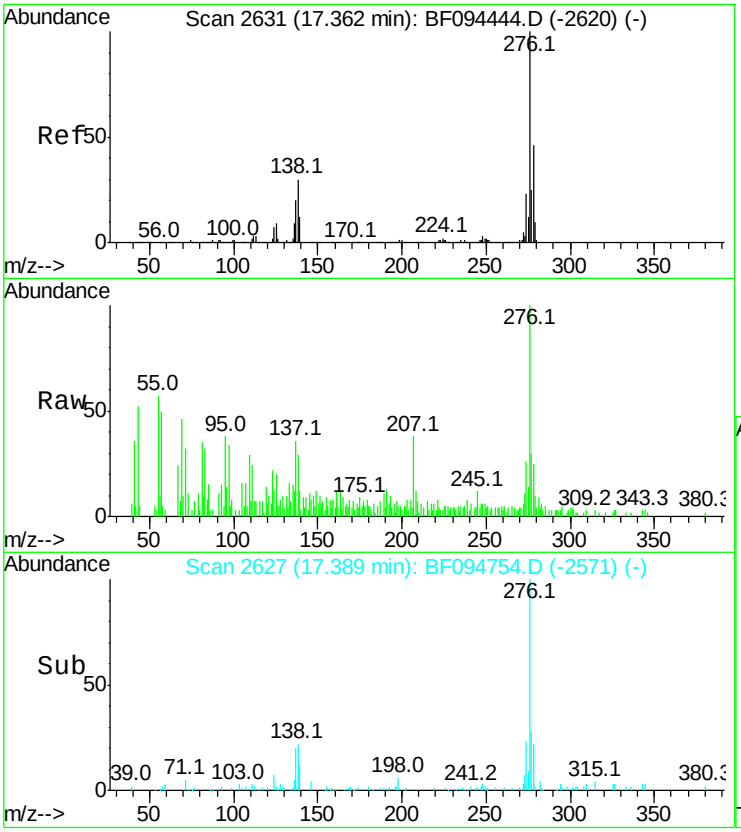


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.44 ng
RT: 14.51 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Tgt Ion:149 Resp: 29340

Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.0	31.4
279	2.2	1.9	2.9



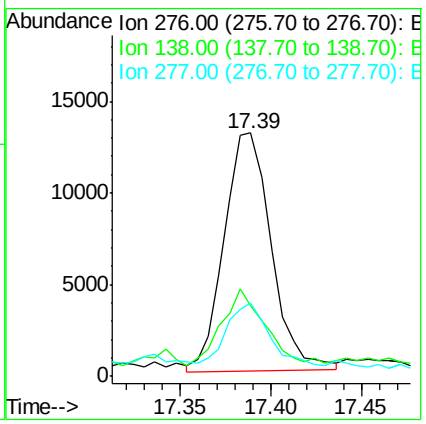


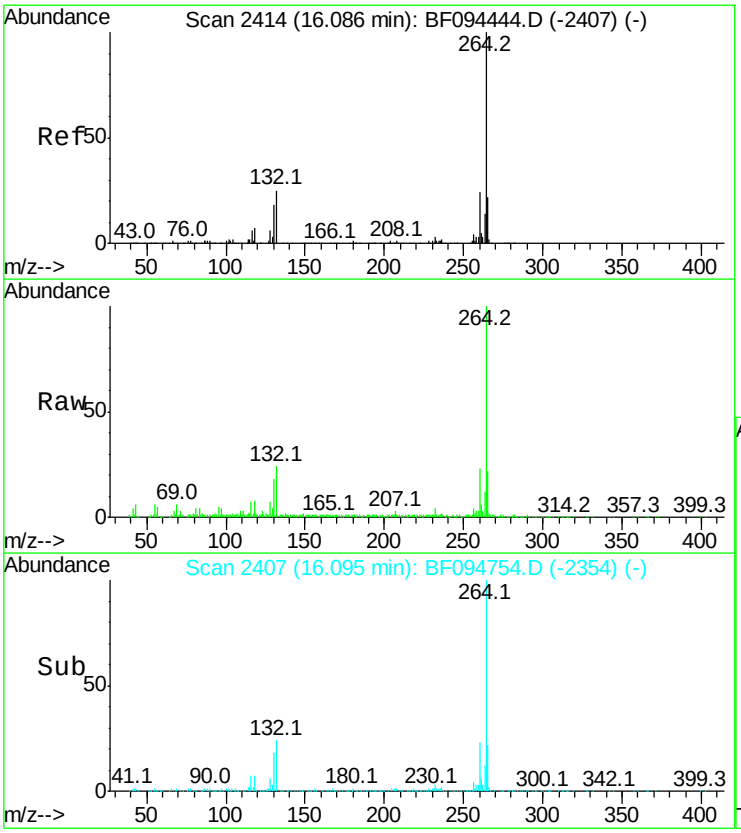
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.25 ng
RT: 17.39 min Scan# 2627
Delta R.T. 0.03 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 23561

Ion	Ratio	Lower	Upper
276	100		
138	29.4	27.8	41.6
277	23.5	20.2	30.4

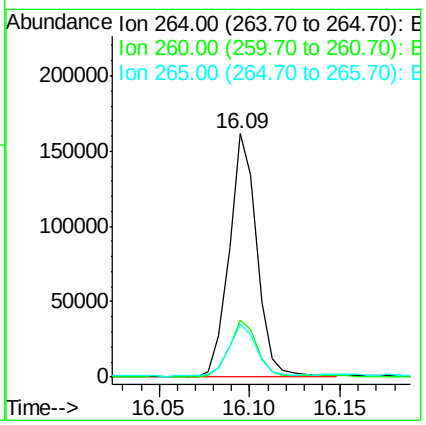


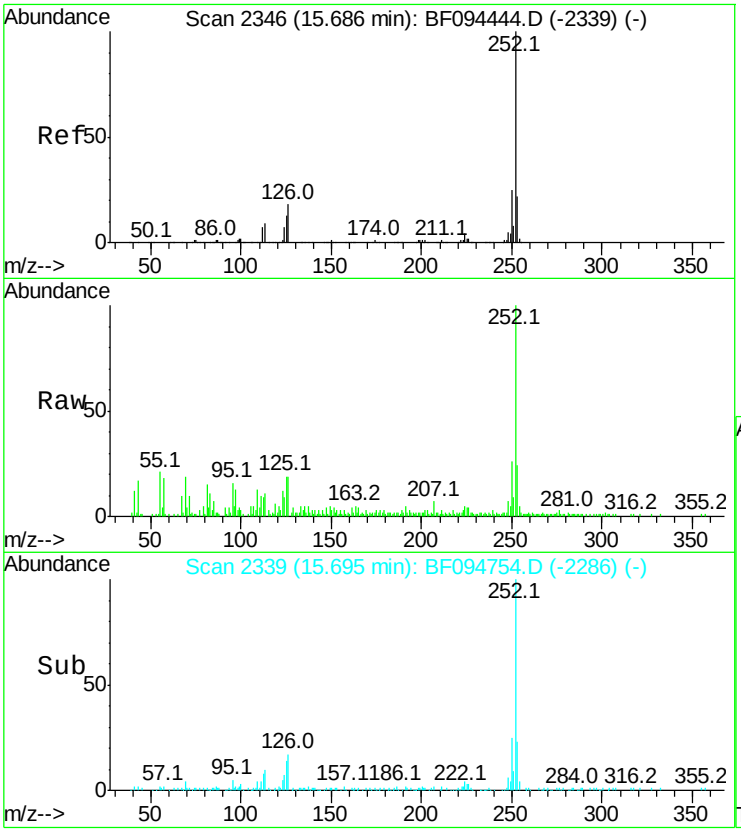


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Tgt Ion:264 Resp: 170907

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.9	17.2	25.8



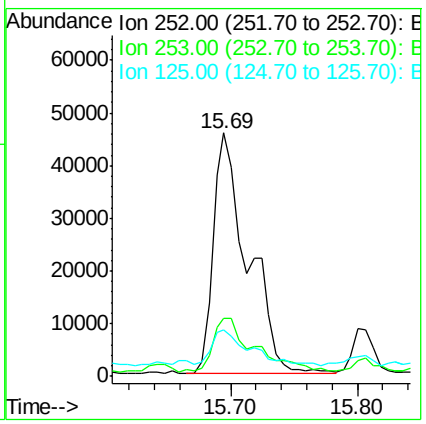


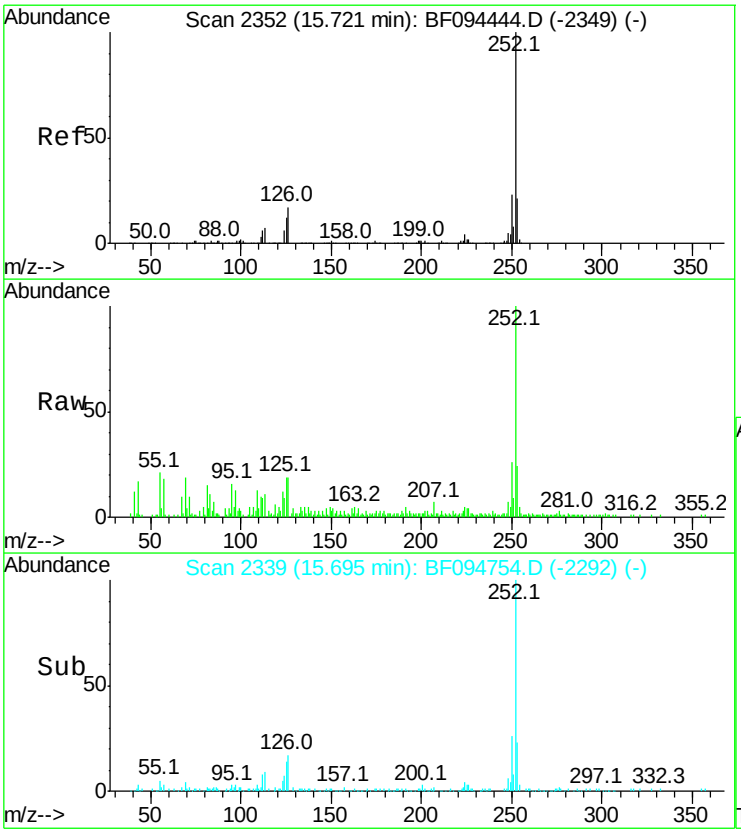
#87
Benzo(b)fluoranthene
Concen: 8.32 ng
RT: 15.69 min Scan# 2339
Delta R.T. 0.01 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 87016

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	19.2	9.8	14.8#

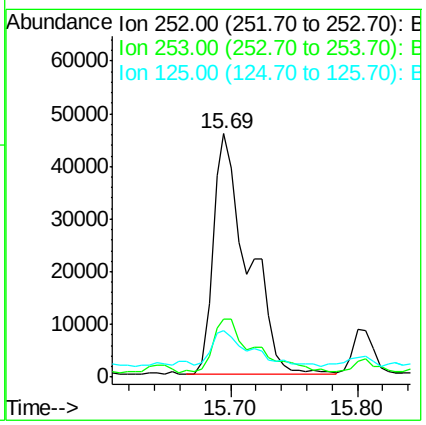


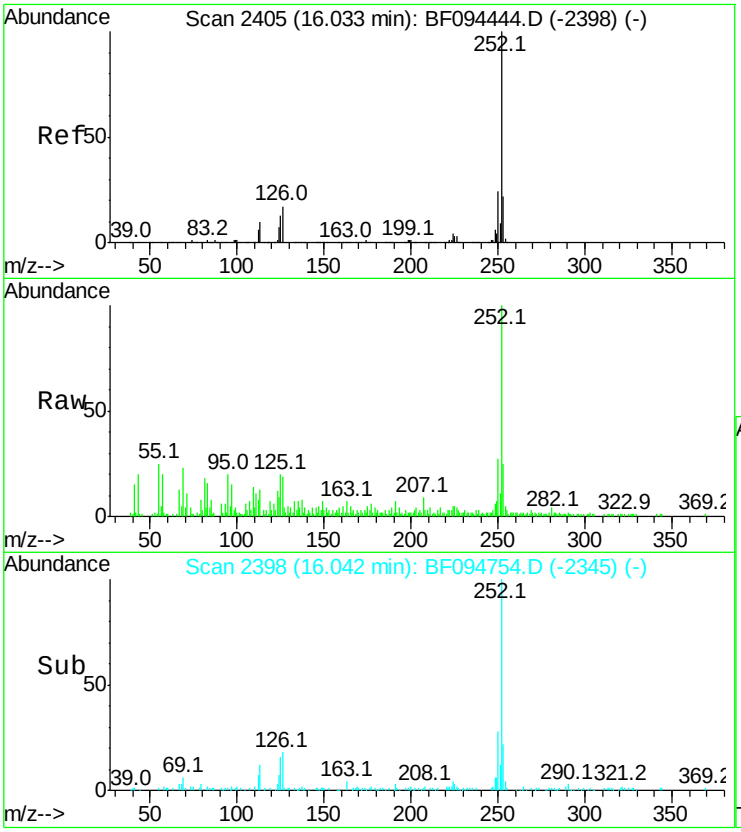


#88
Benzo(k)fluoranthene
Concen: 8.79 ng
RT: 15.69 min Scan# 2339
Delta R.T. -0.03 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Tgt Ion:252 Resp: 87016

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.4	27.6
125	19.2	13.1	19.7



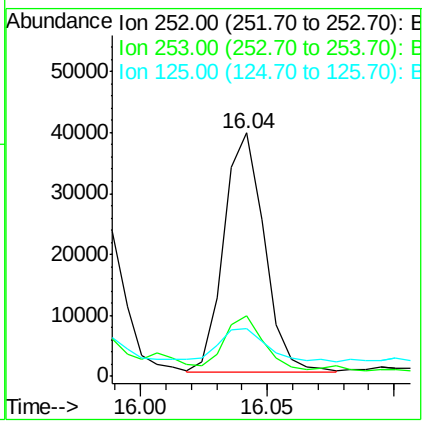


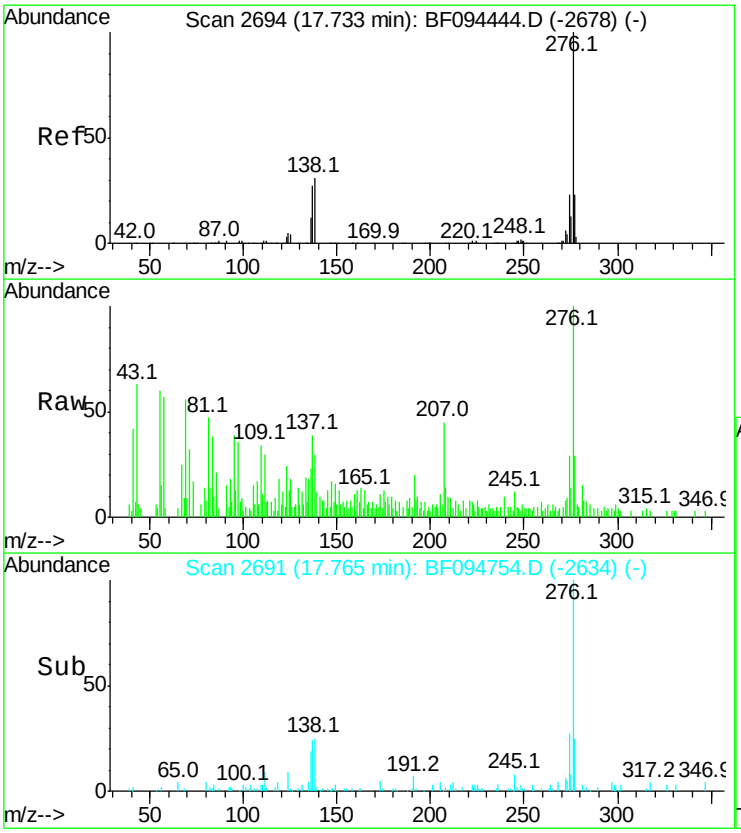
#89
Benzo(a)pyrene
Concen: 4.50 ng
RT: 16.04 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 43730

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	19.9	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.84 ng
RT: 17.77 min Scan# 2691
Delta R.T. 0.03 min
Lab File: BF094754.D
Acq: 1 May 2017 16:33

Tgt Ion:276 Resp: 23373

Ion	Ratio	Lower	Upper
276	100		
277	28.5	18.6	28.0#
138	30.4	25.4	38.0