Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
Data File : BF094128.D
Acq On : 3 Apr 2017 18:38
Operator : SJ/MA
Sample : I2500-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-2

Quant Time: Apr 04 01:05:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.89	152	185732	20.00	ng		-0.02
21) Naphthalene-d8	7.39	136	752388	20.00	ng		-0.02
38) Acenaphthene-d10	9.53	164	328736	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	546822	20.00	ng		-0.02
75) Chrysene-d12	14.60	240	354269	20.00	ng		-0.02
86) Perylene-d12	16.24	264	316968	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.43	112	1113446	101.25	ng		0.00
7) Phenol-d6	5.50	99	1421908	104.52	ng		-0.01
23) Nitrobenzene-d5	6.54	82	887872	67.35	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	282841	108.88	ng		-0.02
44) 2-Fluorobiphenyl	8.72	172	1543947	71.64	ng		-0.02
78) Terphenyl-d14	13.33	244	1051511	66.53	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.54	70	120506	13.78	ng	#	75
22) Acetophenone	6.35	105	49686	2.96	ng	#	52
31) Naphthalene	7.42	128	157670	4.36	ng		98
37) 2-Methylnaphthalene	8.26	142	99438	4.12	ng		96
49) Dimethylphthalate	9.21	163	98769	4.23	ng	#	98
50) 2,6-Dinitrotoluene	9.53	165	43294	8.08	ng	#	34
56) 2,4-Dinitrotoluene	9.53	165	43282	6.43	ng	#	33
70) Phenanthrene	11.38	178	217348	7.15	ng		98
74) Fluoranthene	12.84	202	330385	10.61	ng		98
77) Pyrene	13.12	202	284683	11.07	ng		98
80) Benzo(a)anthracene	14.59	228	125437	6.07	ng		97
82) Chrysene	14.64	228	116447	6.07	ng		95
85) Indeno(1,2,3-cd)pyrene	17.57	276	58523	3.52	ng		97
87) Benzo(b)fluoranthene	15.83	252	183841	9.46	ng		97
88) Benzo(k)fluoranthene	15.83	252	183841	9.67	ng		98
89) Benzo(a)pyrene	16.17	252	100425	5.61	ng	#	96
91) Benzo(g,h,i)perylene	17.97	276	50325	3.30	ng		93

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
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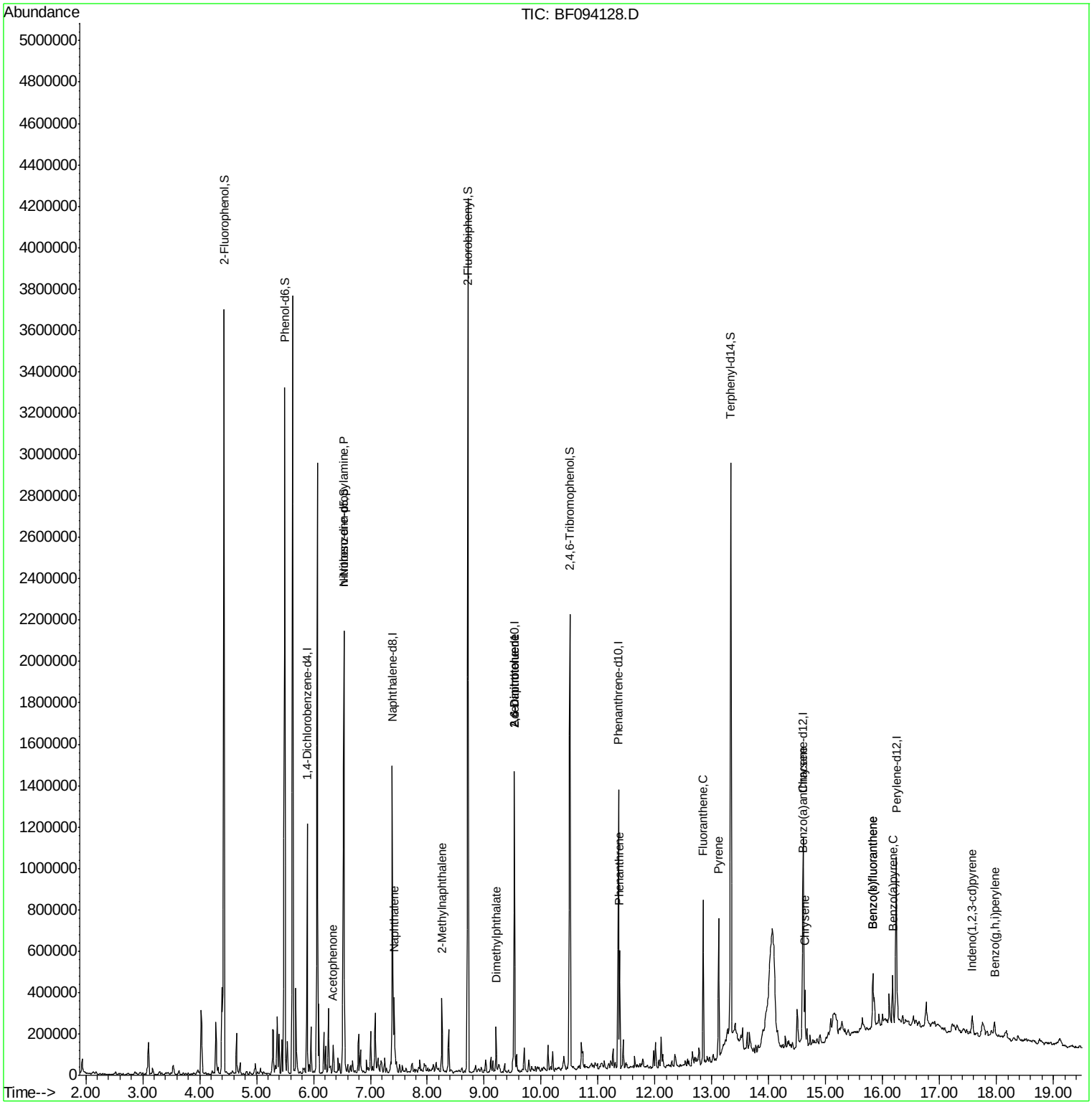
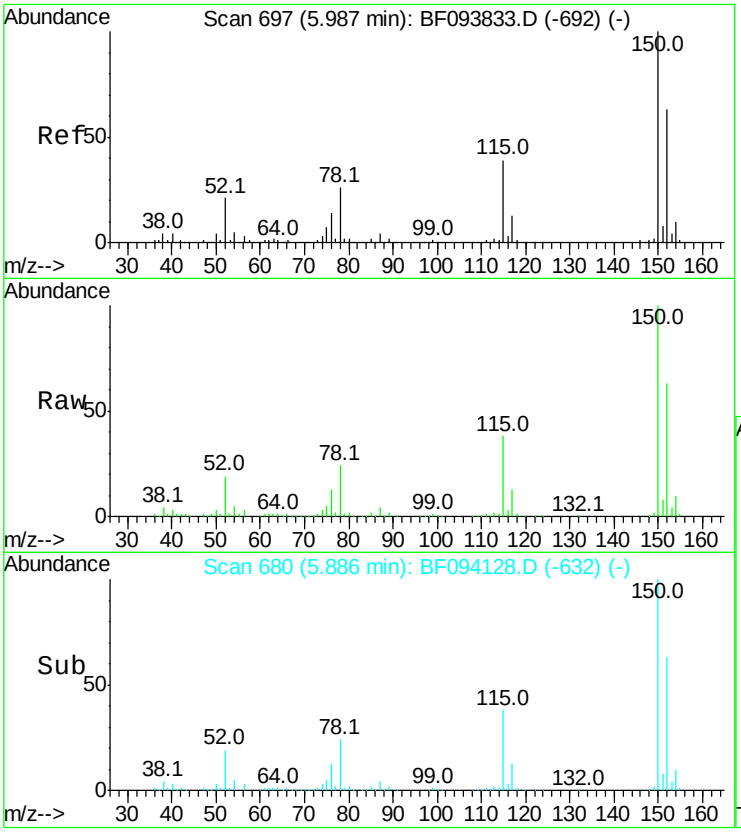


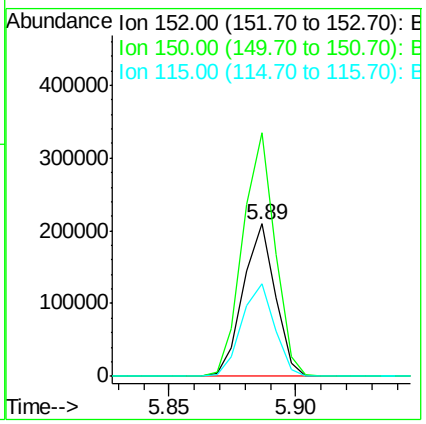


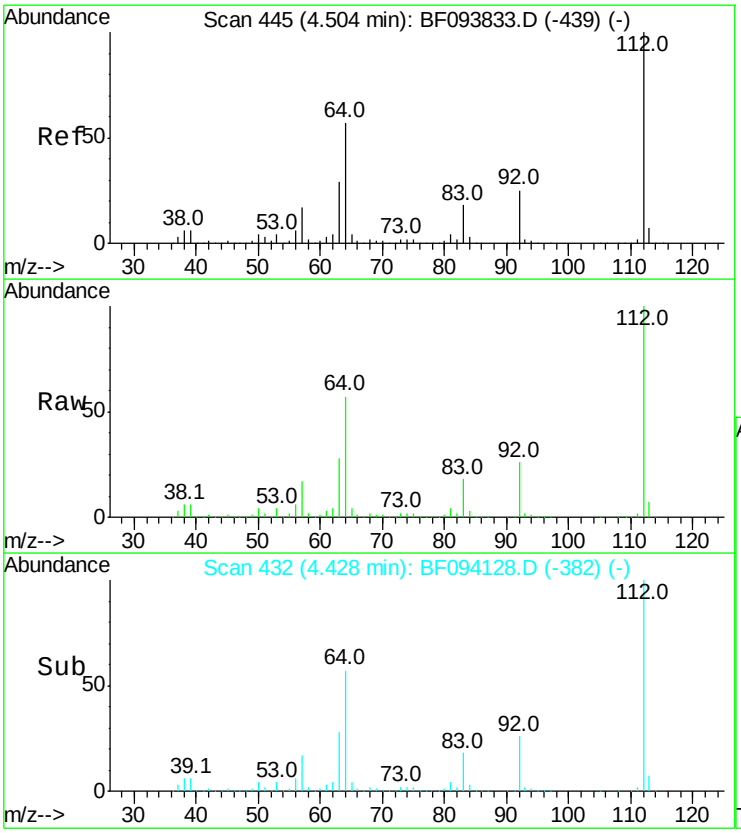
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.89 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:152 Resp: 185732

Ion	Ratio	Lower	Upper
152	100		
150	159.9	126.2	189.2
115	61.1	52.2	78.2

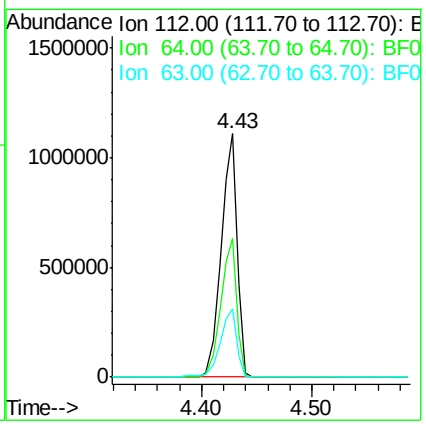


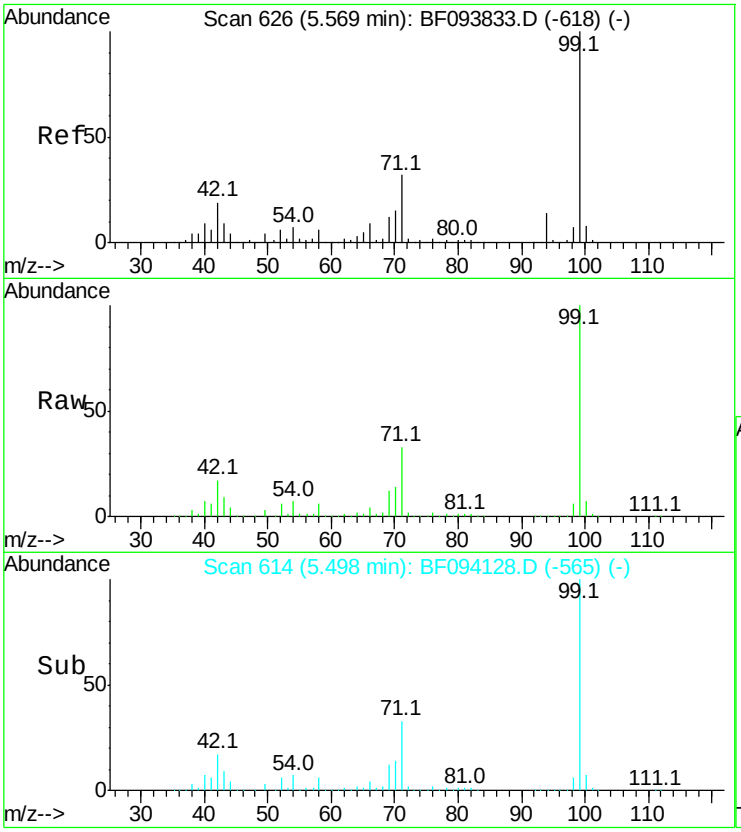


#5
2-Fluorophenol
Concen: 101.25 ng
RT: 4.43 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Tgt Ion:112 Resp: 1113446

Ion	Ratio	Lower	Upper
112	100		
64	57.0	46.0	69.0
63	28.3	23.4	35.0



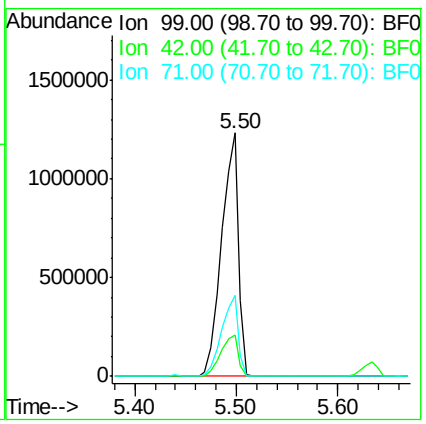


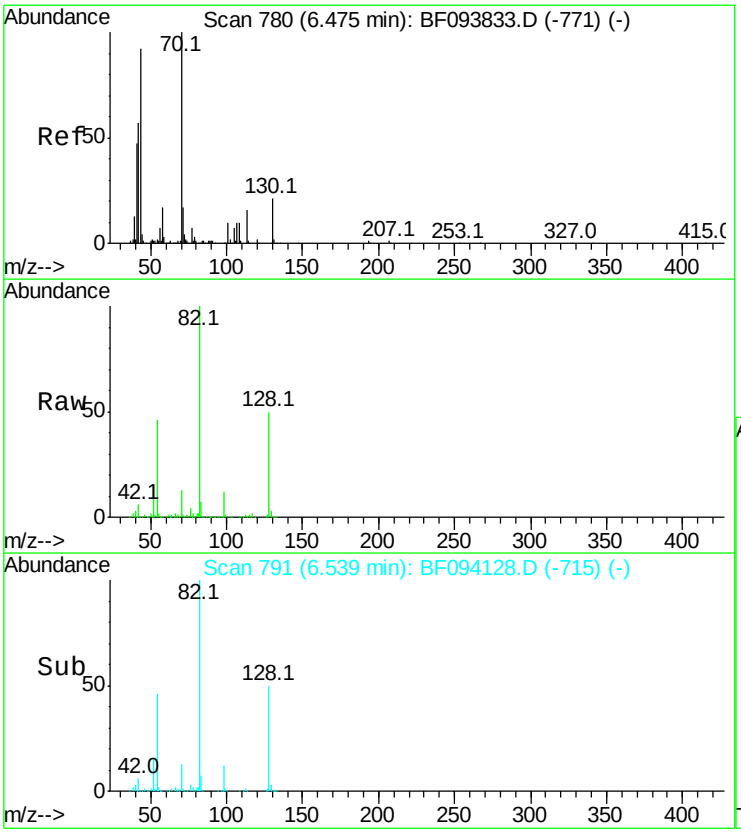
#7
Phenol-d6
Concen: 104.52 ng
RT: 5.50 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion: 99 Resp: 1421908

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.5	20.3
71	33.4	24.5	36.7

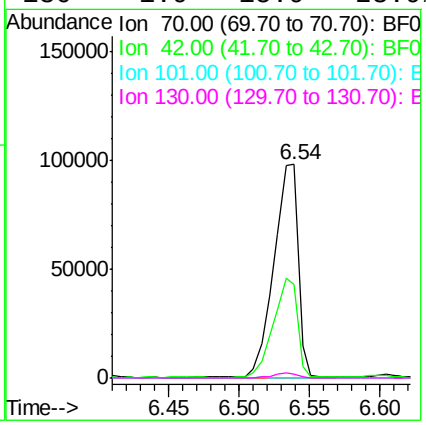


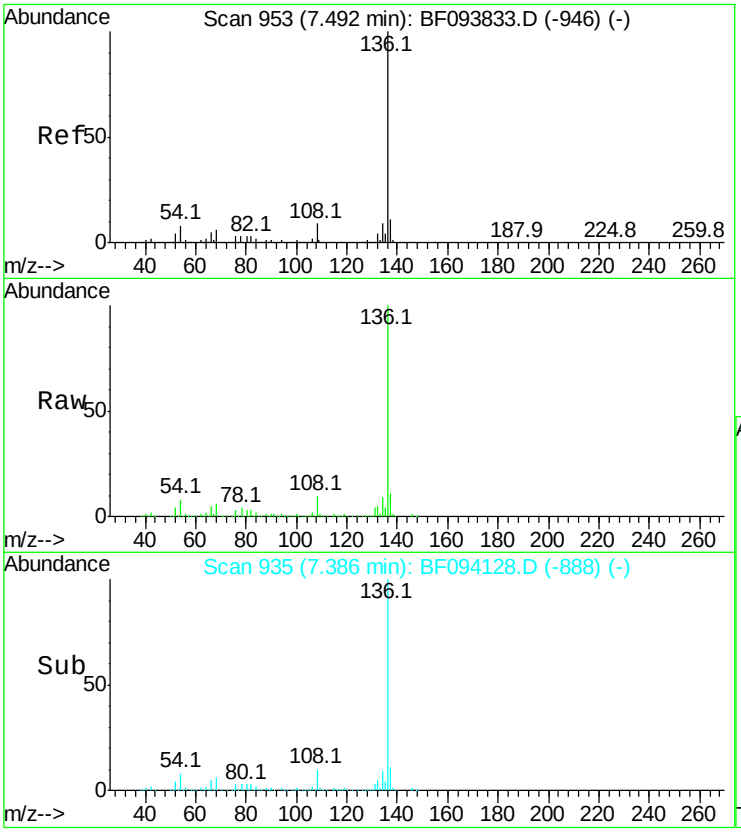


#19
n-Nitroso-di-n-propylamine
Concen: 13.78 ng
RT: 6.54 min Scan# 791
Delta R.T. 0.15 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Tgt Ion: 70 Resp: 120506

Ion	Ratio	Lower	Upper
70	100		
42	43.9	47.2	70.8#
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#



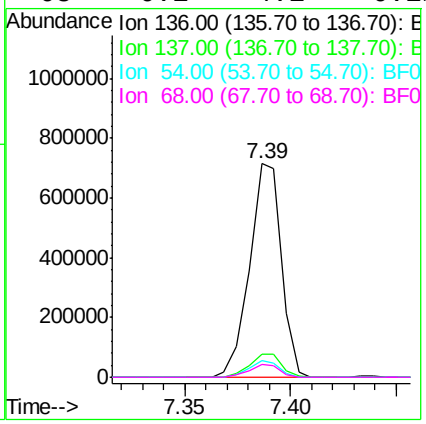


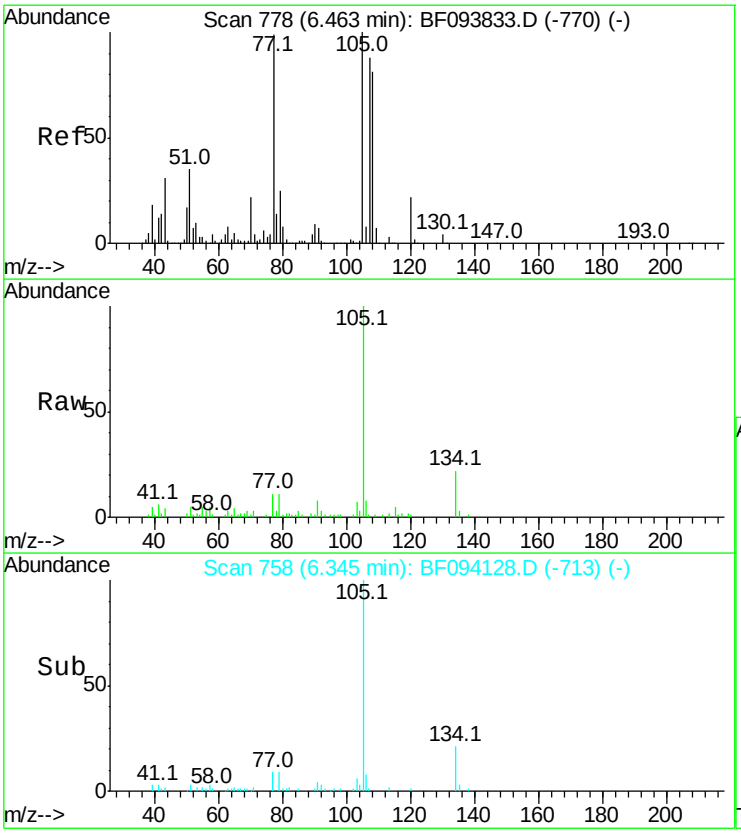
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.39 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:136 Resp: 752388

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.9	4.9	7.3#
68	6.1	4.1	6.1#

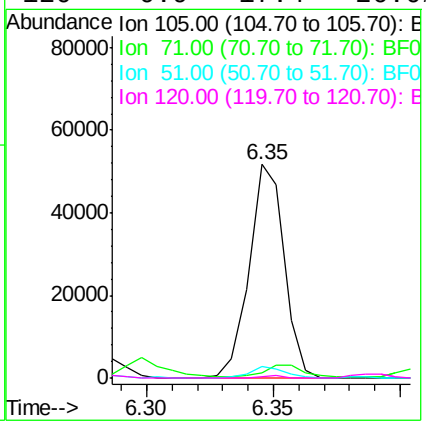


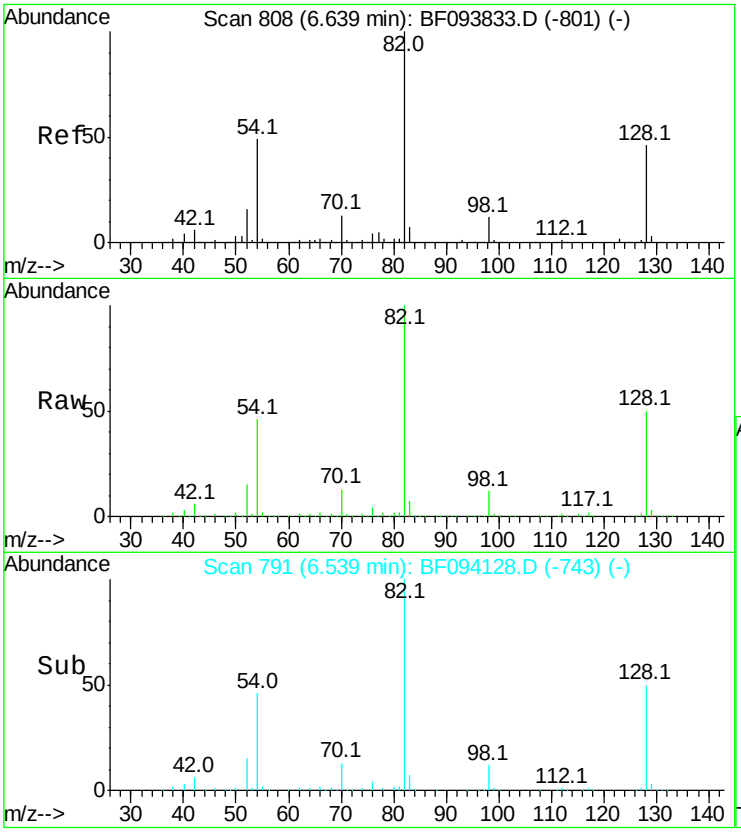


#22
Acetophenone
Concen: 2.96 ng
RT: 6.35 min Scan# 758
Delta R.T. -0.04 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Tgt Ion:105 Resp: 49686

Ion	Ratio	Lower	Upper
105	100		
71	2.7	2.8	4.2#
51	5.2	30.7	46.1#
120	0.9	17.4	26.0#



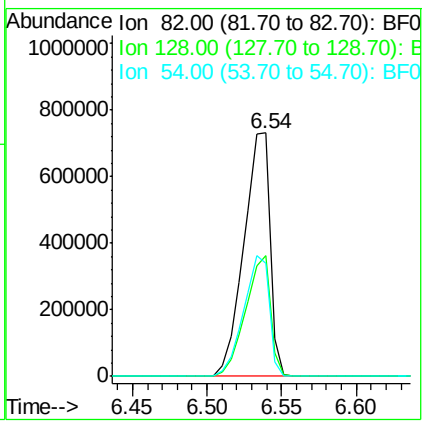


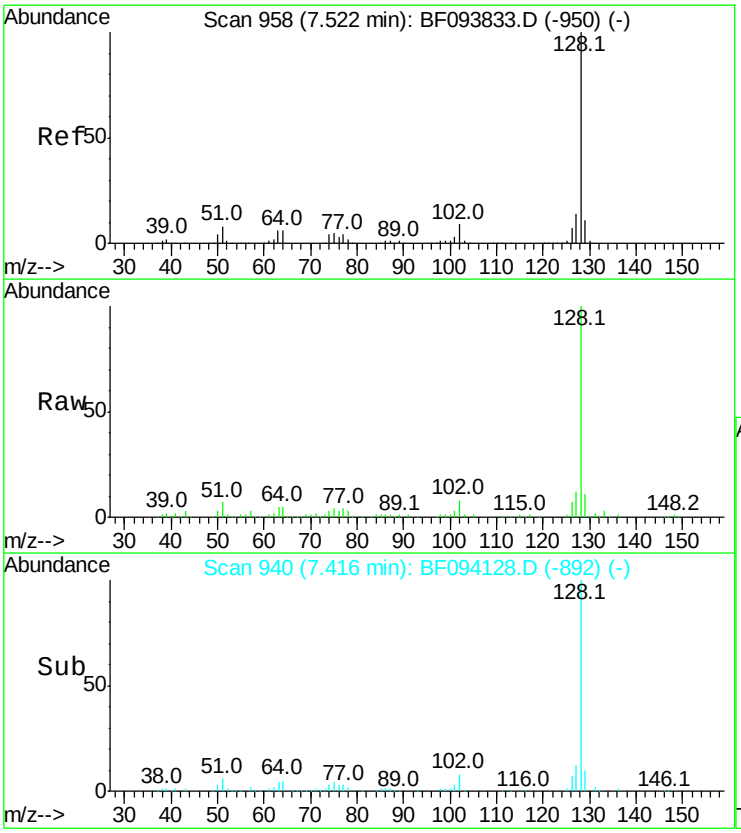
#23
Nitrobenzene-d5
Concen: 67.35 ng
RT: 6.54 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion: 82 Resp: 887872

Ion	Ratio	Lower	Upper
82	100		
128	49.7	34.0	51.0
54	46.4	42.2	63.2

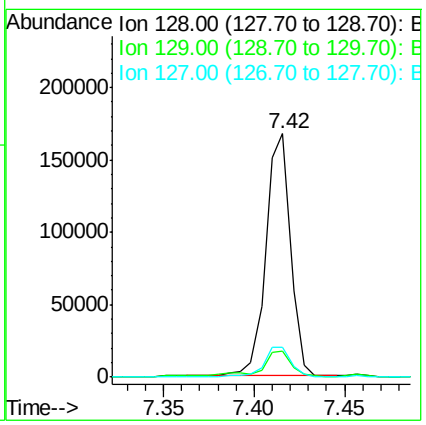


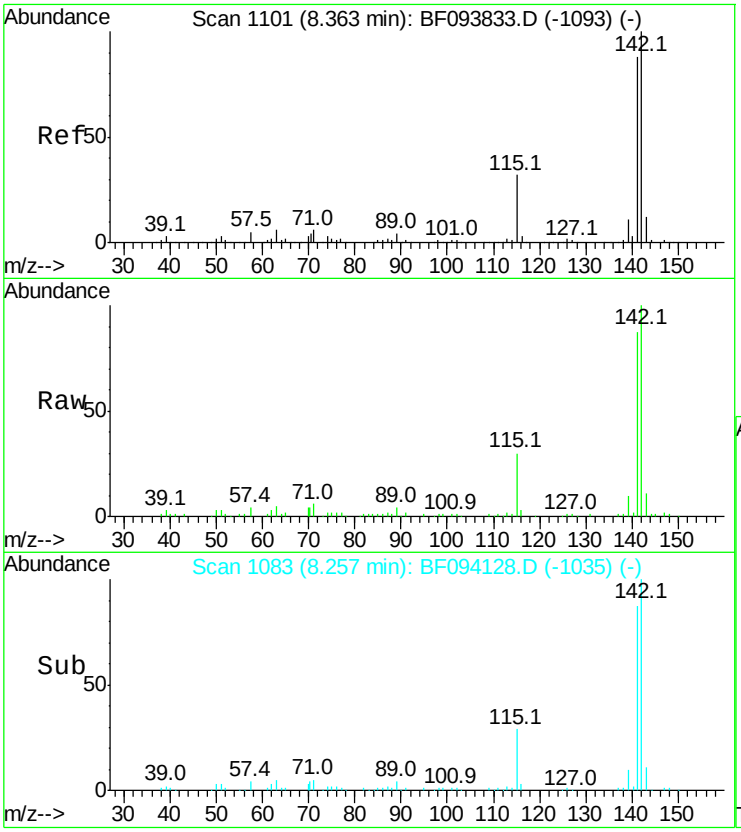


#31
Naphthalene
Concen: 4.36 ng
RT: 7.42 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Tgt Ion:128 Resp: 157670

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	12.3	10.8	16.2



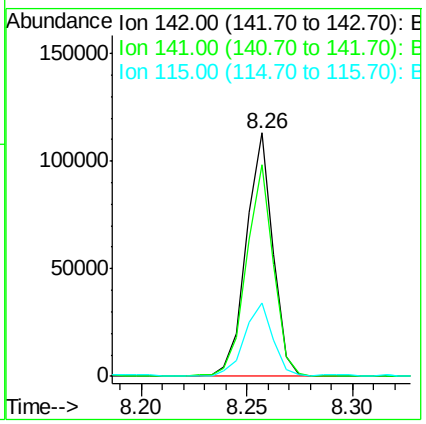


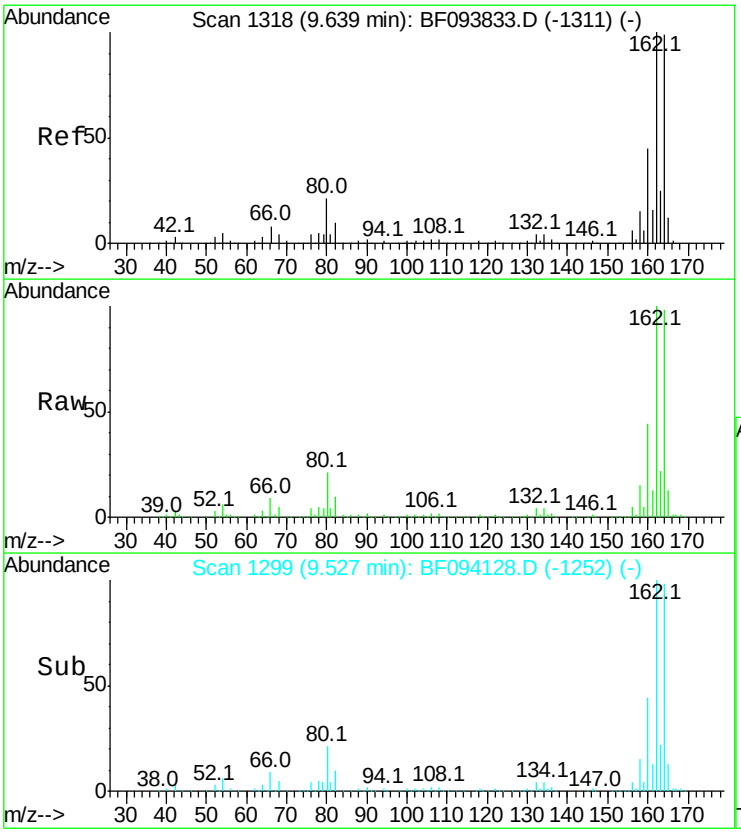
#37
2-Methylnaphthalene
Concen: 4.12 ng
RT: 8.26 min Scan# 1083
Delta R.T. -0.02 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:142 Resp: 99438

Ion	Ratio	Lower	Upper
142	100		
141	86.9	71.3	106.9
115	30.1	27.1	40.7

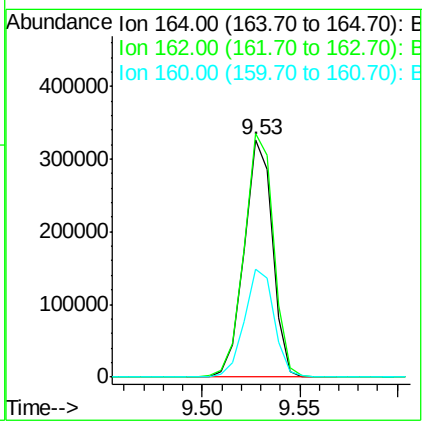


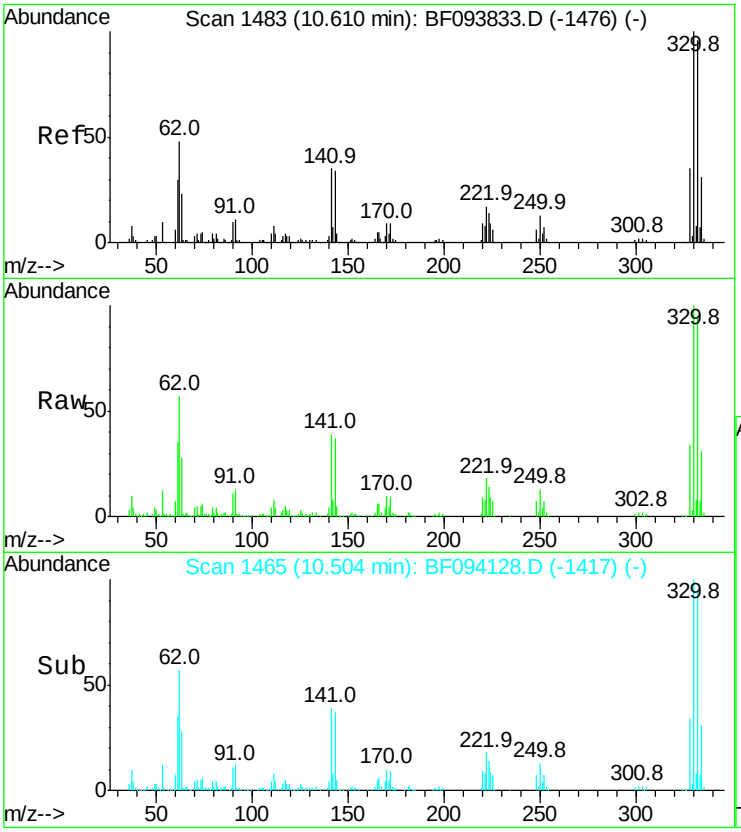


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Tgt Ion:164 Resp: 328736

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	45.5	36.2	54.2



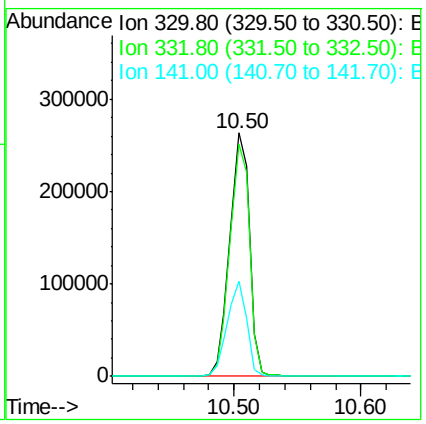


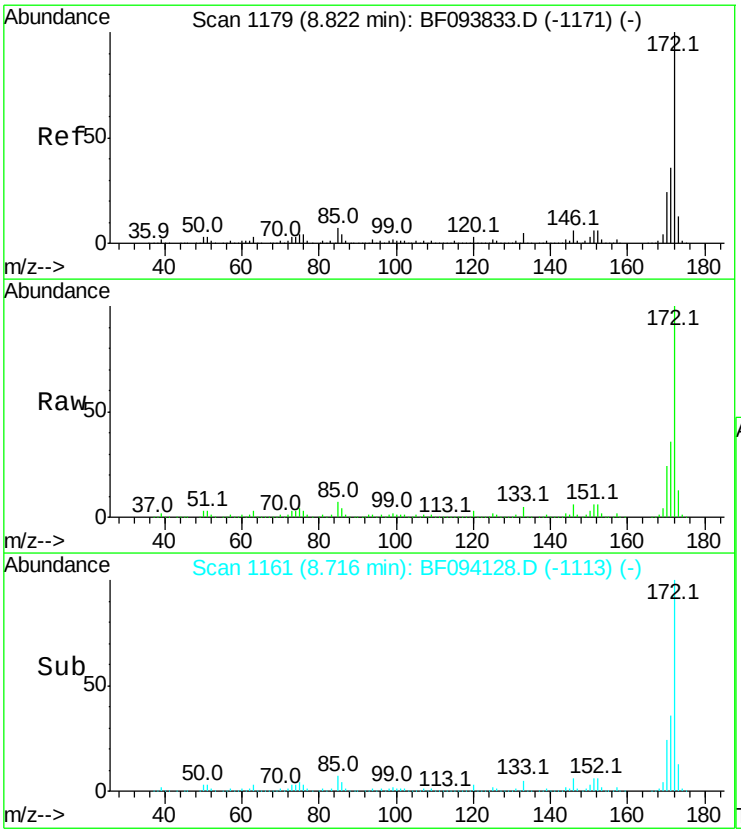
#41
2,4,6-Tribromophenol
Concen: 108.88 ng
RT: 10.50 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:330 Resp: 282841

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	39.2	31.4	47.2

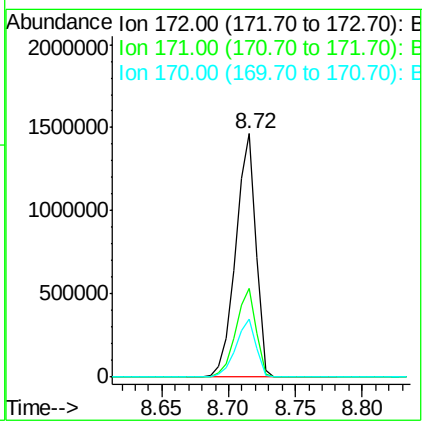


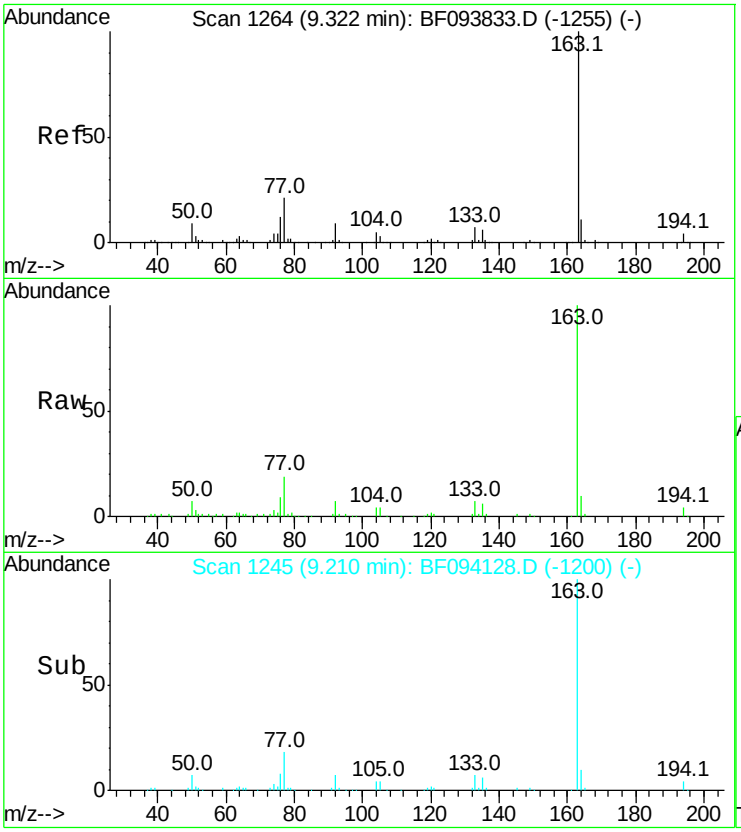


#44
2-Fluorobiphenyl
Concen: 71.64 ng
RT: 8.72 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Tgt Ion:172 Resp: 1543947

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.1	19.8	29.8



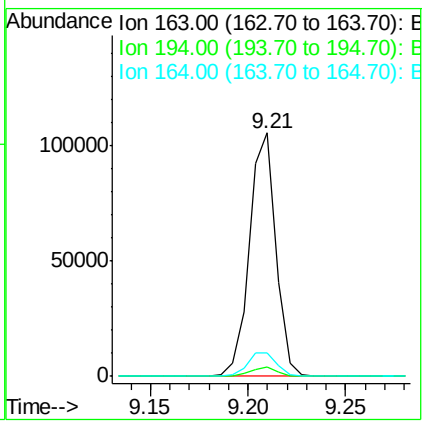


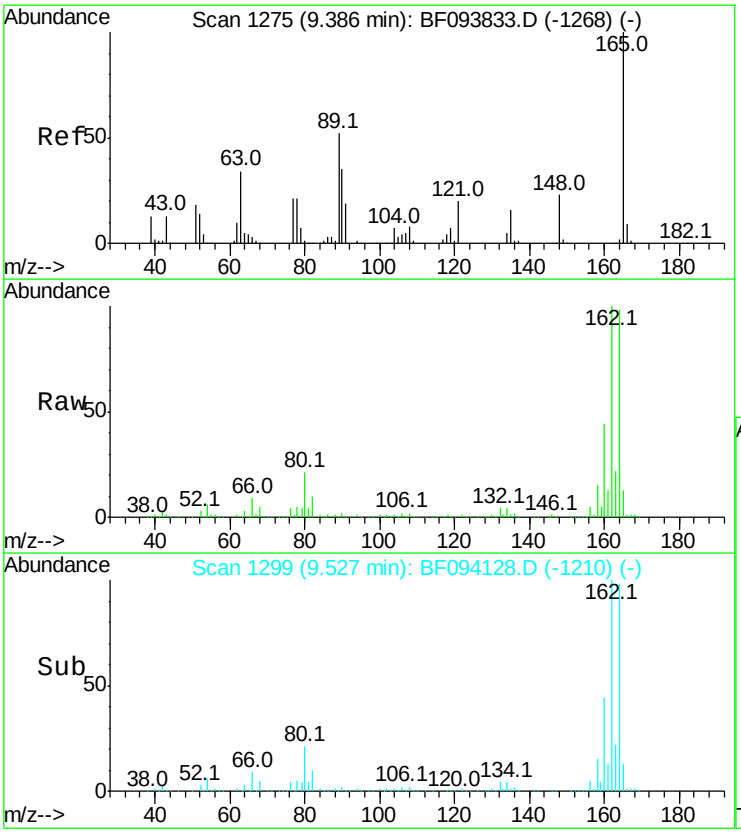
#49
Dimethylphthalate
Concen: 4.23 ng
RT: 9.21 min Scan# 1245
Delta R.T. -0.04 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:163 Resp: 98769

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.6	4.0#
164	9.7	8.4	12.6

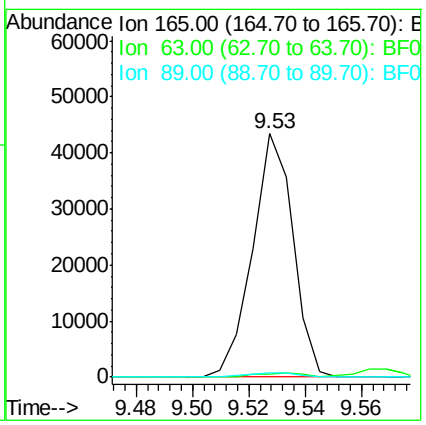


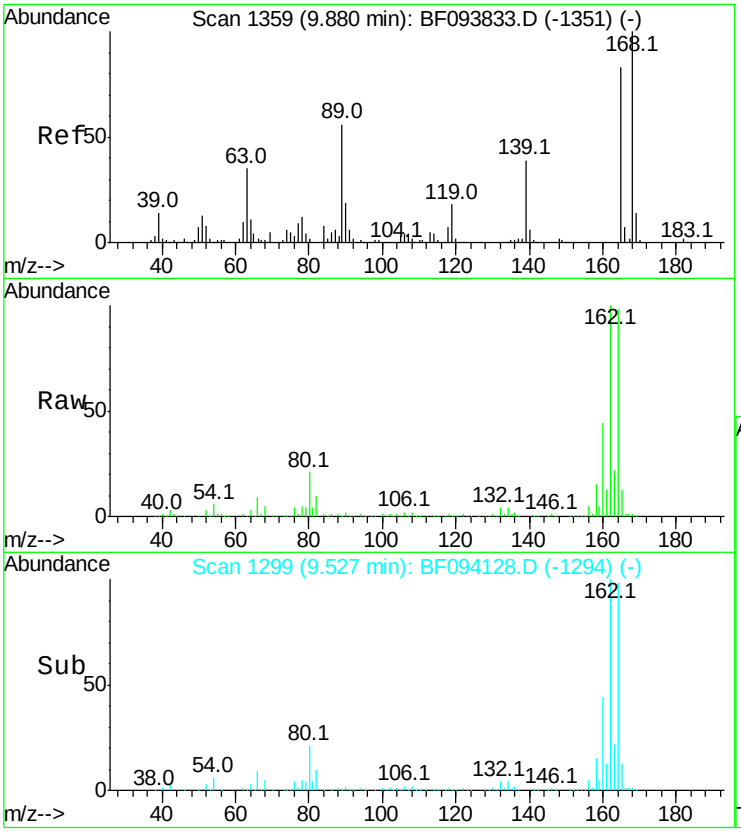


#50
2,6-Dinitrotoluene
Concen: 8.08 ng
RT: 9.53 min Scan# 1299
Delta R.T. 0.22 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Tgt Ion:165 Resp: 43294

Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.3	51.5#
89	1.6	37.1	55.7#



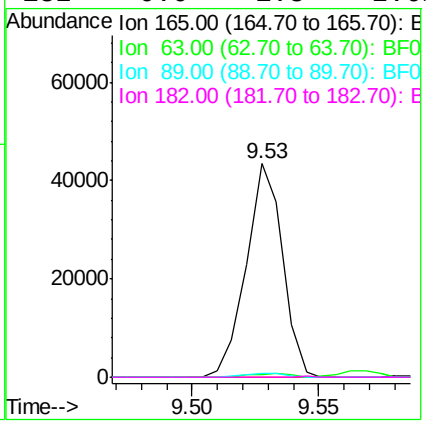


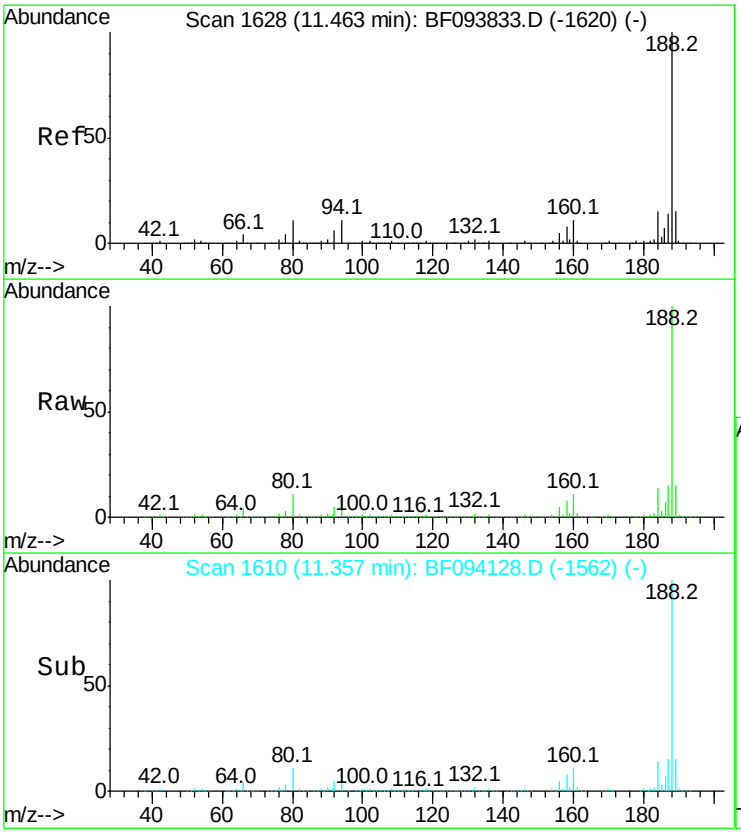
#56
2,4-Dinitrotoluene
Concen: 6.43 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.27 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:165 Resp: 43282

Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#

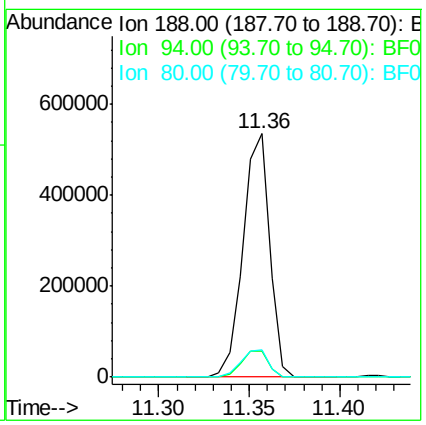


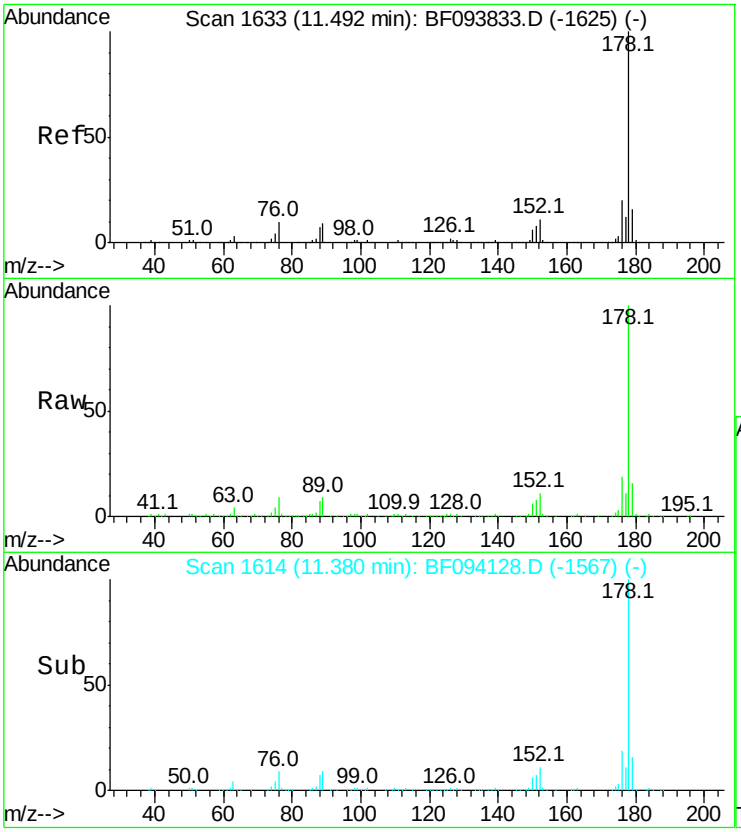


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.02 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Tgt Ion:188 Resp: 546822

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	11.2	10.2	15.2



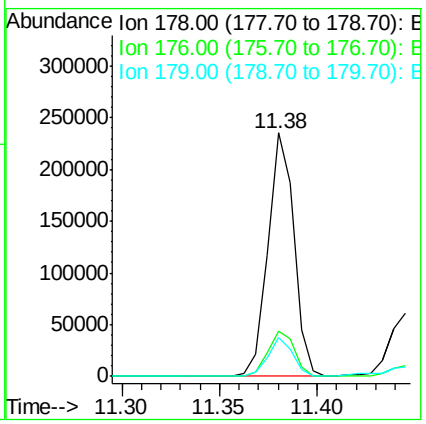


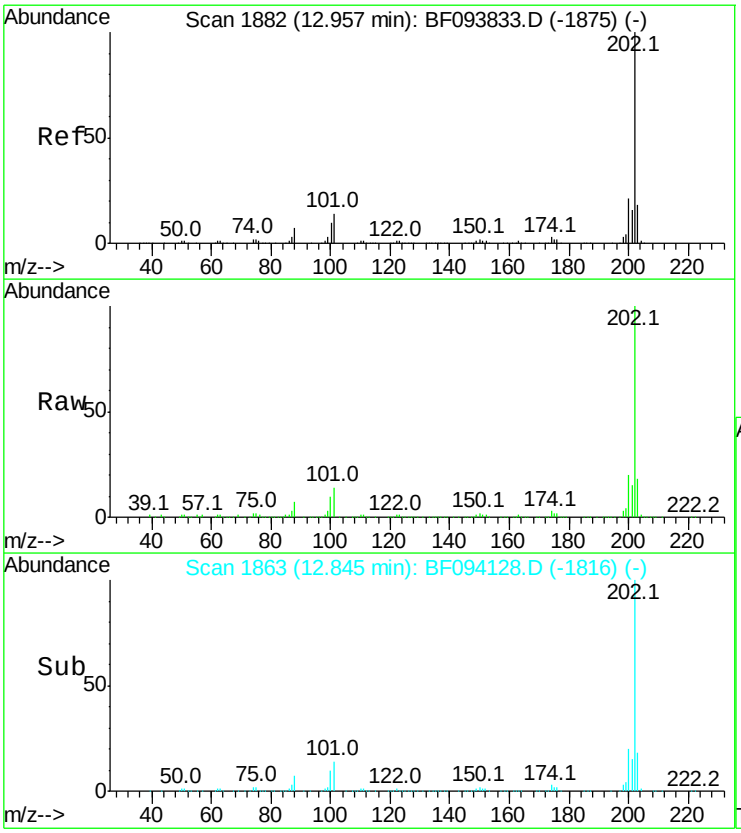
#70
Phenanthrene
Concen: 7.15 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:178 Resp: 217348

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	16.2	12.6	19.0

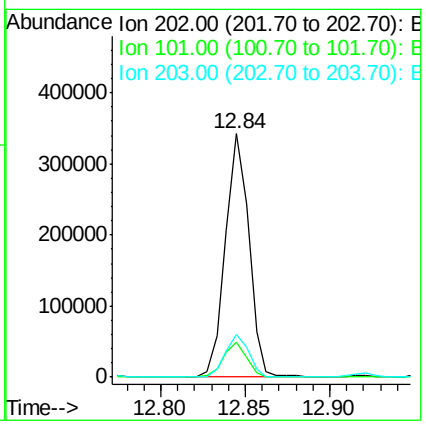


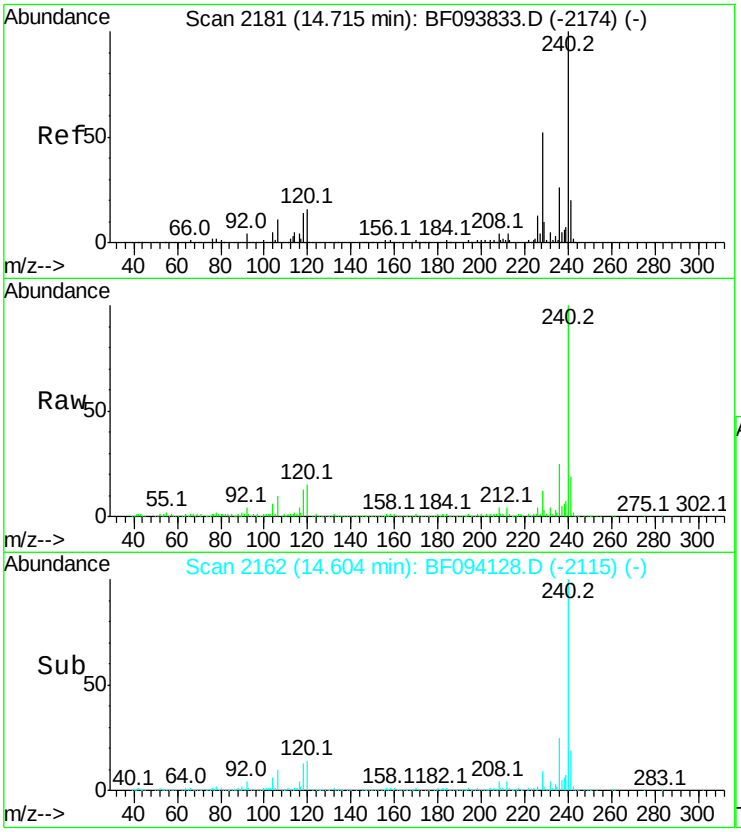


#74
Fluoranthene
Concen: 10.61 ng
RT: 12.84 min Scan# 1863
Delta R.T. -0.02 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Tgt Ion:202 Resp: 330385

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	17.7	0.0	38.1



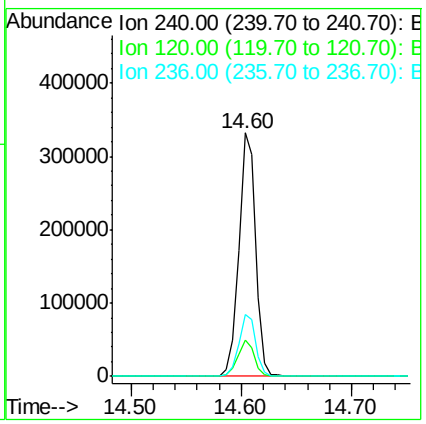


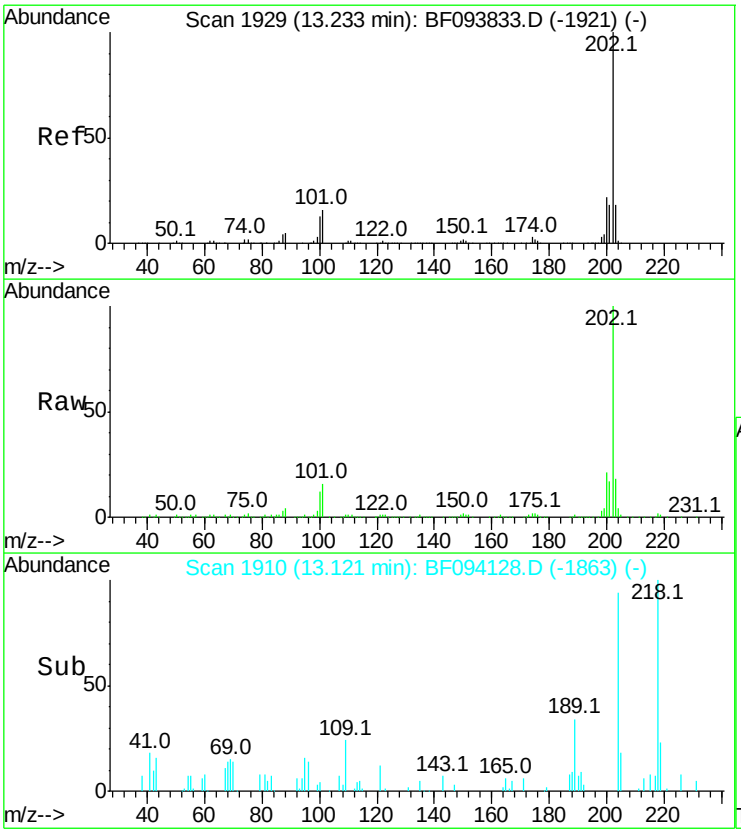
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.02 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:240 Resp: 354269

Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.8	8.8#
236	25.2	20.5	30.7

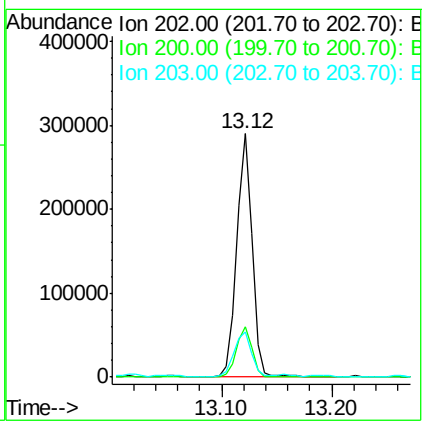


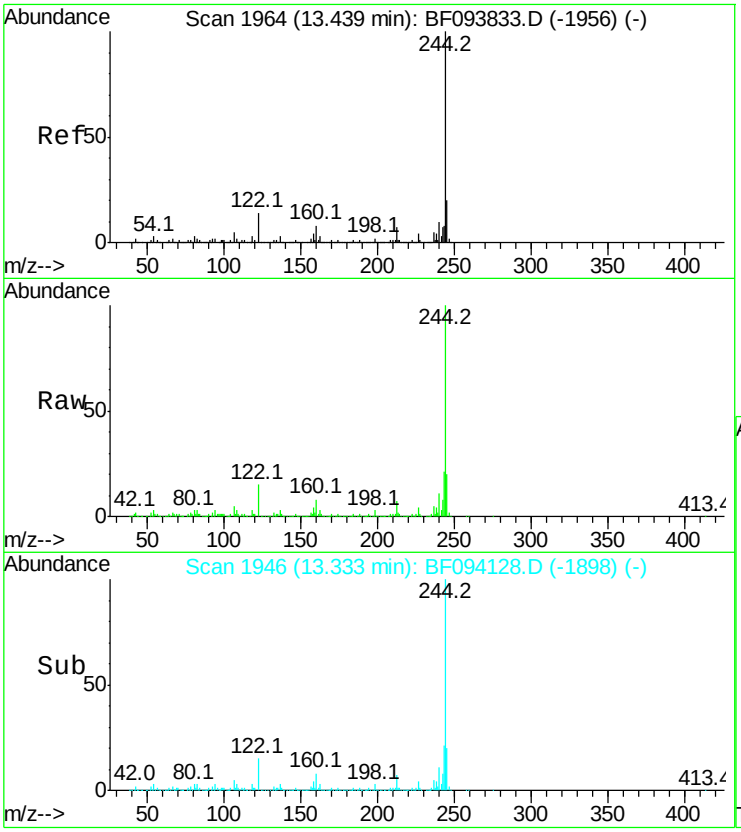


#77
Pyrene
Concen: 11.07 ng
RT: 13.12 min Scan# 1910
Delta R.T. -0.02 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Tgt Ion:202 Resp: 284683

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	18.4	14.4	21.6



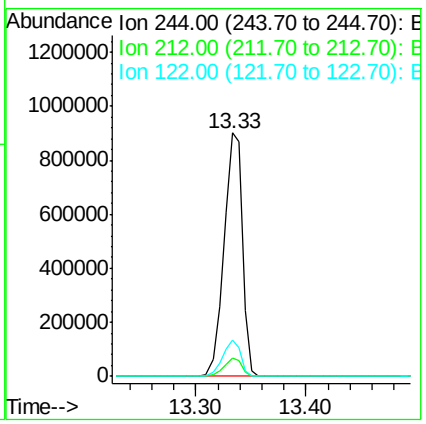


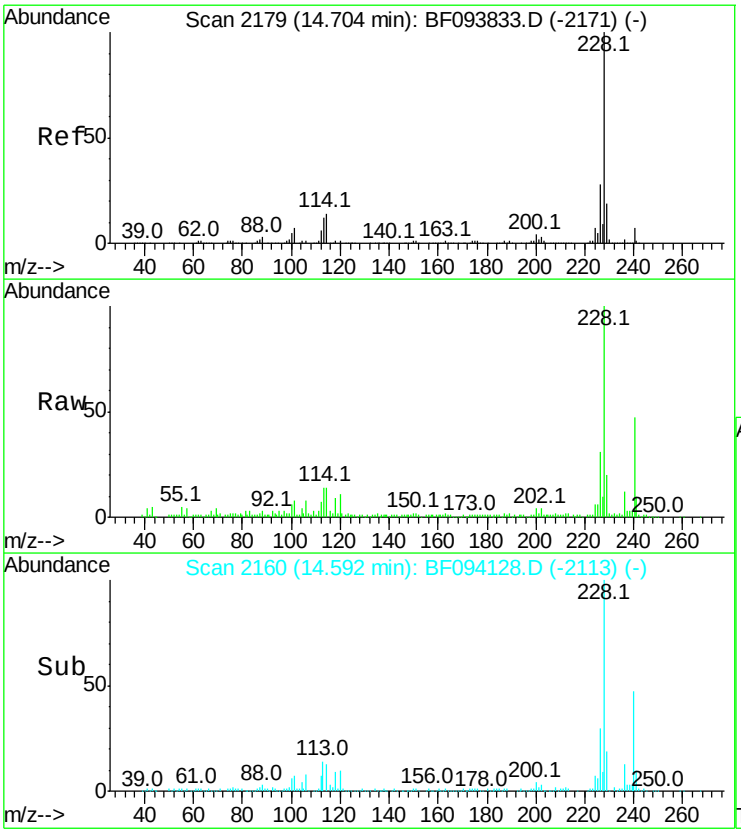
#78
Terphenyl-d14
Concen: 66.53 ng
RT: 13.33 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:244 Resp: 1051511

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.9	10.3	15.5

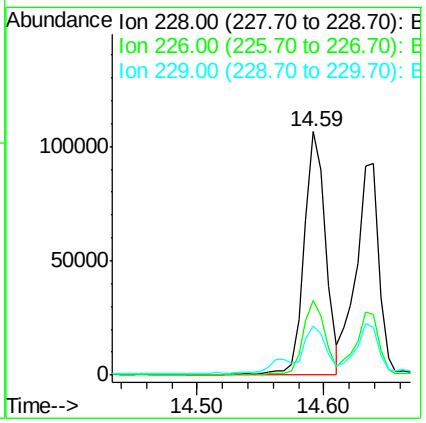


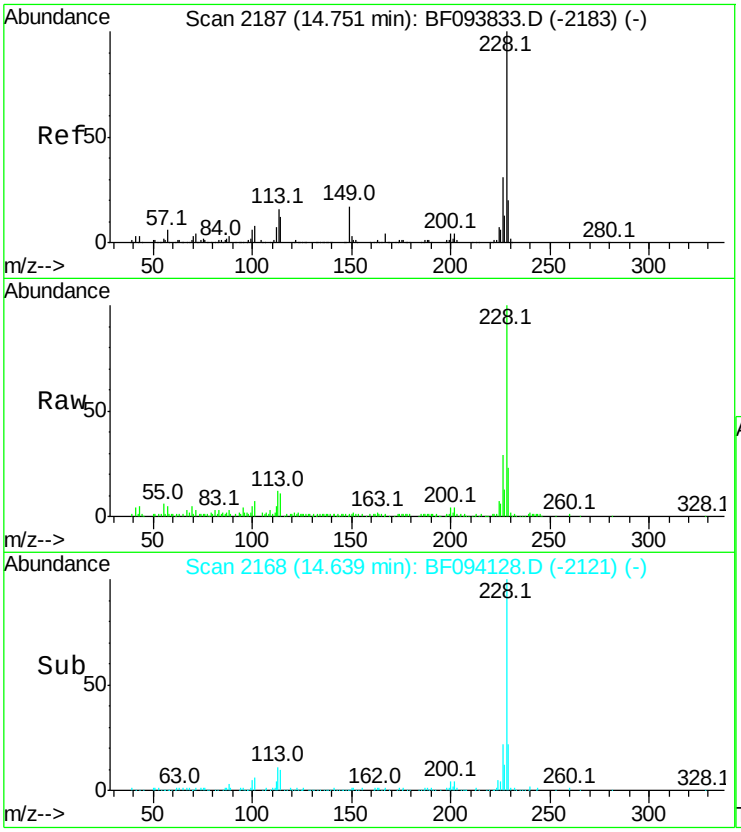


#80
Benzo(a)anthracene
Concen: 6.07 ng
RT: 14.59 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Tgt Ion:228 Resp: 125437

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	20.3	16.3	24.5



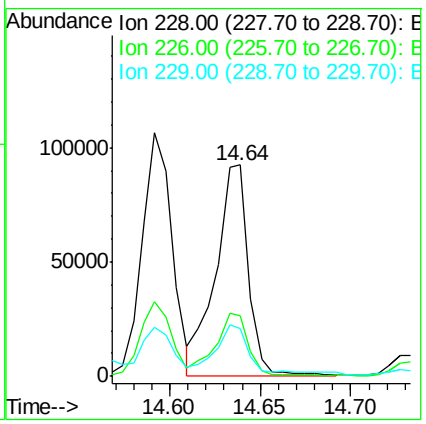


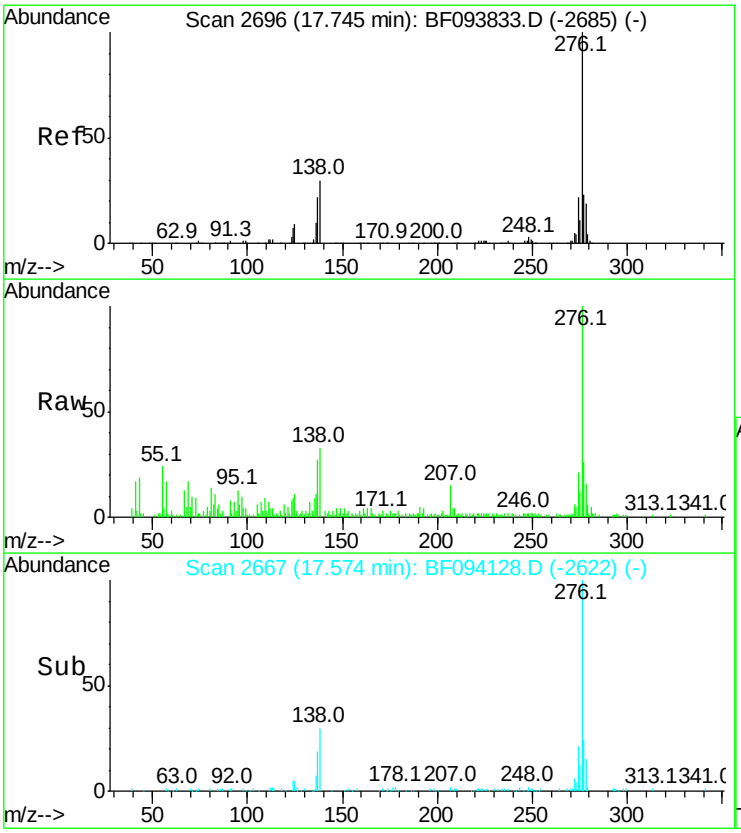
#82
Chrysene
Concen: 6.07 ng
RT: 14.64 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:228 Resp: 116447

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.9	37.3
229	22.5	15.8	23.6

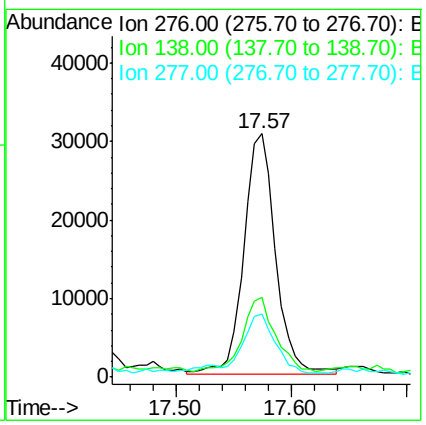


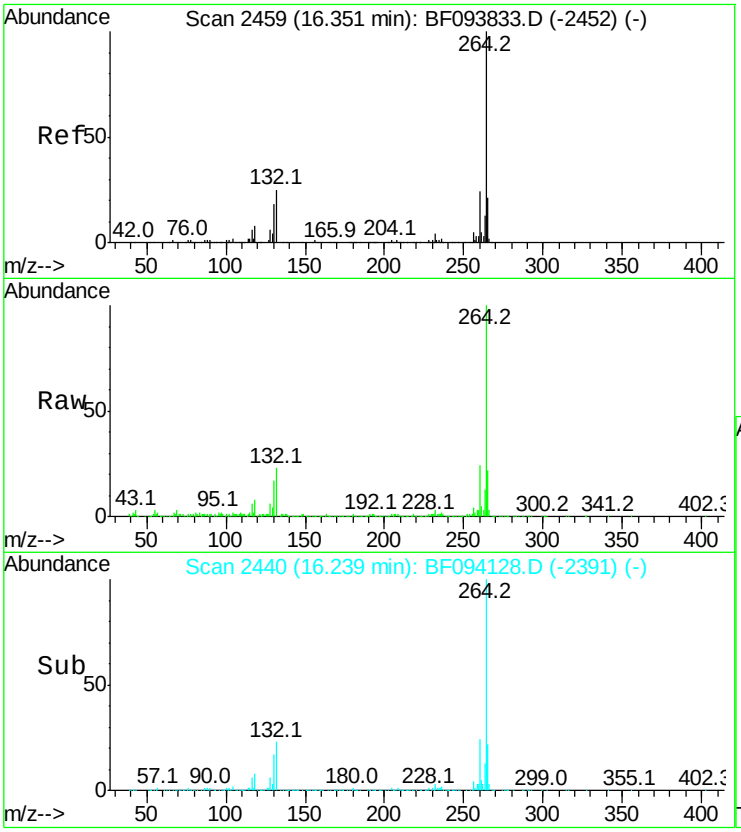


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.52 ng
RT: 17.57 min Scan# 2667
Delta R.T. -0.04 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Tgt Ion:276 Resp: 58523

Ion	Ratio	Lower	Upper
276	100		
138	32.6	27.8	41.6
277	24.3	20.2	30.4



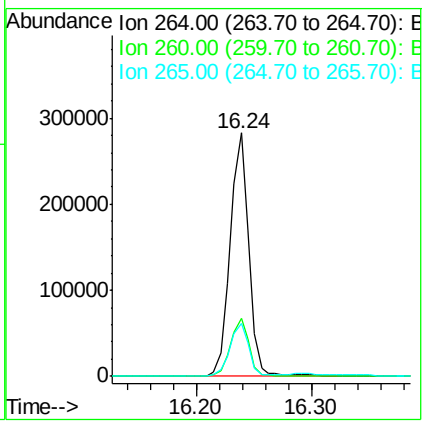


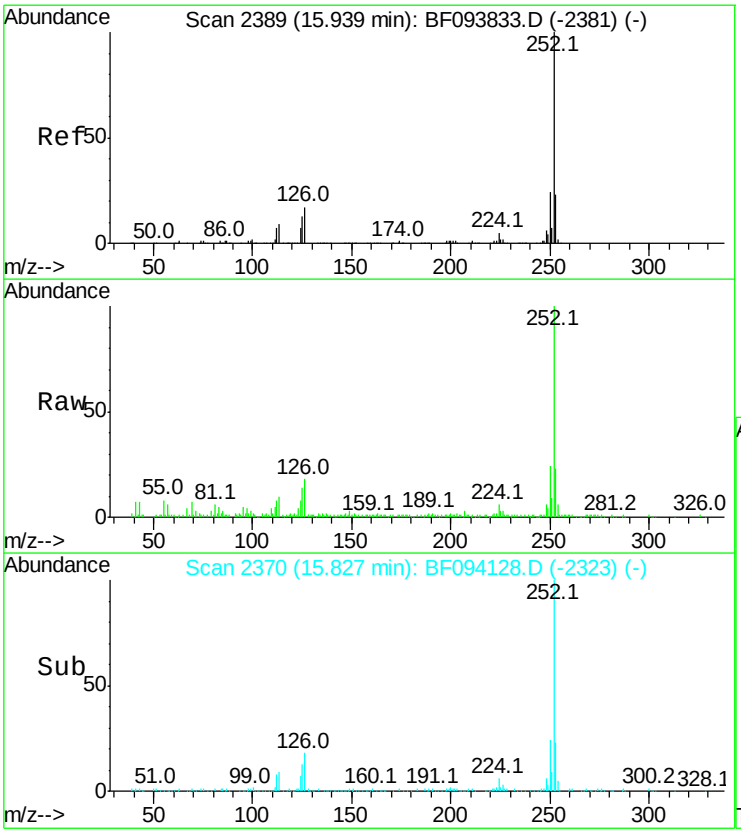
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.24 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:264 Resp: 316968

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.9	17.2	25.8

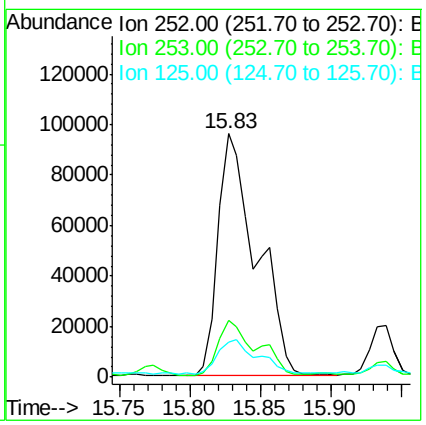


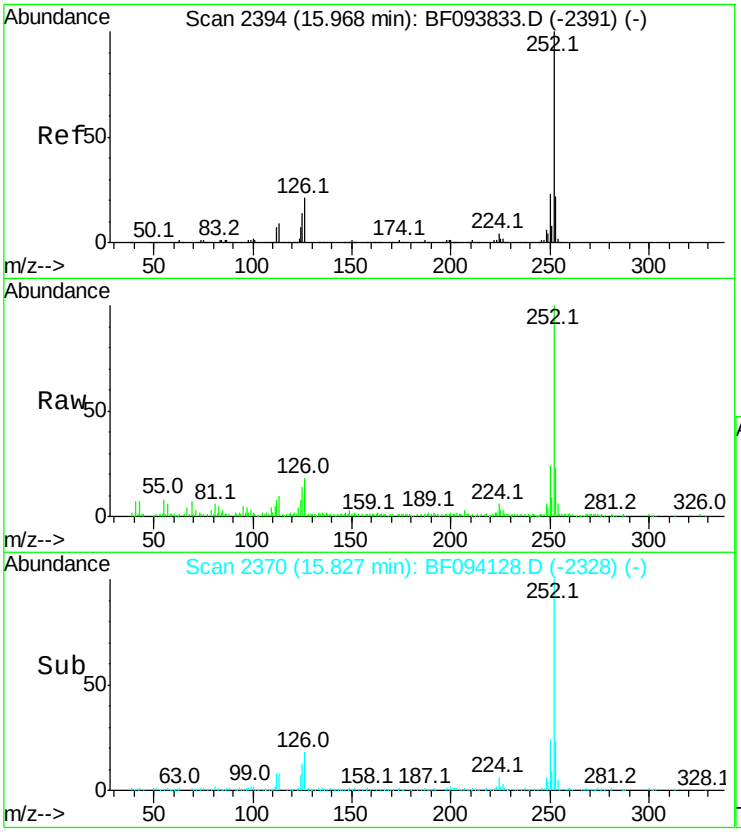


#87
Benzo(b)fluoranthene
Concen: 9.46 ng
RT: 15.83 min Scan# 2370
Delta R.T. -0.02 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Tgt Ion:252 Resp: 183841

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	14.2	9.8	14.8



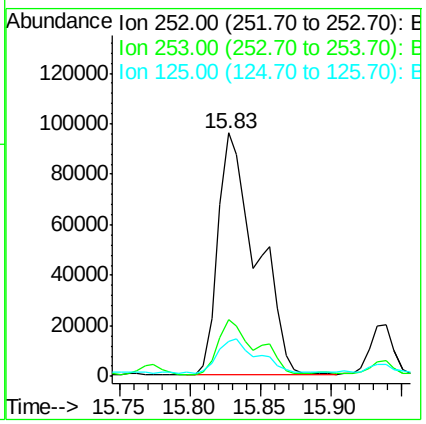


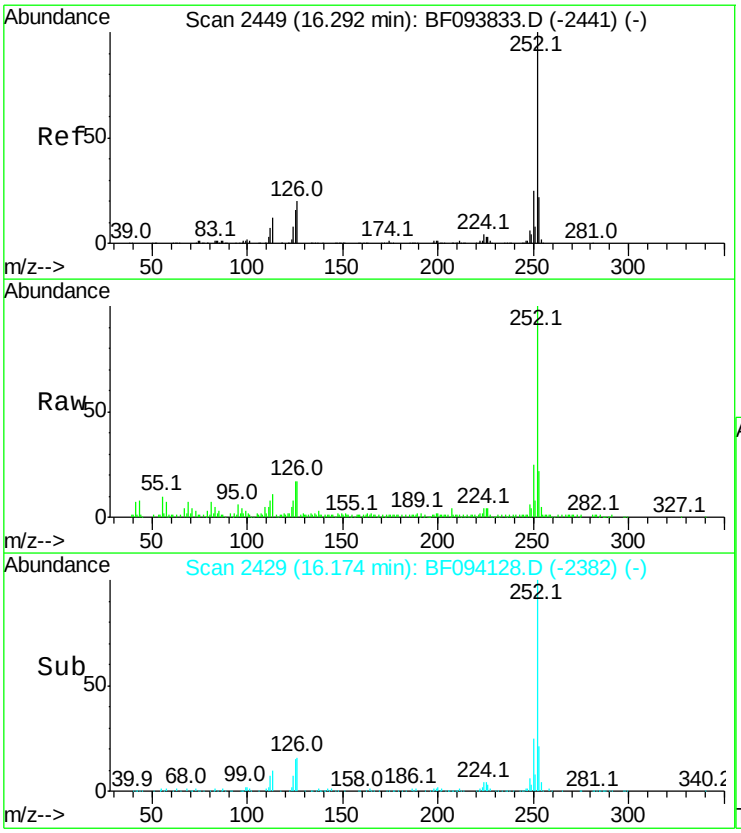
#88
Benzo(k)fluoranthene
Concen: 9.67 ng
RT: 15.83 min Scan# 2370
Delta R.T. -0.05 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:252 Resp: 183841

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	14.2	13.1	19.7

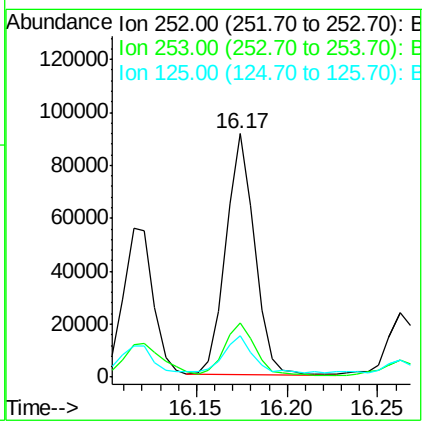


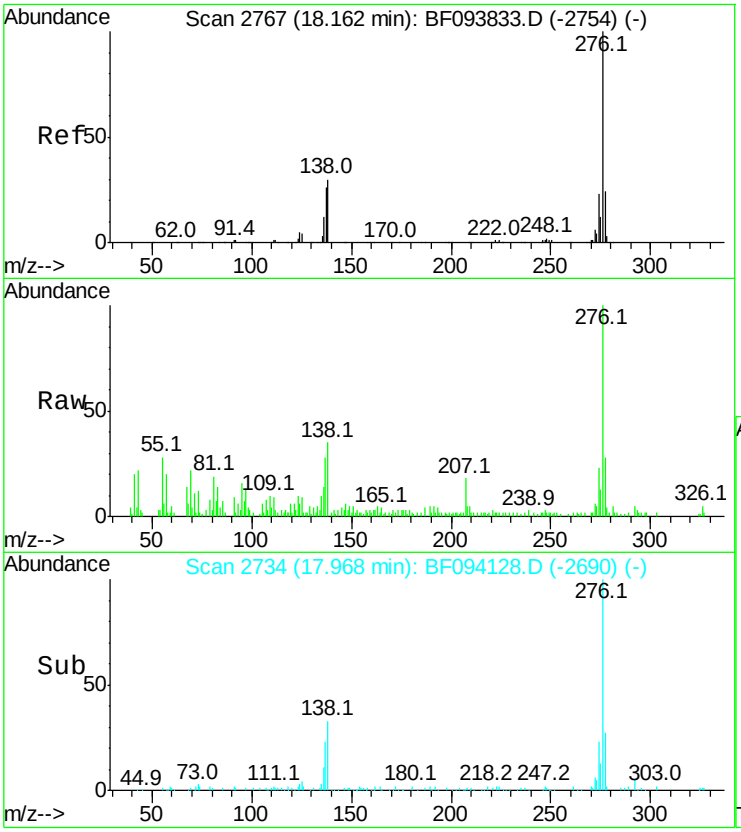


#89
Benzo(a)pyrene
Concen: 5.61 ng
RT: 16.17 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Tgt Ion:252 Resp: 100425

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	16.7	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 3.30 ng
RT: 17.97 min Scan# 2734
Delta R.T. -0.04 min
Lab File: BF094128.D
Acq: 3 Apr 2017 18:38

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:276 Resp: 50325

Ion	Ratio	Lower	Upper
276	100		
277	27.8	18.6	28.0
138	35.0	25.4	38.0