Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
Data File : BF094028.D
Acq On : 29 Mar 2017 19:44
Operator : SJ/MA
Sample : I2440-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLL-OFF-20-41

Quant Time: Mar 30 01:09:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	166844	20.00	ng		-0.04
21) Naphthalene-d8	7.42	136	694189	20.00	ng		-0.04
38) Acenaphthene-d10	9.56	164	323328	20.00	ng		-0.04
63) Phenanthrene-d10	11.39	188	559666	20.00	ng		-0.04
75) Chrysene-d12	14.63	240	430317	20.00	ng		-0.05
86) Perylene-d12	16.27	264	296386	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	4.45	112	994865	100.71	ng		-0.02
7) Phenol-d6	5.52	99	1271102	104.02	ng		-0.04
23) Nitrobenzene-d5	6.56	82	779894	64.11	ng		-0.04
41) 2,4,6-Tribromophenol	10.53	330	274859	107.58	ng		-0.04
44) 2-Fluorobiphenyl	8.75	172	1322135	62.37	ng		-0.04
78) Terphenyl-d14	13.37	244	1000123	52.10	ng		-0.04
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.56	70	102812	13.09	ng	#	80
49) Dimethylphthalate	9.24	163	85048	3.70	ng		98
50) 2,6-Dinitrotoluene	9.56	165	40820	7.75	ng	#	34
56) 2,4-Dinitrotoluene	9.56	165	40820	6.17	ng	#	33
70) Phenanthrene	11.41	178	169108	5.43	ng		99
71) Anthracene	11.47	178	67345	2.10	ng		97
74) Fluoranthene	12.87	202	389213	12.21	ng		97
77) Pyrene	13.15	202	333827	10.69	ng		97
80) Benzo(a)anthracene	14.62	228	104064	4.15	ng		98
82) Chrysene	14.66	228	107560	4.62	ng		96
87) Benzo(b)fluoranthene	15.86	252	127861	7.04	ng		98
88) Benzo(k)fluoranthene	15.86	252	127861	7.19	ng		97
89) Benzo(a)pyrene	16.20	252	63563	3.80	ng		97
91) Benzo(g,h,i)perylene	18.01	276	36052	2.52	ng		94

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

Quantitation Report (Not Reviewed)

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Acq On : 29 Mar 2017 19:44
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Misc :
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Instrument :
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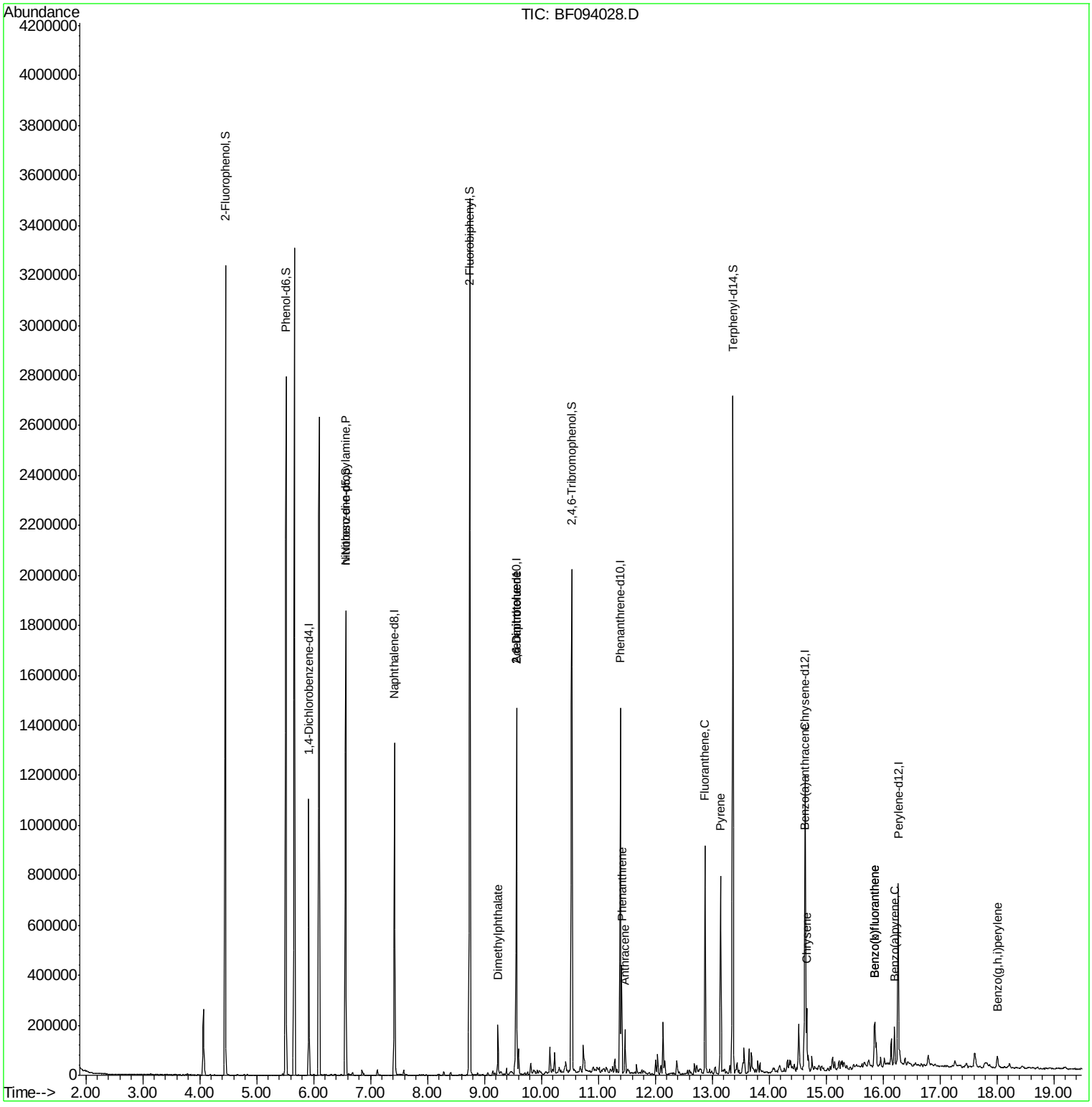
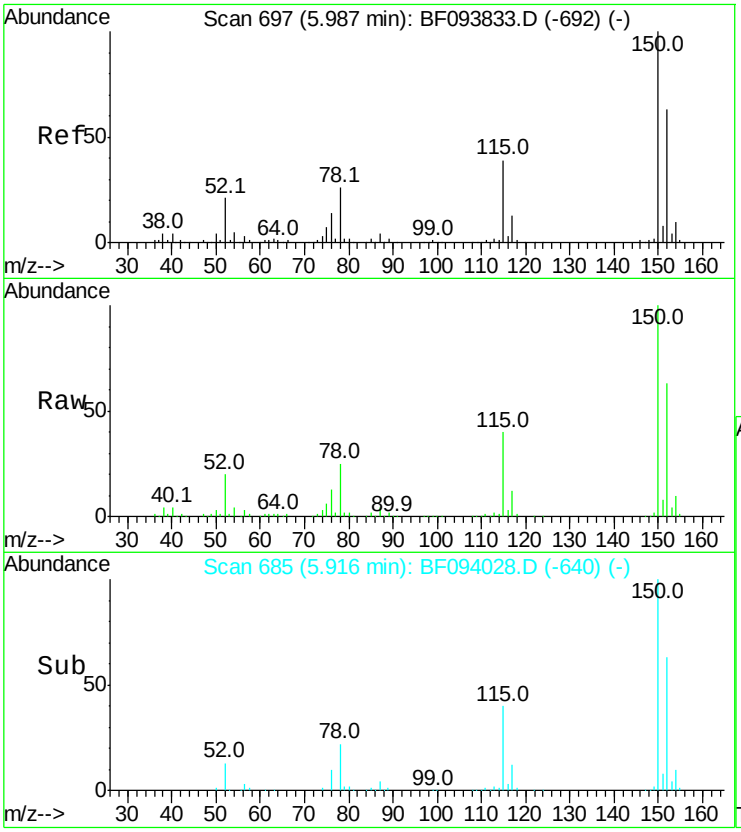


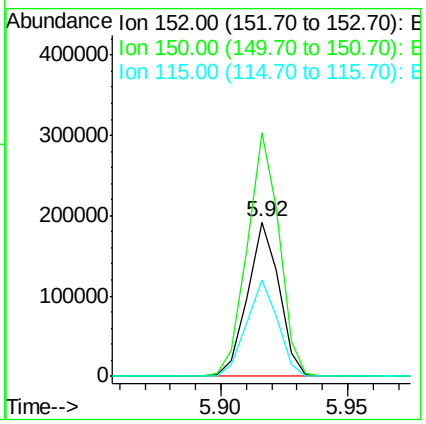


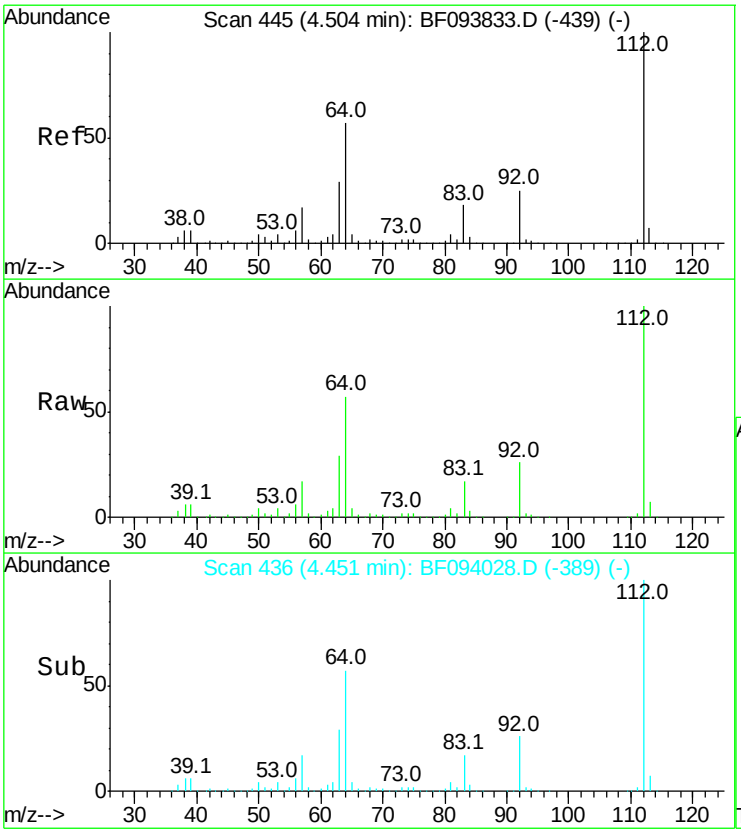
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.92 min Scan# 685
Delta R.T. -0.04 min
Lab File: BF094028.D
Acq: 29 Mar 2017 19:44

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41

Tgt Ion:152 Resp: 166844

Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.2	189.2
115	62.8	52.2	78.2

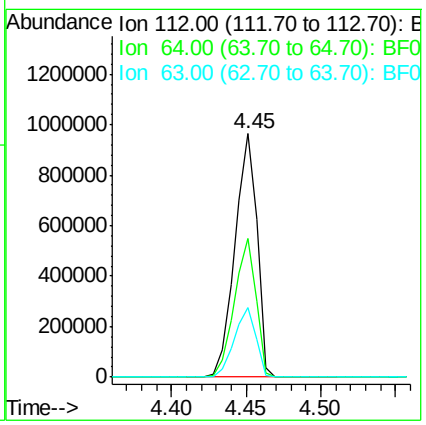


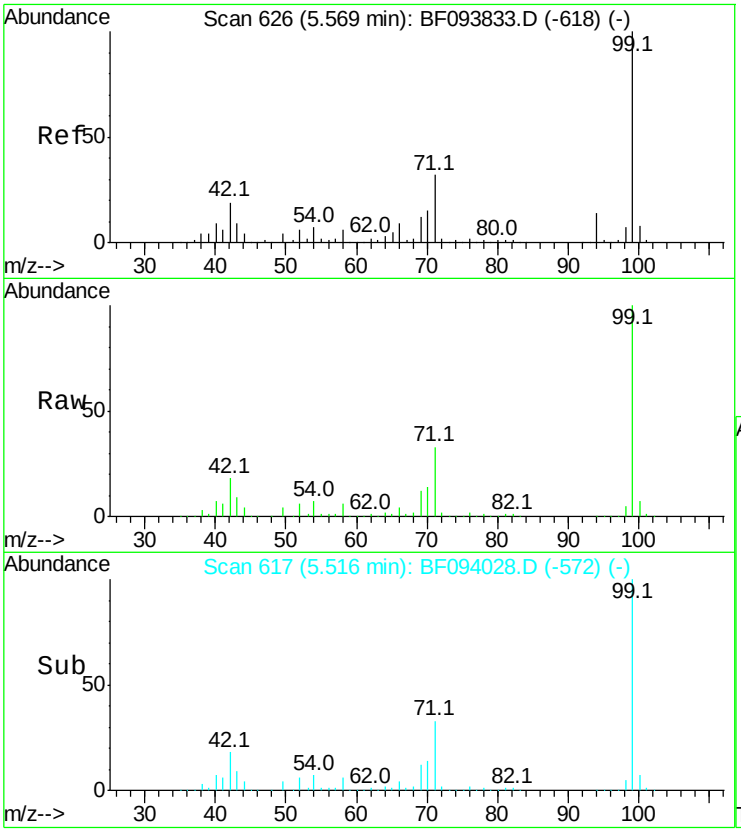


#5
2-Fluorophenol
Concen: 100.71 ng
RT: 4.45 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF094028.D
Acq: 29 Mar 2017 19:44

Tgt Ion:112 Resp: 994865

Ion	Ratio	Lower	Upper
112	100		
64	56.9	46.0	69.0
63	28.5	23.4	35.0



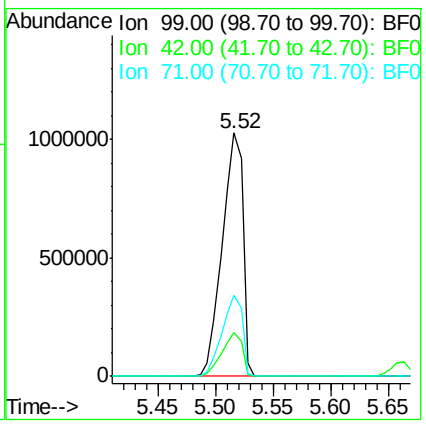


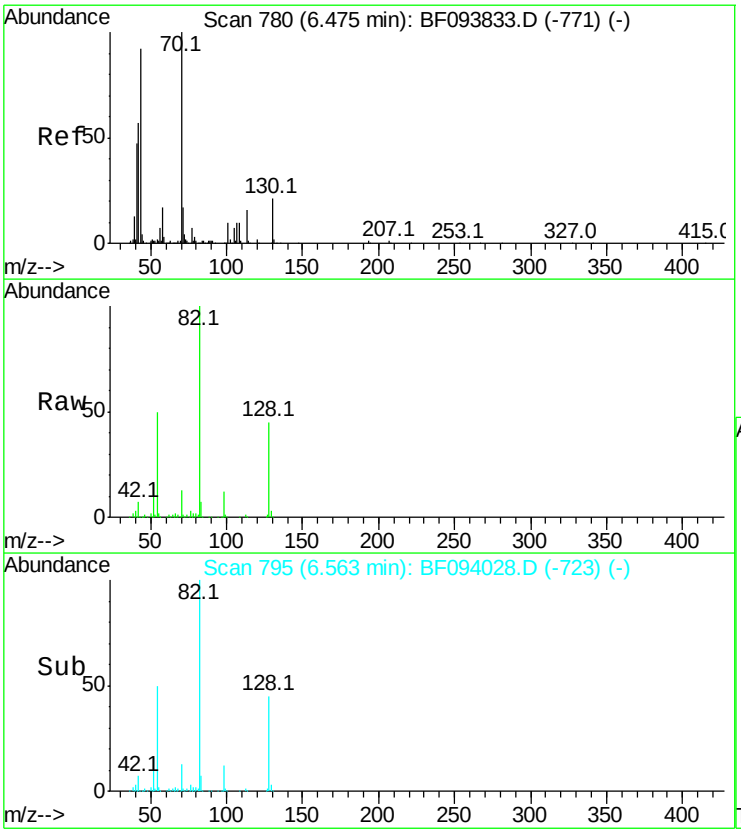
#7
Phenol-d6
Concen: 104.02 ng
RT: 5.52 min Scan# 617
Delta R.T. -0.04 min
Lab File: BF094028.D
Acq: 29 Mar 2017 19:44

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41

Tgt Ion: 99 Resp: 1271102

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.5	20.3
71	33.3	24.5	36.7

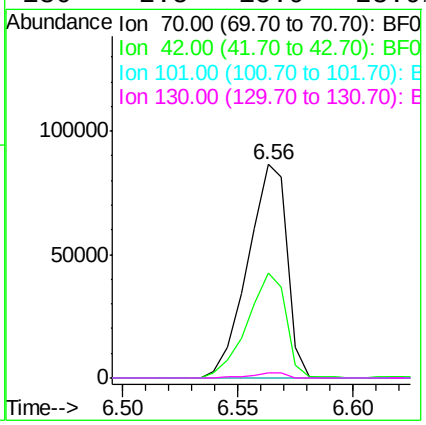


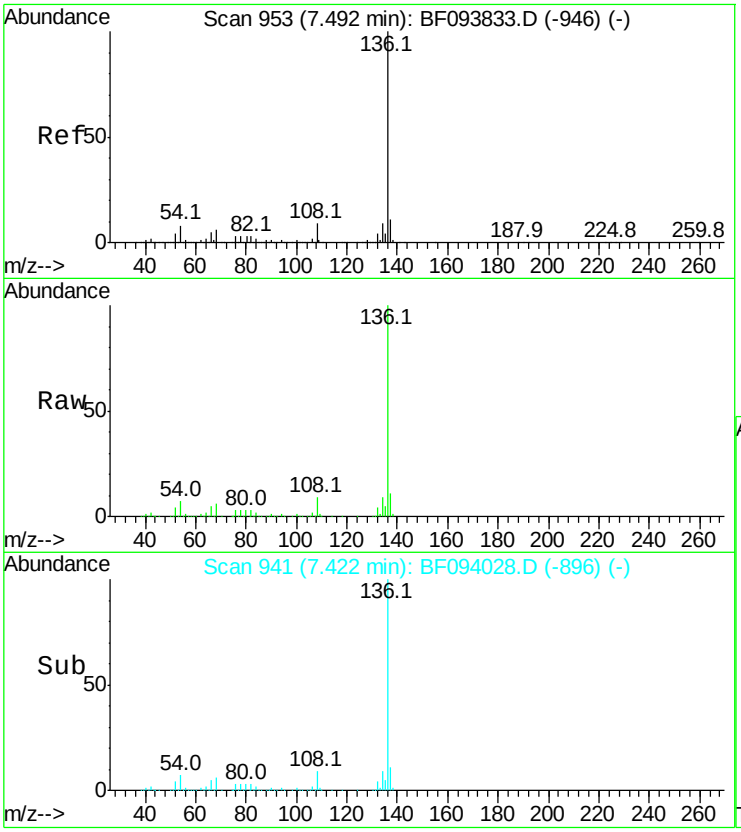


#19
n-Nitroso-di-n-propylamine
Concen: 13.09 ng
RT: 6.56 min Scan# 795
Delta R.T. 0.12 min
Lab File: BF094028.D
Acq: 29 Mar 2017 19:44

Tgt Ion: 70 Resp: 102812

Ion	Ratio	Lower	Upper
70	100		
42	49.3	47.2	70.8
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#



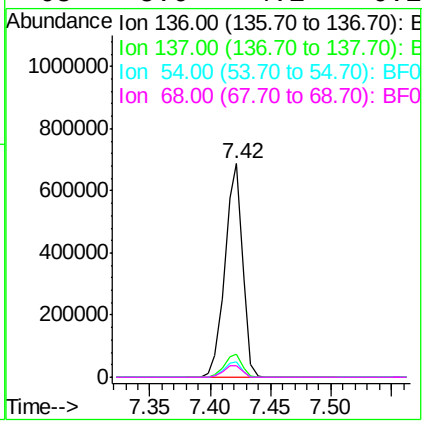


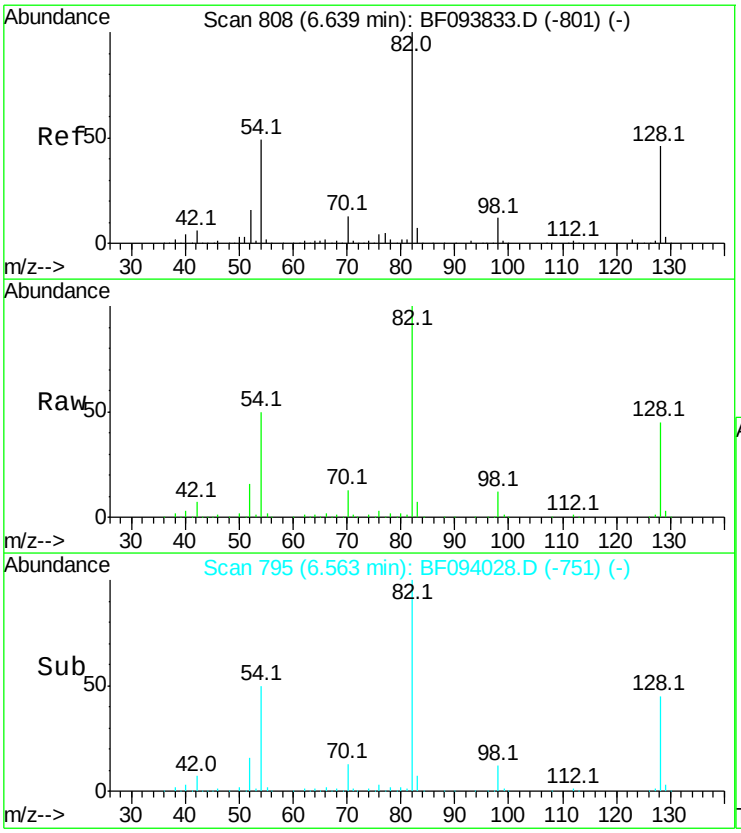
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.42 min Scan# 941
Delta R.T. -0.04 min
Lab File: BF094028.D
Acq: 29 Mar 2017 19:44

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41

Tgt Ion:136 Resp: 694189

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.9	4.9	7.3
68	5.6	4.1	6.1

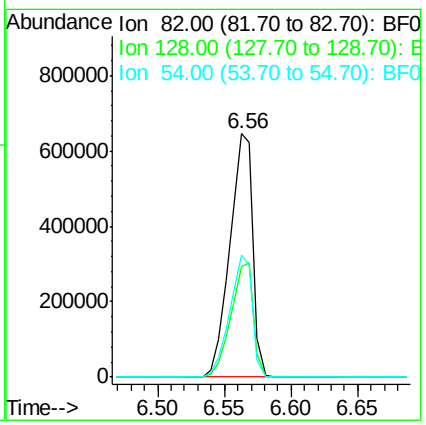


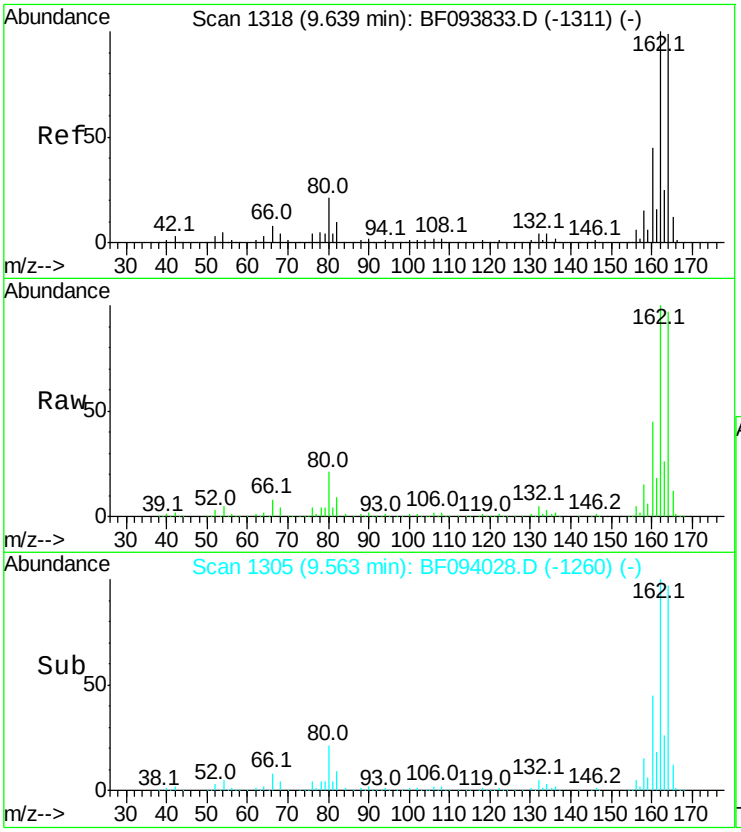


#23
Nitrobenzene-d5
Concen: 64.11 ng
RT: 6.56 min Scan# 795
Delta R.T. -0.04 min
Lab File: BF094028.D
Acq: 29 Mar 2017 19:44

Tgt Ion: 82 Resp: 779894

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.0	51.0
54	50.2	42.2	63.2



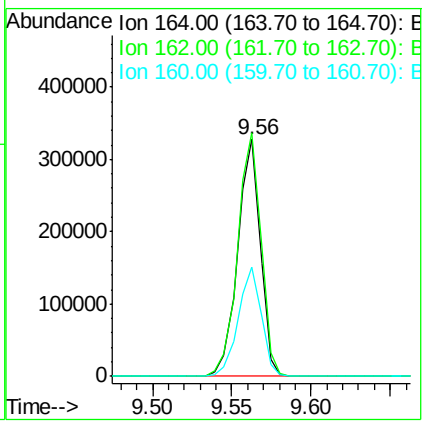


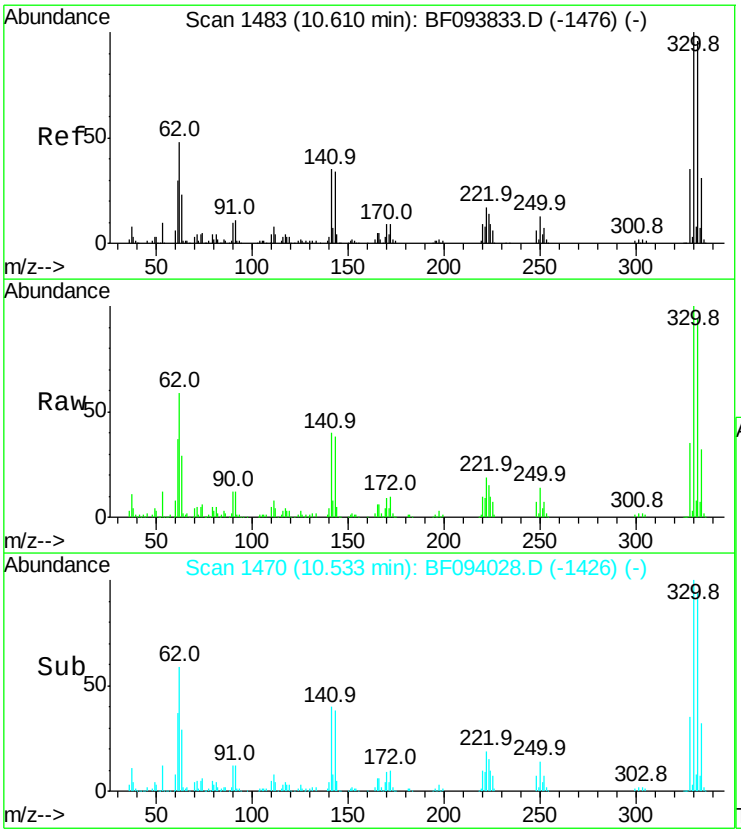
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 1305
Delta R.T. -0.04 min
Lab File: BF094028.D
Acq: 29 Mar 2017 19:44

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41

Tgt Ion:164 Resp: 323328

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	46.1	36.2	54.2

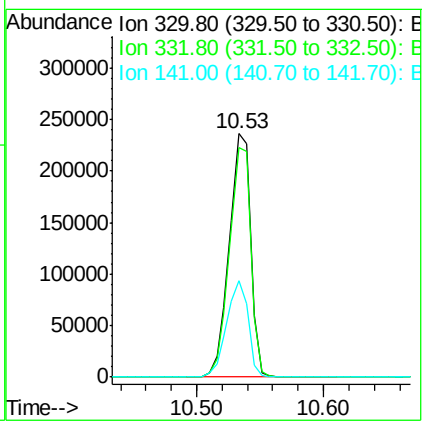


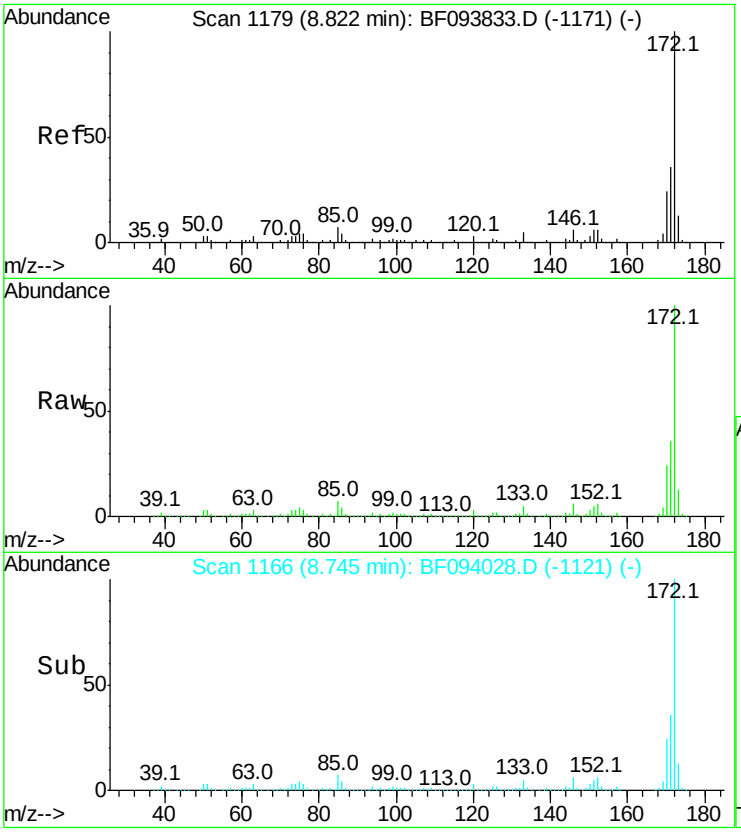


#41
2,4,6-Tribromophenol
Concen: 107.58 ng
RT: 10.53 min Scan# 1470
Delta R.T. -0.04 min
Lab File: BF094028.D
Acq: 29 Mar 2017 19:44

Tgt Ion:330 Resp: 274859

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.6	115.0
141	40.0	31.4	47.2



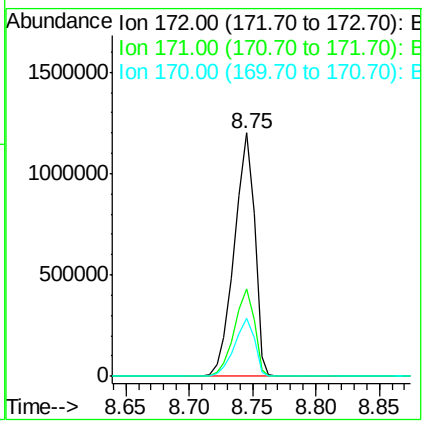


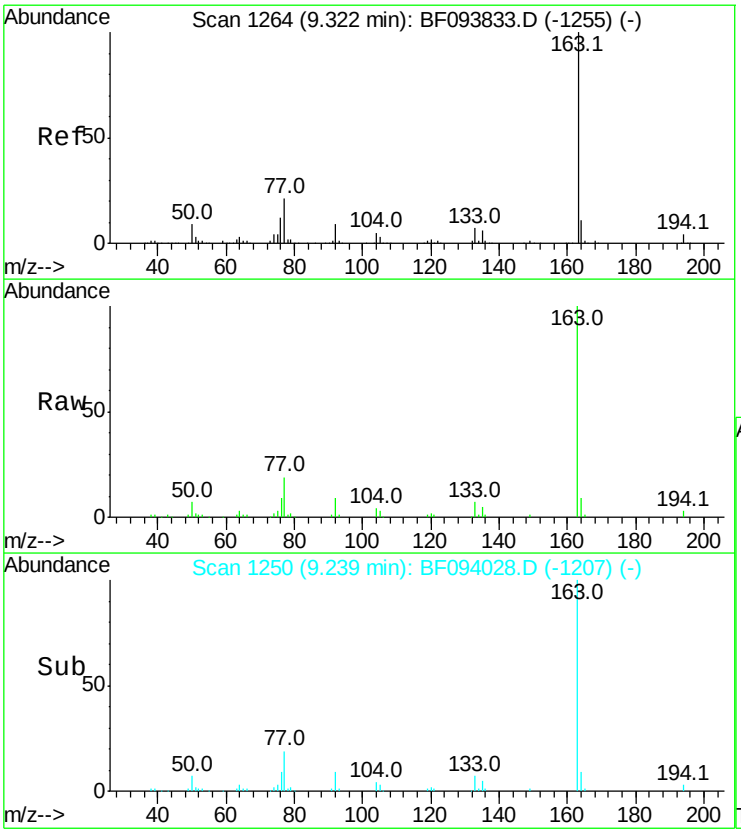
#44
2-Fluorobiphenyl
Concen: 62.37 ng
RT: 8.75 min Scan# 1166
Delta R.T. -0.04 min
Lab File: BF094028.D
Acq: 29 Mar 2017 19:44

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41

Tgt Ion:172 Resp: 1322135

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.1	19.8	29.8

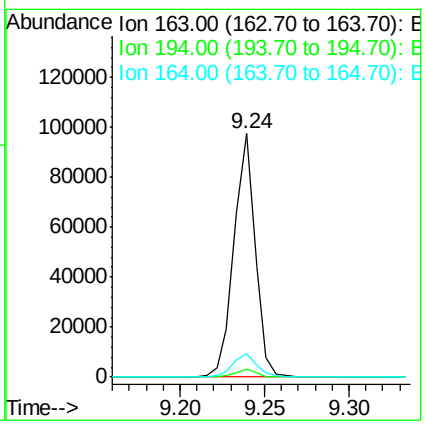


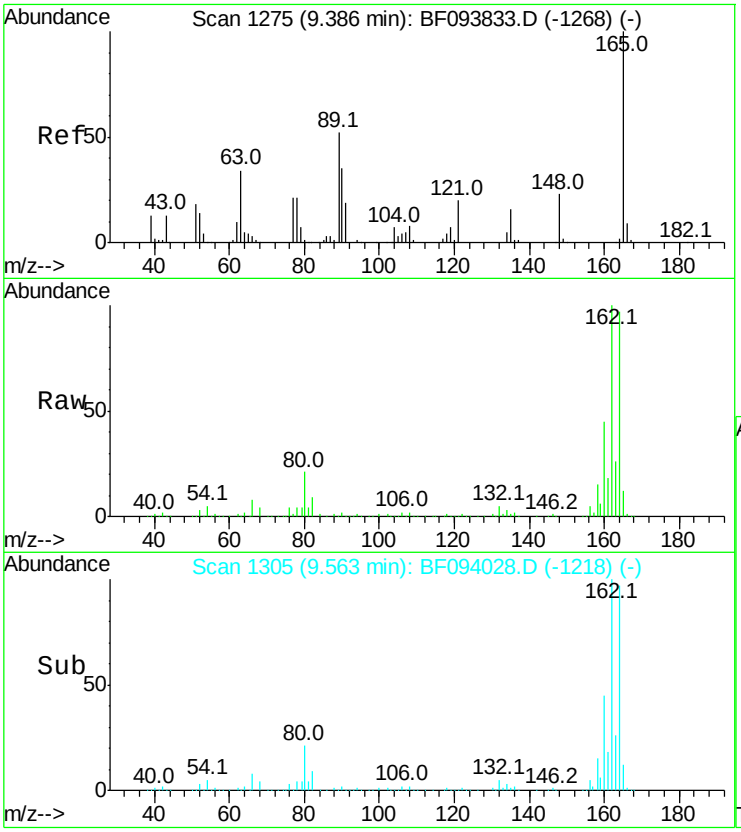


#49
Dimethylphthalate
Concen: 3.70 ng
RT: 9.24 min Scan# 1250
Delta R.T. -0.05 min
Lab File: BF094028.D
Acq: 29 Mar 2017 19:44

Tgt Ion:163 Resp: 85048

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.4	8.4	12.6



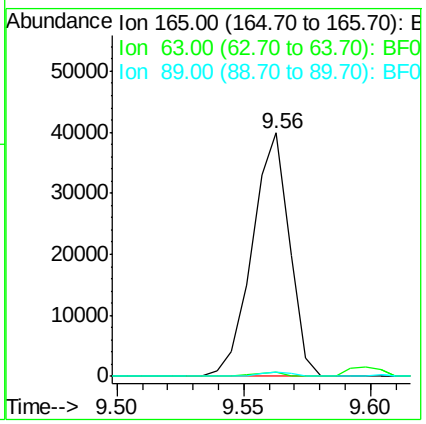


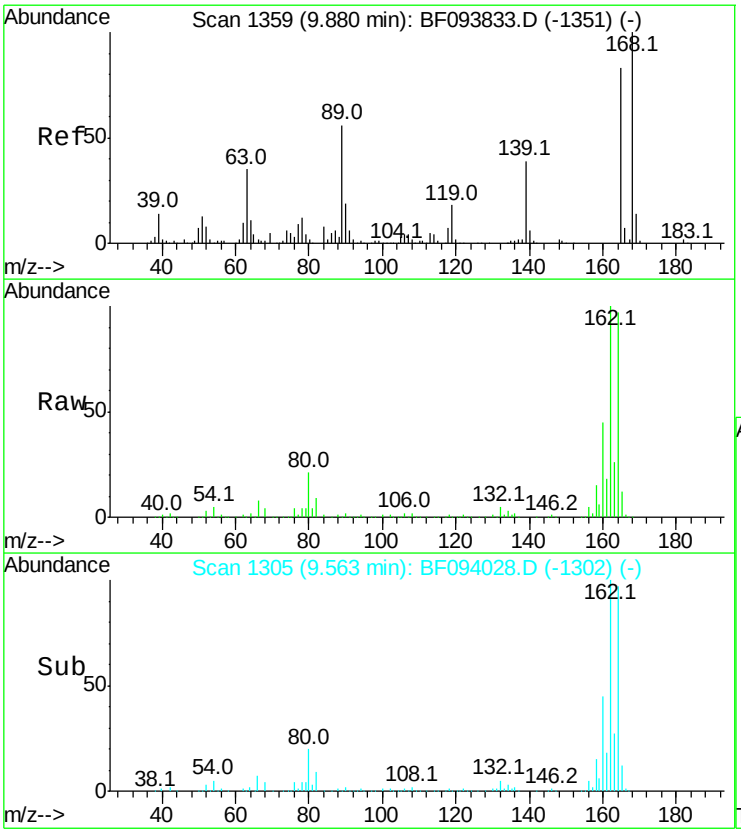
#50
2,6-Dinitrotoluene
Concen: 7.75 ng
RT: 9.56 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF094028.D
Acq: 29 Mar 2017 19:44

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41

Tgt Ion:165 Resp: 40820

Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	1.8	37.1	55.7#

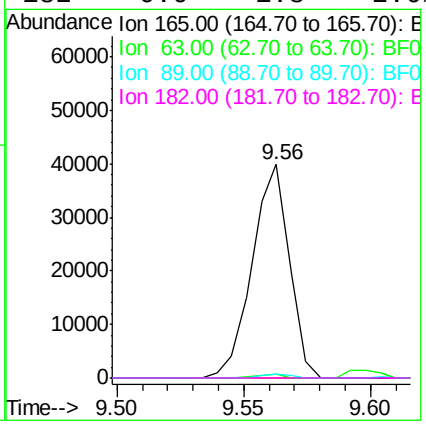


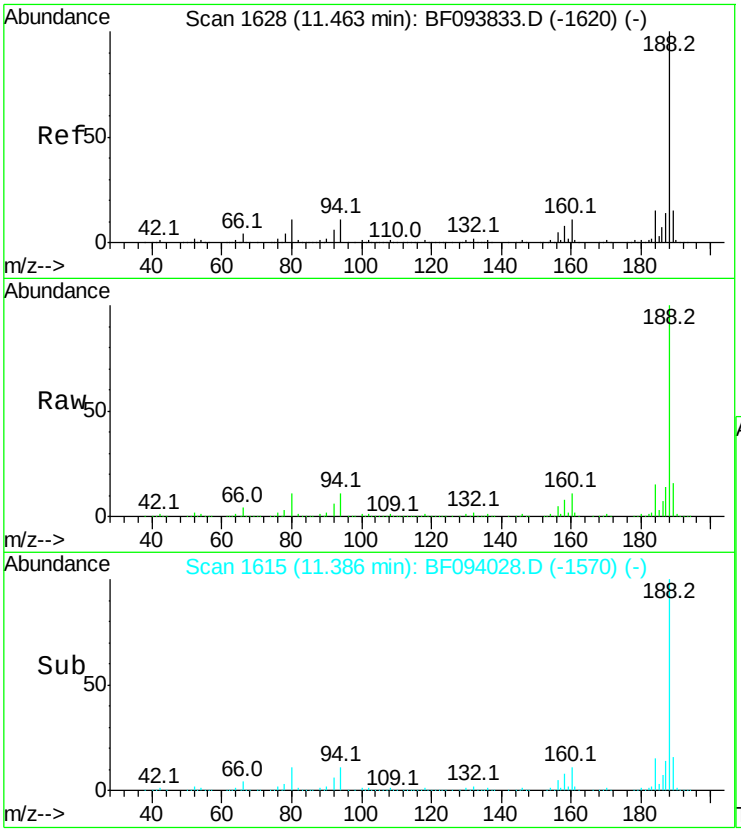


#56
2,4-Dinitrotoluene
Concen: 6.17 ng
RT: 9.56 min Scan# 1305
Delta R.T. -0.28 min
Lab File: BF094028.D
Acq: 29 Mar 2017 19:44

Tgt Ion:165 Resp: 40820

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



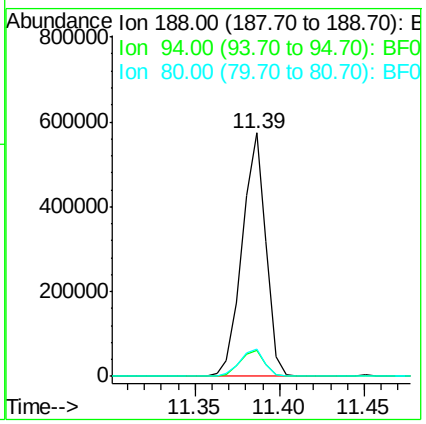


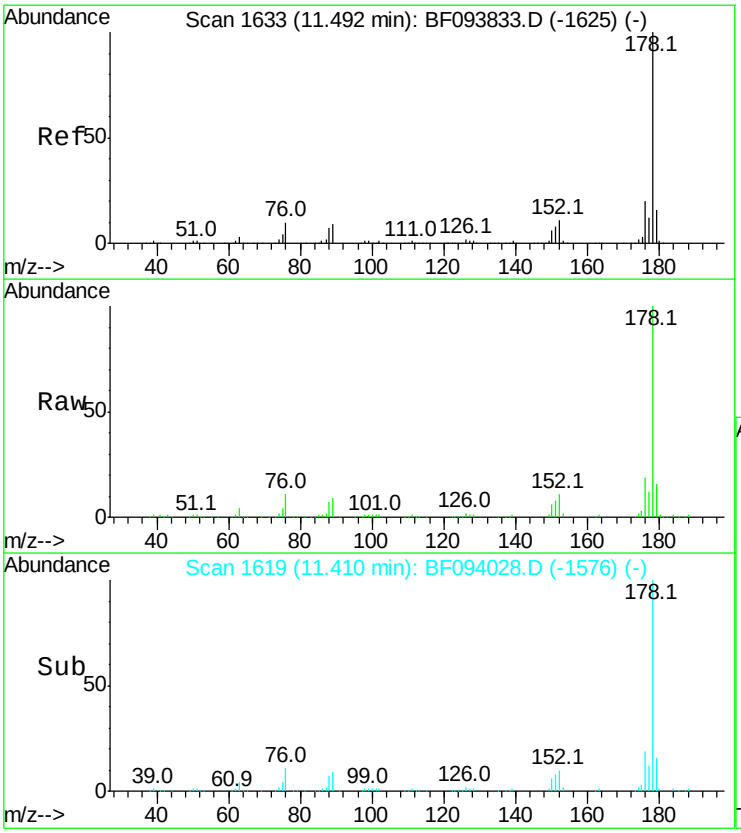
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1615
Delta R.T. -0.04 min
Lab File: BF094028.D
Acq: 29 Mar 2017 19:44

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41

Tgt Ion:188 Resp: 559666

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.4	10.2	15.2

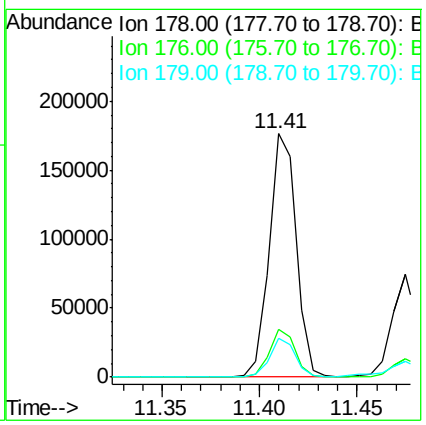


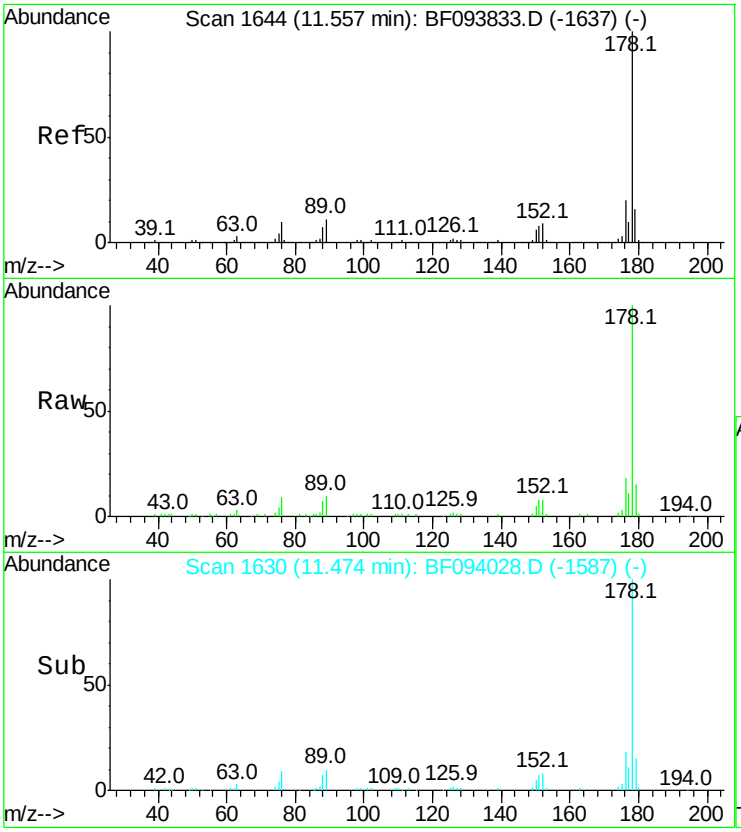


#70
Phenanthrene
Concen: 5.43 ng
RT: 11.41 min Scan# 1619
Delta R.T. -0.05 min
Lab File: BF094028.D
Acq: 29 Mar 2017 19:44

Tgt Ion:178 Resp: 169108

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.8	12.6	19.0



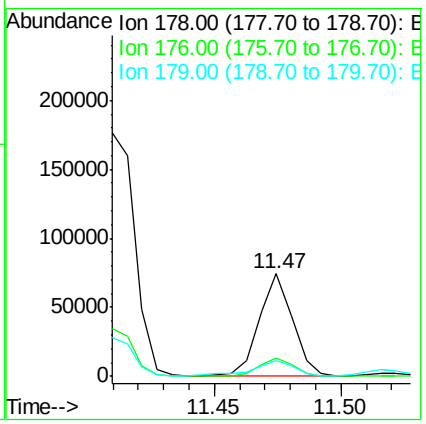


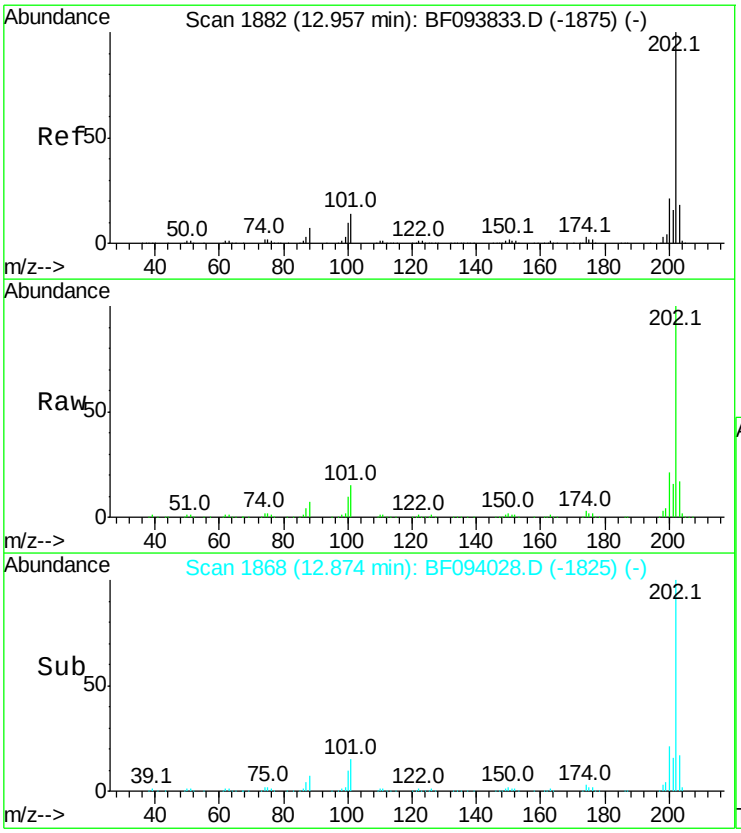
#71
Anthracene
Concen: 2.10 ng
RT: 11.47 min Scan# 1630
Delta R.T. -0.05 min
Lab File: BF094028.D
Acq: 29 Mar 2017 19:44

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41

Tgt Ion:178 Resp: 67345

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	15.0	12.7	19.1

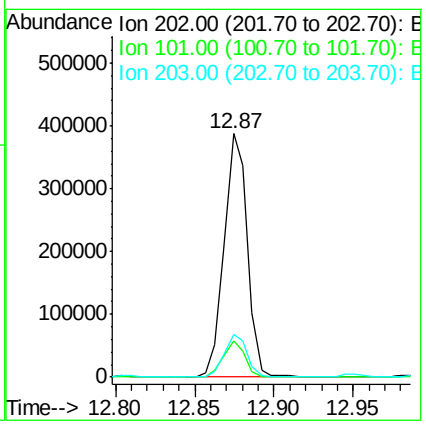


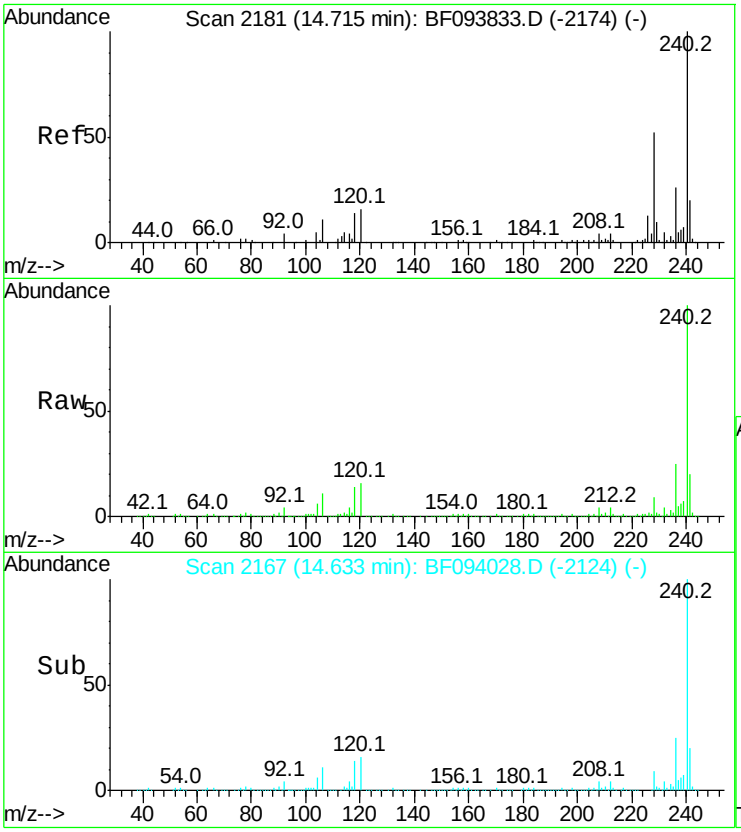


#74
Fluoranthene
Concen: 12.21 ng
RT: 12.87 min Scan# 1868
Delta R.T. -0.05 min
Lab File: BF094028.D
Acq: 29 Mar 2017 19:44

Tgt Ion:202 Resp: 389213

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	33.2
203	17.3	0.0	38.1



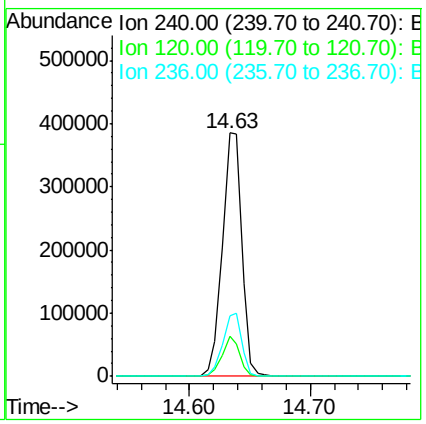


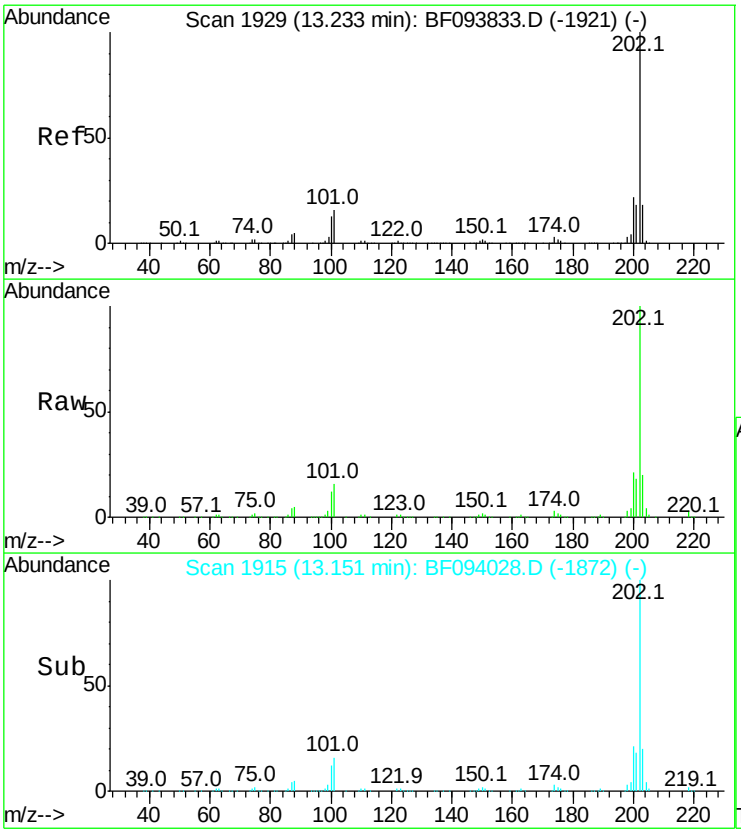
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.63 min Scan# 2167
Delta R.T. -0.05 min
Lab File: BF094028.D
Acq: 29 Mar 2017 19:44

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41

Tgt Ion:240 Resp: 430317

Ion	Ratio	Lower	Upper
240	100		
120	16.5	5.8	8.8#
236	24.7	20.5	30.7

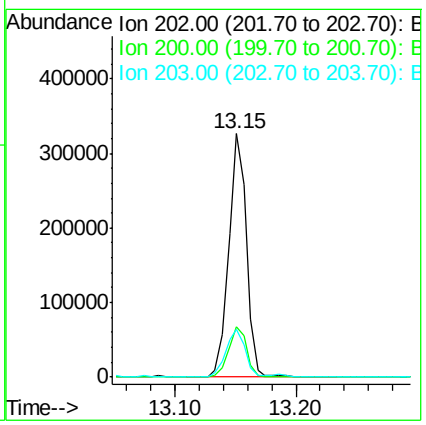


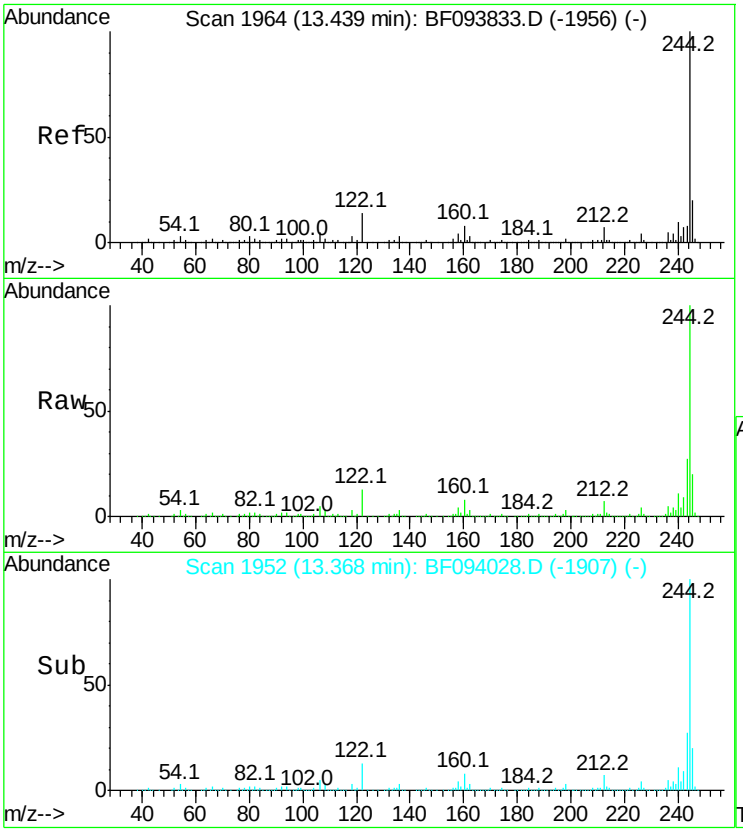


#77
Pyrene
Concen: 10.69 ng
RT: 13.15 min Scan# 1915
Delta R.T. -0.05 min
Lab File: BF094028.D
Acq: 29 Mar 2017 19:44

Tgt Ion:202 Resp: 333827

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	19.6	14.4	21.6



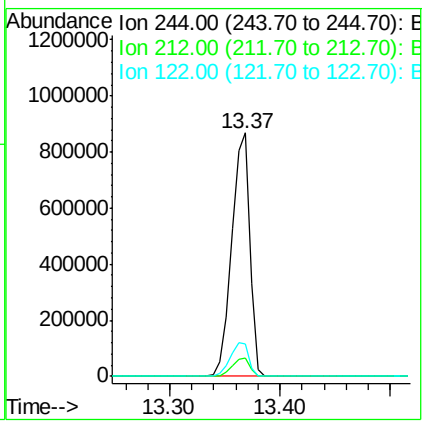


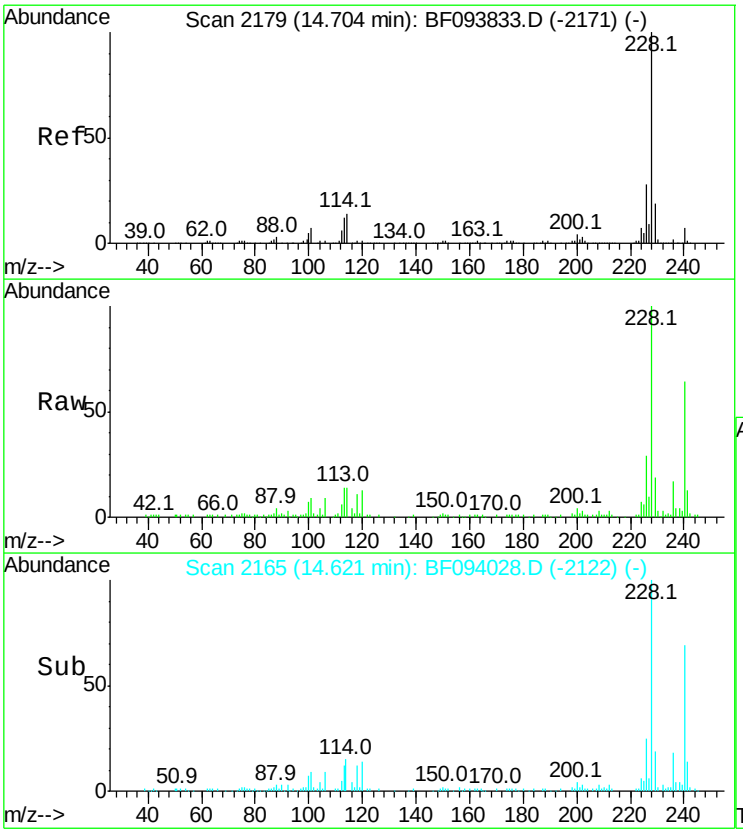
#78
Terphenyl-d14
Concen: 52.10 ng
RT: 13.37 min Scan# 1952
Delta R.T. -0.04 min
Lab File: BF094028.D
Acq: 29 Mar 2017 19:44

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41

Tgt Ion:244 Resp: 1000123

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.1	10.3	15.5

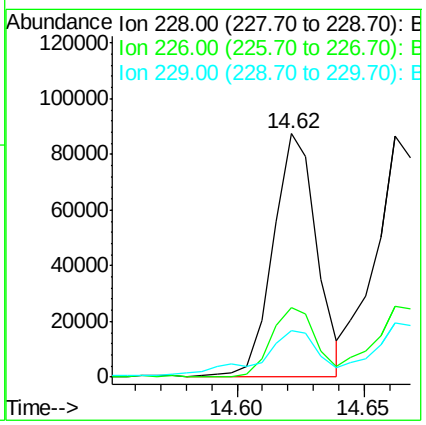


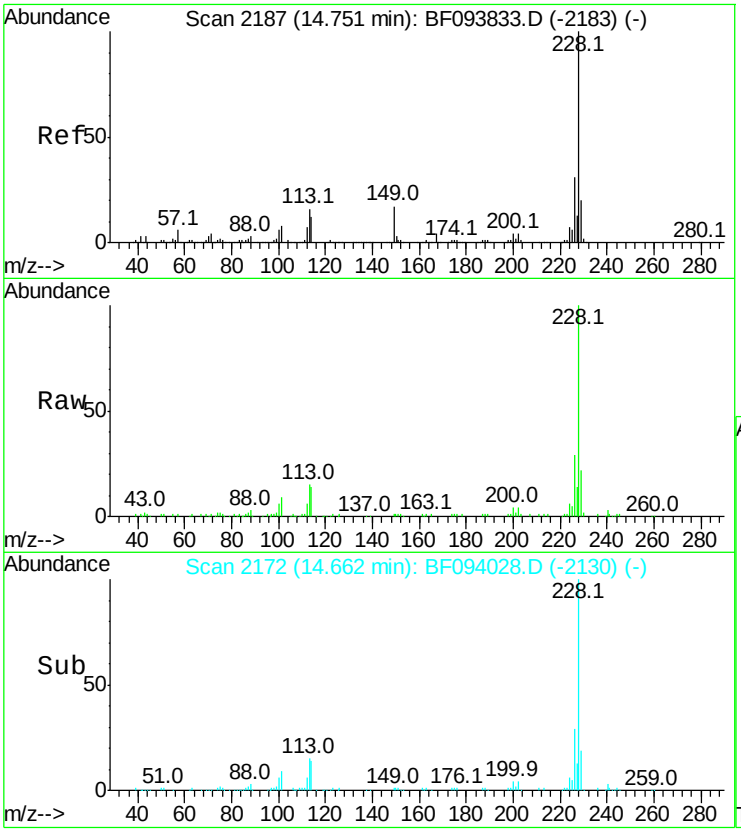


#80
Benzo(a)anthracene
Concen: 4.15 ng
RT: 14.62 min Scan# 2165
Delta R.T. -0.05 min
Lab File: BF094028.D
Acq: 29 Mar 2017 19:44

Tgt Ion:228 Resp: 104064

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	19.3	16.3	24.5



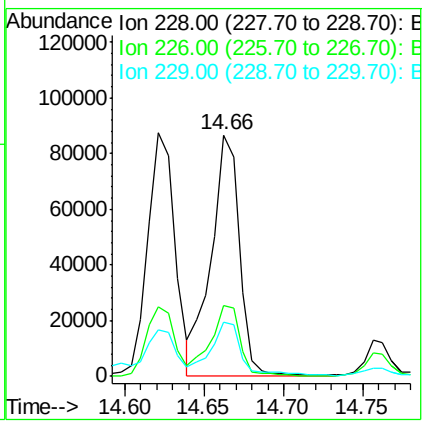


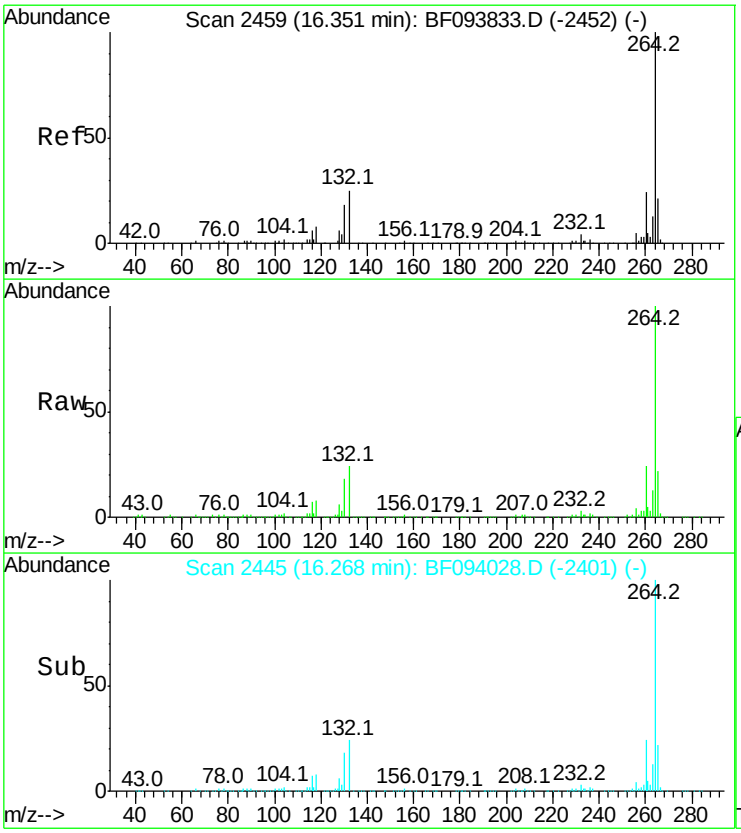
#82
Chrysene
Concen: 4.62 ng
RT: 14.66 min Scan# 2172
Delta R.T. -0.05 min
Lab File: BF094028.D
Acq: 29 Mar 2017 19:44

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41

Tgt Ion:228 Resp: 107560

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.9	37.3
229	22.5	15.8	23.6

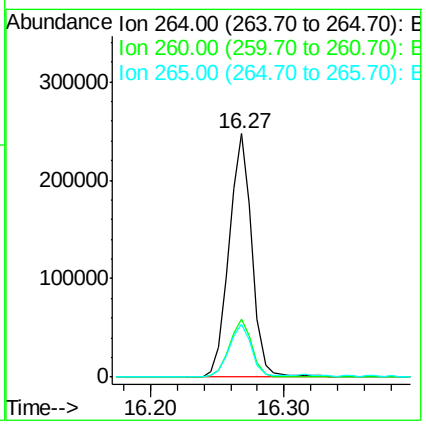


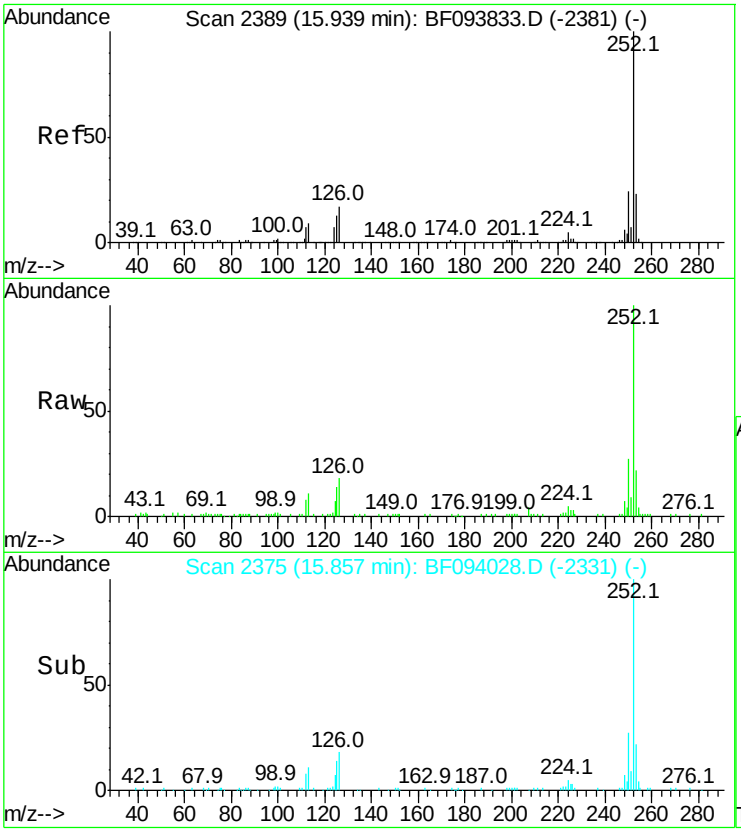


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.27 min Scan# 2445
Delta R.T. -0.04 min
Lab File: BF094028.D
Acq: 29 Mar 2017 19:44

Tgt Ion:264 Resp: 296386

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.0	17.2	25.8



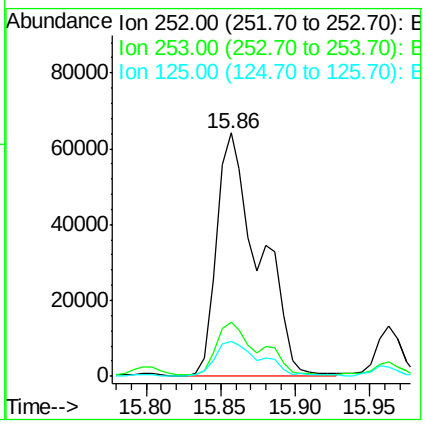


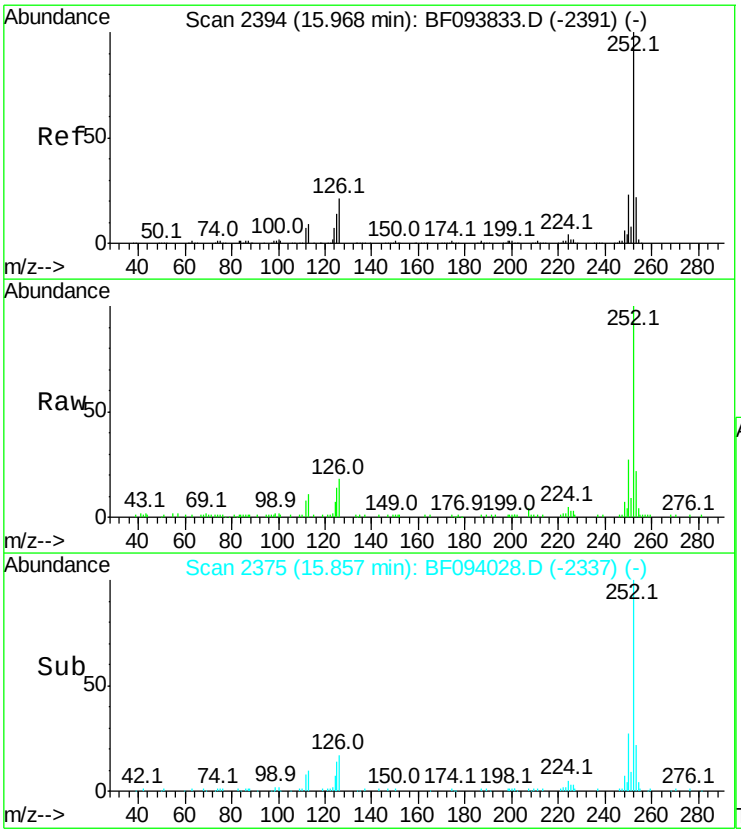
#87
Benzo(b)fluoranthene
Concen: 7.04 ng
RT: 15.86 min Scan# 2375
Delta R.T. -0.04 min
Lab File: BF094028.D
Acq: 29 Mar 2017 19:44

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41

Tgt Ion:252 Resp: 127861

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	14.1	9.8	14.8

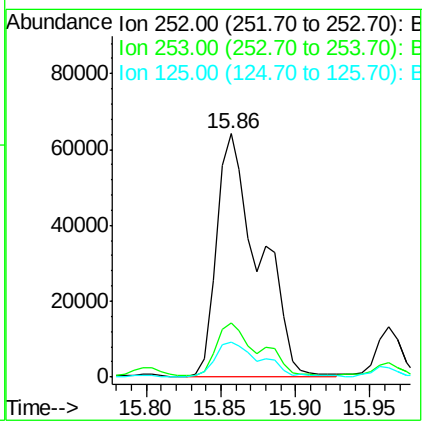


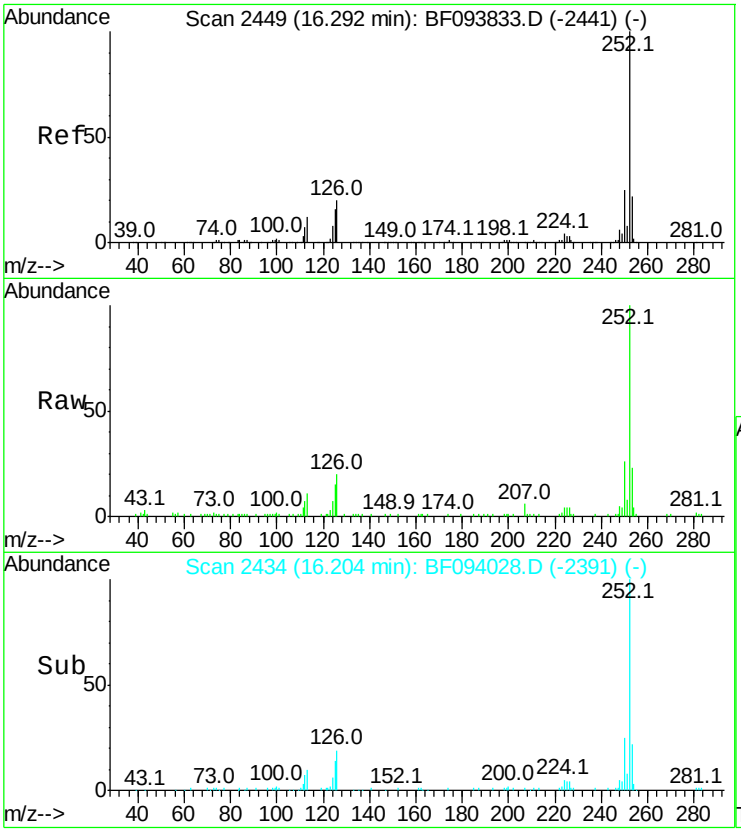


#88
Benzo(k)fluoranthene
Concen: 7.19 ng
RT: 15.86 min Scan# 2375
Delta R.T. -0.08 min
Lab File: BF094028.D
Acq: 29 Mar 2017 19:44

Tgt Ion:252 Resp: 127861

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	14.1	13.1	19.7



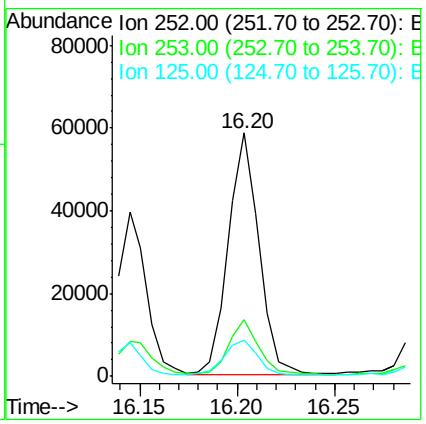


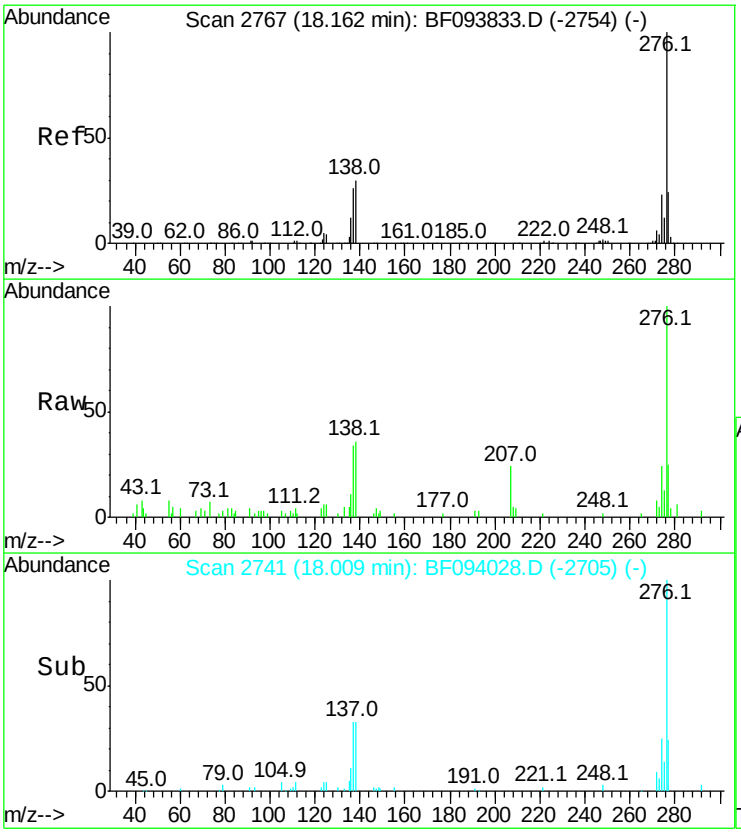
#89
Benzo(a)pyrene
Concen: 3.80 ng
RT: 16.20 min Scan# 2434
Delta R.T. -0.05 min
Lab File: BF094028.D
Acq: 29 Mar 2017 19:44

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41

Tgt Ion:252 Resp: 63563

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	15.0	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 2.52 ng
RT: 18.01 min Scan# 2741
Delta R.T. -0.09 min
Lab File: BF094028.D
Acq: 29 Mar 2017 19:44

Tgt Ion:276 Resp: 36052

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.6	28.0
138	35.5	25.4	38.0