Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
Data File : BF093921.D
Acq On : 24 Mar 2017 22:03
Operator : SJ/MA
Sample : I2367-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-CC10-SSW

Quant Time: Mar 24 23:06:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 02:02:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.96	152	188166	20.00	ng		-0.03
21) Naphthalene-d8	7.46	136	820511	20.00	ng		-0.03
38) Acenaphthene-d10	9.60	164	330571	20.00	ng		-0.04
63) Phenanthrene-d10	11.43	188	536762	20.00	ng		-0.04
75) Chrysene-d12	14.68	240	343219	20.00	ng		-0.04
86) Perylene-d12	16.32	264	313136	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	4.49	112	1282448	115.11	ng		-0.01
7) Phenol-d6	5.56	99	1663457	120.70	ng		0.00
23) Nitrobenzene-d5	6.61	82	1114104	77.49	ng		-0.03
41) 2,4,6-Tribromophenol	10.58	330	311196	119.13	ng		-0.03
44) 2-Fluorobiphenyl	8.79	172	1560727	72.01	ng		-0.04
78) Terphenyl-d14	13.41	244	975957	63.74	ng		-0.03
Target Compounds							Qvalue
10) Phenol	5.57	94	75697	4.83	ng		93
19) n-Nitroso-di-n-propylamine	6.61	70	149862	16.92	ng	#	79
20) 3+4-Methylphenols	6.43	107	45037	3.55	ng	#	59
29) 2,4-Dichlorophenol	7.29	162	42095	3.86	ng		99
49) Dimethylphthalate	9.28	163	272209	11.58	ng		99
56) 2,4-Dinitrotoluene	9.60	165	44518	6.58	ng	#	34
70) Phenanthrene	11.46	178	260340	8.72	ng		99
74) Fluoranthene	12.95	202	311877	10.20	ng		98
77) Pyrene	13.20	202	266963	10.72	ng		98
80) Benzo(a)anthracene	14.67	228	98774	4.94	ng		99
82) Chrysene	14.71	228	104462	5.62	ng		97
85) Indeno(1,2,3-cd)pyrene	17.69	276	54727	3.40	ng		93
87) Benzo(b)fluoranthene	15.90	252	161662	8.42	ng	#	95
88) Benzo(k)fluoranthene	15.90	252	161662	8.61	ng		98
89) Benzo(a)pyrene	16.25	252	87254	4.94	ng		96
91) Benzo(g,h,i)perylene	18.09	276	50892	3.37	ng		92

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

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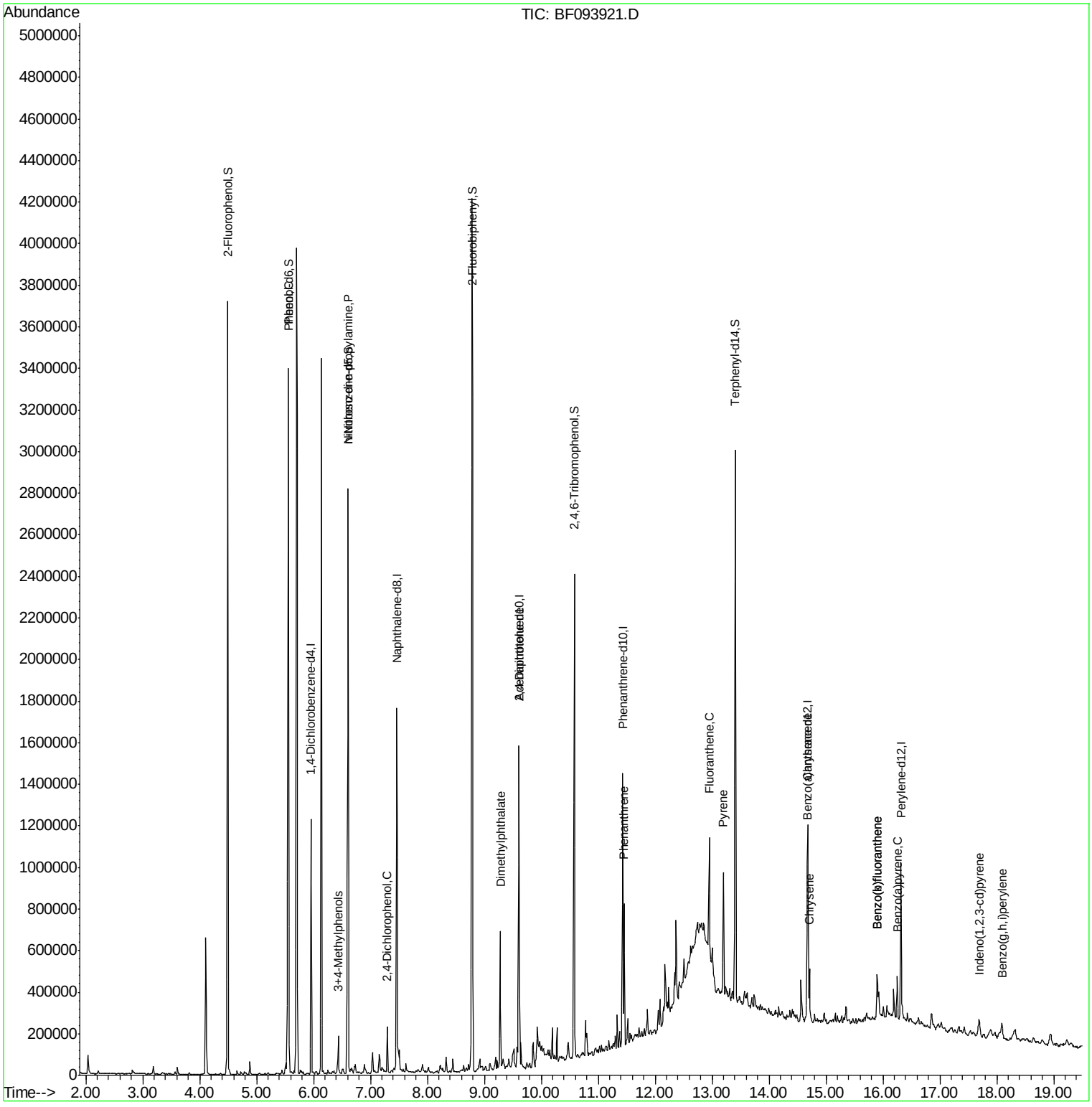
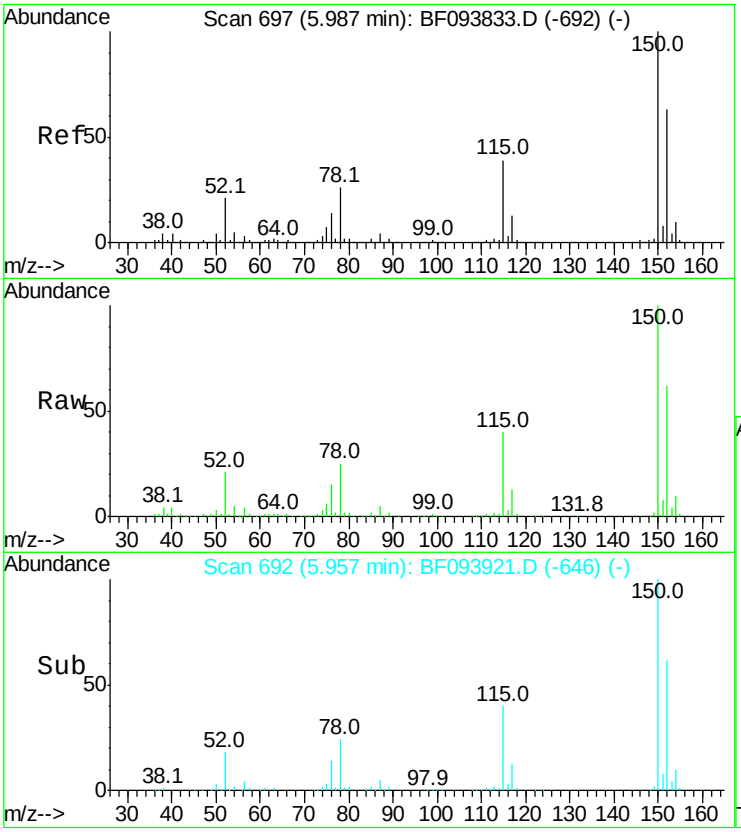


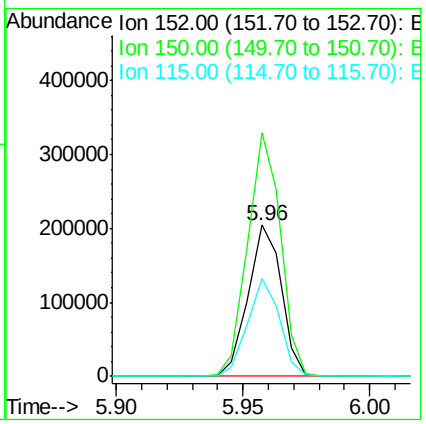


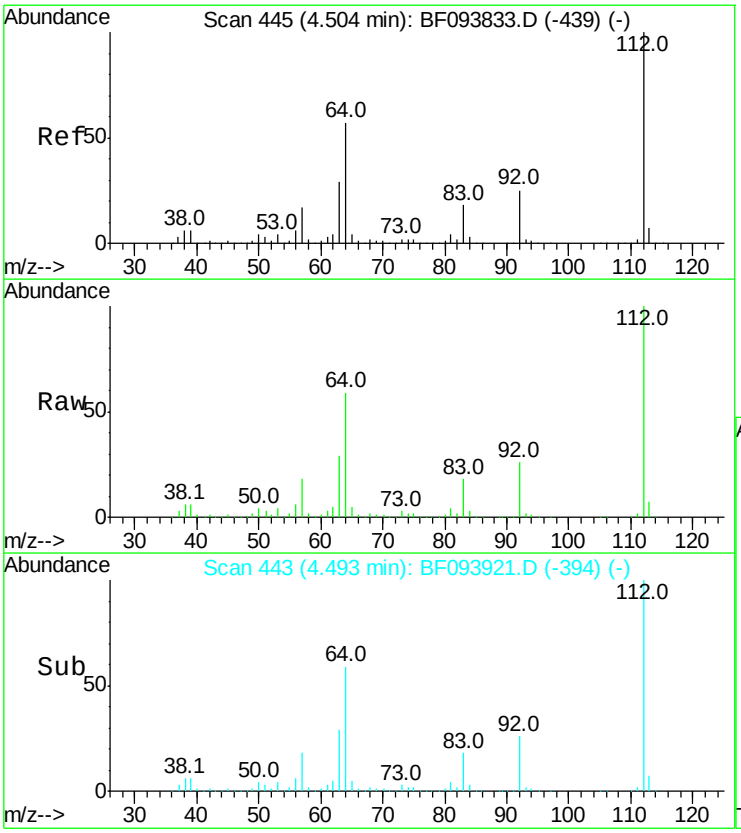
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.96 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Instrument :
BNA_F
ClientSampleId :
E2-CC10-SSW

Tgt Ion:152 Resp: 188166

Ion	Ratio	Lower	Upper
152	100		
150	160.9	126.2	189.2
115	64.3	52.2	78.2

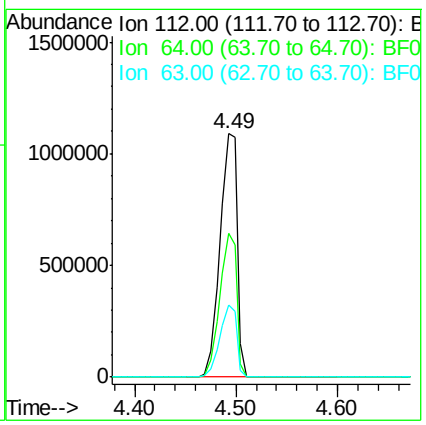


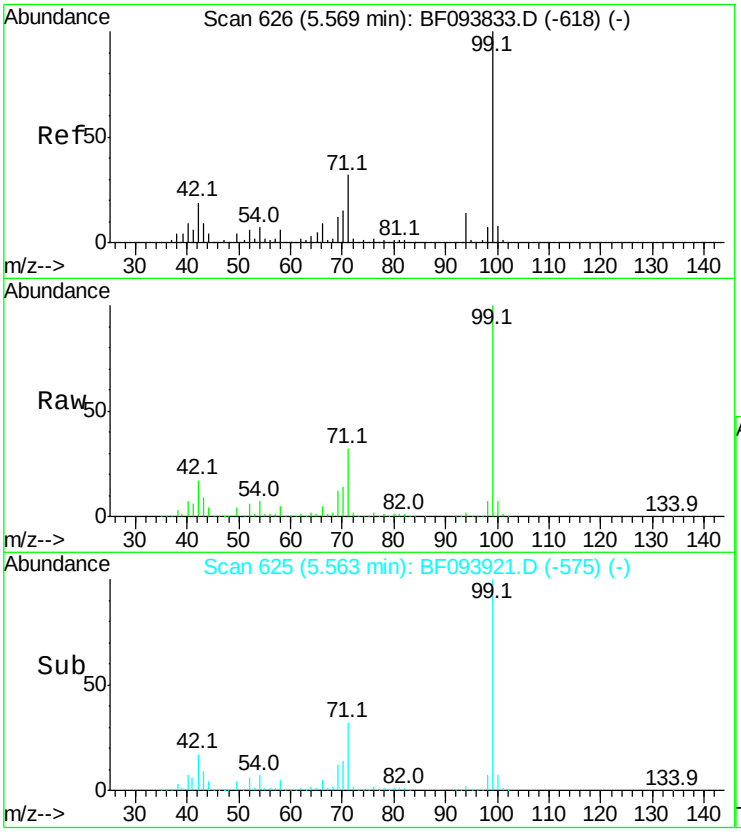


#5
2-Fluorophenol
Concen: 115.11 ng
RT: 4.49 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Tgt Ion:112 Resp: 1282448

Ion	Ratio	Lower	Upper
112	100		
64	58.9	46.0	69.0
63	29.4	23.4	35.0



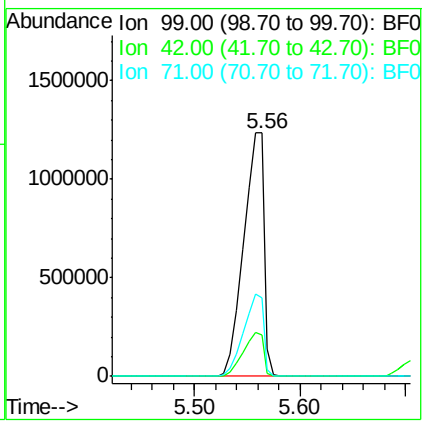


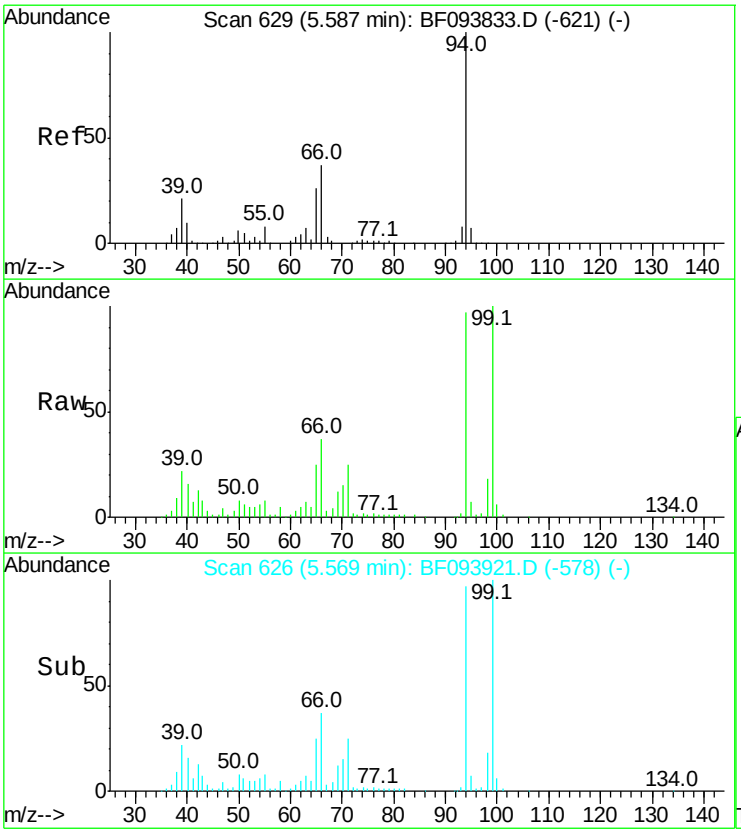
#7
Phenol-d6
Concen: 120.70 ng
RT: 5.56 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Instrument :
BNA_F
ClientSampleId :
E2-CC10-SSW

Tgt Ion: 99 Resp: 1663457

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	32.4	24.5	36.7

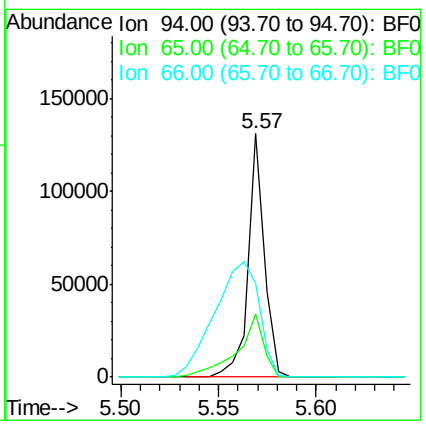


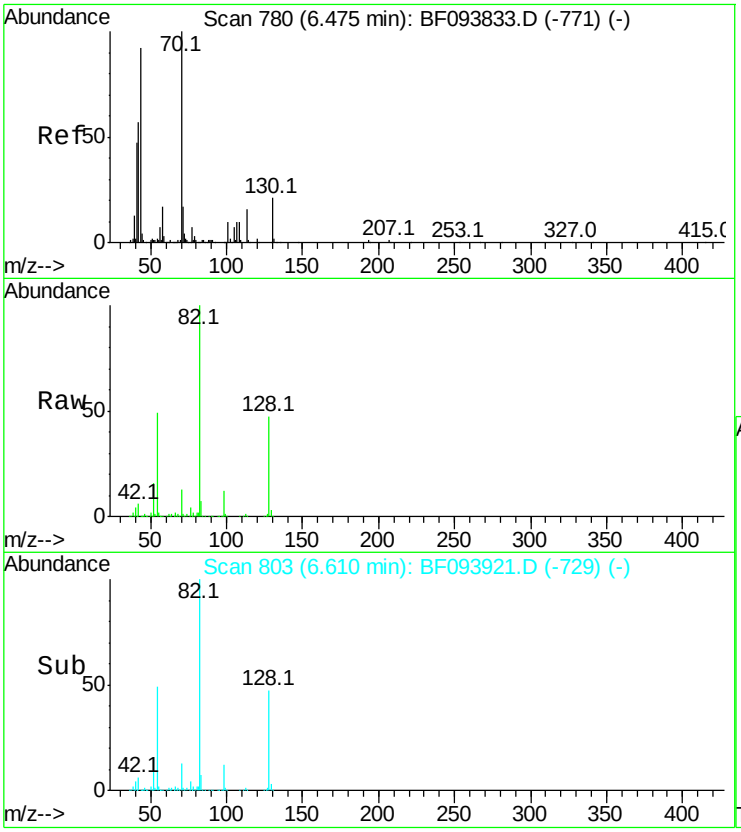


#10
Phenol
Concen: 4.83 ng
RT: 5.57 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Tgt Ion: 94 Resp: 75697

Ion	Ratio	Lower	Upper
94	100		
65	25.8	9.9	49.9
66	38.6	23.1	63.1



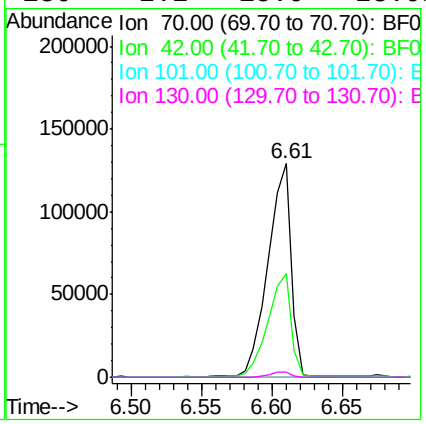


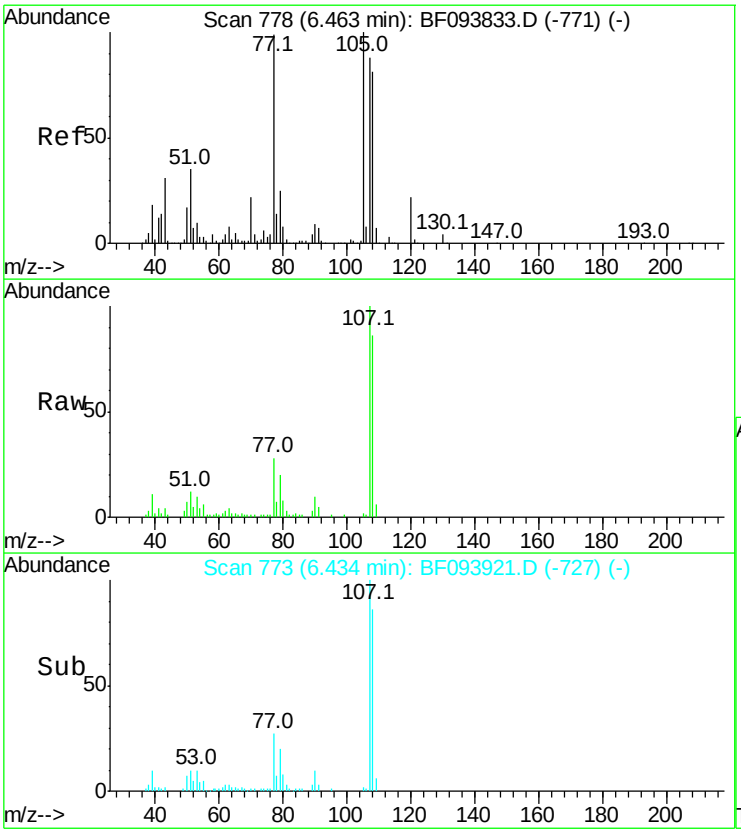
#19
n-Nitroso-di-n-propylamine
Concen: 16.92 ng
RT: 6.61 min Scan# 803
Delta R.T. 0.14 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Instrument :
BNA_F
ClientSampleId :
E2-CC10-SSW

Tgt Ion: 70 Resp: 149862

Ion	Ratio	Lower	Upper
70	100		
42	48.5	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

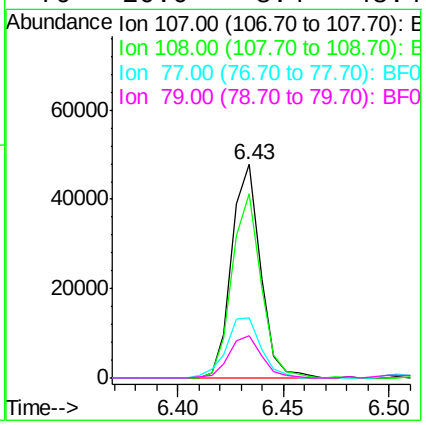


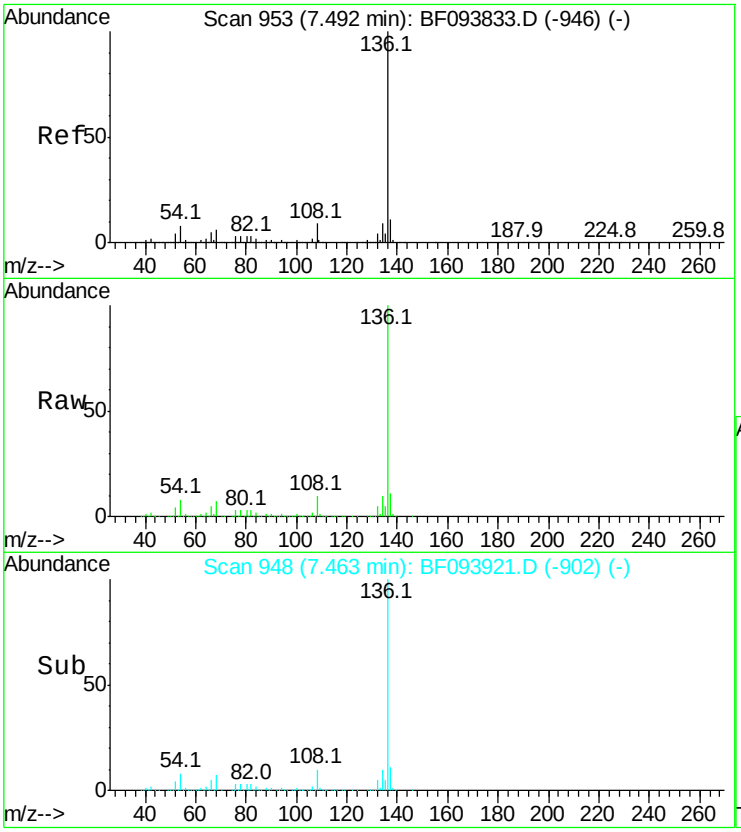


#20
3+4-Methylphenols
Concen: 3.55 ng
RT: 6.43 min Scan# 773
Delta R.T. -0.03 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Tgt Ion:107 Resp: 45037

Ion	Ratio	Lower	Upper
107	100		
108	86.4	71.0	111.0
77	27.9	90.5	130.5#
79	20.0	8.4	48.4



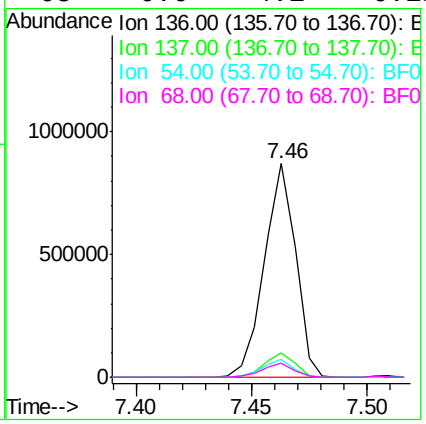


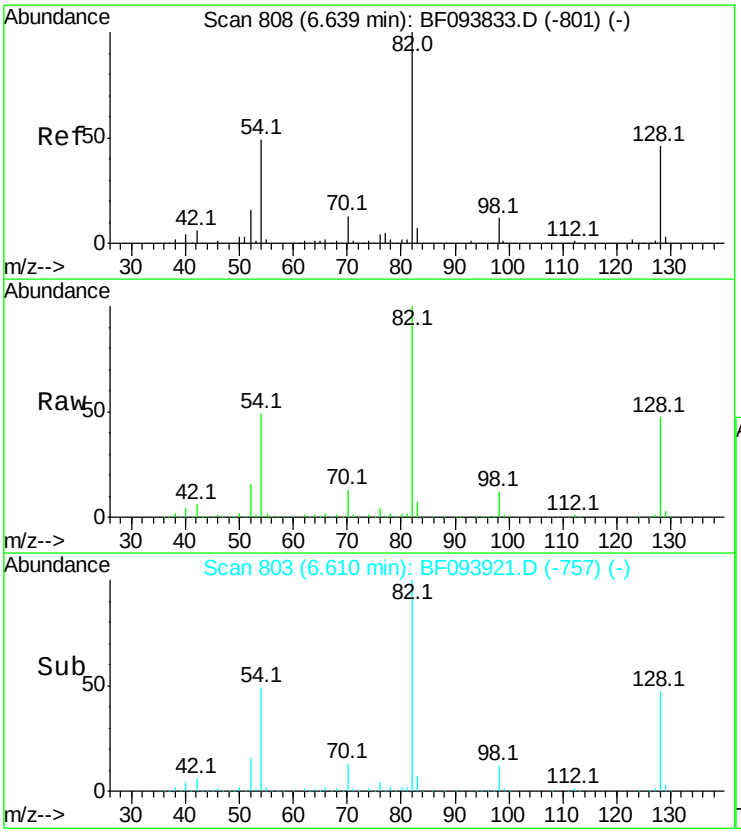
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.46 min Scan# 948
Delta R.T. -0.03 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Instrument : BNA_F
ClientSampleId : E2-CC10-SSW

Tgt Ion:136 Resp: 820511

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	8.1	4.9	7.3#
68	6.6	4.1	6.1#

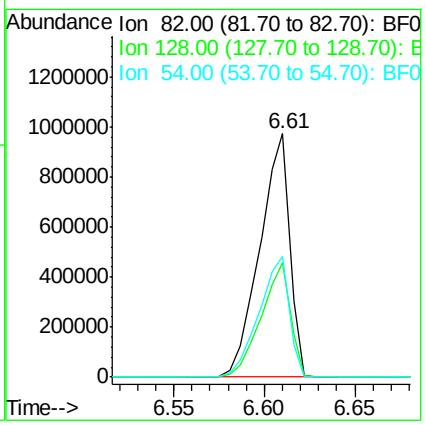


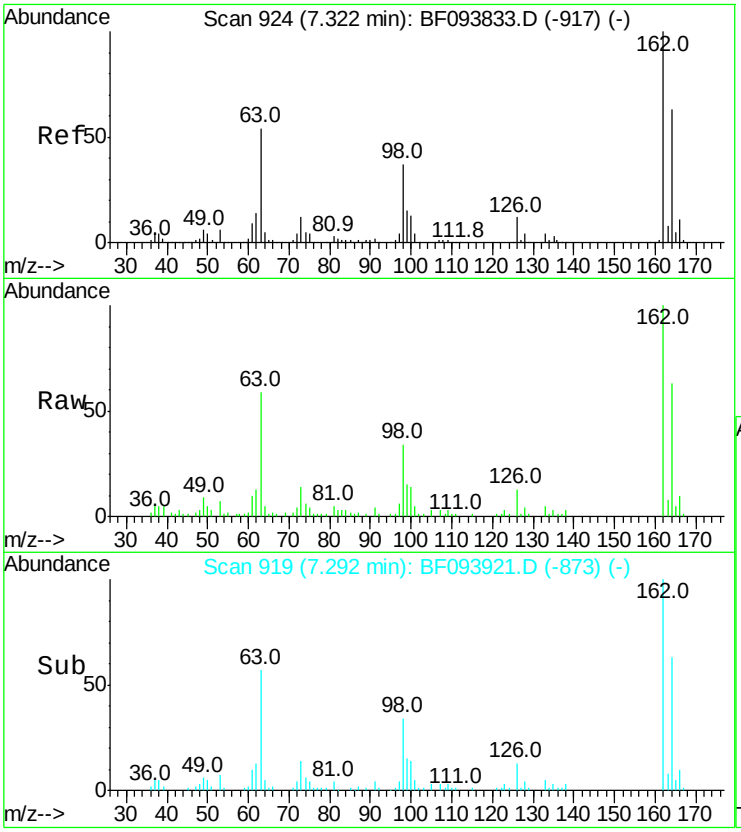


#23
Nitrobenzene-d5
Concen: 77.49 ng
RT: 6.61 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Tgt Ion: 82 Resp: 1114104

Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.0	51.0
54	49.4	42.2	63.2



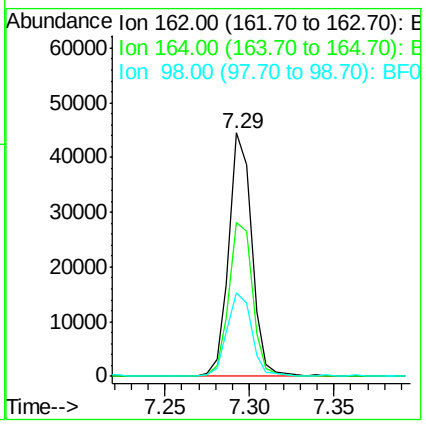


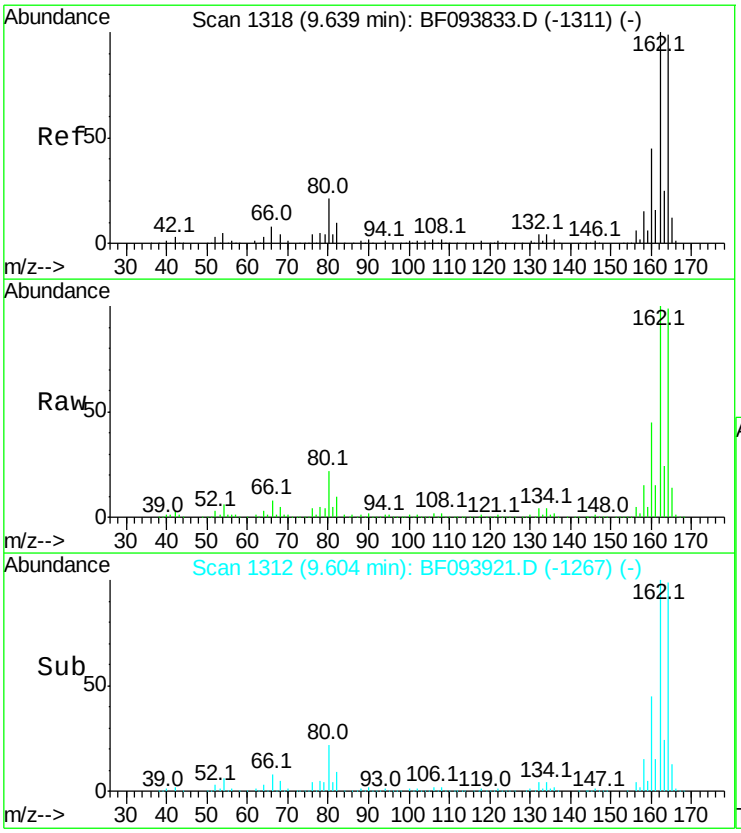
#29
2,4-Dichlorophenol
Concen: 3.86 ng
RT: 7.29 min Scan# 919
Delta R.T. -0.03 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Instrument :
BNA_F
ClientSampleId :
E2-CC10-SSW

Tgt Ion:162 Resp: 42095

Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.6	84.6
98	34.5	14.8	54.8

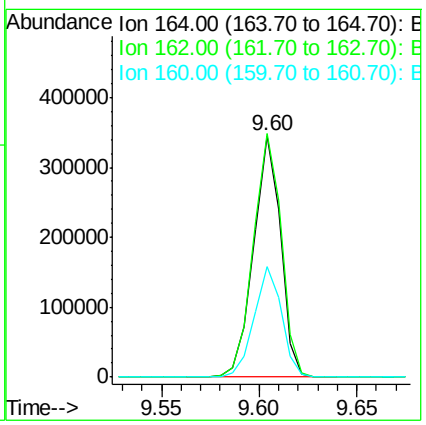


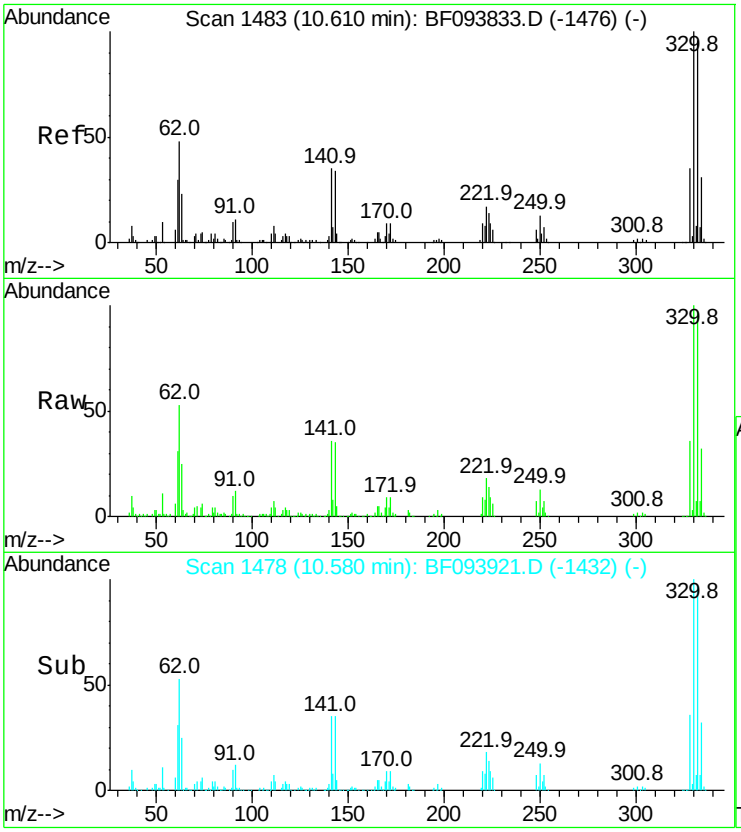


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 1312
Delta R.T. -0.04 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Tgt Ion:164 Resp: 330571

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.6	123.8
160	45.5	36.2	54.2



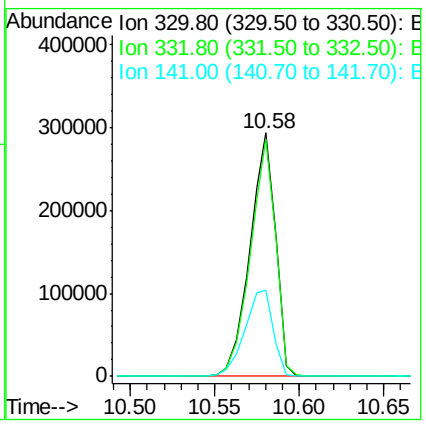


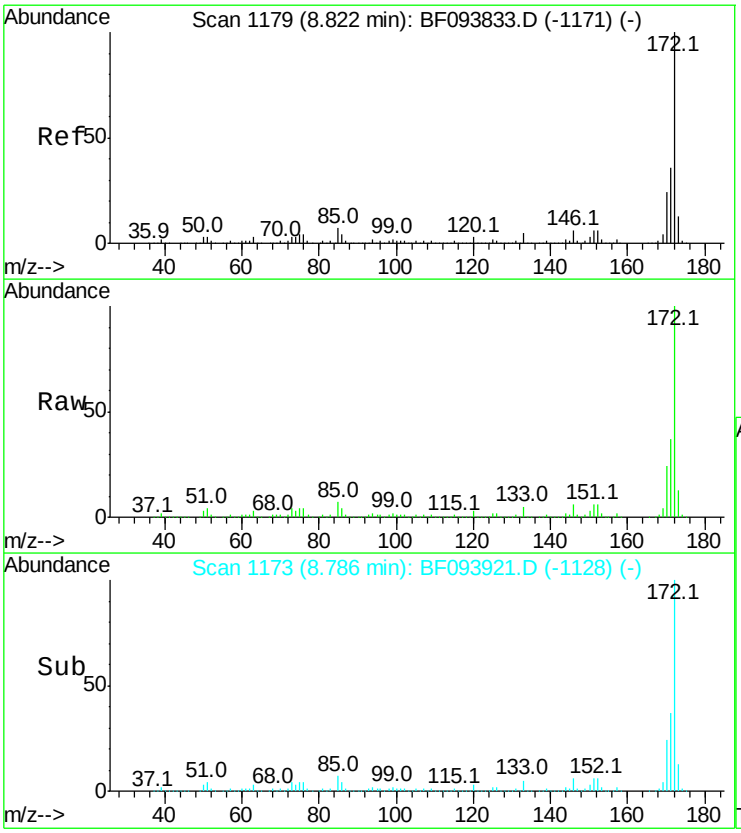
#41
2,4,6-Tribromophenol
Concen: 119.13 ng
RT: 10.58 min Scan# 1478
Delta R.T. -0.03 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Instrument :
BNA_F
ClientSampleId :
E2-CC10-SSW

Tgt Ion:330 Resp: 311196

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	39.1	31.4	47.2

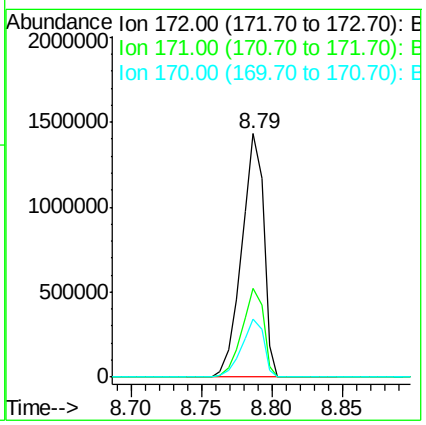


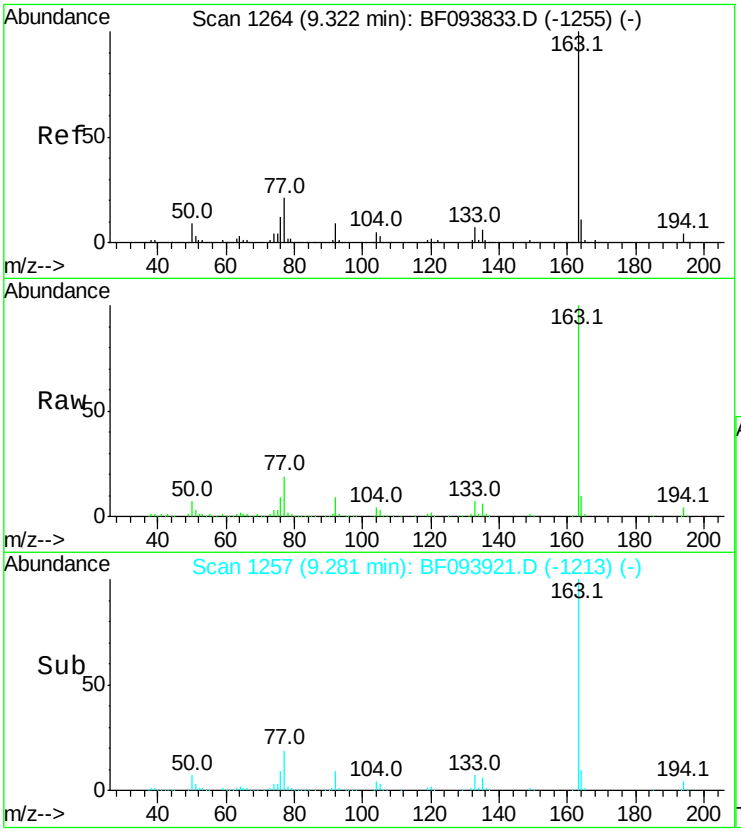


#44
2-Fluorobiphenyl
Concen: 72.01 ng
RT: 8.79 min Scan# 1173
Delta R.T. -0.04 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Tgt Ion:172 Resp: 1560727

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.9	19.8	29.8



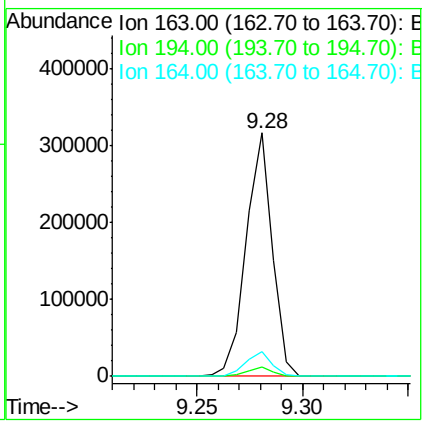


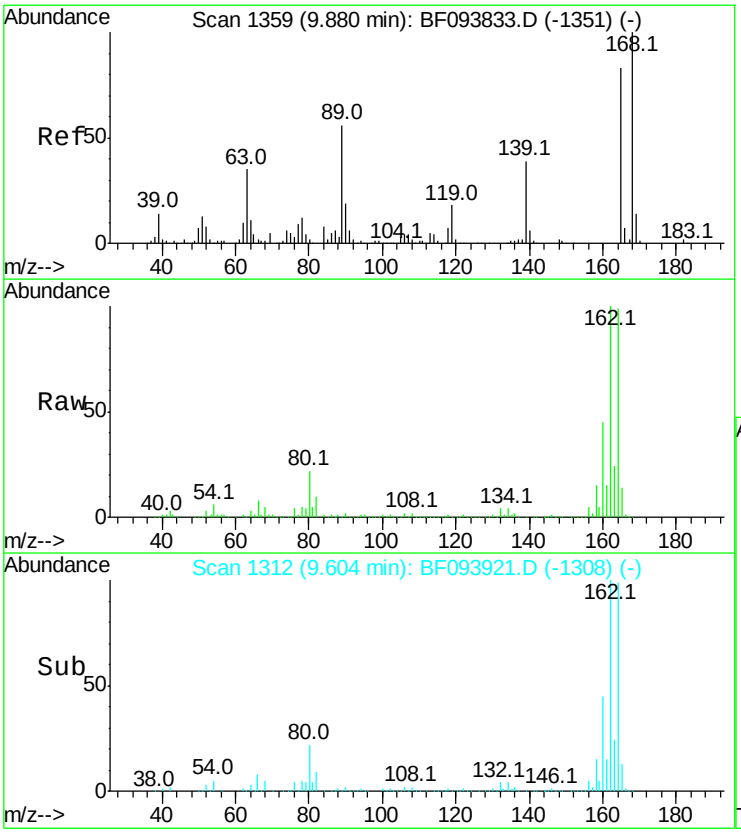
#49
Dimethylphthalate
Concen: 11.58 ng
RT: 9.28 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Instrument :
BNA_F
ClientSampleId :
E2-CC10-SSW

Tgt Ion:163 Resp: 272209

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.2	8.4	12.6

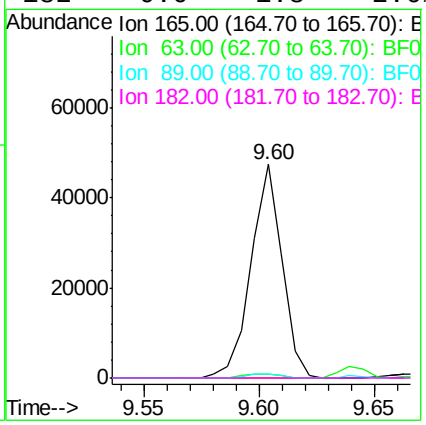


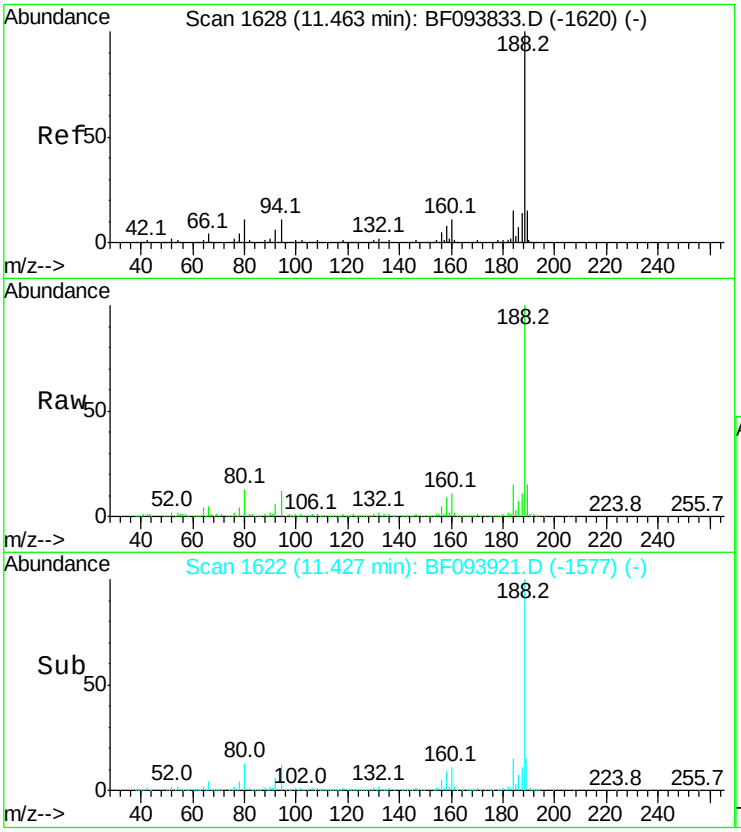


#56
2,4-Dinitrotoluene
Concen: 6.58 ng
RT: 9.60 min Scan# 1312
Delta R.T. -0.28 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Tgt Ion:165 Resp: 44518

Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#



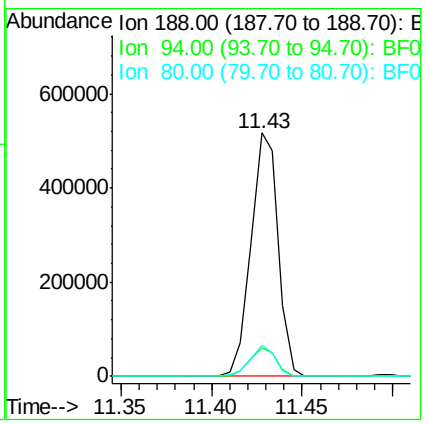


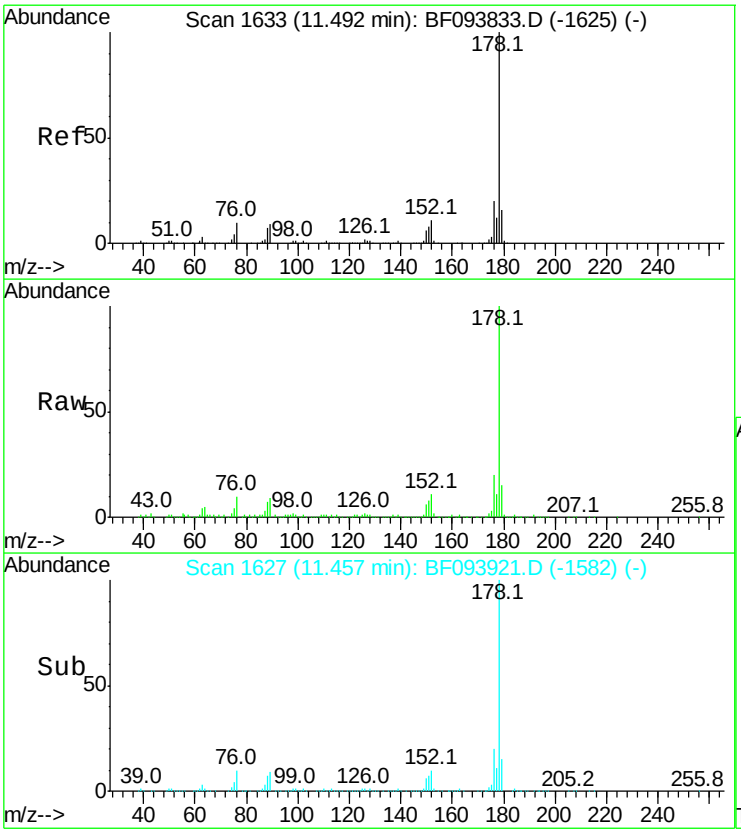
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1622
Delta R.T. -0.04 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Instrument :
BNA_F
ClientSampleId :
E2-CC10-SSW

Tgt Ion:188 Resp: 536762

Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.4	14.2
80	12.7	10.2	15.2

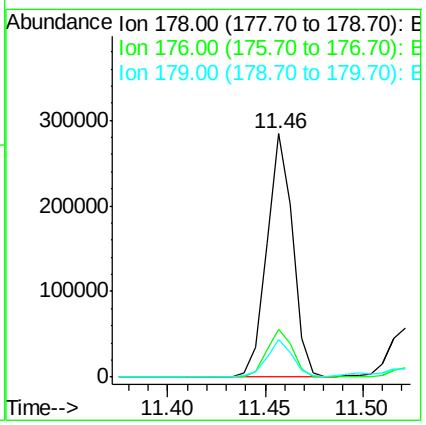


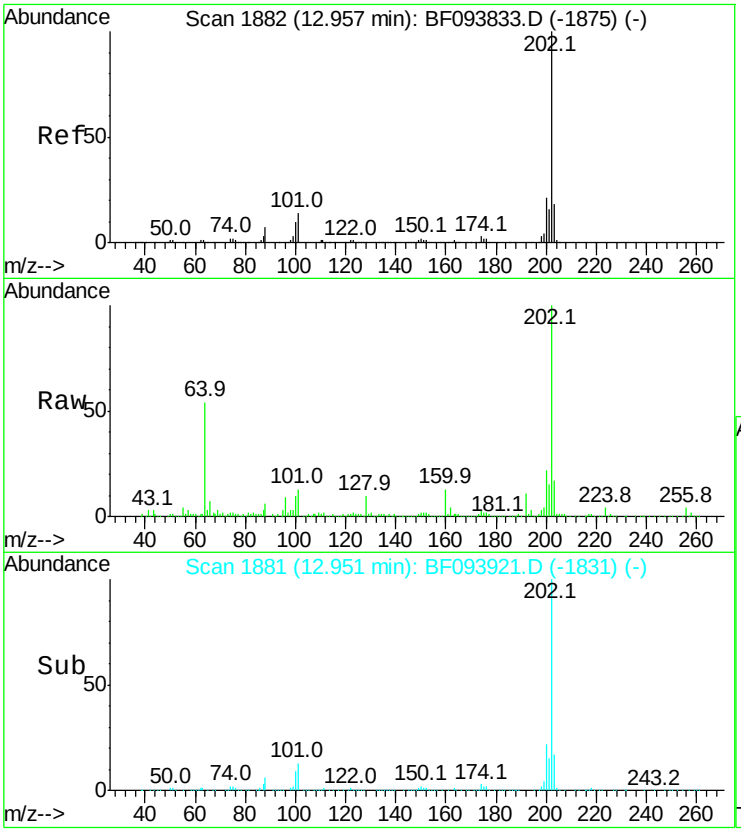


#70
Phenanthrene
Concen: 8.72 ng
RT: 11.46 min Scan# 1627
Delta R.T. -0.04 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Tgt Ion:178 Resp: 260340

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.4	12.6	19.0



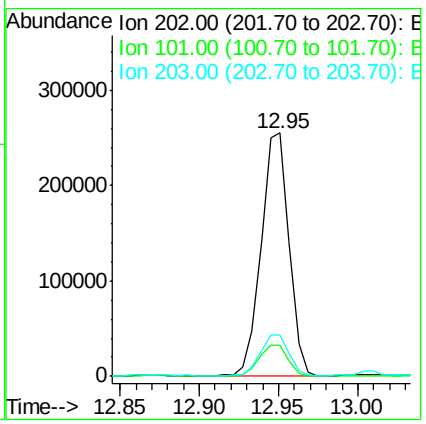


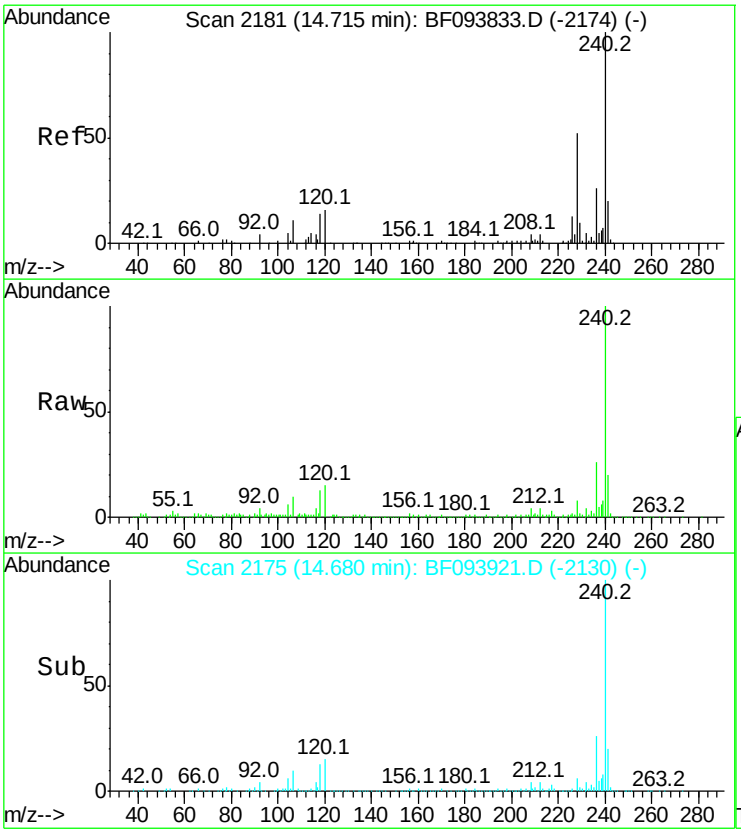
#74
Fluoranthene
Concen: 10.20 ng
RT: 12.95 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Instrument :
BNA_F
ClientSampleId :
E2-CC10-SSW

Tgt Ion:202 Resp: 311877

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.2
203	17.0	0.0	38.1

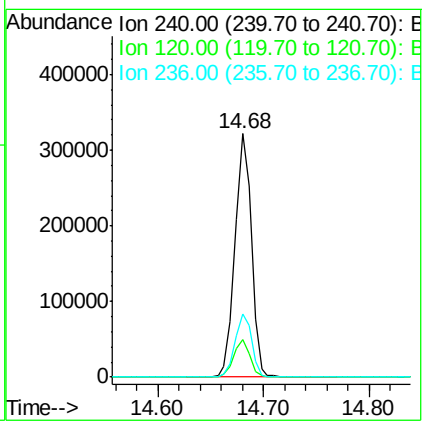


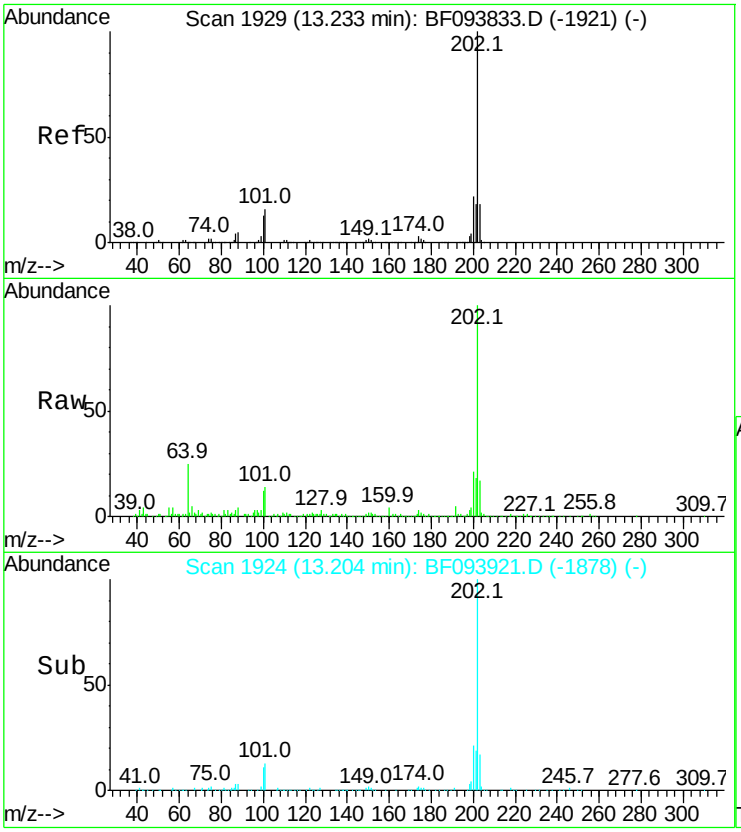


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.68 min Scan# 2175
Delta R.T. -0.04 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Tgt Ion:240 Resp: 343219

Ion	Ratio	Lower	Upper
240	100		
120	15.4	5.8	8.8#
236	26.1	20.5	30.7



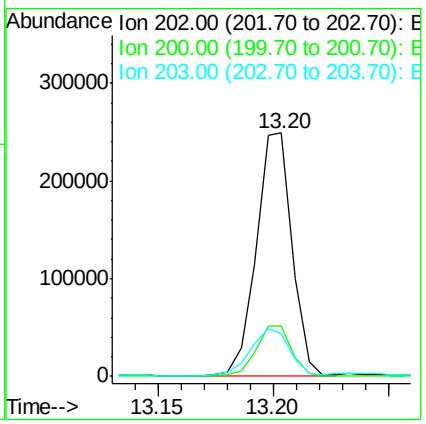


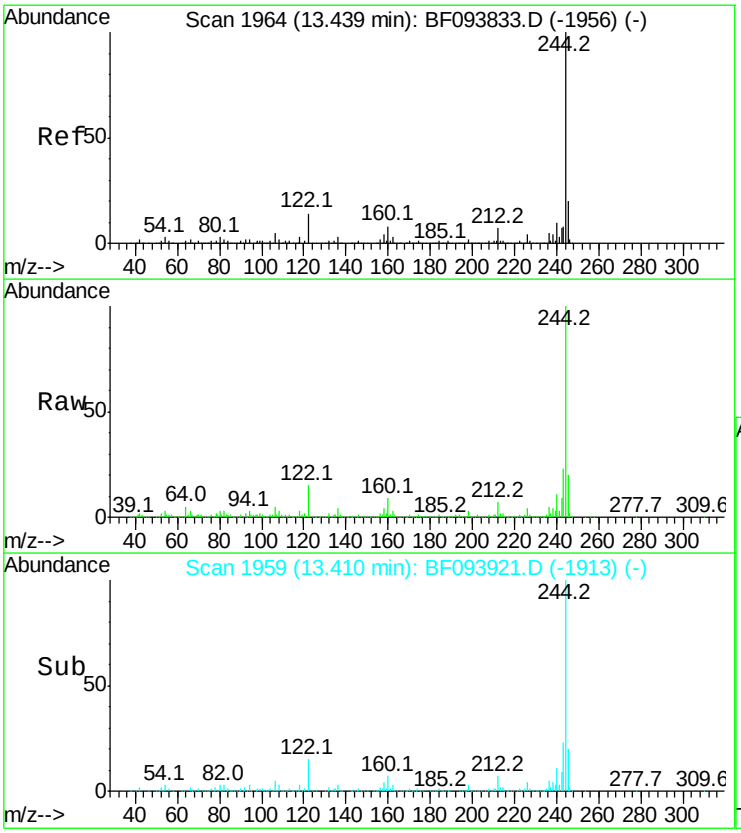
#77
Pyrene
Concen: 10.72 ng
RT: 13.20 min Scan# 1924
Delta R.T. -0.03 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Instrument :
BNA_F
ClientSampleId :
E2-CC10-SSW

Tgt Ion:202 Resp: 266963

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	17.4	14.4	21.6

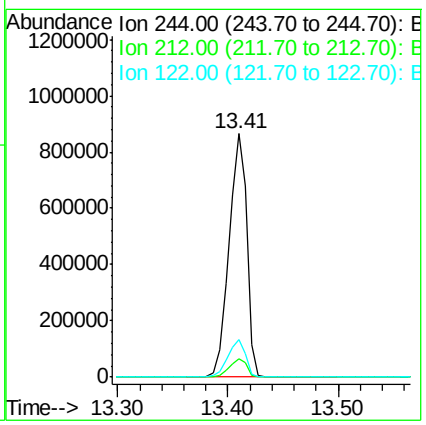


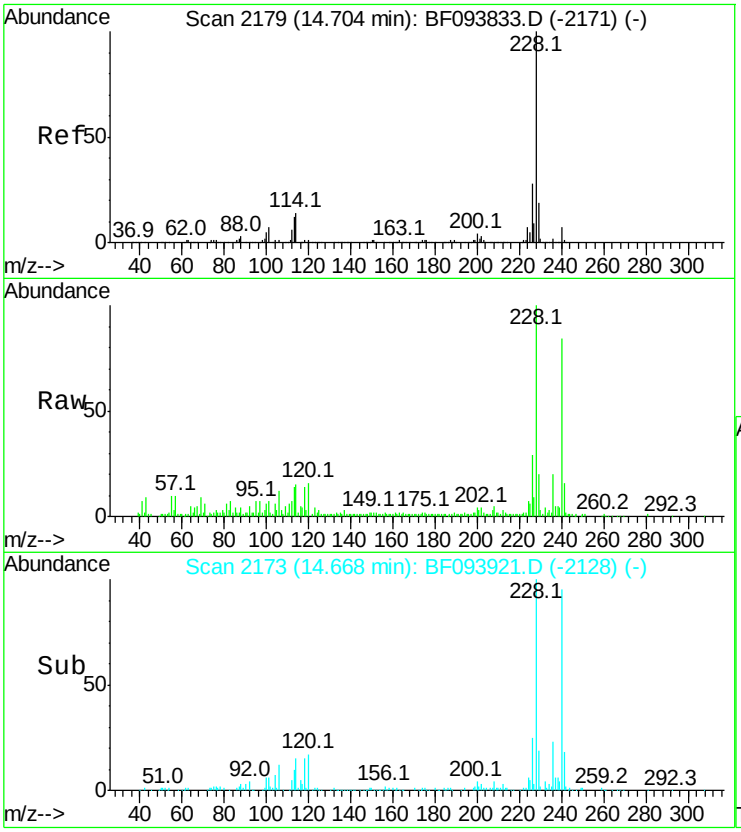


#78
Terphenyl-d14
Concen: 63.74 ng
RT: 13.41 min Scan# 1959
Delta R.T. -0.03 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Tgt Ion:244 Resp: 975957

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	15.2	10.3	15.5



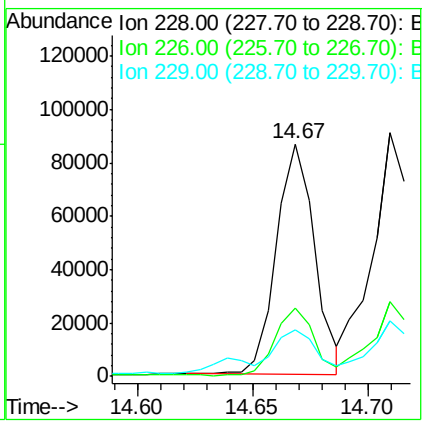


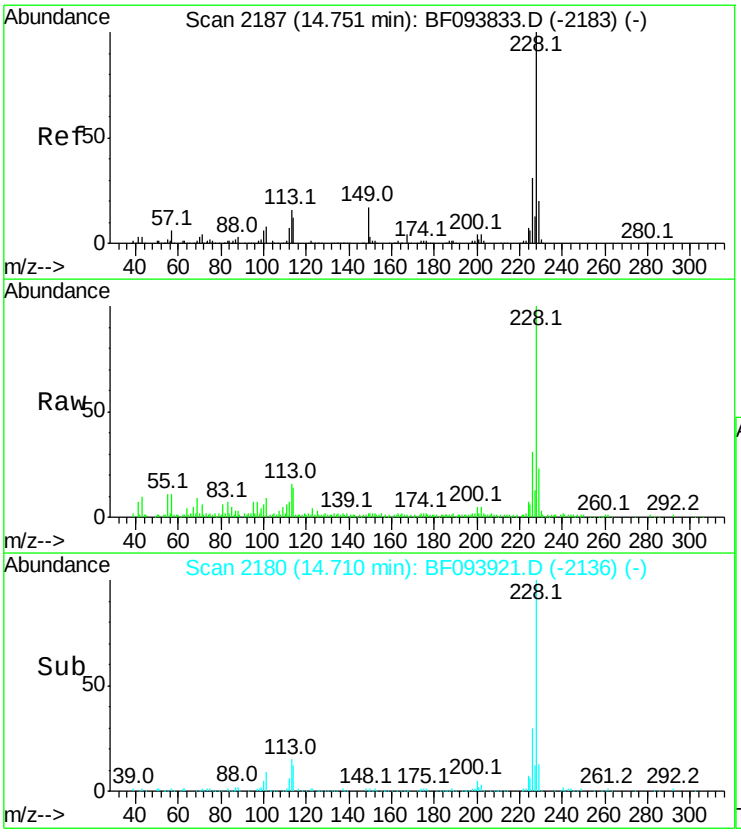
#80
Benzo(a)anthracene
Concen: 4.94 ng
RT: 14.67 min Scan# 2173
Delta R.T. -0.04 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Instrument :
BNA_F
ClientSampleId :
E2-CC10-SSW

Tgt Ion:228 Resp: 98774

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	20.0	16.3	24.5

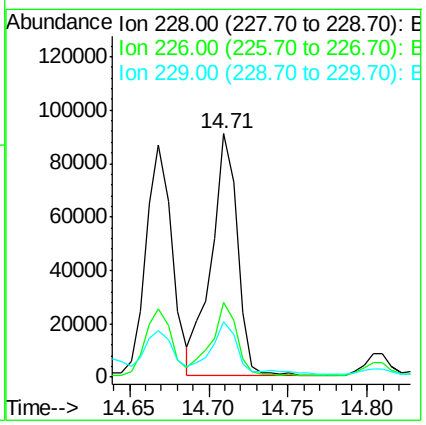


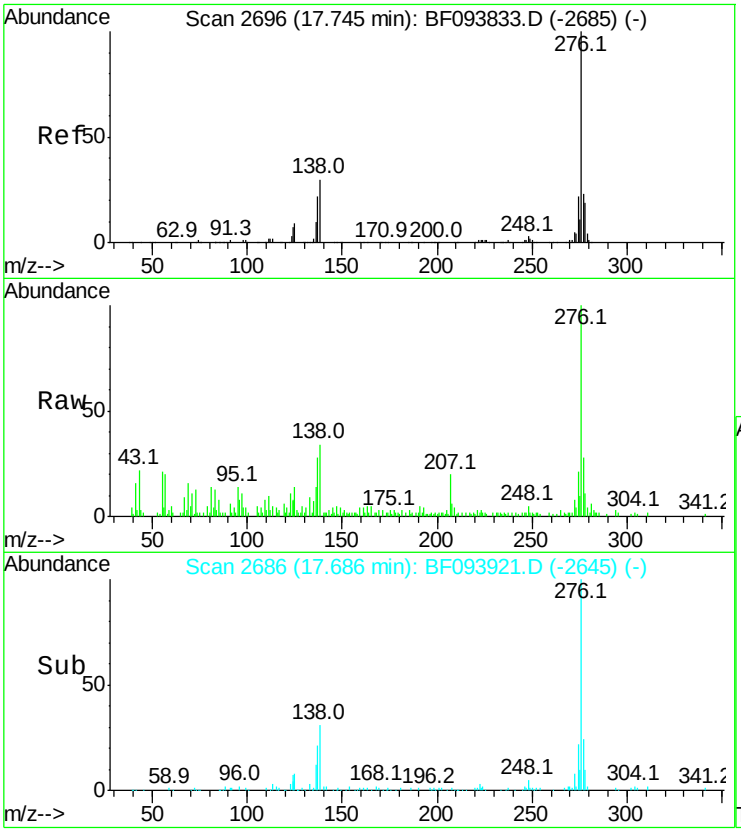


#82
Chrysene
Concen: 5.62 ng
RT: 14.71 min Scan# 2180
Delta R.T. -0.04 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Tgt Ion:228 Resp: 104462

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	22.5	15.8	23.6



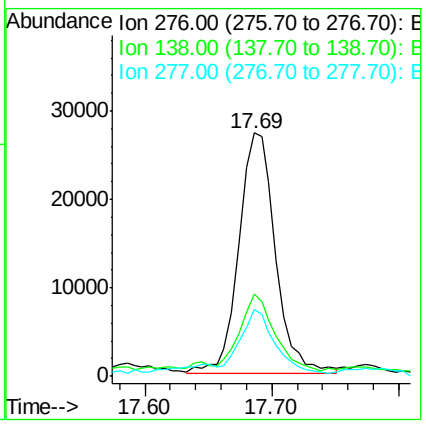


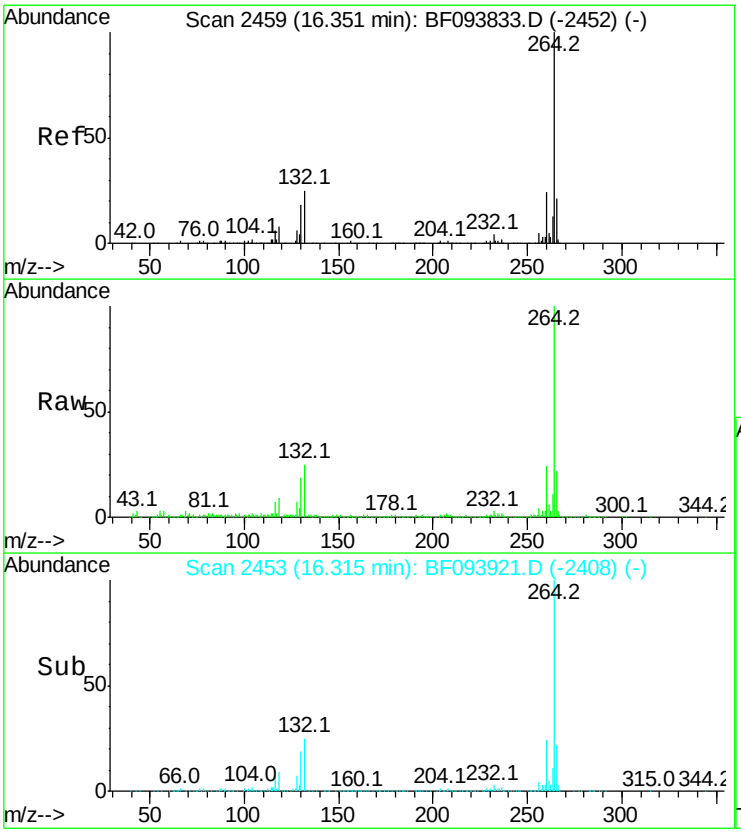
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.40 ng
RT: 17.69 min Scan# 2686
Delta R.T. -0.06 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Instrument :
BNA_F
ClientSampleId :
E2-CC10-SSW

Tgt Ion:276 Resp: 54727

Ion	Ratio	Lower	Upper
276	100		
138	29.7	27.8	41.6
277	27.7	20.2	30.4

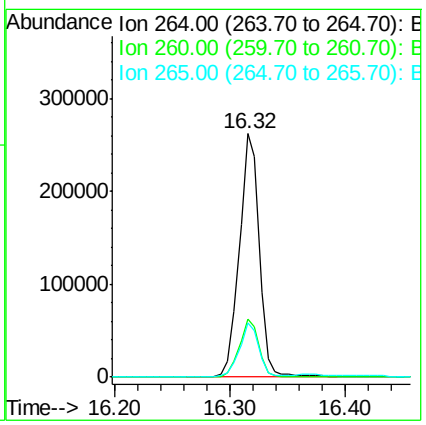


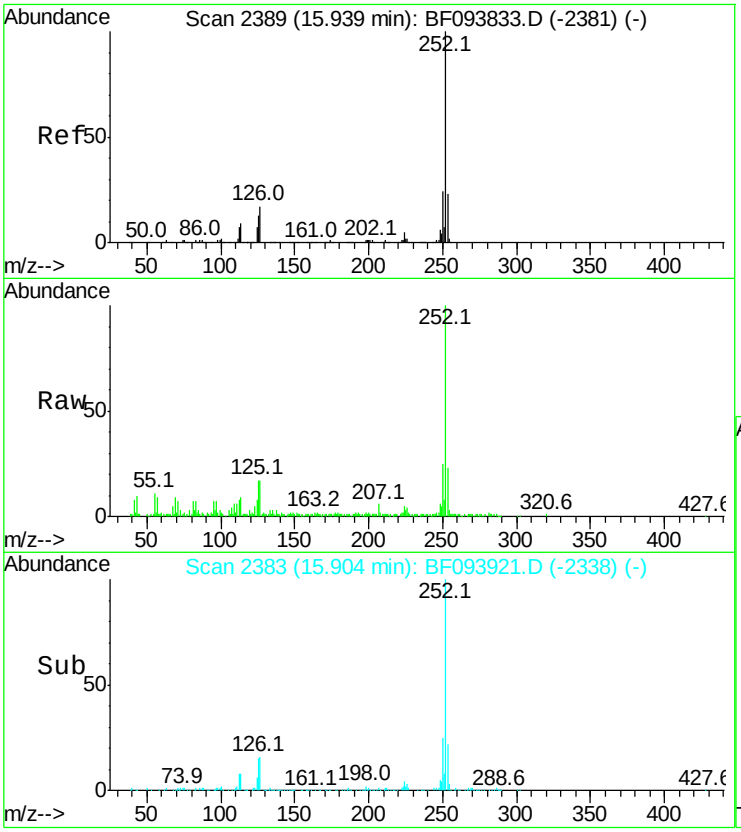


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.32 min Scan# 2453
Delta R.T. -0.04 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Tgt Ion:264 Resp: 313136

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.2	17.2	25.8



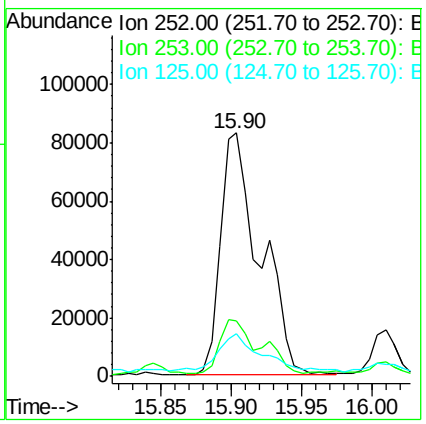


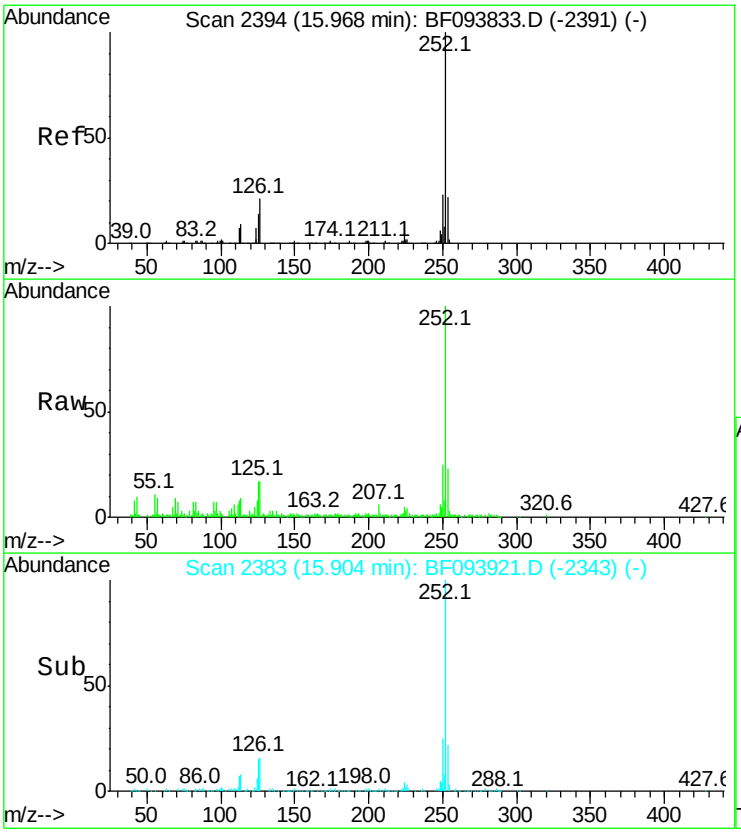
#87
Benzo(b)fluoranthene
Concen: 8.42 ng
RT: 15.90 min Scan# 2383
Delta R.T. -0.04 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Instrument :
BNA_F
ClientSampleId :
E2-CC10-SSW

Tgt Ion:252 Resp: 161662

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	17.5	9.8	14.8#

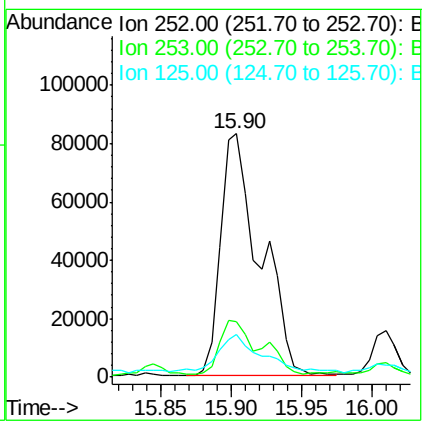


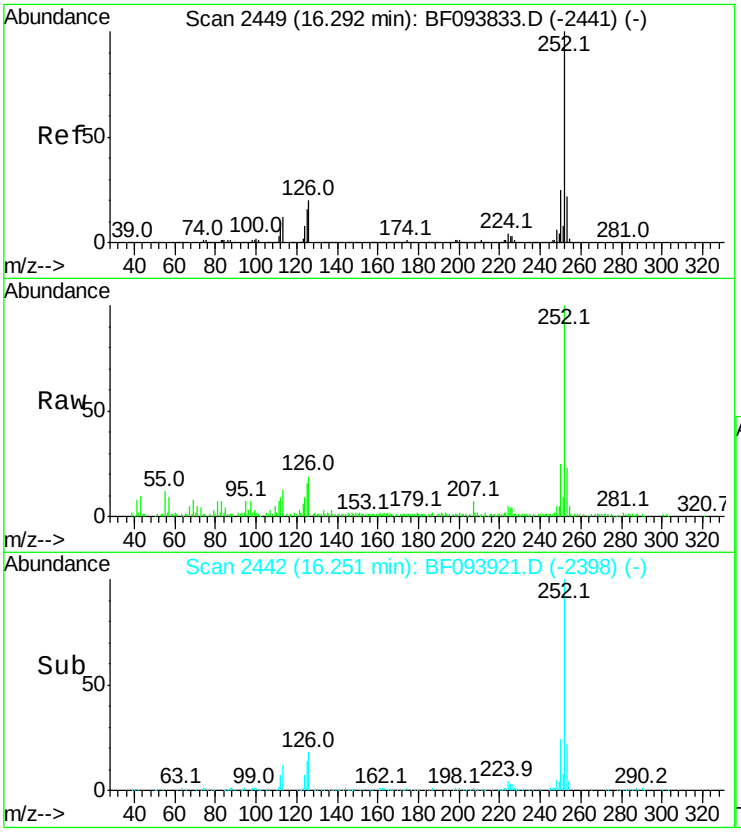


#88
Benzo(k)fluoranthene
Concen: 8.61 ng
RT: 15.90 min Scan# 2383
Delta R.T. -0.06 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Tgt Ion:252 Resp: 161662

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	17.5	13.1	19.7



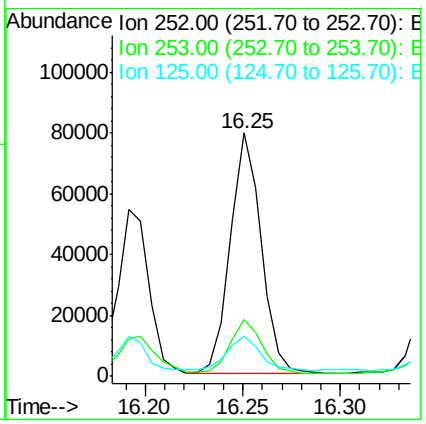


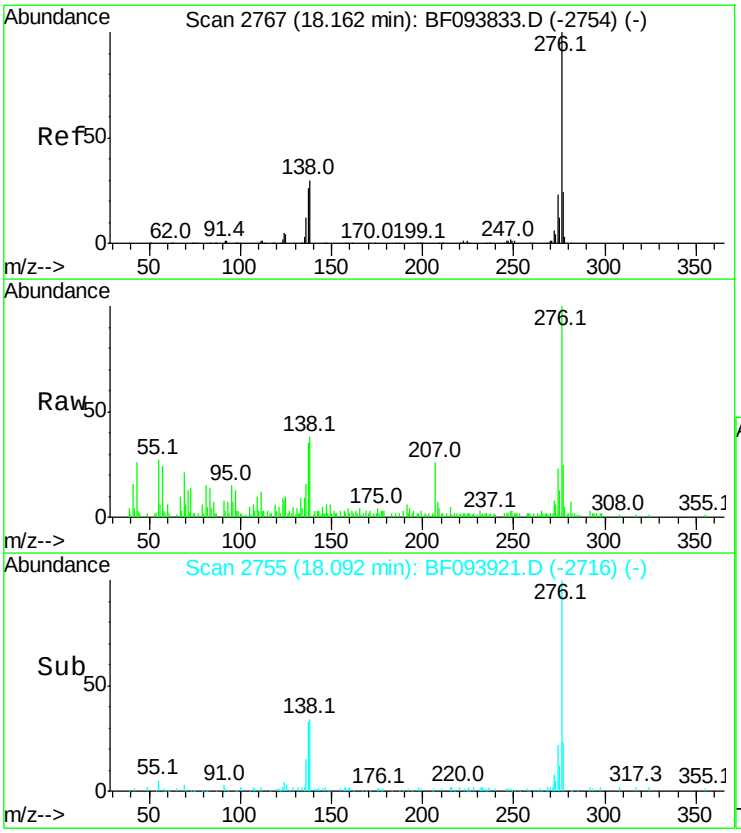
#89
Benzo(a)pyrene
Concen: 4.94 ng
RT: 16.25 min Scan# 2442
Delta R.T. -0.04 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Instrument :
BNA_F
ClientSampleId :
E2-CC10-SSW

Tgt Ion:252 Resp: 87254

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	16.4	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 3.37 ng
RT: 18.09 min Scan# 2755
Delta R.T. -0.07 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Tgt Ion:276 Resp: 50892

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.6	28.0
138	37.8	25.4	38.0