Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
Data File : BF095866.D
Acq On : 11 Jun 2017 1:01
Operator : SJ/MA
Sample : I3594-07 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 12 03:54:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	59703	20.00	ng		-0.03
21) Naphthalene-d8	9.40	136	235456	20.00	ng		-0.04
38) Acenaphthene-d10	12.22	164	95937	20.00	ng		-0.04
63) Phenanthrene-d10	14.62	188	151065	20.00	ng		-0.03
75) Chrysene-d12	18.34	240	137618	20.00	ng		-0.02
86) Perylene-d12	20.01	264	95177	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	76759	20.49	ng		0.00
7) Phenol-d6	6.96	99	96904	21.60	ng		0.00
23) Nitrobenzene-d5	8.29	82	53339	14.07	ng		-0.03
41) 2,4,6-Tribromophenol	13.53	330	15418	18.16	ng		-0.02
44) 2-Fluorobiphenyl	11.18	172	121942	17.69	ng		-0.04
78) Terphenyl-d14	16.99	244	85934	15.50	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.29	70	6583	2.32	ng	#	80
49) Dimethylphthalate	11.88	163	14998	2.06	ng	#	95
50) 2,6-Dinitrotoluene	12.22	165	11977	7.54	ng	#	31
55) 4-Nitrophenol	12.58	139	1275	5.74	ng	#	56
70) Phenanthrene	14.66	178	83446	9.57	ng		96
71) Anthracene	14.74	178	27425	3.01	ng		94
74) Fluoranthene	16.43	202	112755	13.07	ng		89
77) Pyrene	16.74	202	122622	11.94	ng	#	95
80) Benzo(a)anthracene	18.37	228	53822	6.73	ng		95
82) Chrysene	18.37	228	53822	6.73	ng		98
85) Indeno(1,2,3-cd)pyrene	21.20	276	25104	3.67	ng	#	91
87) Benzo(b)fluoranthene	19.61	252	81297	13.64	ng	#	90
88) Benzo(k)fluoranthene	19.61	252	81297	14.27	ng		94
89) Benzo(a)pyrene	19.96	252	43399	7.92	ng	#	90
91) Benzo(g,h,i)perylene	21.53	276	23144	4.89	ng		91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
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Acq On : 11 Jun 2017 1:01
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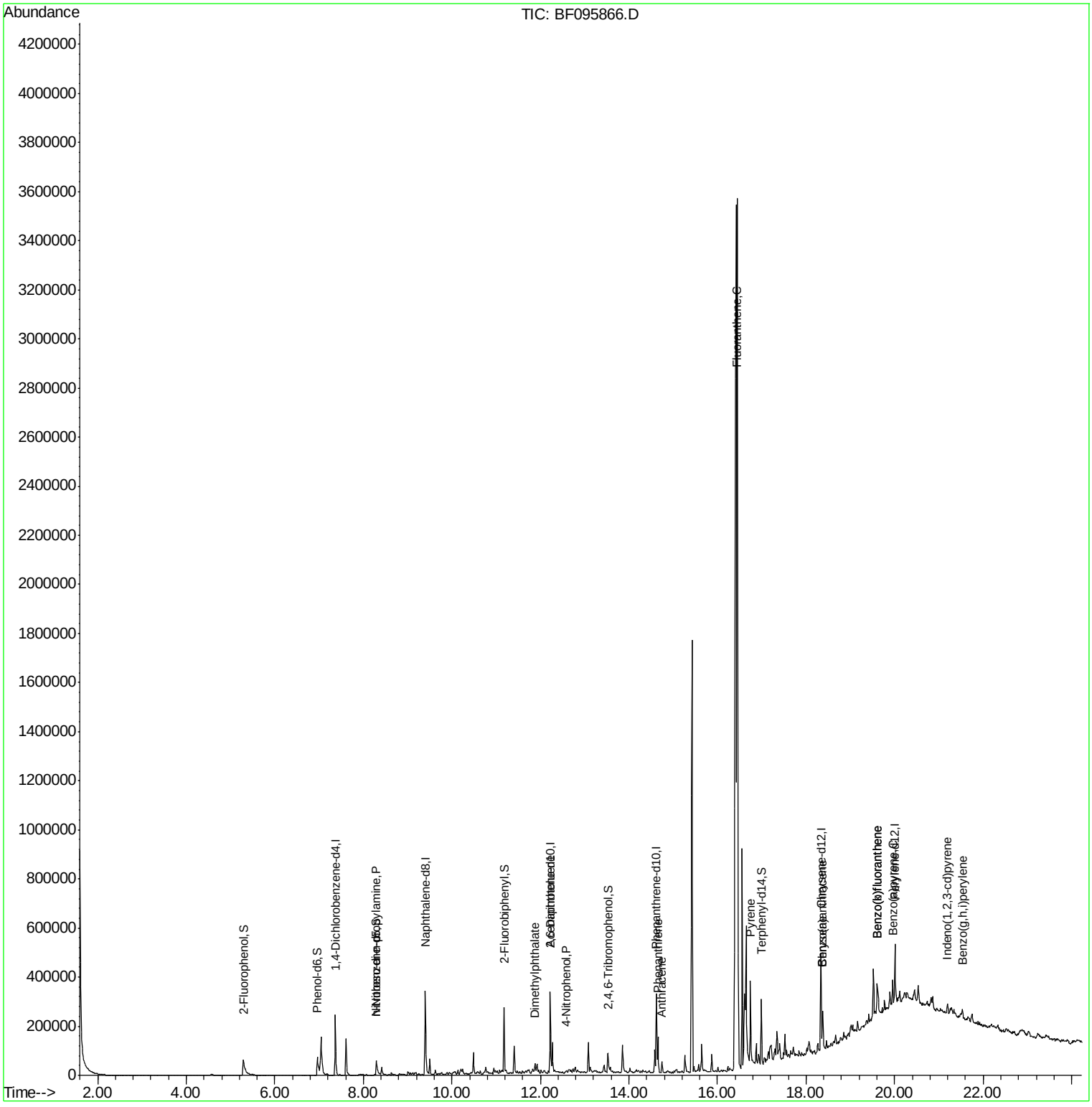
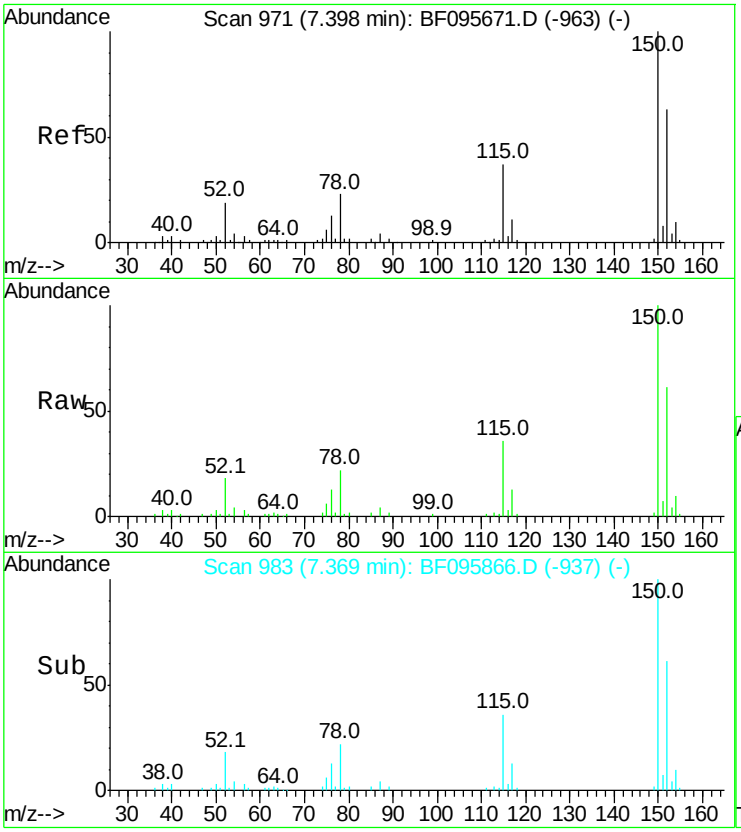
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 12 03:54:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration



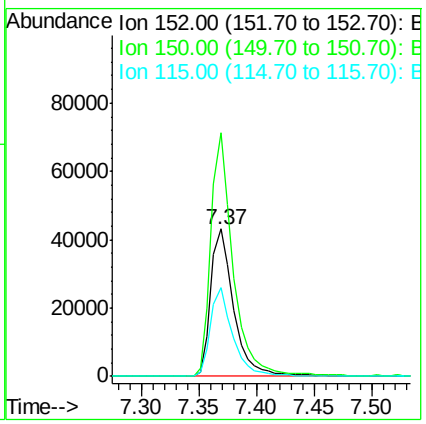


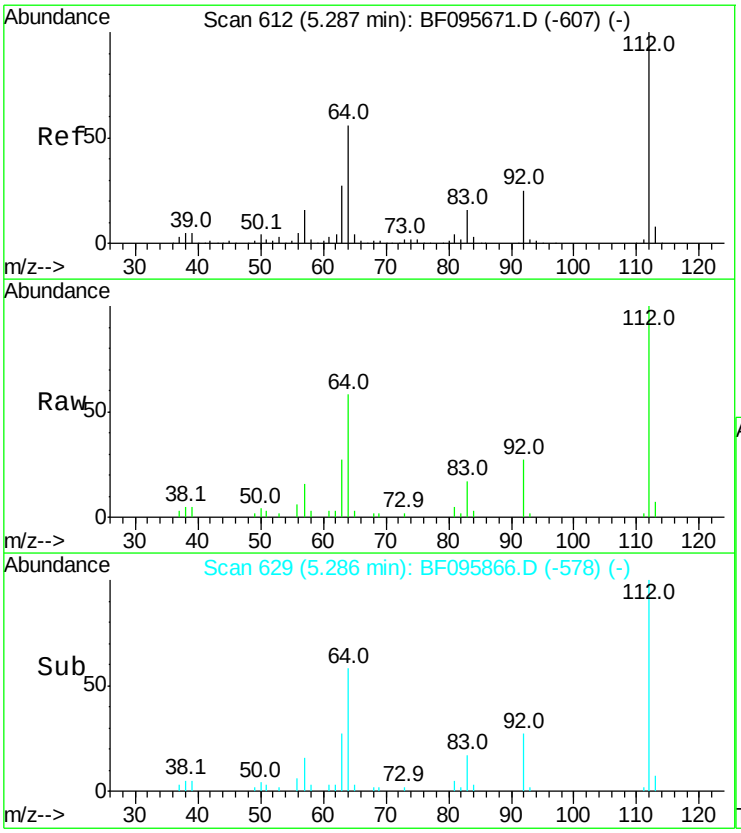
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095866.D
Acq: 11 Jun 2017 1:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 59703

Ion	Ratio	Lower	Upper
152	100		
150	165.2	126.2	189.2
115	60.3	52.2	78.2

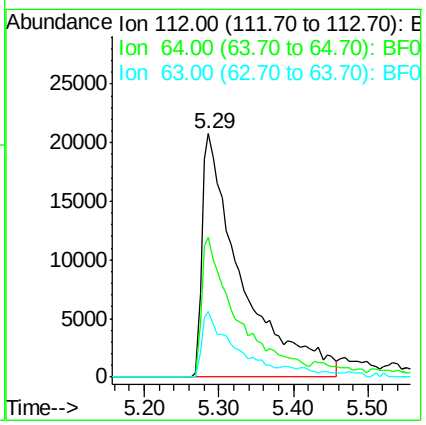


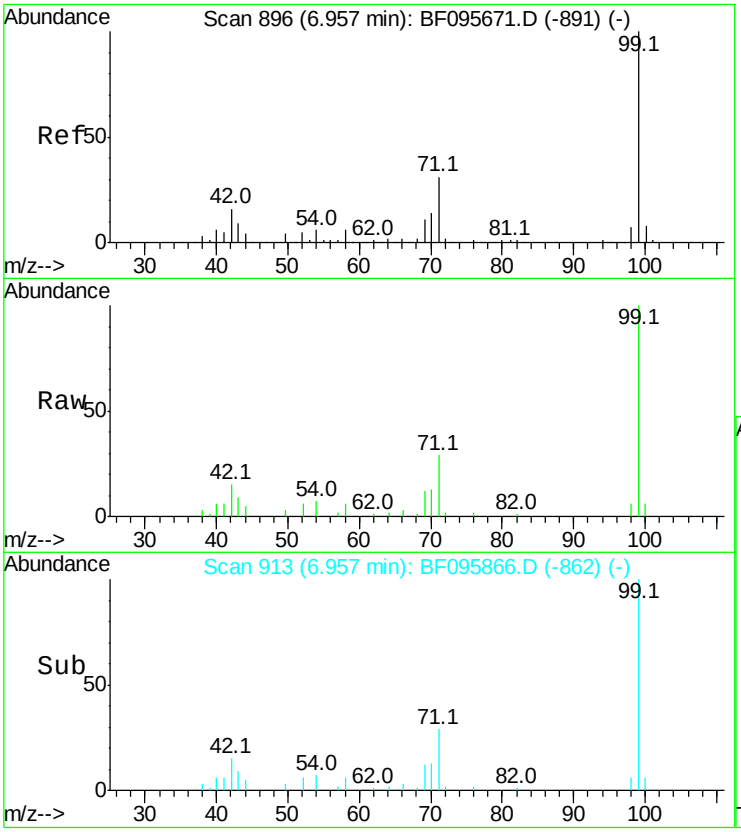


#5
2-Fluorophenol
Concen: 20.49 ng
RT: 5.29 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF095866.D
Acq: 11 Jun 2017 1:01

Tgt Ion:112 Resp: 76759

Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.0	69.0
63	27.1	23.4	35.0



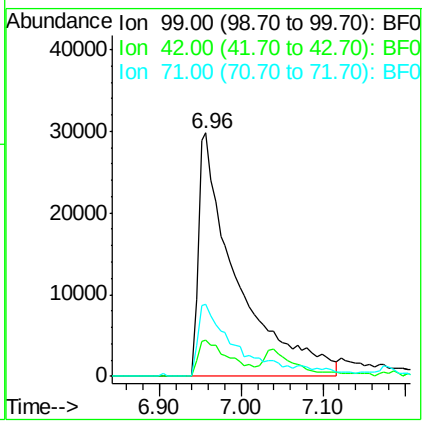


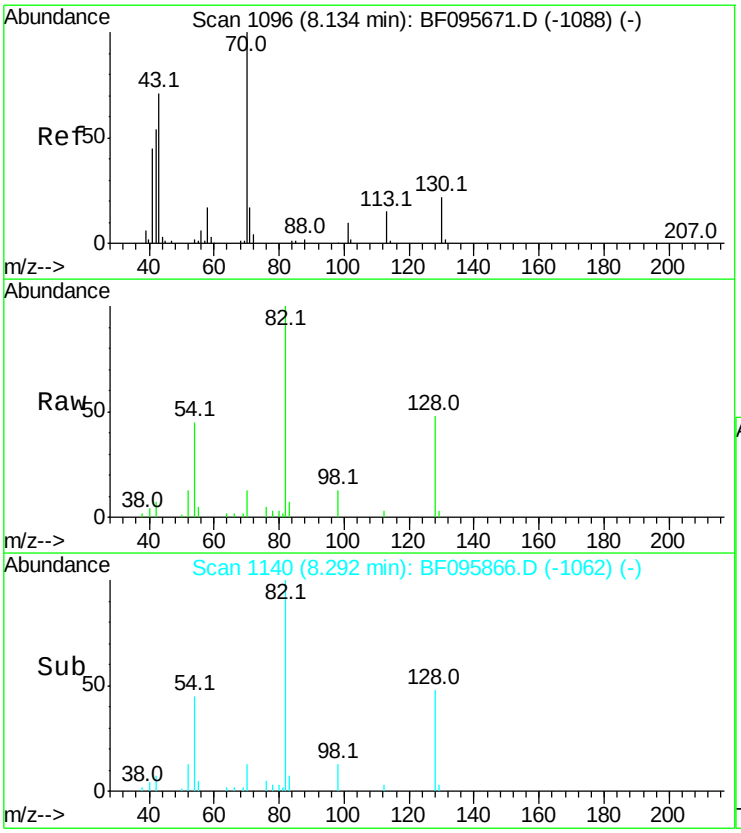
#7
Phenol-d6
Concen: 21.60 ng
RT: 6.96 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF095866.D
Acq: 11 Jun 2017 1:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 96904

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.5	20.3
71	29.4	24.5	36.7

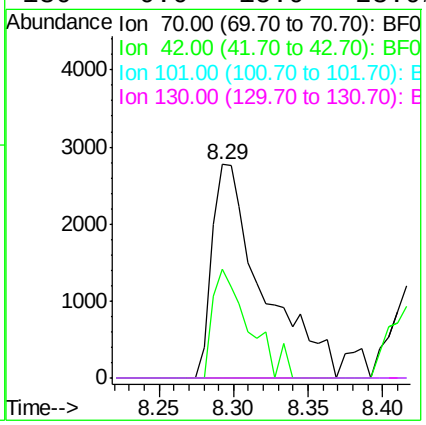


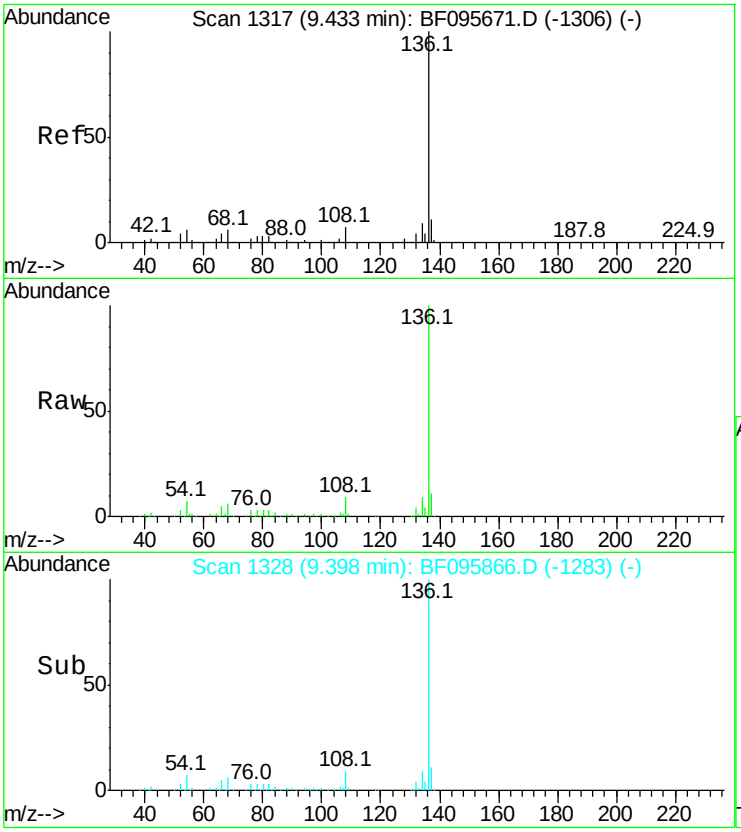


#19
n-Nitroso-di-n-propylamine
Concen: 2.32 ng
RT: 8.29 min Scan# 1140
Delta R.T. 0.16 min
Lab File: BF095866.D
Acq: 11 Jun 2017 1:01

Tgt Ion: 70 Resp: 6583

Ion	Ratio	Lower	Upper
70	100		
42	51.0	47.2	70.8
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#



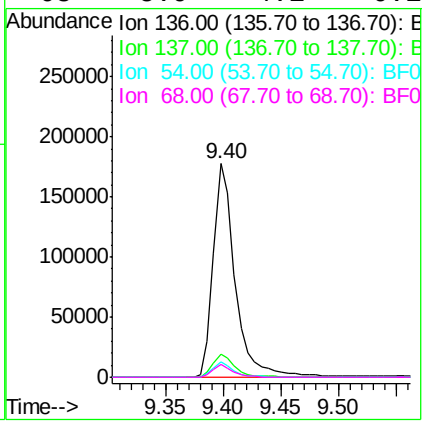


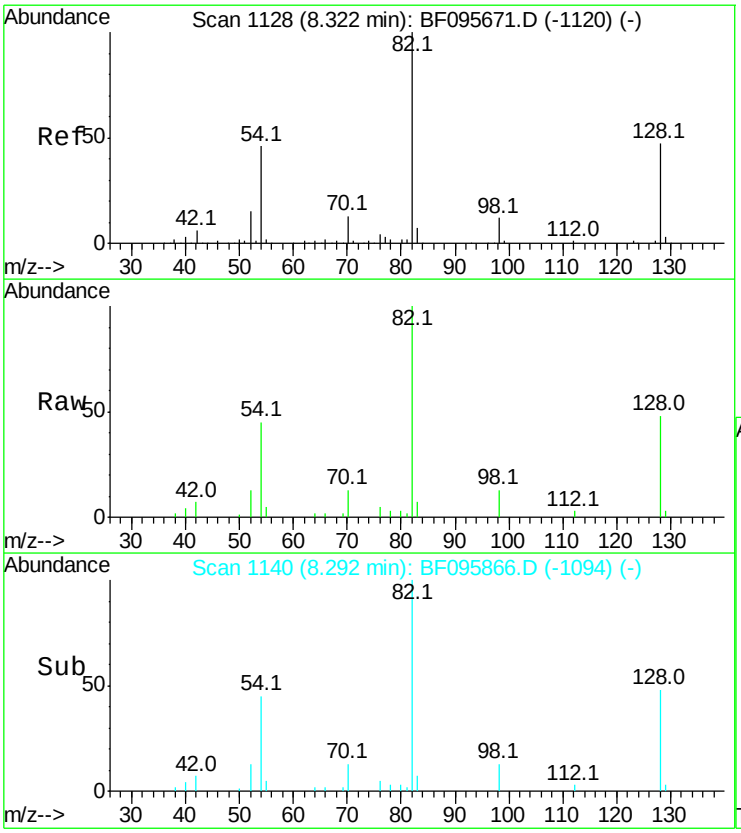
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF095866.D
Acq: 11 Jun 2017 1:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 235456

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.2	4.9	7.3
68	5.9	4.1	6.1

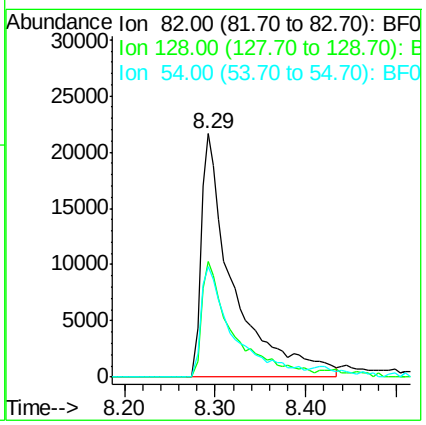


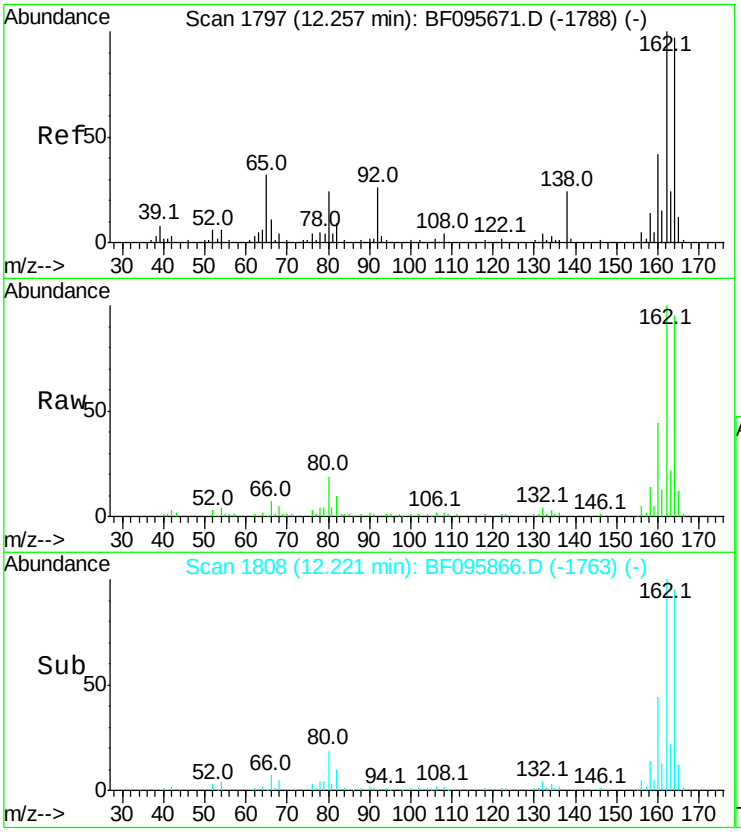


#23
Nitrobenzene-d5
Concen: 14.07 ng
RT: 8.29 min Scan# 1140
Delta R.T. -0.03 min
Lab File: BF095866.D
Acq: 11 Jun 2017 1:01

Tgt Ion: 82 Resp: 53339

Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.0	51.0
54	45.3	42.2	63.2



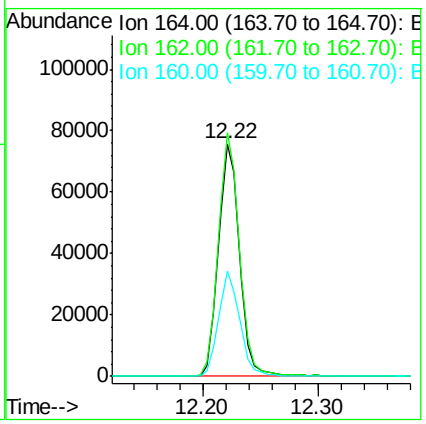


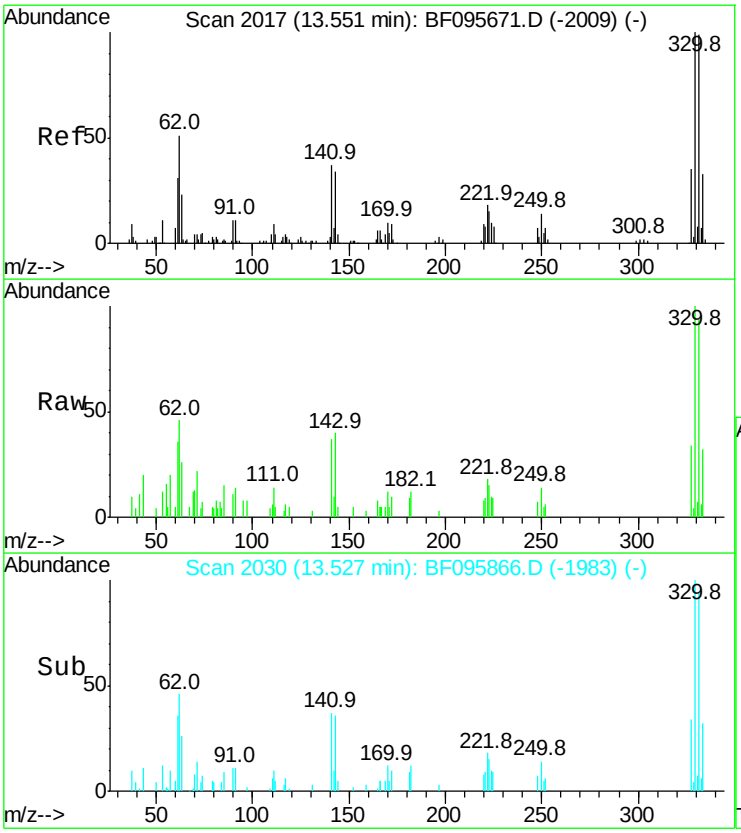
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.04 min
Lab File: BF095866.D
Acq: 11 Jun 2017 1:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 95937

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	123.8
160	45.6	36.2	54.2

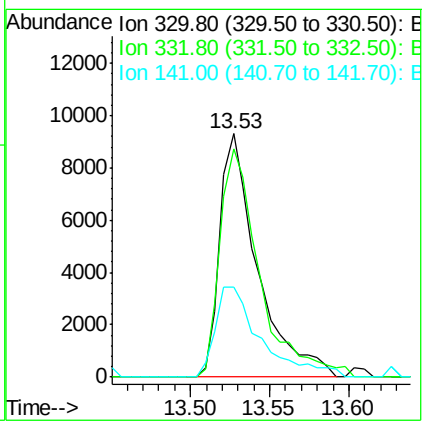


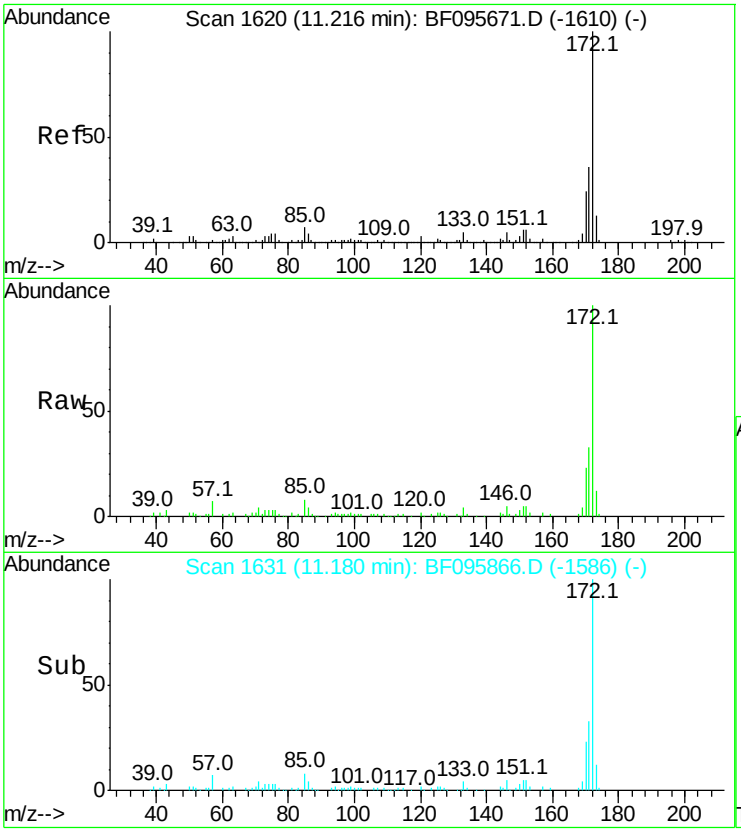


#41
2,4,6-Tribromophenol
Concen: 18.16 ng
RT: 13.53 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF095866.D
Acq: 11 Jun 2017 1:01

Tgt Ion:330 Resp: 15418

Ion	Ratio	Lower	Upper
330	100		
332	98.8	76.6	115.0
141	44.8	31.4	47.2



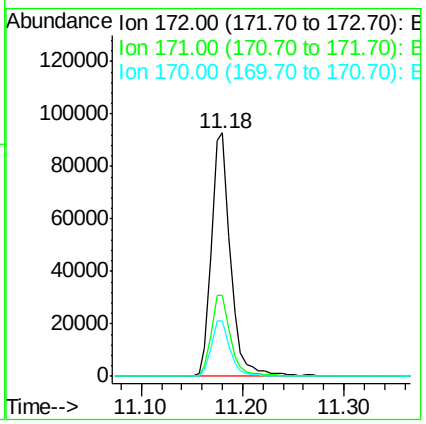


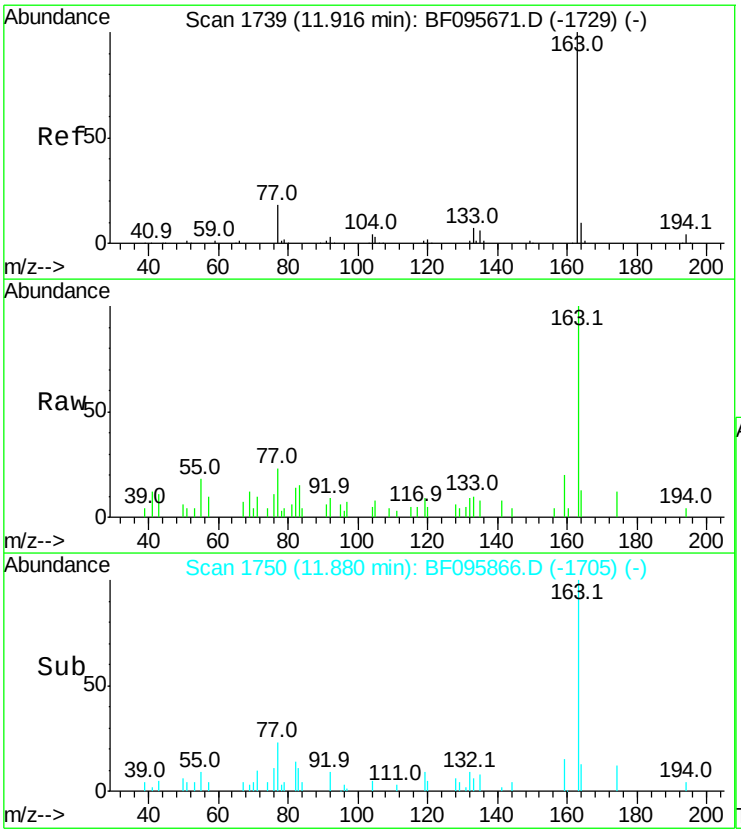
#44
2-Fluorobiphenyl
Concen: 17.69 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF095866.D
Acq: 11 Jun 2017 1:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 121942

Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.6	44.4
170	23.0	19.8	29.8

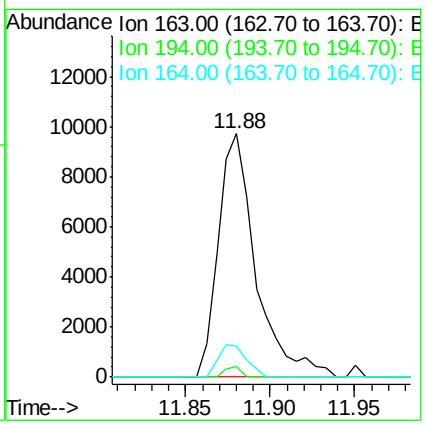


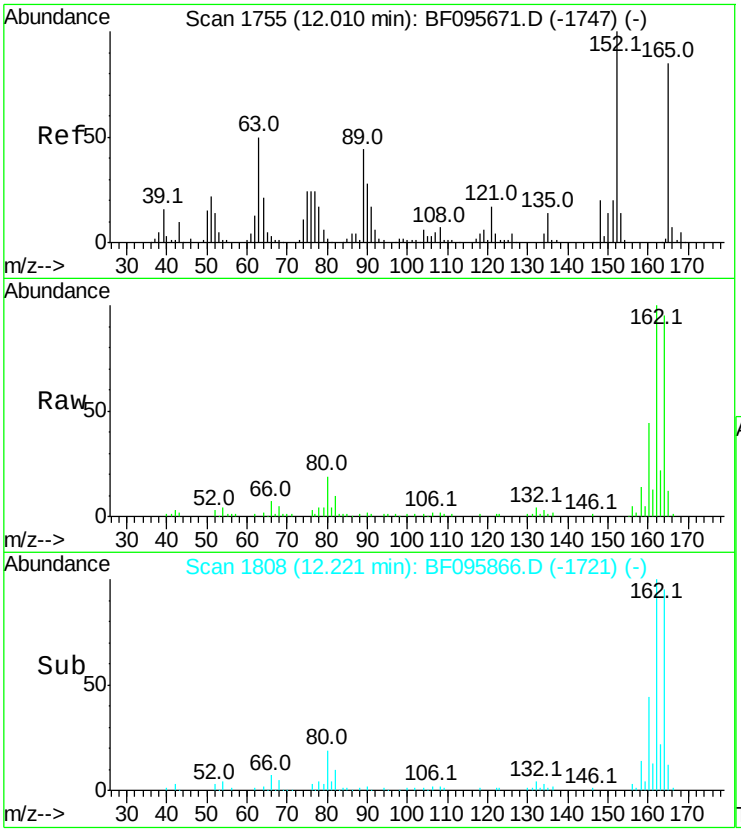


#49
Dimethylphthalate
Concen: 2.06 ng
RT: 11.88 min Scan# 1750
Delta R.T. -0.04 min
Lab File: BF095866.D
Acq: 11 Jun 2017 1:01

Tgt Ion:163 Resp: 14998

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.6	4.0#
164	12.6	8.4	12.6#



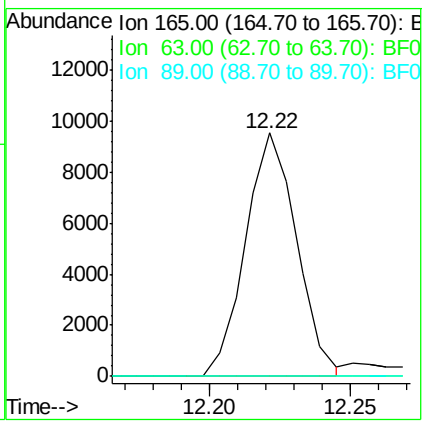


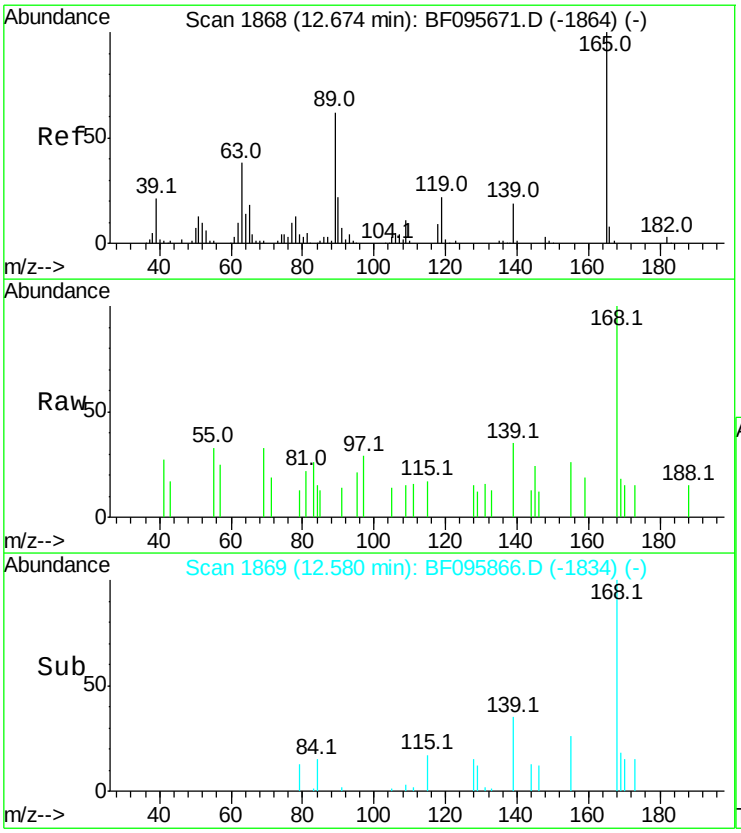
#50
2,6-Dinitrotoluene
Concen: 7.54 ng
RT: 12.22 min Scan# 1808
Delta R.T. 0.21 min
Lab File: BF095866.D
Acq: 11 Jun 2017 1:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 11977

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#

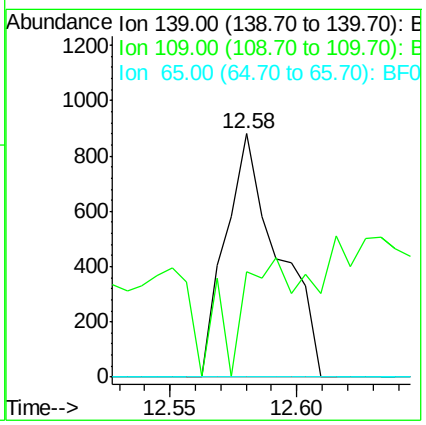


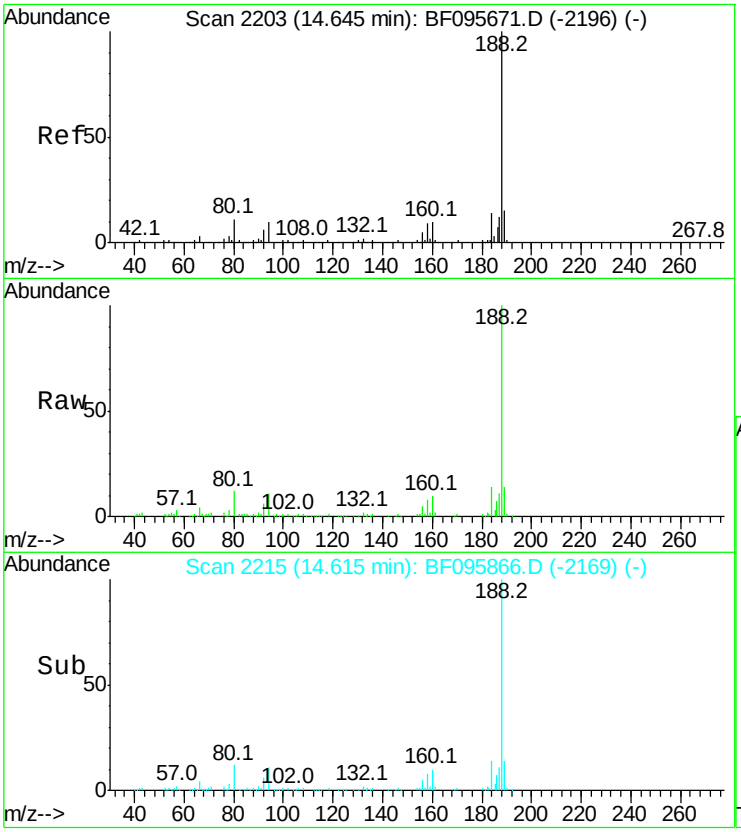


#55
4-Nitrophenol
Concen: 5.74 ng
RT: 12.58 min Scan# 1869
Delta R.T. -0.09 min
Lab File: BF095866.D
Acq: 11 Jun 2017 1:01

Tgt Ion:139 Resp: 1275

Ion	Ratio	Lower	Upper
139	100		
109	43.4	34.1	74.1
65	0.0	31.4	71.4#



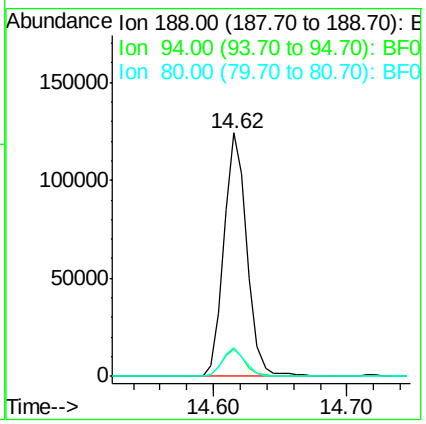


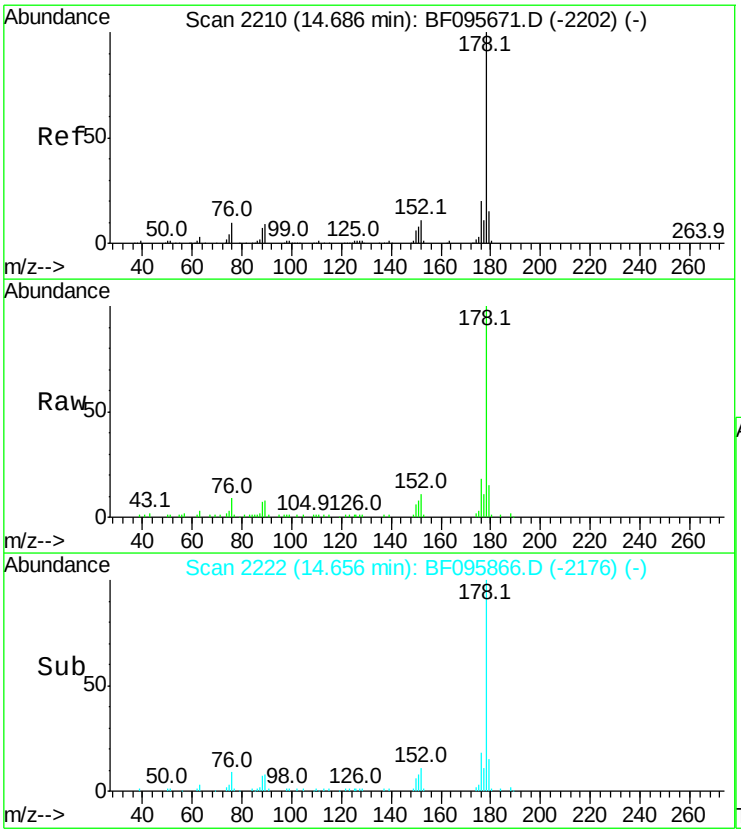
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095866.D
Acq: 11 Jun 2017 1:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 151065

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.4	14.2
80	11.8	10.2	15.2

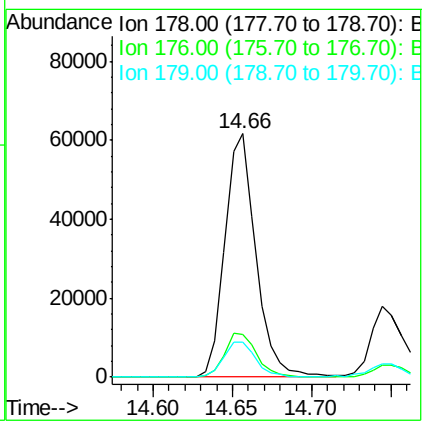


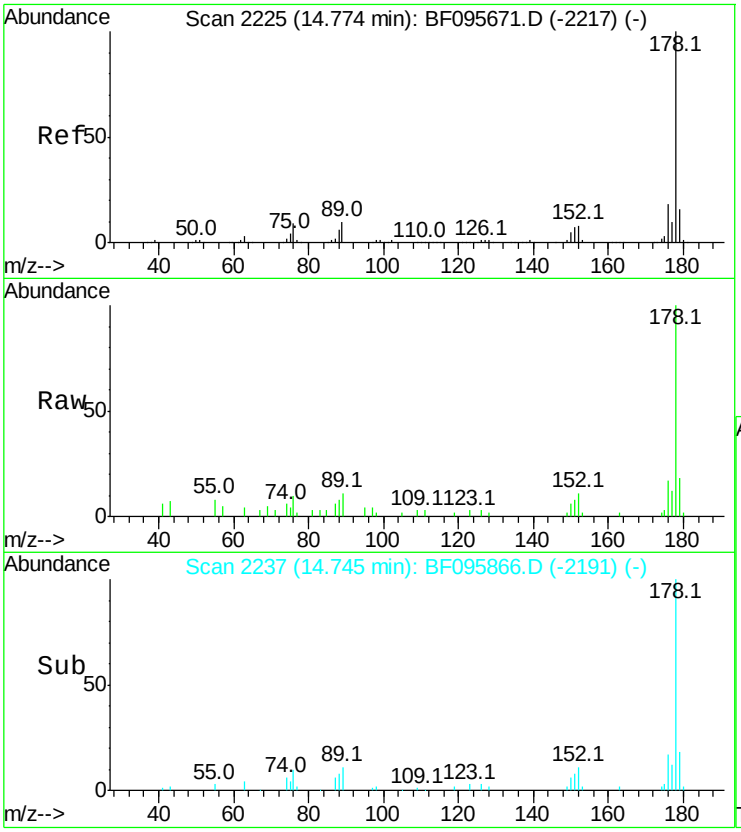


#70
Phenanthrene
Concen: 9.57 ng
RT: 14.66 min Scan# 2222
Delta R.T. -0.03 min
Lab File: BF095866.D
Acq: 11 Jun 2017 1:01

Tgt Ion:178 Resp: 83446

Ion	Ratio	Lower	Upper
178	100		
176	17.7	16.2	24.4
179	14.6	12.6	19.0



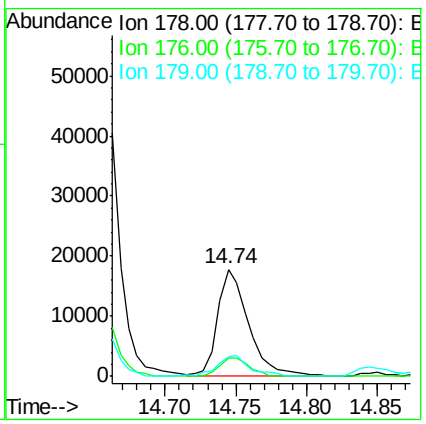


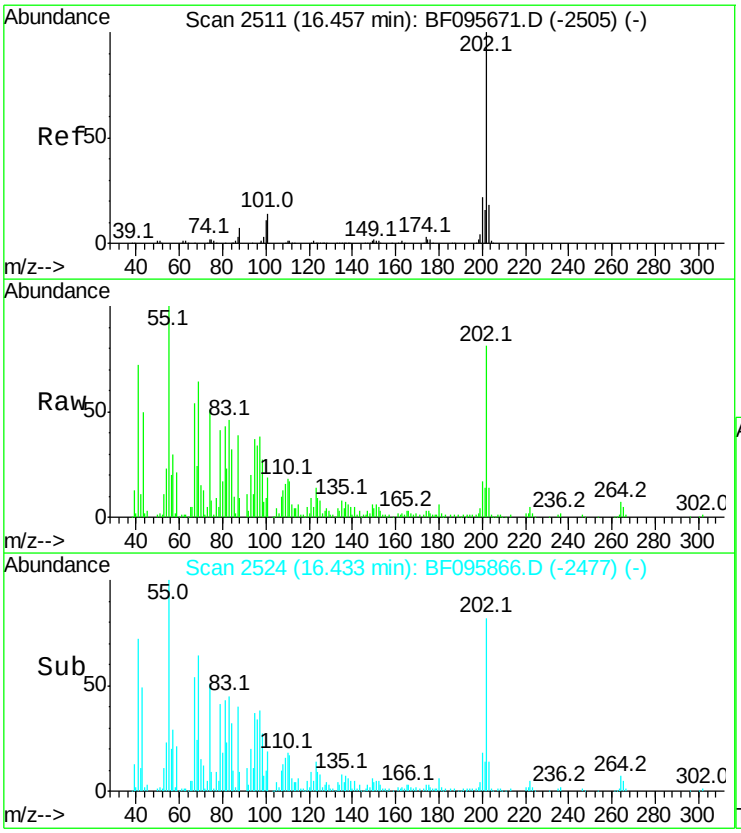
#71
Anthracene
Concen: 3.01 ng
RT: 14.74 min Scan# 2237
Delta R.T. -0.03 min
Lab File: BF095866.D
Acq: 11 Jun 2017 1:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 27425

Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.8	23.8
179	18.5	12.7	19.1

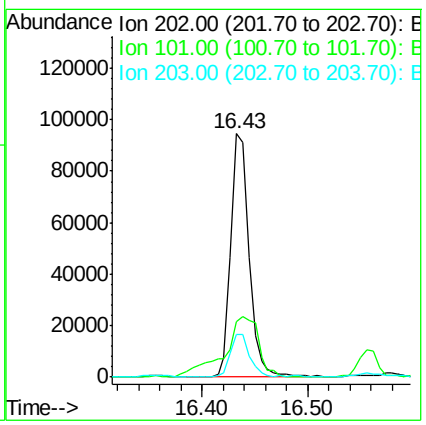


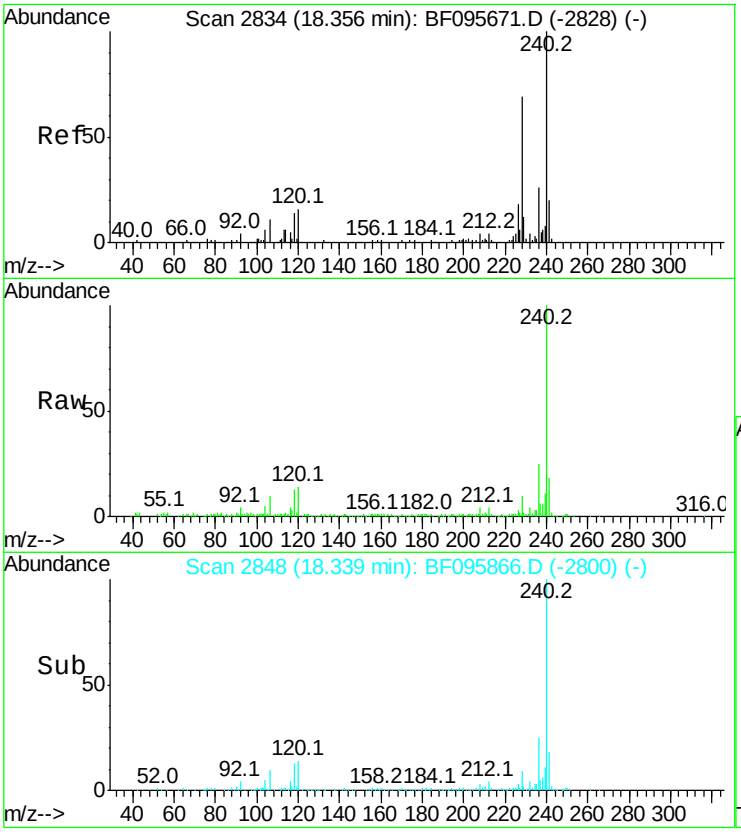


#74
Fluoranthene
Concen: 13.07 ng
RT: 16.43 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF095866.D
Acq: 11 Jun 2017 1:01

Tgt Ion:202 Resp: 112755

Ion	Ratio	Lower	Upper
202	100		
101	23.0	0.0	33.2
203	17.6	0.0	38.1



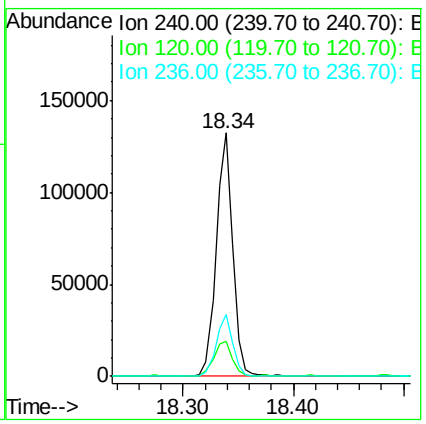


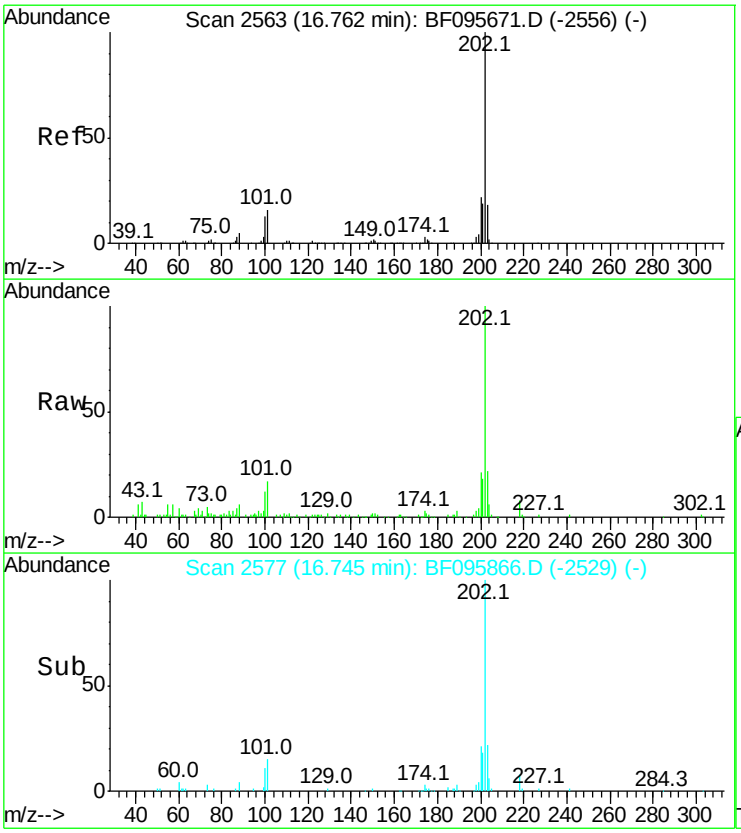
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.34 min Scan# 2848
Delta R.T. -0.02 min
Lab File: BF095866.D
Acq: 11 Jun 2017 1:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 137618

Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.8	8.8#
236	25.3	20.5	30.7

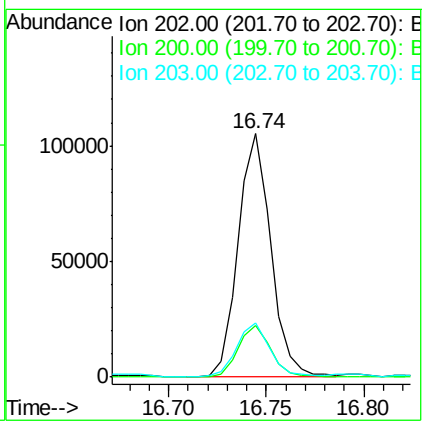


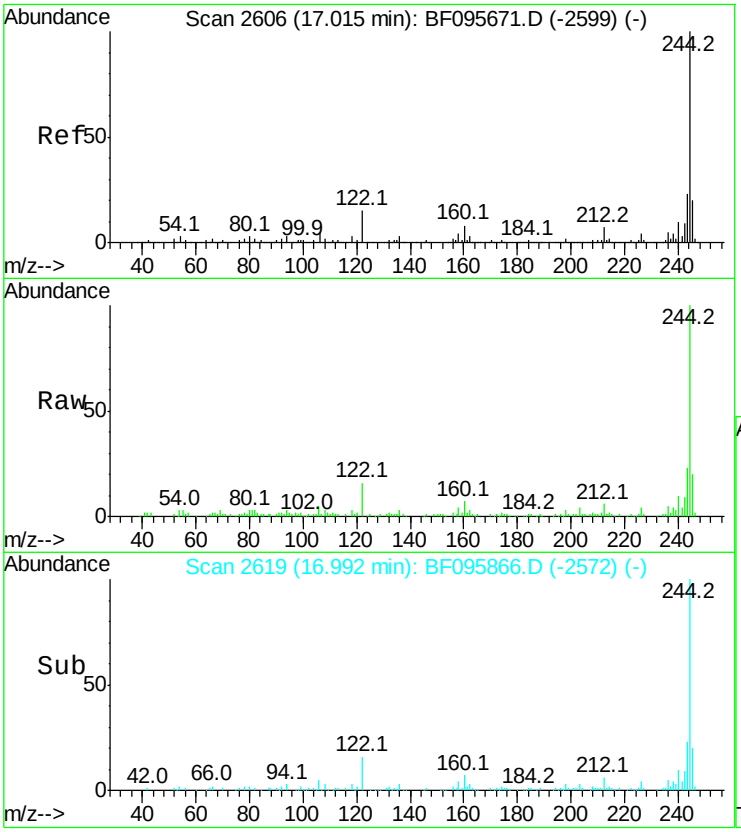


#77
Pyrene
Concen: 11.94 ng
RT: 16.74 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BF095866.D
Acq: 11 Jun 2017 1:01

Tgt Ion:202 Resp: 122622

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	22.1	14.4	21.6#



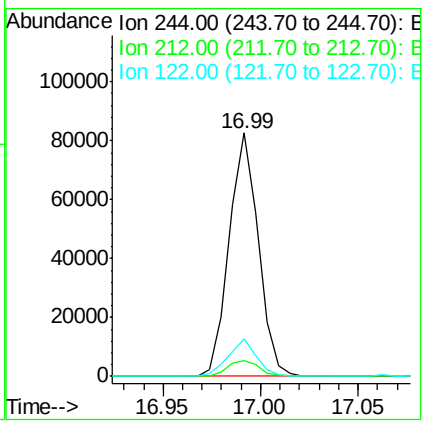


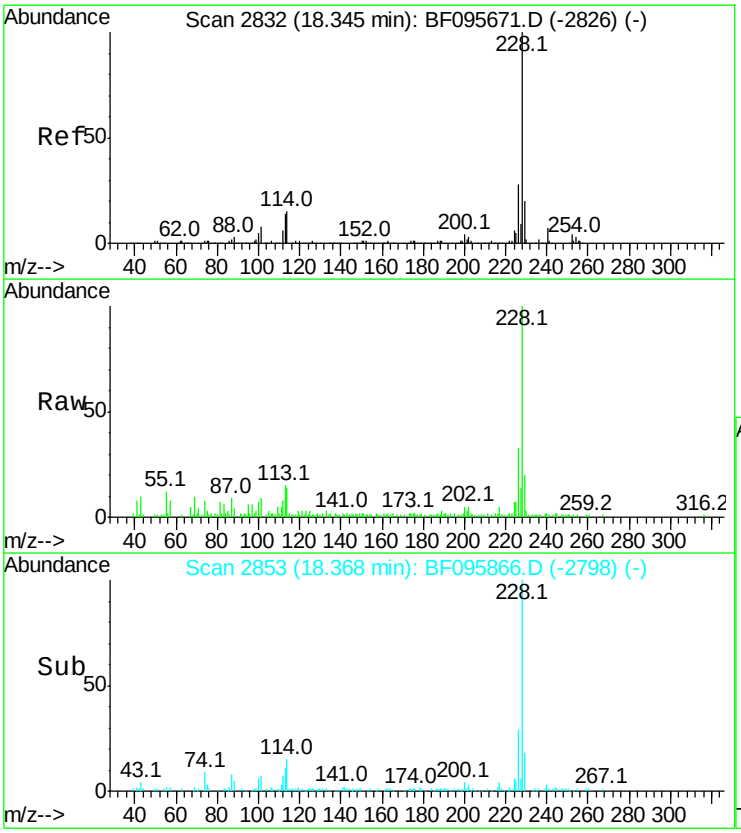
#78
Terphenyl-d14
Concen: 15.50 ng
RT: 16.99 min Scan# 2619
Delta R.T. -0.02 min
Lab File: BF095866.D
Acq: 11 Jun 2017 1:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 85934

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	15.6	10.3	15.5#

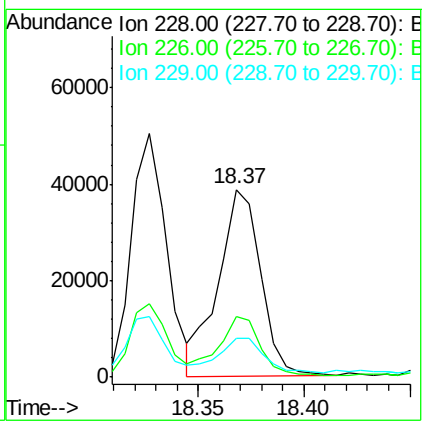


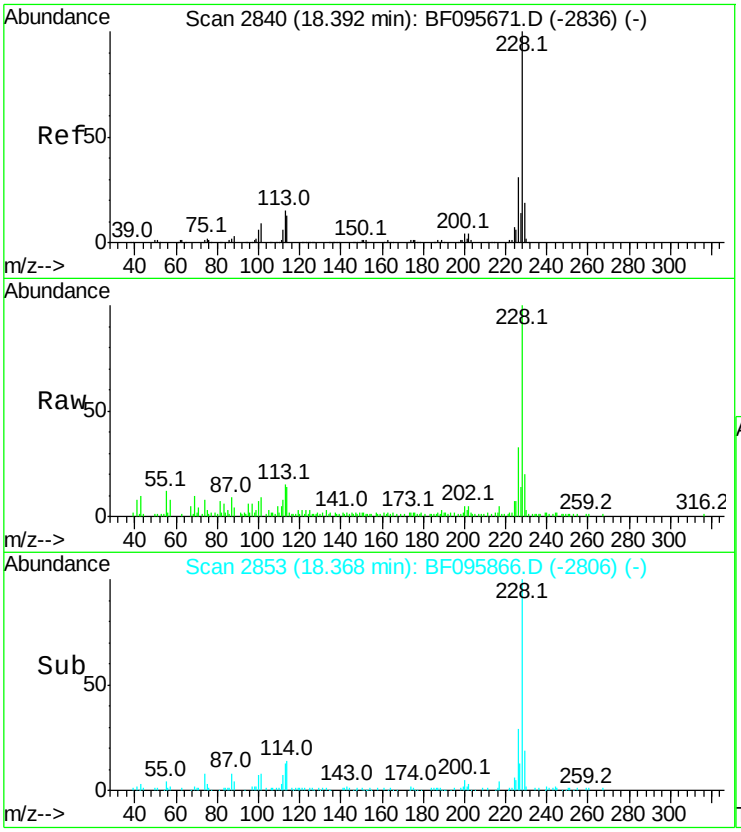


#80
Benzo(a)anthracene
Concen: 6.73 ng
RT: 18.37 min Scan# 2853
Delta R.T. 0.02 min
Lab File: BF095866.D
Acq: 11 Jun 2017 1:01

Tgt Ion:228 Resp: 53822

Ion	Ratio	Lower	Upper
228	100		
226	32.5	22.6	33.8
229	20.4	16.3	24.5



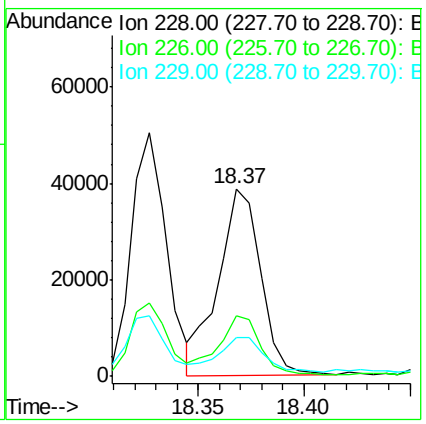


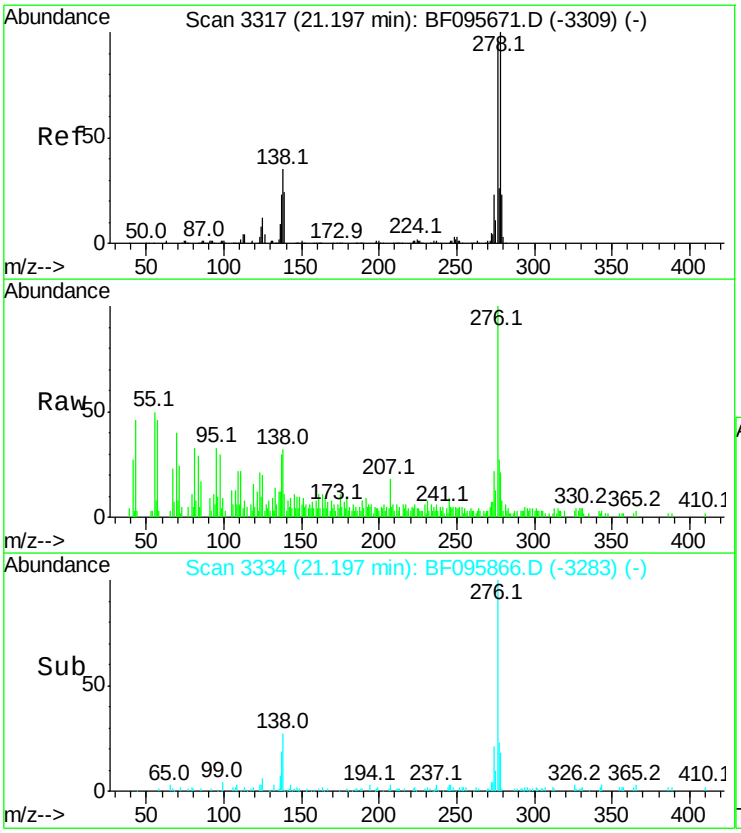
#82
Chrysene
Concen: 6.73 ng
RT: 18.37 min Scan# 2853
Delta R.T. -0.02 min
Lab File: BF095866.D
Acq: 11 Jun 2017 1:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 53822

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	20.4	15.8	23.6

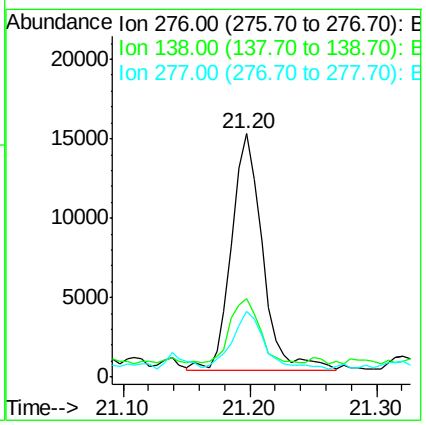


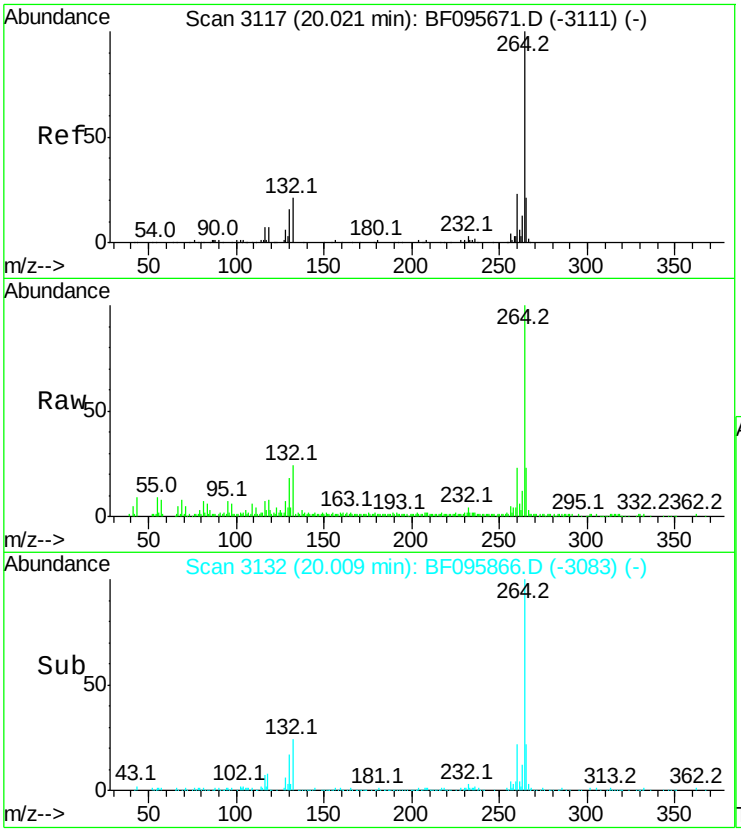


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.67 ng
RT: 21.20 min Scan# 3334
Delta R.T. -0.00 min
Lab File: BF095866.D
Acq: 11 Jun 2017 1:01

Tgt Ion:276 Resp: 25104

Ion	Ratio	Lower	Upper
276	100		
138	25.6	27.8	41.6#
277	25.1	20.2	30.4



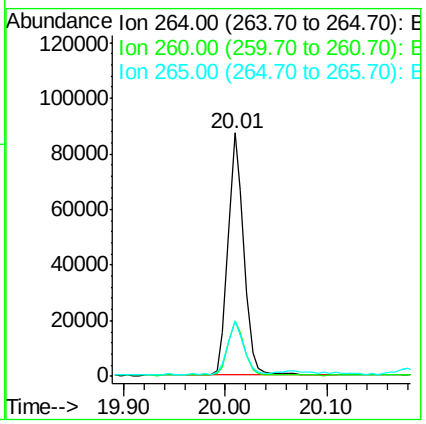


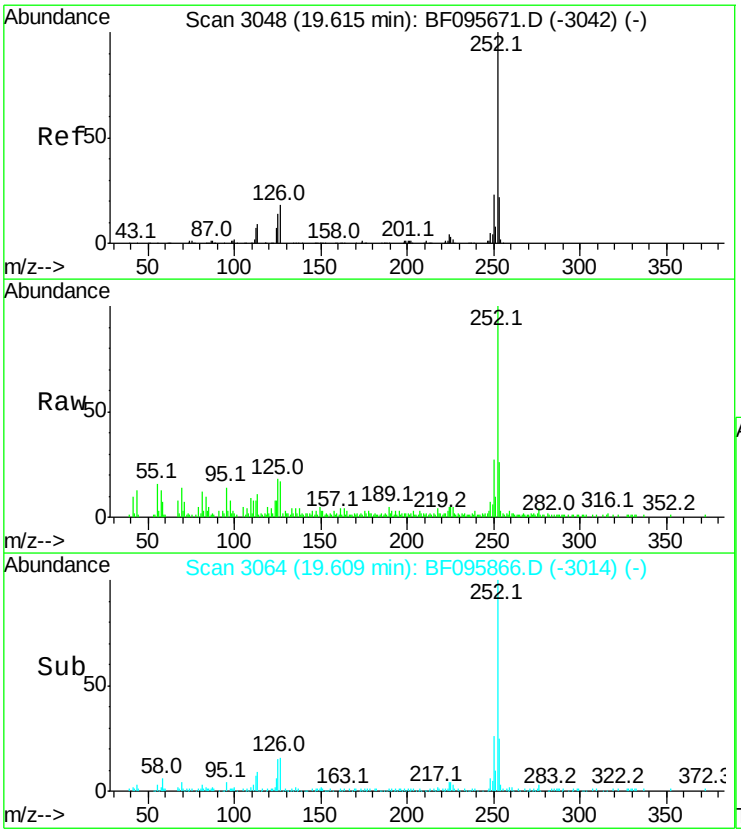
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.01 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095866.D
Acq: 11 Jun 2017 1:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 95177

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	22.9	17.2	25.8

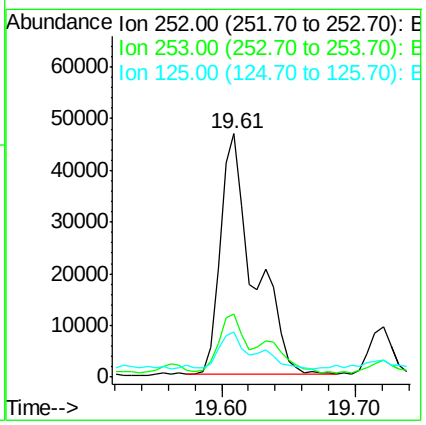


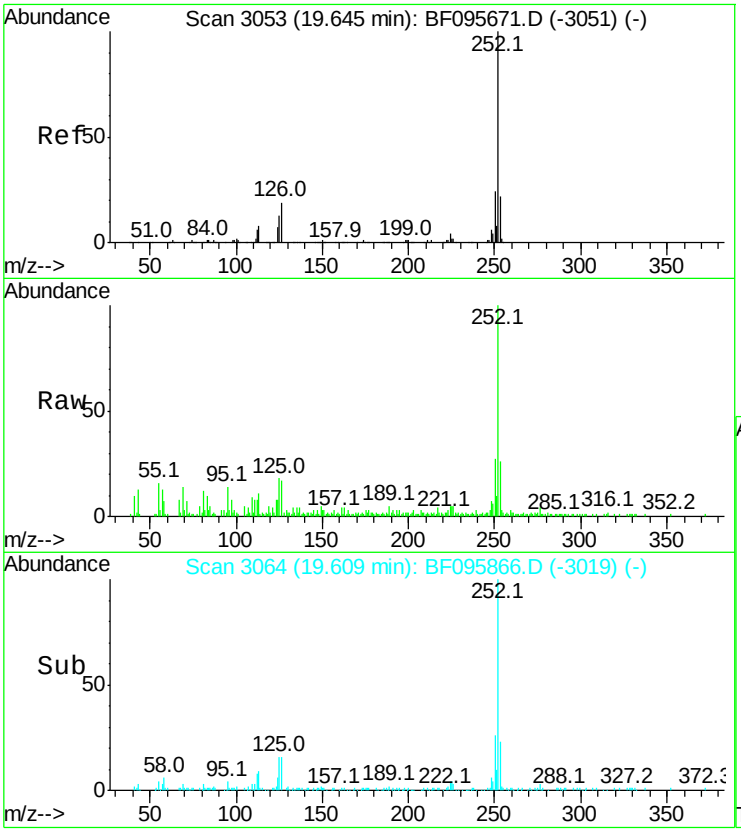


#87
Benzo(b)fluoranthene
Concen: 13.64 ng
RT: 19.61 min Scan# 3064
Delta R.T. -0.01 min
Lab File: BF095866.D
Acq: 11 Jun 2017 1:01

Tgt Ion:252 Resp: 81297

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.1	27.1
125	18.5	9.8	14.8#



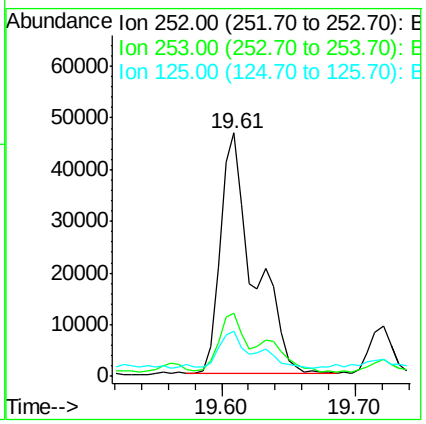


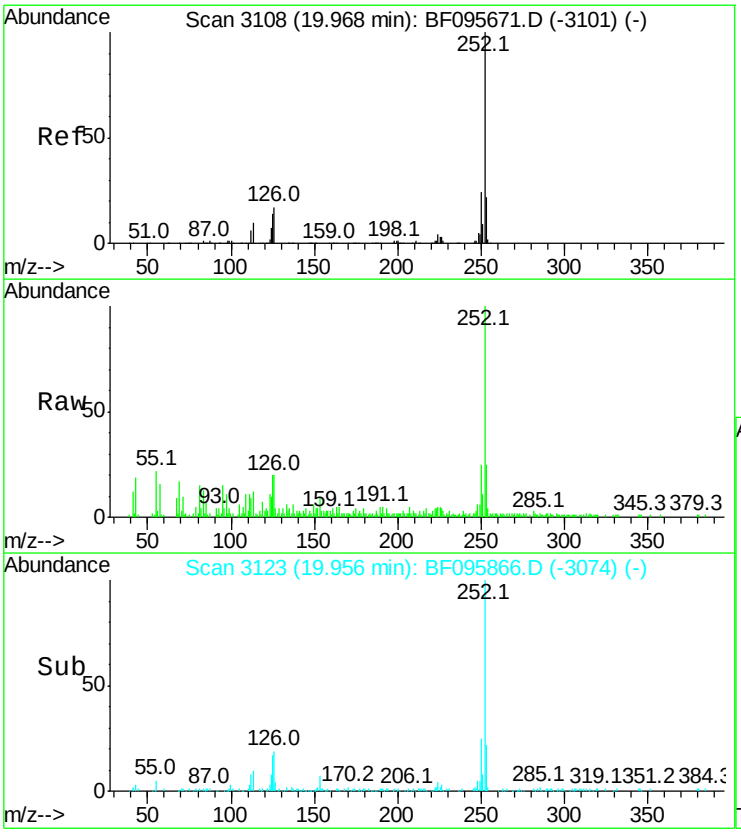
#88
Benzo(k)fluoranthene
Concen: 14.27 ng
RT: 19.61 min Scan# 3064
Delta R.T. -0.04 min
Lab File: BF095866.D
Acq: 11 Jun 2017 1:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 81297

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.4	27.6
125	18.5	13.1	19.7

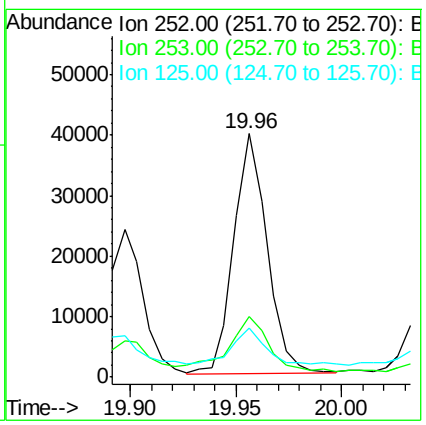


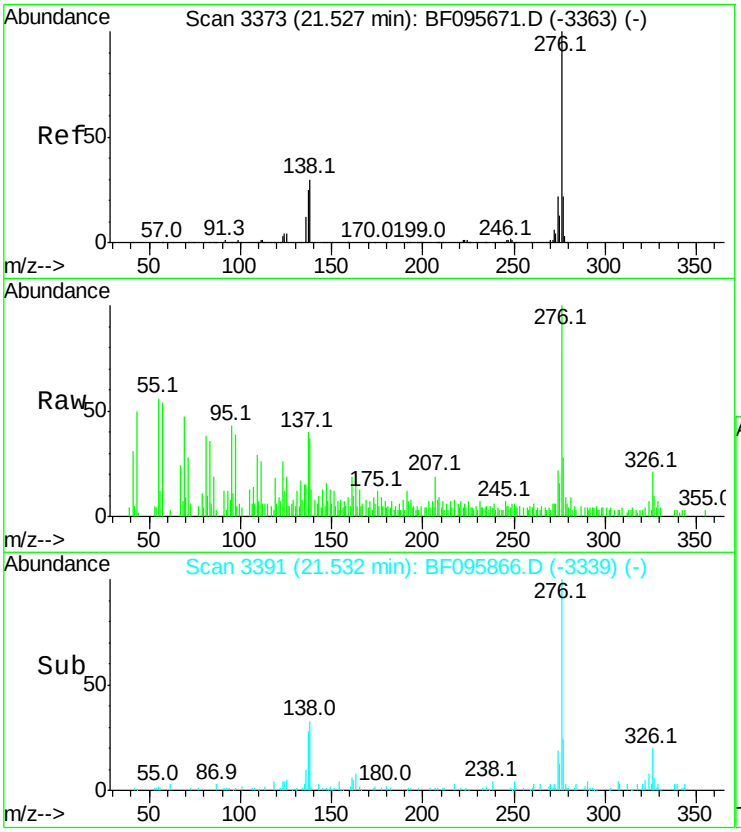


#89
Benzo(a)pyrene
Concen: 7.92 ng
RT: 19.96 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095866.D
Acq: 11 Jun 2017 1:01

Tgt Ion:252 Resp: 43399

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.5	26.3
125	20.3	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 4.89 ng
RT: 21.53 min Scan# 3391
Delta R.T. 0.01 min
Lab File: BF095866.D
Acq: 11 Jun 2017 1:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 23144

Ion	Ratio	Lower	Upper
276	100		
277	27.6	18.6	28.0
138	37.0	25.4	38.0