Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF050316\
Data File : BF086643.D
Acq On : 3 May 2016 14:25
Operator : UM/SJ
Sample : H2757-01DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1(2-4)

Quant Time: May 03 15:22:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.750	152	128219	20.00	ng		-0.06
21) Naphthalene-d8	8.042	136	511882	20.00	ng		-0.06
38) Acenaphthene-d10	9.790	164	239248	20.00	ng		-0.06
63) Phenanthrene-d10	11.265	188	374881	20.00	ng		-0.06
75) Chrysene-d12	13.905	240	249080	20.00	ng		-0.06
86) Perylene-d12	15.300	264	237544	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.333	112	216218	29.09	ng		-0.06
7) Phenol-d6	6.384	99	318326	30.68	ng		-0.06
23) Nitrobenzene-d5	7.310	82	193788	20.41	ng		-0.07
41) 2,4,6-Tribromophenol	10.579	330	57267	22.70	ng		-0.06
44) 2-Fluorobiphenyl	9.116	172	389260	20.95	ng		-0.06
78) Terphenyl-d14	12.854	244	249224	22.04	ng		-0.06
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.310	70	24887	3.63	ng	#	71
49) Dimethylphthalate	9.516	163	51751	2.87	ng		98
50) 2,6-Dinitrotoluene	9.790	165	31005	8.33	ng	#	21
56) 2,4-Dinitrotoluene	9.790	165	31003	6.54	ng	#	16
70) Phenanthrene	11.288	178	191350	9.73	ng		97
71) Anthracene	11.345	178	51161	2.44	ng		99
73) Di-n-butylphthalate	11.836	149	50546	2.40	ng	#	97
74) Fluoranthene	12.476	202	272626	13.73	ng		94
77) Pyrene	12.705	202	254968	14.21	ng		99
80) Benzo(a)anthracene	13.894	228	234038	17.62	ng		97
82) Chrysene	13.894	228	234038	16.21	ng		98
87) Benzo(b)fluoranthene	14.911	252	193757	13.87	ng		97
88) Benzo(k)fluoranthene	14.911	252	193757	13.29	ng	#	94
89) Benzo(a)pyrene	15.242	252	109420	8.29	ng		94
91) Benzo(g,h,i)perylene	17.026	276	62698	5.79	ng		95

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

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ALS Vial : 33 Sample Multiplier: 1

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BNA_F
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B1(2-4)

Quant Time: May 03 15:22:54 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
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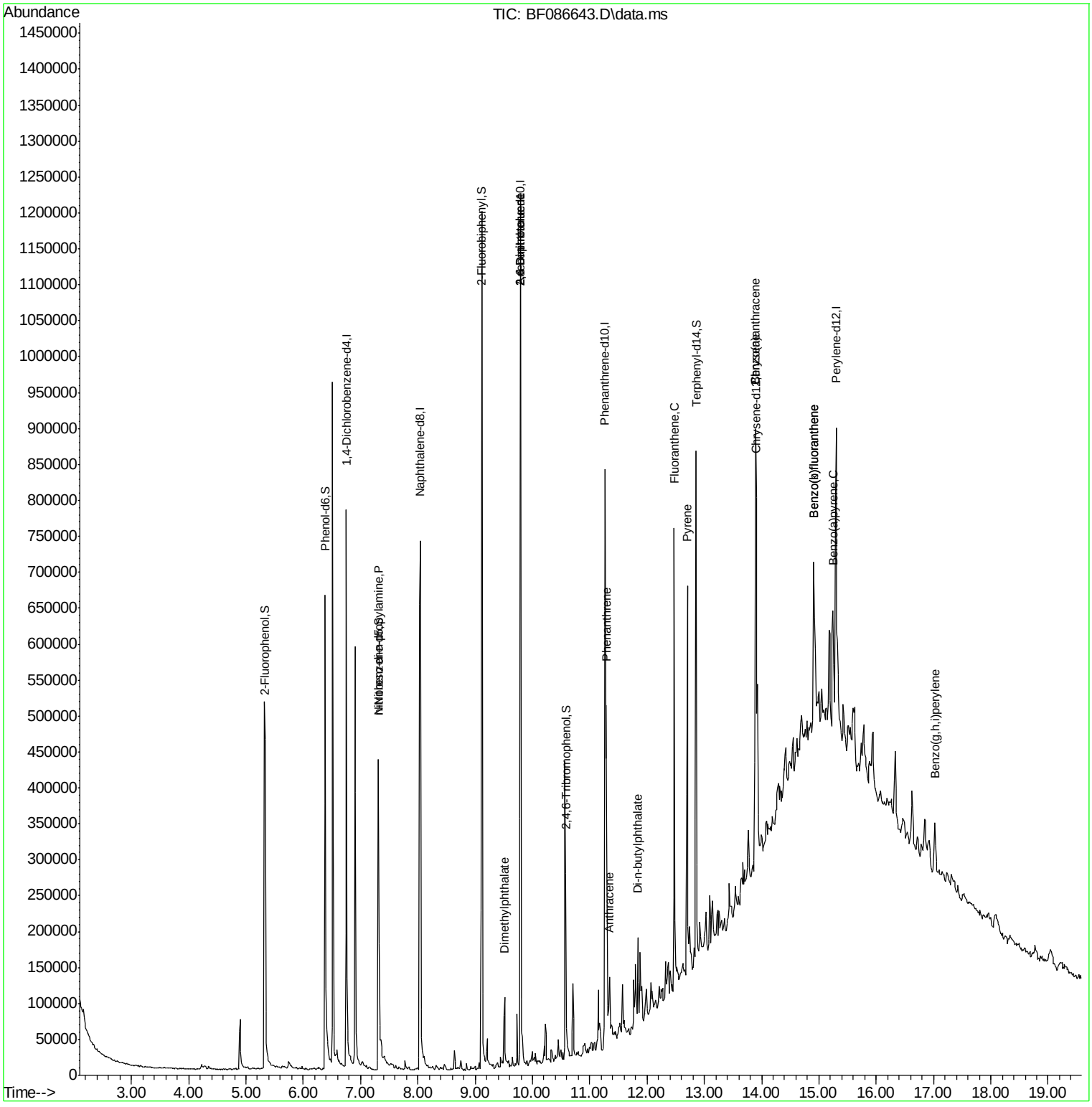
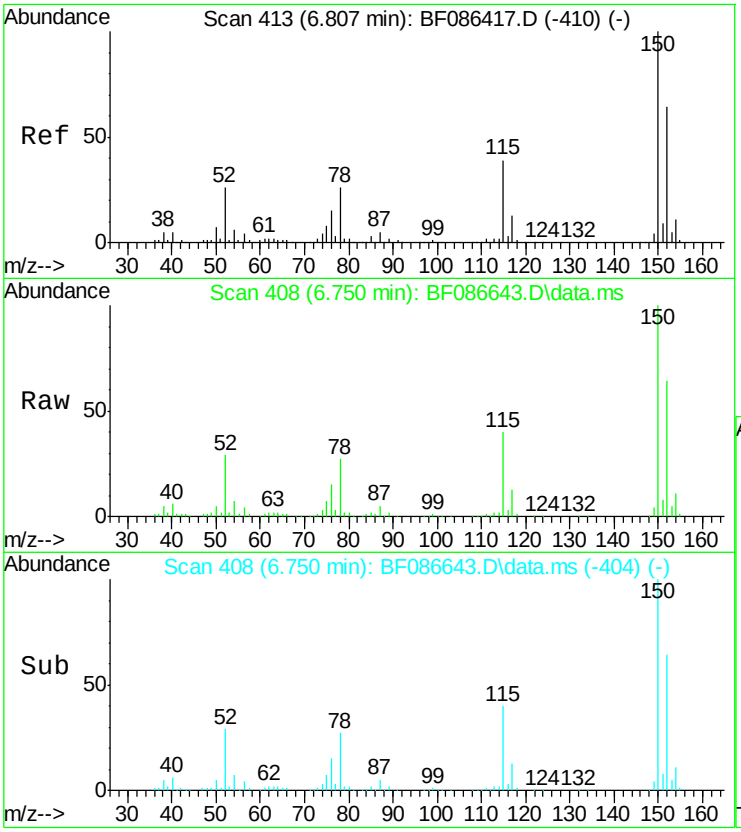


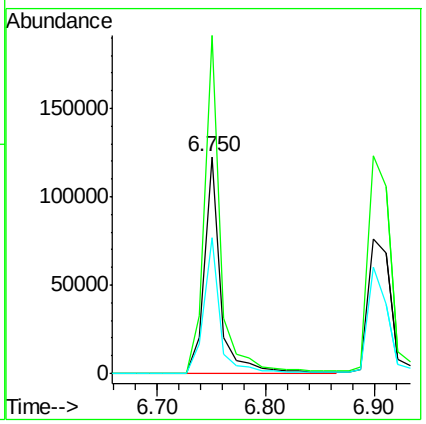


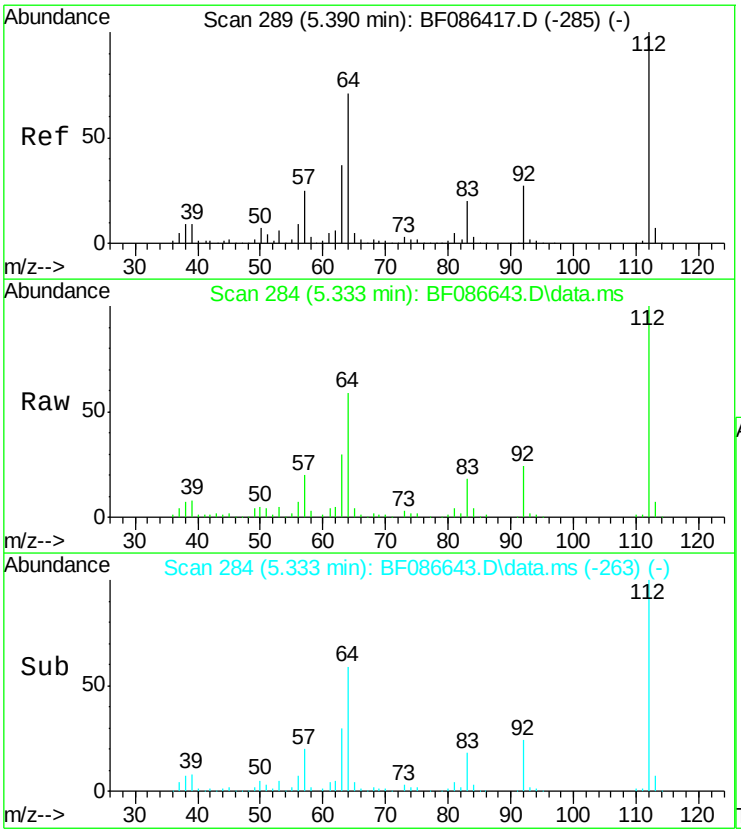
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.750 min Scan# 40
Delta R.T. -0.057 min
Lab File: BF086643.D
Acq: 3 May 2016 14:25

Instrument :
BNA_F
ClientSampleId :
B1(2-4)

Tgt Ion:152 Resp: 128219

Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.8	188.6
115	62.5	51.5	77.3

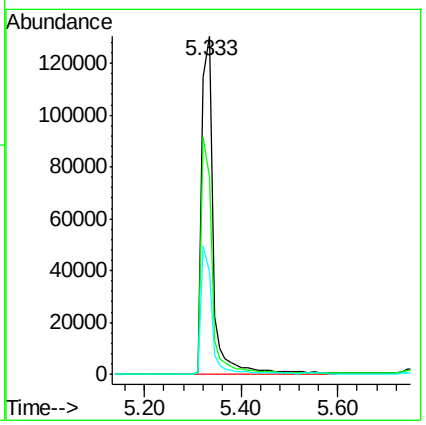


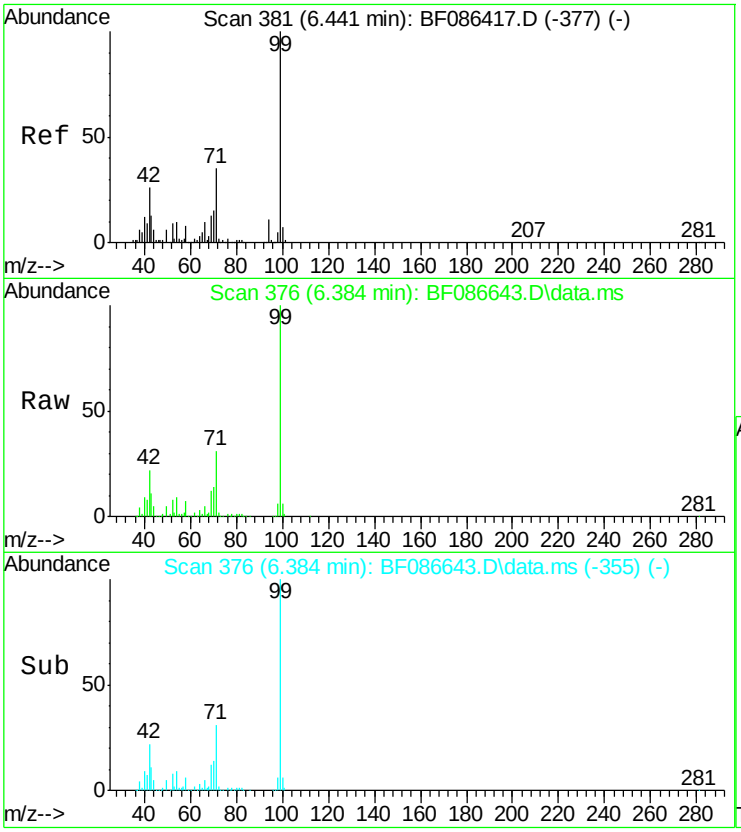


#5
2-Fluorophenol
Concen: 29.09 ng
RT: 5.333 min Scan# 284
Delta R.T. -0.056 min
Lab File: BF086643.D
Acq: 3 May 2016 14:25

Tgt Ion:112 Resp: 216218

Ion	Ratio	Lower	Upper
112	100		
64	58.5	52.1	78.1
63	30.2	25.7	38.5



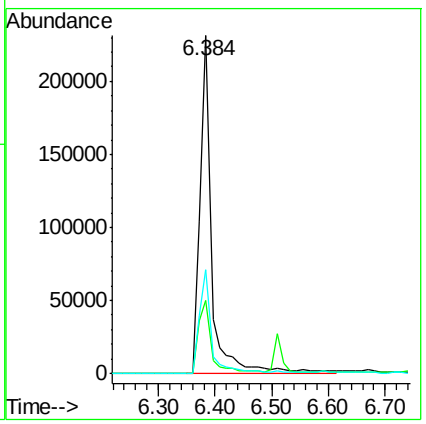


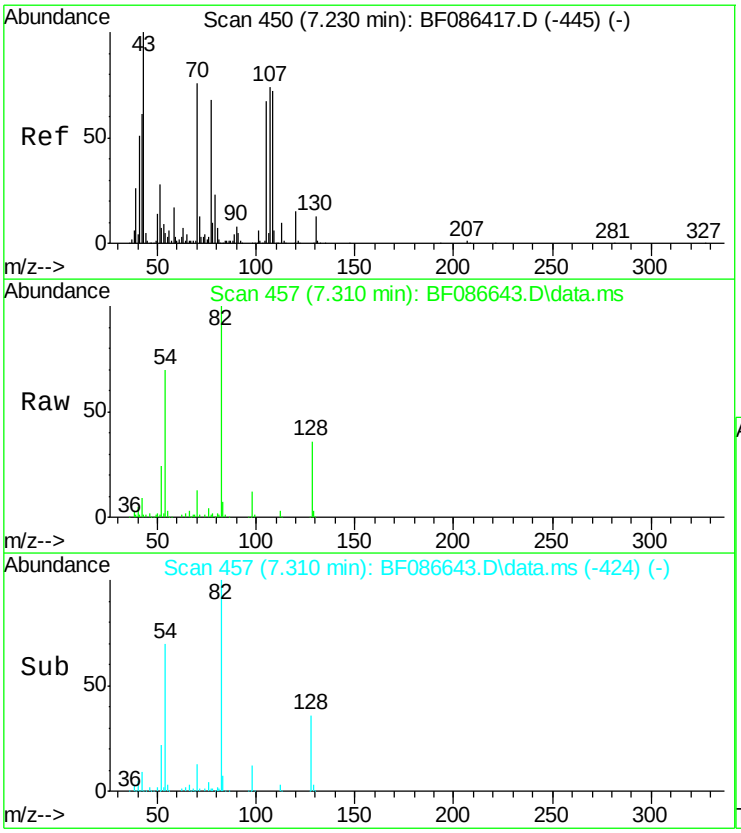
#7
Phenol-d6
Concen: 30.68 ng
RT: 6.384 min Scan# 37
Delta R.T. -0.057 min
Lab File: BF086643.D
Acq: 3 May 2016 14:25

Instrument :
BNA_F
ClientSampleId :
B1(2-4)

Tgt Ion: 99 Resp: 318326

Ion	Ratio	Lower	Upper
99	100		
42	21.6	13.6	20.4#
71	30.8	24.6	36.8

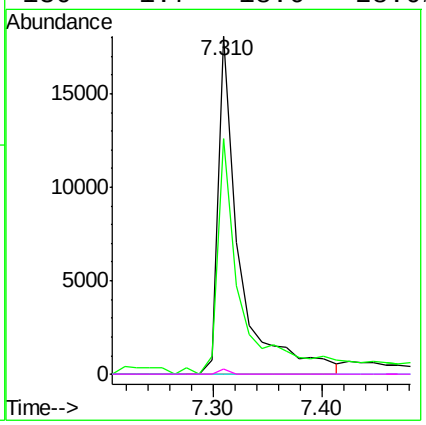


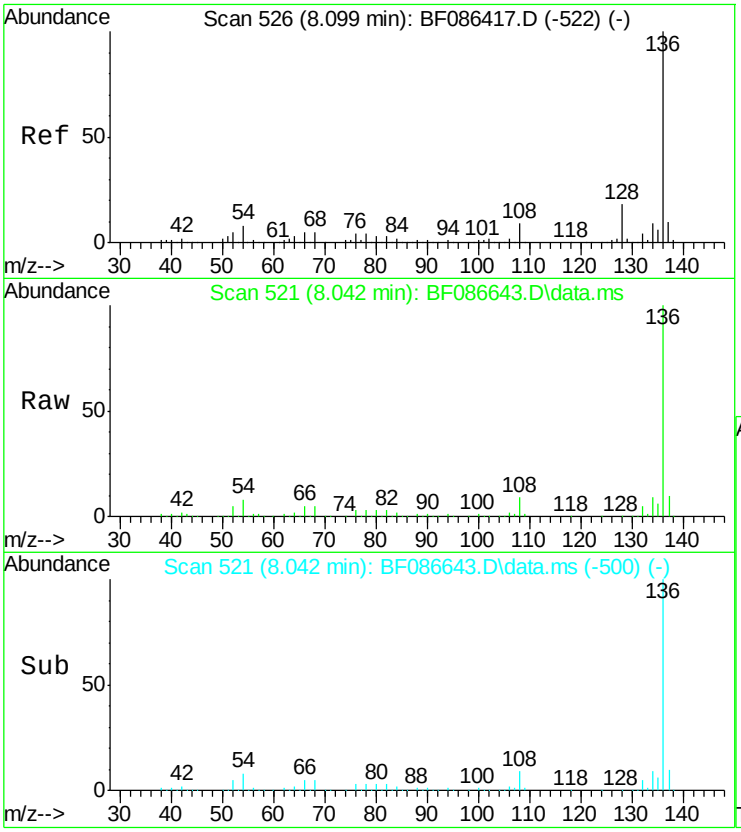


#19
n-Nitroso-di-n-propylamine
Concen: 3.63 ng
RT: 7.310 min Scan# 457
Delta R.T. 0.080 min
Lab File: BF086643.D
Acq: 3 May 2016 14:25

Tgt Ion: 70 Resp: 24887

Ion	Ratio	Lower	Upper
70	100		
42	69.7	43.1	64.7#
101	0.0	8.1	12.1#
130	1.7	18.6	28.0#



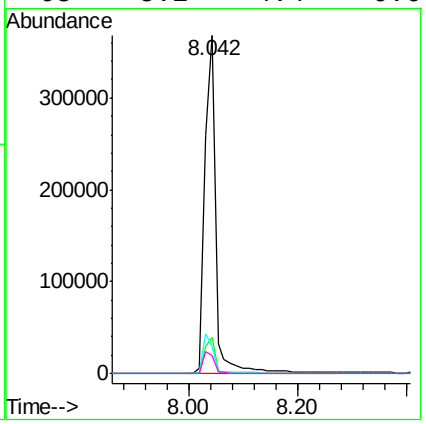


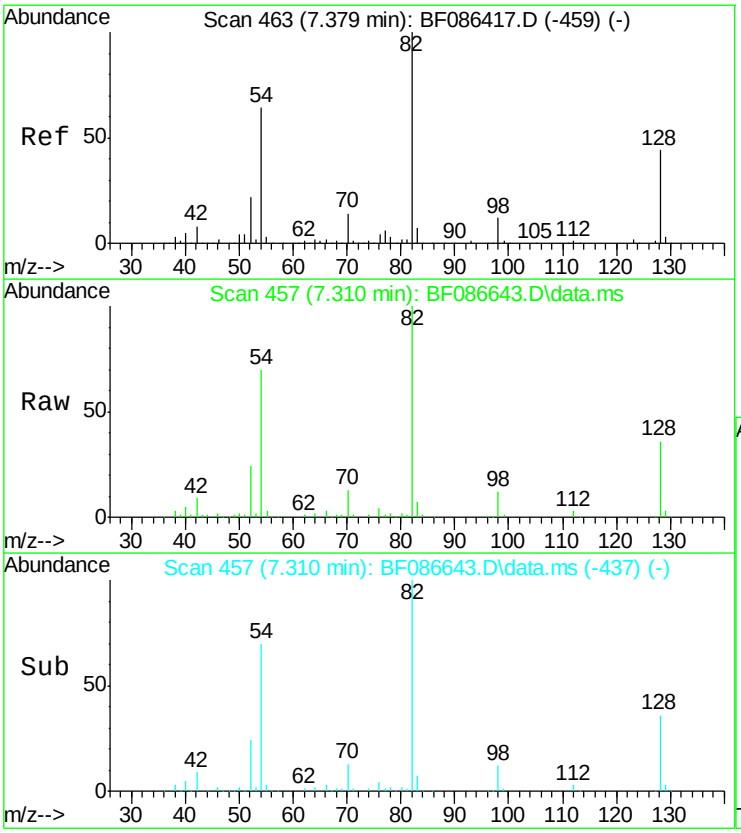
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.042 min Scan# 52
Delta R.T. -0.057 min
Lab File: BF086643.D
Acq: 3 May 2016 14:25

Instrument :
BNA_F
ClientSampleId :
B1(2-4)

Tgt Ion:136 Resp: 511882

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	8.1	5.0	7.4#
68	5.2	4.4	6.6

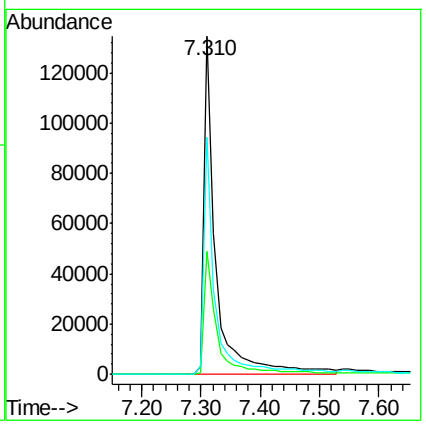


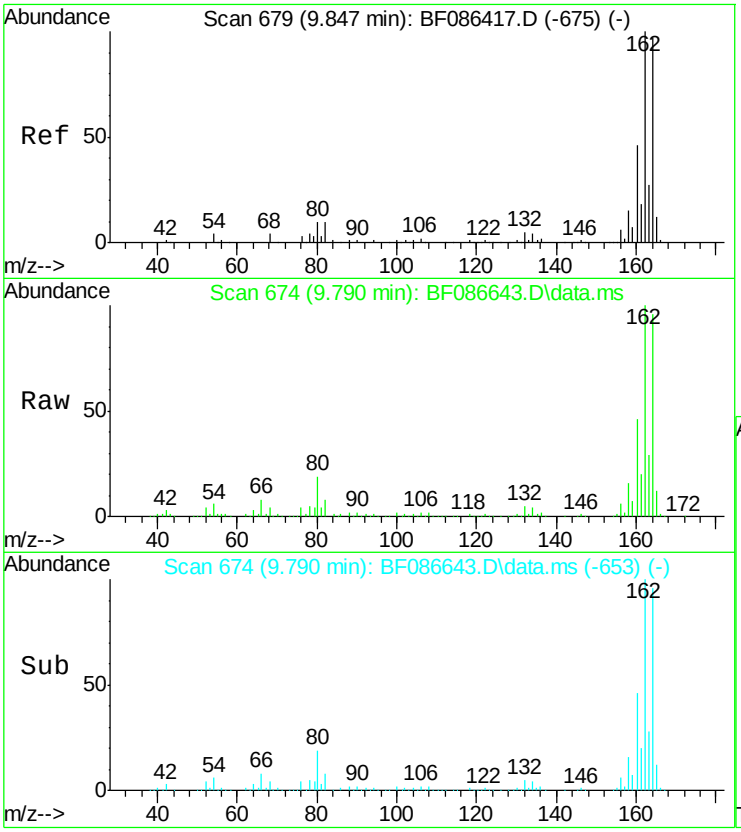


#23
Nitrobenzene-d5
Concen: 20.41 ng
RT: 7.310 min Scan# 457
Delta R.T. -0.068 min
Lab File: BF086643.D
Acq: 3 May 2016 14:25

Tgt Ion: 82 Resp: 193788

Ion	Ratio	Lower	Upper
82	100		
128	36.4	40.6	61.0#
54	70.2	38.1	57.1#



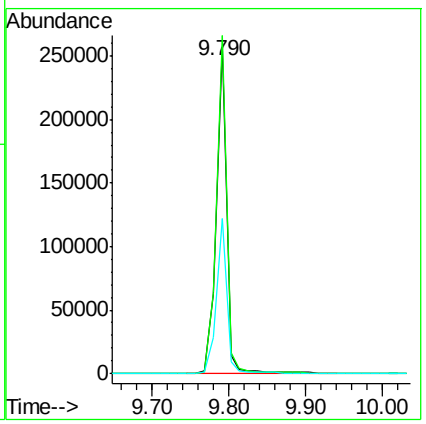


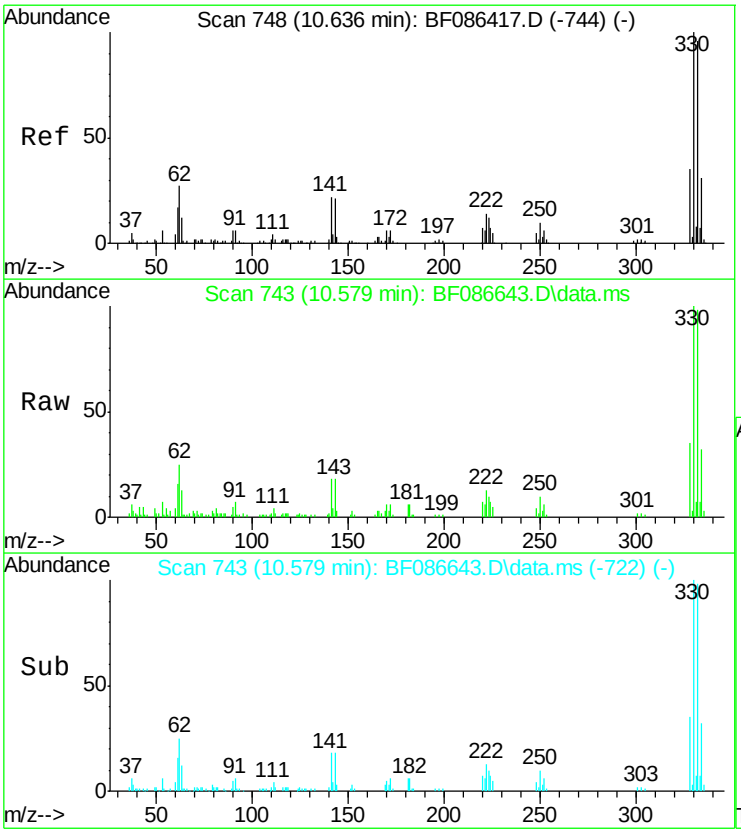
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.790 min Scan# 67
Delta R.T. -0.057 min
Lab File: BF086643.D
Acq: 3 May 2016 14:25

Instrument :
BNA_F
ClientSampleId :
B1(2-4)

Tgt Ion:164 Resp: 239248

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.8	124.2
160	47.7	36.9	55.3

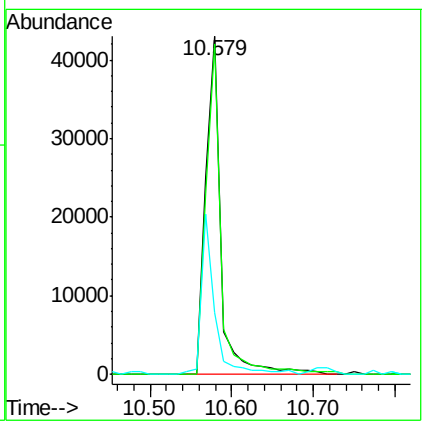


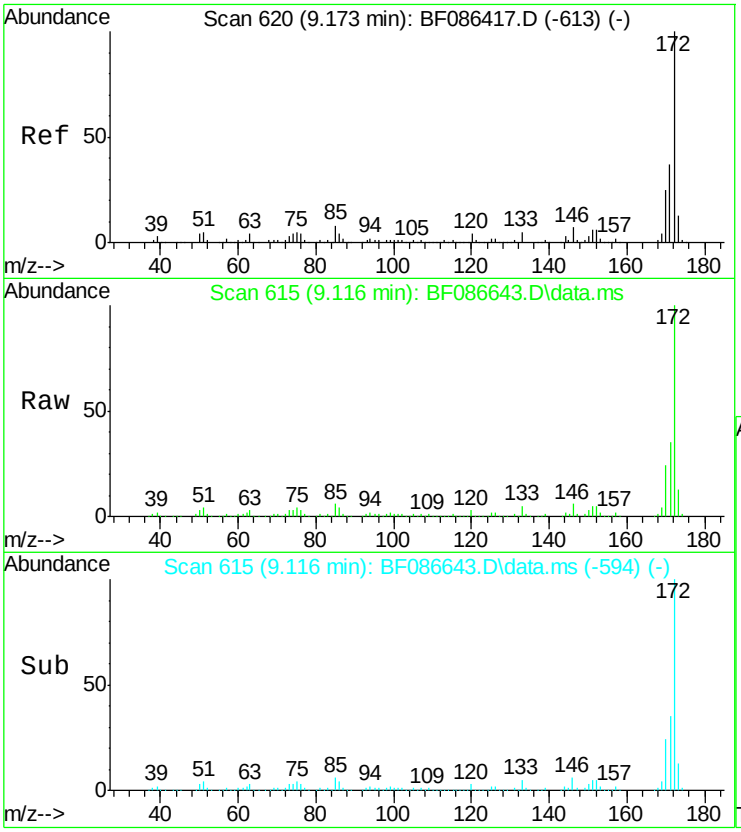


#41
2,4,6-Tribromophenol
Concen: 22.70 ng
RT: 10.579 min Scan# 743
Delta R.T. -0.057 min
Lab File: BF086643.D
Acq: 3 May 2016 14:25

Tgt Ion:330 Resp: 57267

Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.0	118.4
141	42.0	31.2	46.8



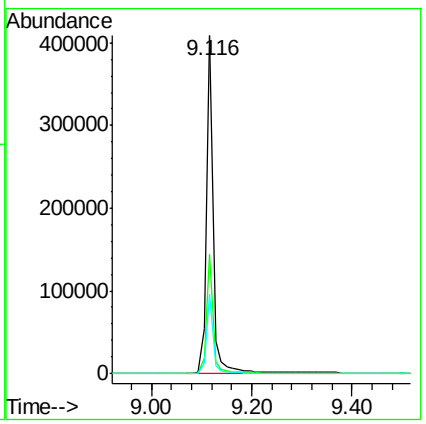


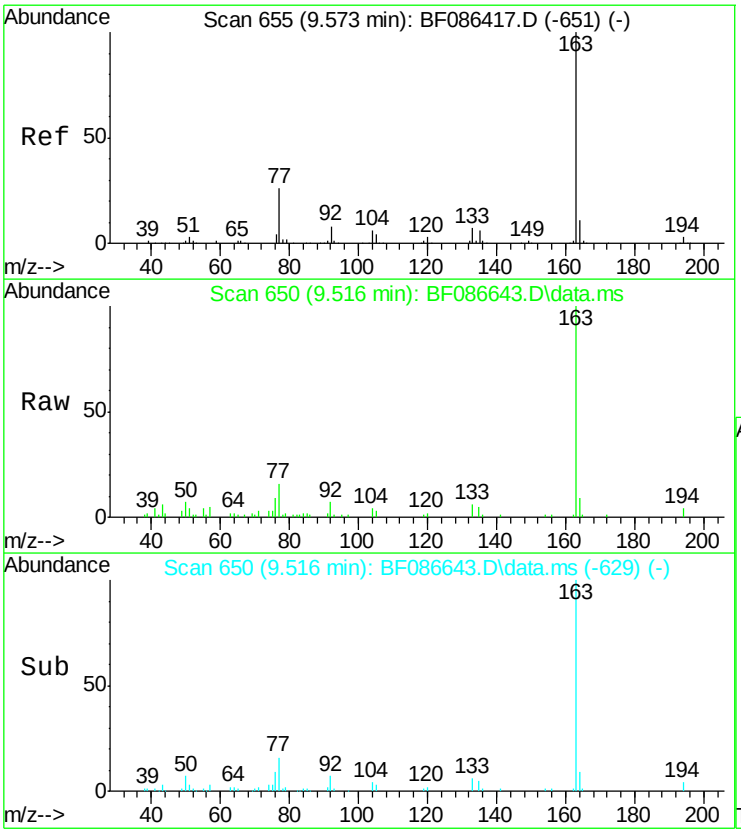
#44
2-Fluorobiphenyl
Concen: 20.95 ng
RT: 9.116 min Scan# 61
Delta R.T. -0.057 min
Lab File: BF086643.D
Acq: 3 May 2016 14:25

Instrument :
BNA_F
ClientSampleId :
B1(2-4)

Tgt Ion:172 Resp: 389260

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.0	43.6
170	23.6	19.8	29.8

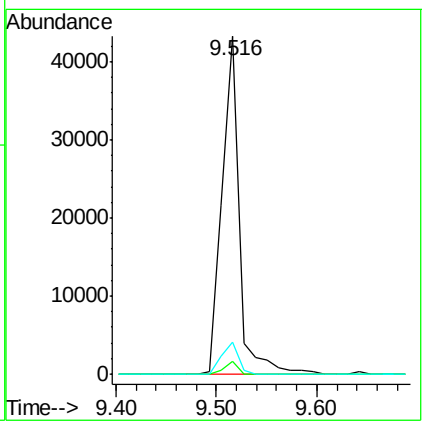


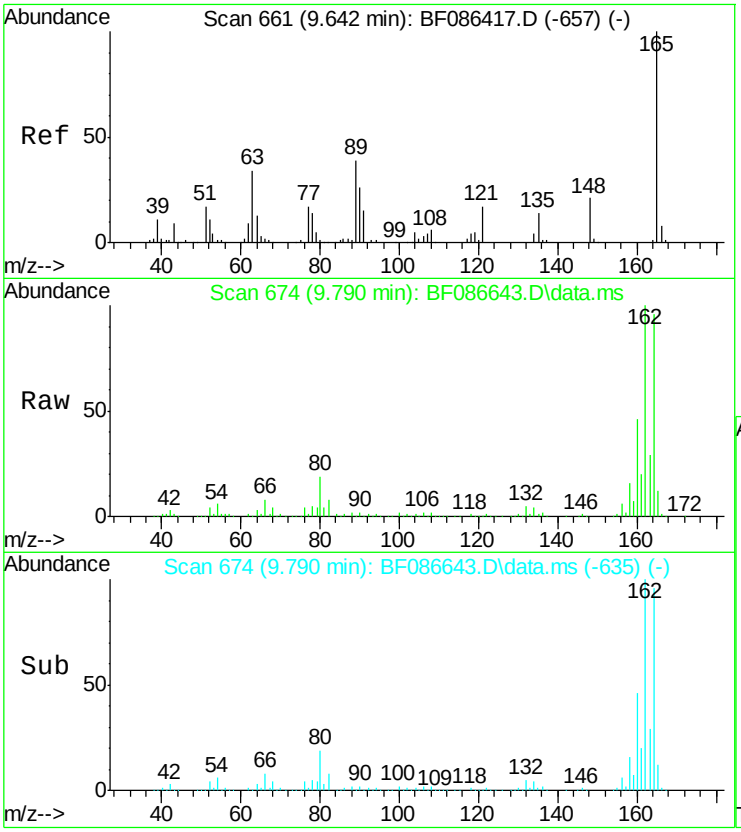


#49
Dimethylphthalate
Concen: 2.87 ng
RT: 9.516 min Scan# 650
Delta R.T. -0.057 min
Lab File: BF086643.D
Acq: 3 May 2016 14:25

Tgt Ion:163 Resp: 51751

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	9.3	8.2	12.4



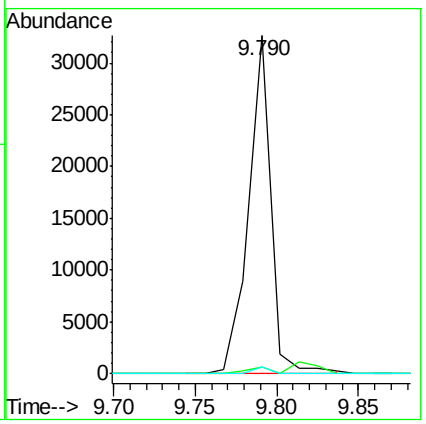


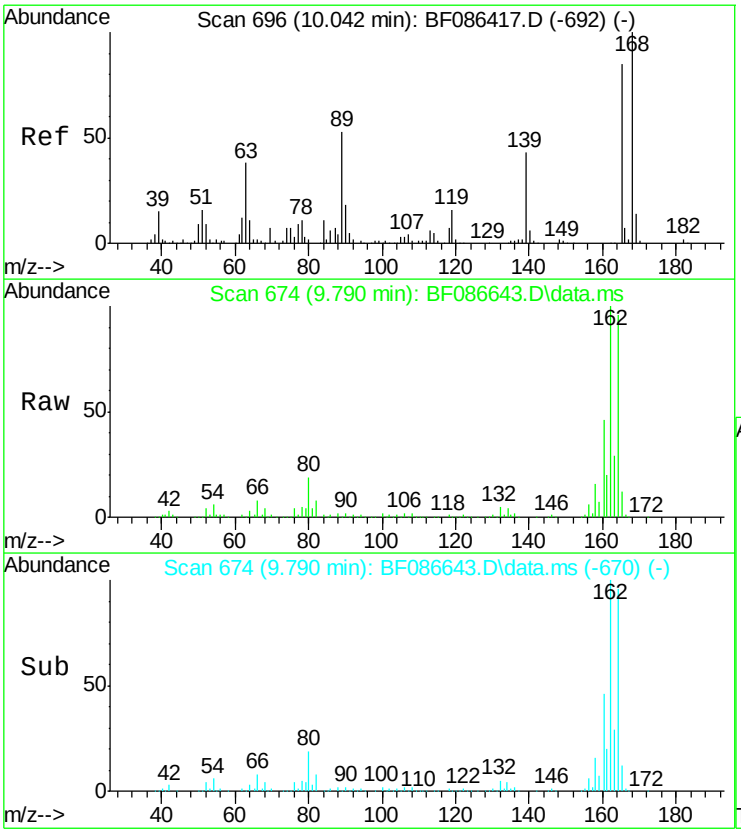
#50
2,6-Dinitrotoluene
Concen: 8.33 ng
RT: 9.790 min Scan# 67
Delta R.T. 0.149 min
Lab File: BF086643.D
Acq: 3 May 2016 14:25

Instrument :
BNA_F
ClientSampleId :
B1(2-4)

Tgt Ion:165 Resp: 31005

Ion	Ratio	Lower	Upper
165	100		
63	2.1	51.8	77.8#
89	2.0	50.7	76.1#

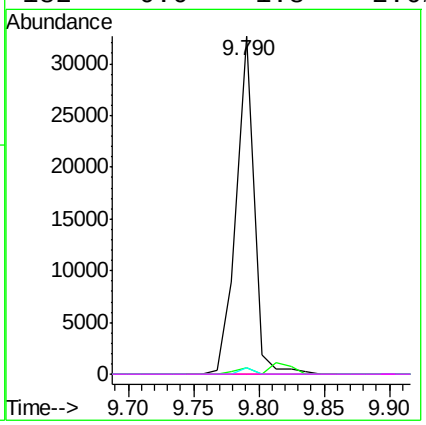


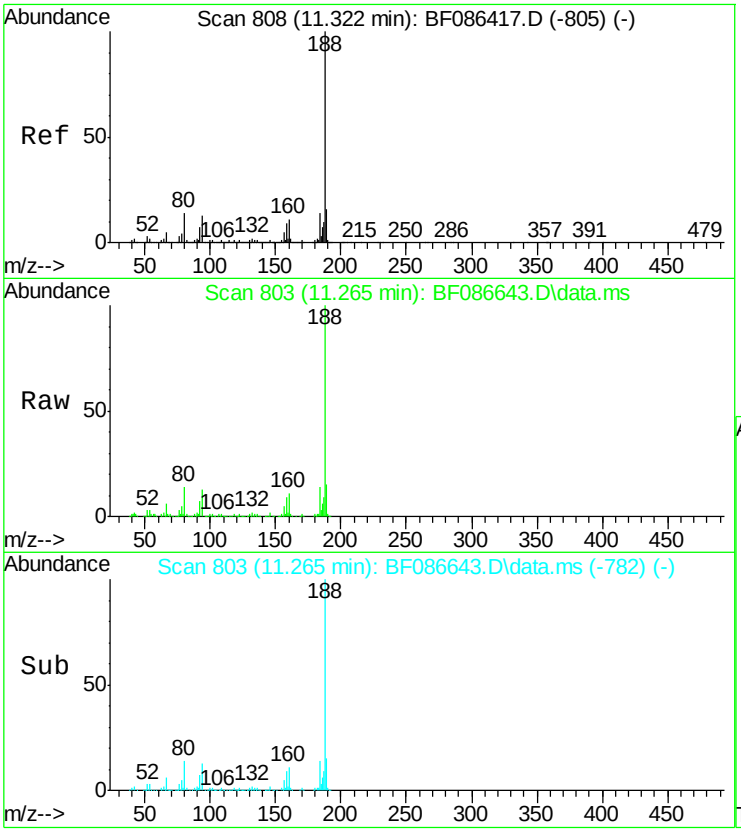


#56
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 9.790 min Scan# 674
Delta R.T. -0.251 min
Lab File: BF086643.D
Acq: 3 May 2016 14:25

Tgt Ion:165 Resp: 31003

Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.3	66.5#
89	2.0	70.0	105.0#
182	0.0	1.8	2.6#



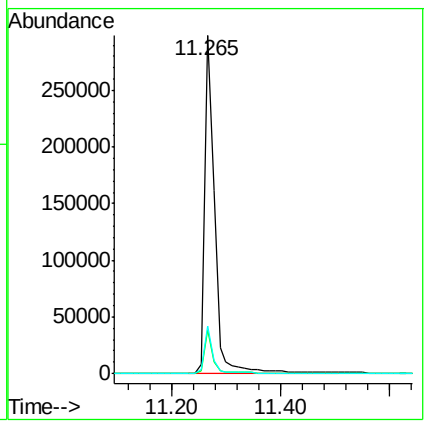


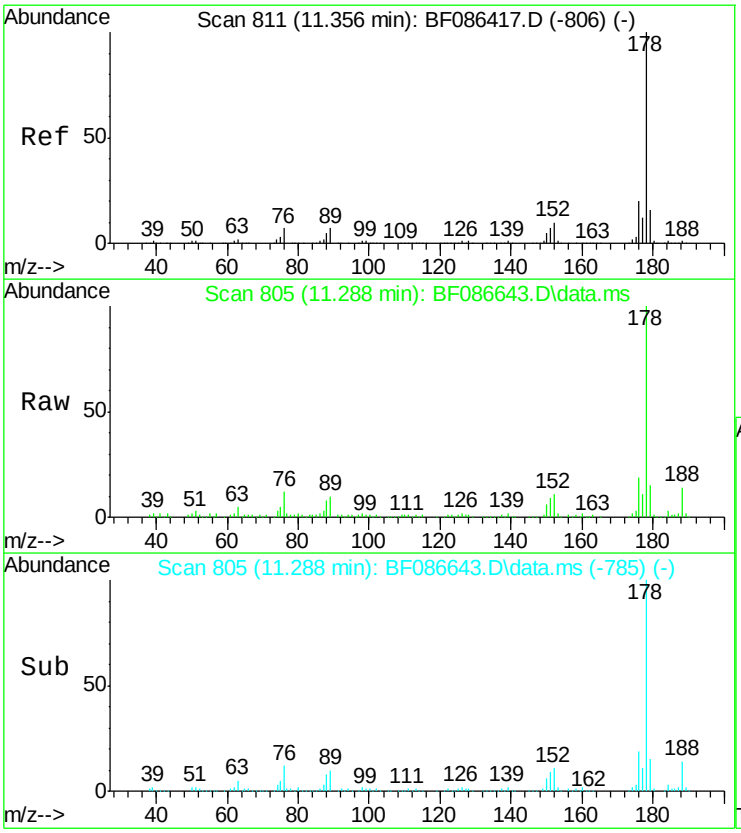
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.265 min Scan# 80
Delta R.T. -0.057 min
Lab File: BF086643.D
Acq: 3 May 2016 14:25

Instrument :
BNA_F
ClientSampleId :
B1(2-4)

Tgt Ion:188 Resp: 374881

Ion	Ratio	Lower	Upper
188	100		
94	12.9	6.8	10.2#
80	14.1	7.1	10.7#

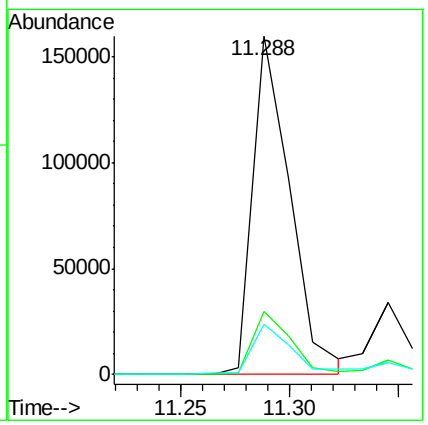


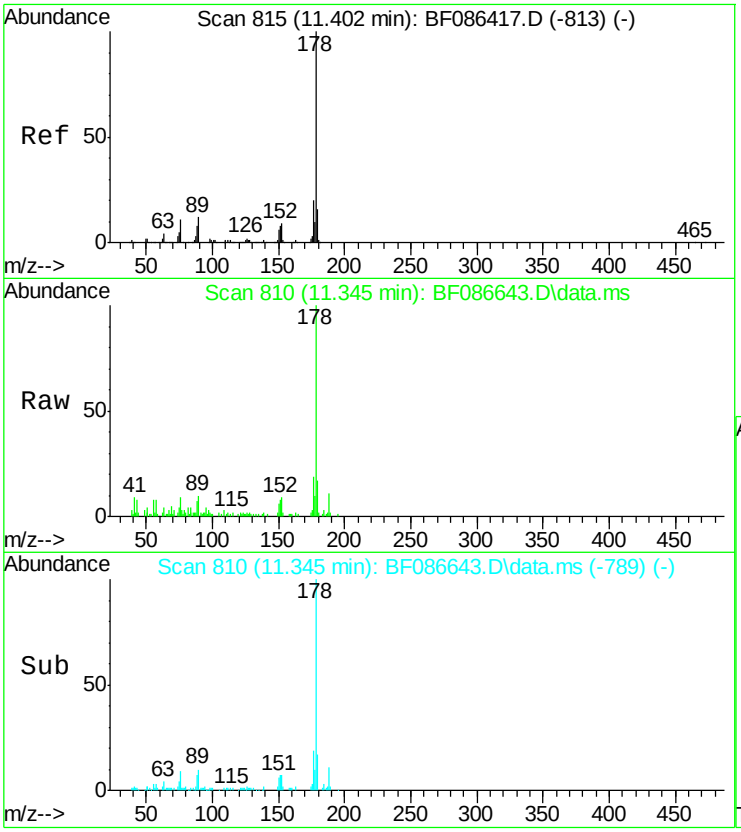


#70
Phenanthrene
Concen: 9.73 ng
RT: 11.288 min Scan# 805
Delta R.T. -0.068 min
Lab File: BF086643.D
Acq: 3 May 2016 14:25

Tgt Ion:178 Resp: 191350

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.0	24.0
179	14.8	12.6	18.8



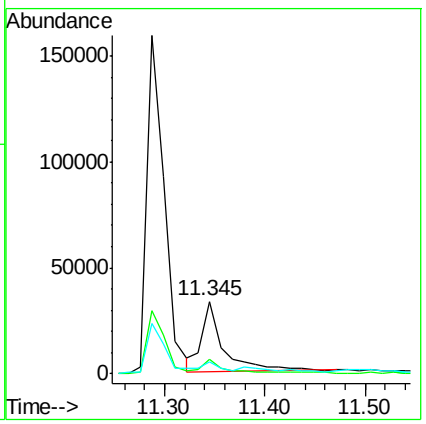


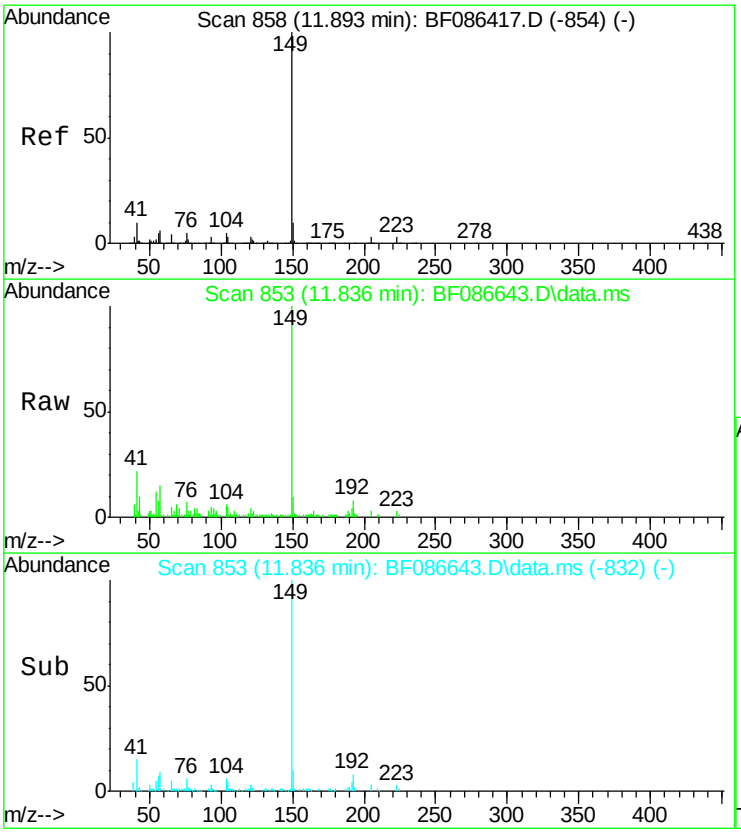
#71
Anthracene
Concen: 2.44 ng
RT: 11.345 min Scan# 81
Delta R.T. -0.057 min
Lab File: BF086643.D
Acq: 3 May 2016 14:25

Instrument :
BNA_F
ClientSampleId :
B1(2-4)

Tgt Ion:178 Resp: 51161

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	16.8	12.7	19.1

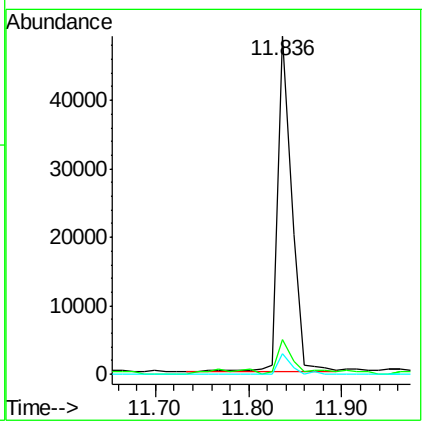


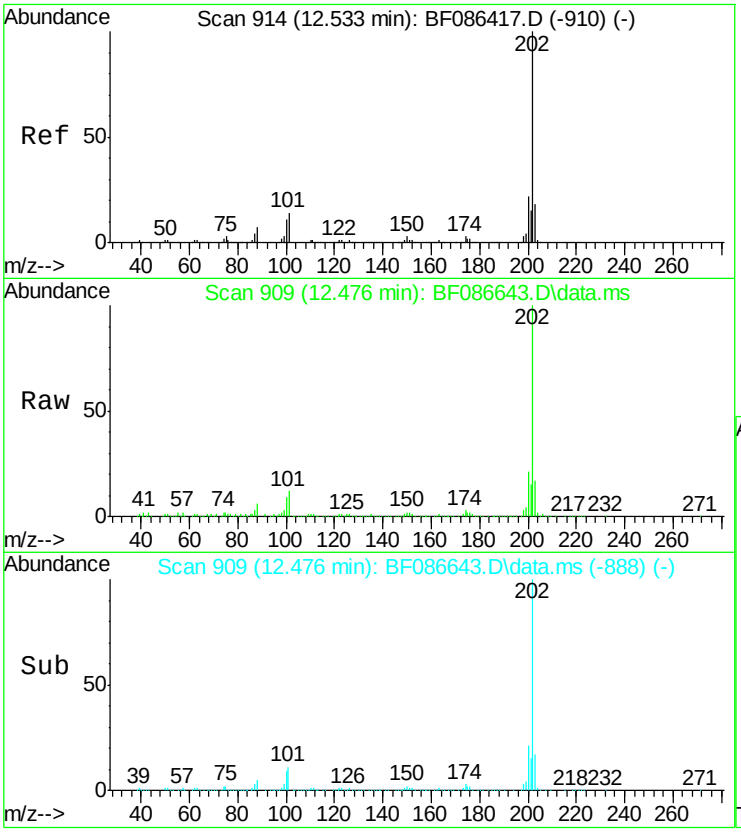


#73
Di-n-butylphthalate
Concen: 2.40 ng
RT: 11.836 min Scan# 853
Delta R.T. -0.057 min
Lab File: BF086643.D
Acq: 3 May 2016 14:25

Tgt Ion:149 Resp: 50546

Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.6	11.4
104	6.0	3.8	5.6#



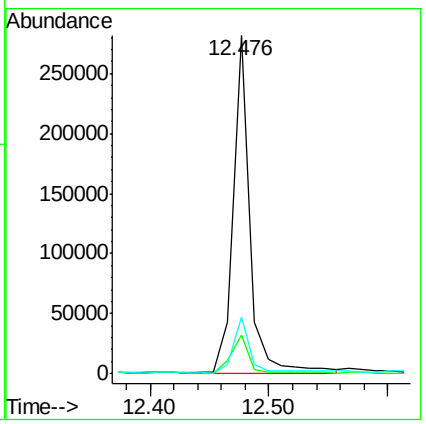


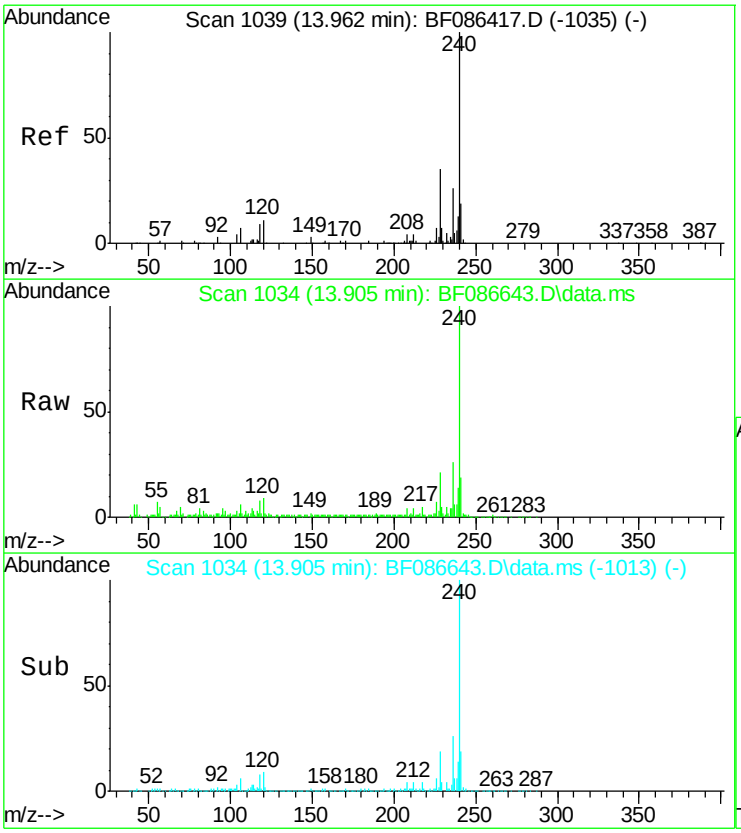
#74
Fluoranthene
Concen: 13.73 ng
RT: 12.476 min Scan# 90
Delta R.T. -0.057 min
Lab File: BF086643.D
Acq: 3 May 2016 14:25

Instrument :
BNA_F
ClientSampleId :
B1(2-4)

Tgt Ion:202 Resp: 272626

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	35.4
203	16.9	0.0	38.1

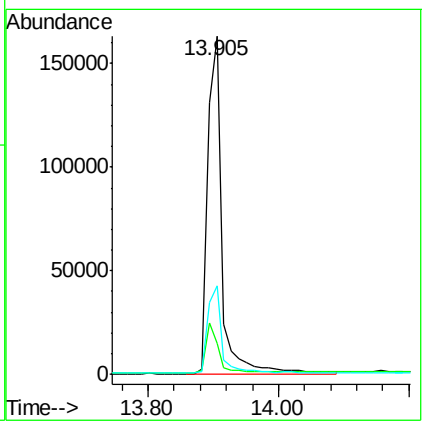


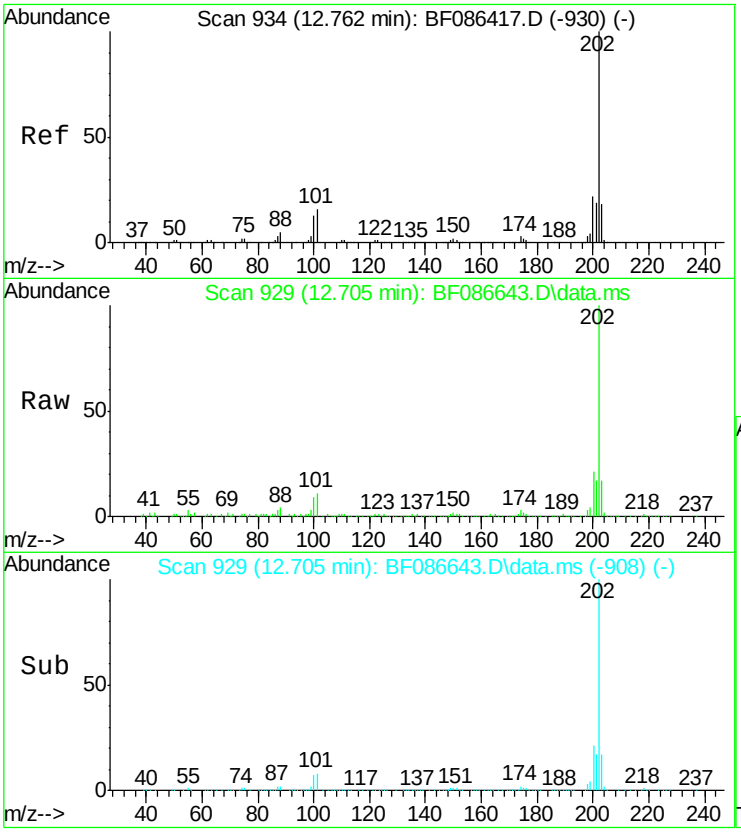


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.905 min Scan# 1034
Delta R.T. -0.057 min
Lab File: BF086643.D
Acq: 3 May 2016 14:25

Tgt Ion:240 Resp: 249080

Ion	Ratio	Lower	Upper
240	100		
120	9.0	11.2	16.8#
236	26.1	21.2	31.8



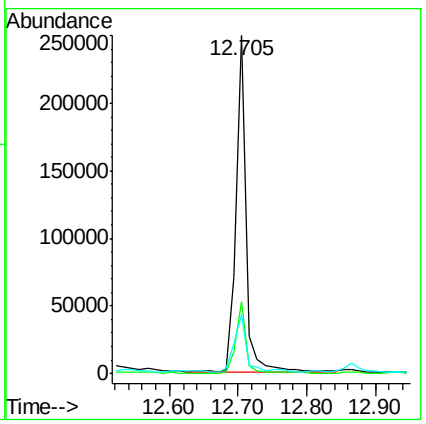


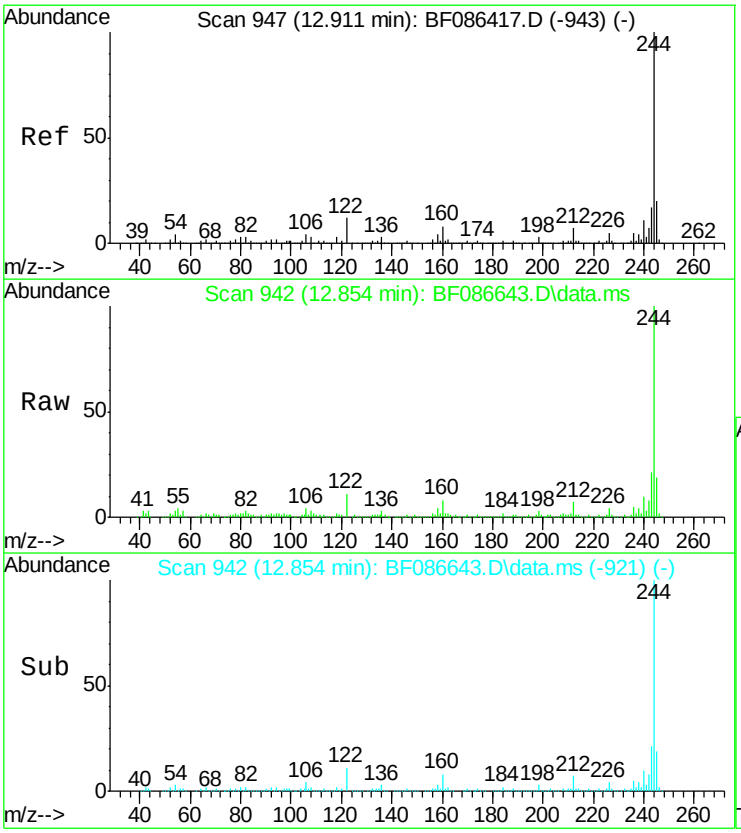
#77
Pyrene
Concen: 14.21 ng
RT: 12.705 min Scan# 92
Delta R.T. -0.057 min
Lab File: BF086643.D
Acq: 3 May 2016 14:25

Instrument :
BNA_F
ClientSampleId :
B1(2-4)

Tgt Ion:202 Resp: 254968

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.7	26.5
203	17.5	14.2	21.4

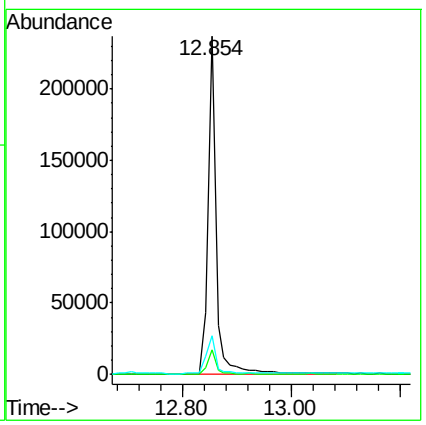


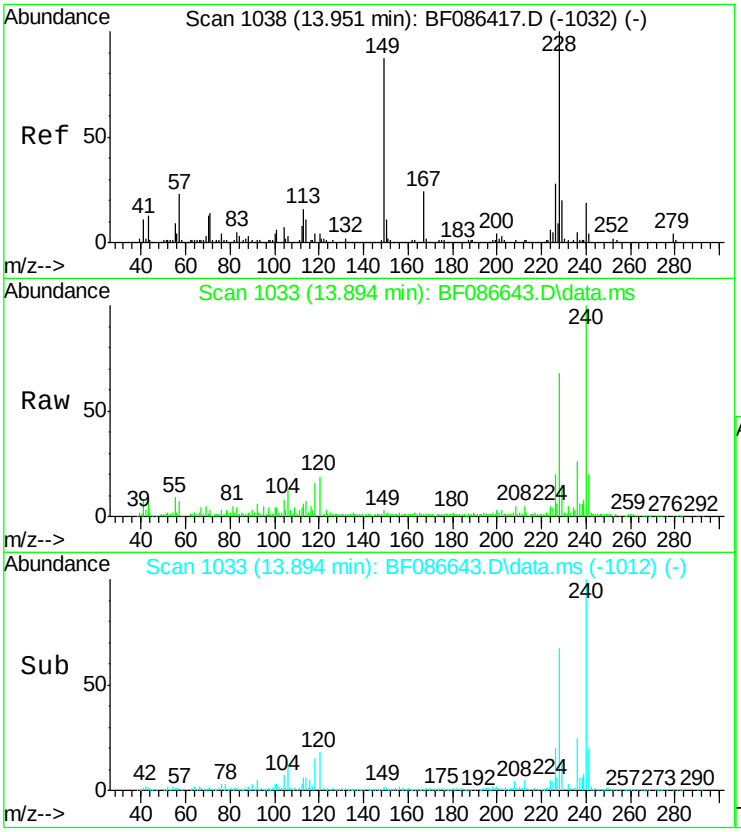


#78
Terphenyl-d14
Concen: 22.04 ng
RT: 12.854 min Scan# 942
Delta R.T. -0.057 min
Lab File: BF086643.D
Acq: 3 May 2016 14:25

Tgt Ion:244 Resp: 249224

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	11.2	12.0	18.0#



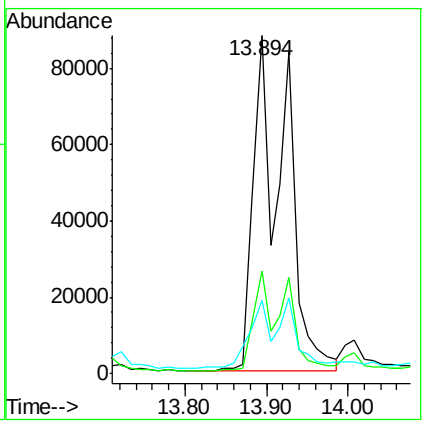


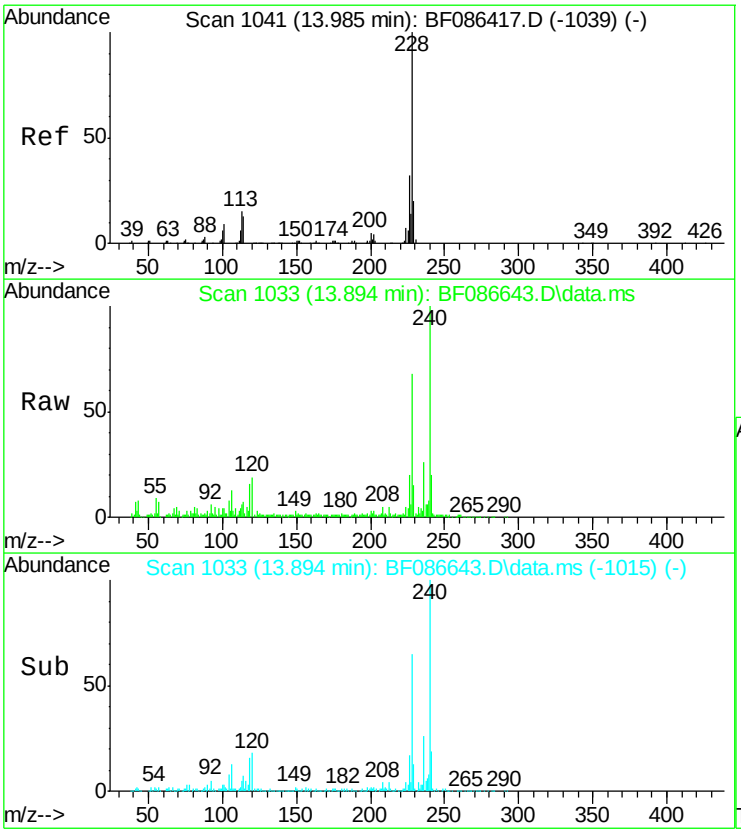
#80
Benzo(a)anthracene
Concen: 17.62 ng
RT: 13.894 min Scan# 10
Delta R.T. -0.057 min
Lab File: BF086643.D
Acq: 3 May 2016 14:25

Instrument :
BNA_F
ClientSampleId :
B1(2-4)

Tgt Ion:228 Resp: 234038

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.5	33.7
229	21.7	16.6	25.0

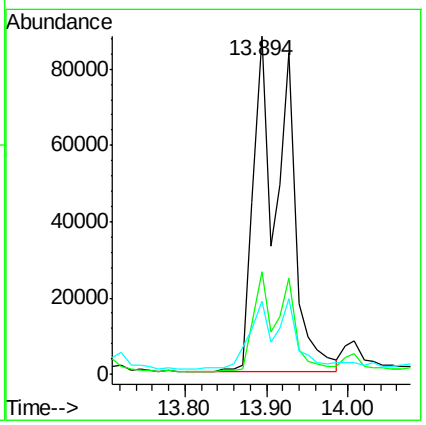


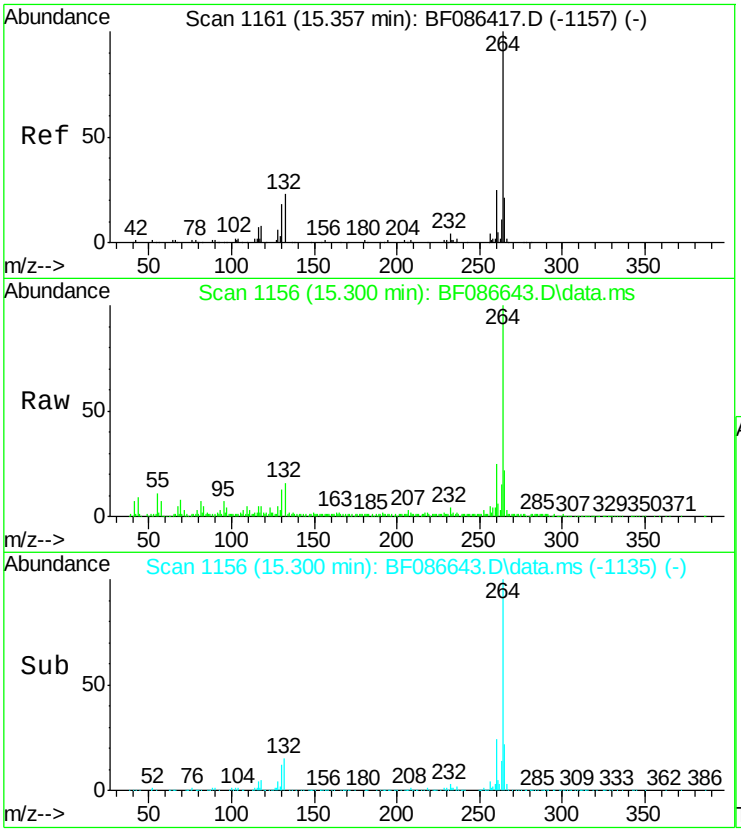


#82
Chrysene
Concen: 16.21 ng
RT: 13.894 min Scan# 1033
Delta R.T. -0.091 min
Lab File: BF086643.D
Acq: 3 May 2016 14:25

Tgt Ion:228 Resp: 234038

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	21.7	15.8	23.8



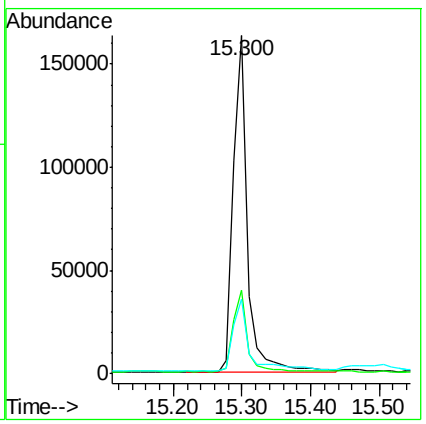


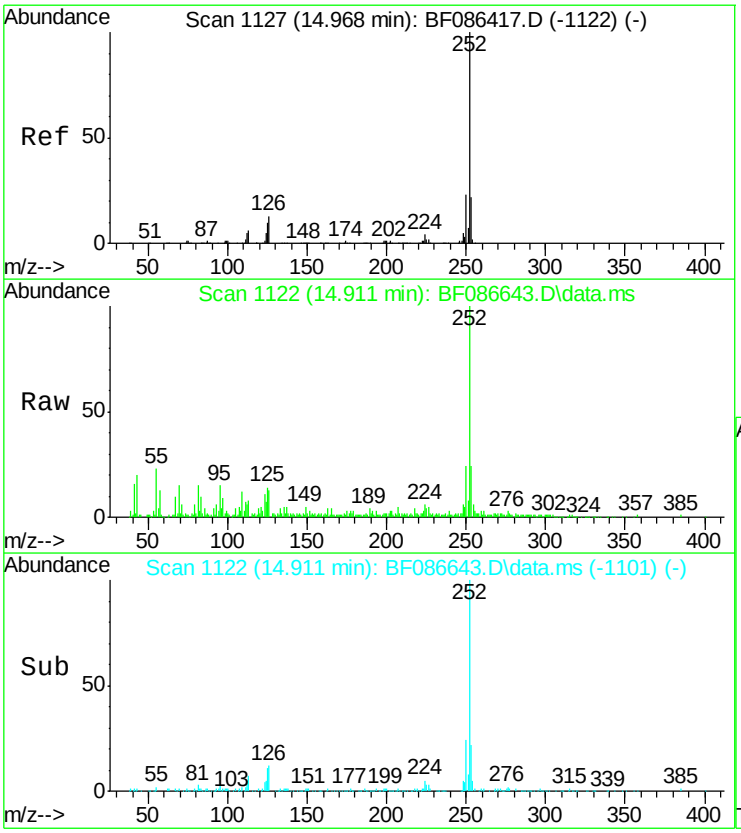
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.300 min Scan# 11
Delta R.T. -0.057 min
Lab File: BF086643.D
Acq: 3 May 2016 14:25

Instrument :
BNA_F
ClientSampleId :
B1(2-4)

Tgt Ion:264 Resp: 237544

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.2	17.3	25.9

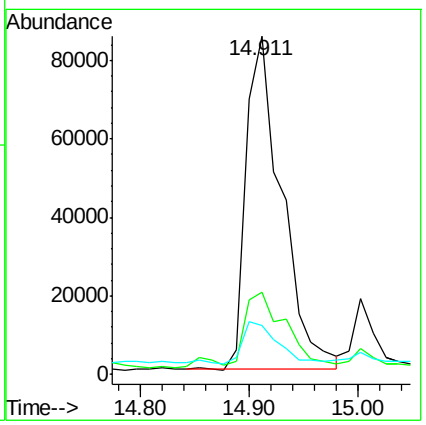


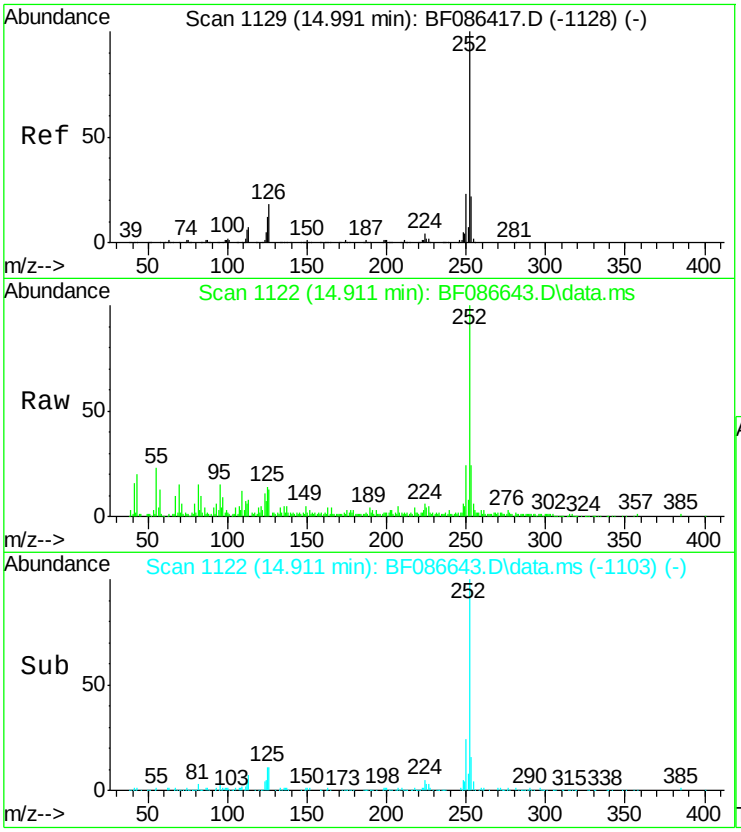


#87
Benzo(b)fluoranthene
Concen: 13.87 ng
RT: 14.911 min Scan# 1122
Delta R.T. -0.057 min
Lab File: BF086643.D
Acq: 3 May 2016 14:25

Tgt Ion:252 Resp: 193757

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.6
125	14.4	11.4	17.0



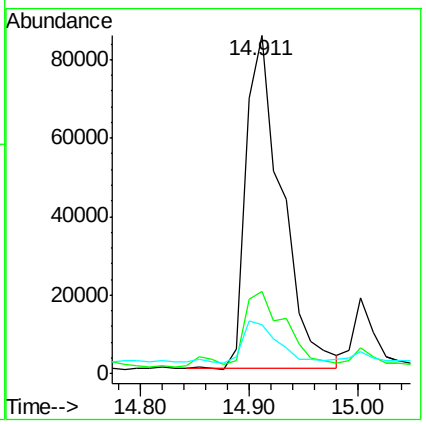


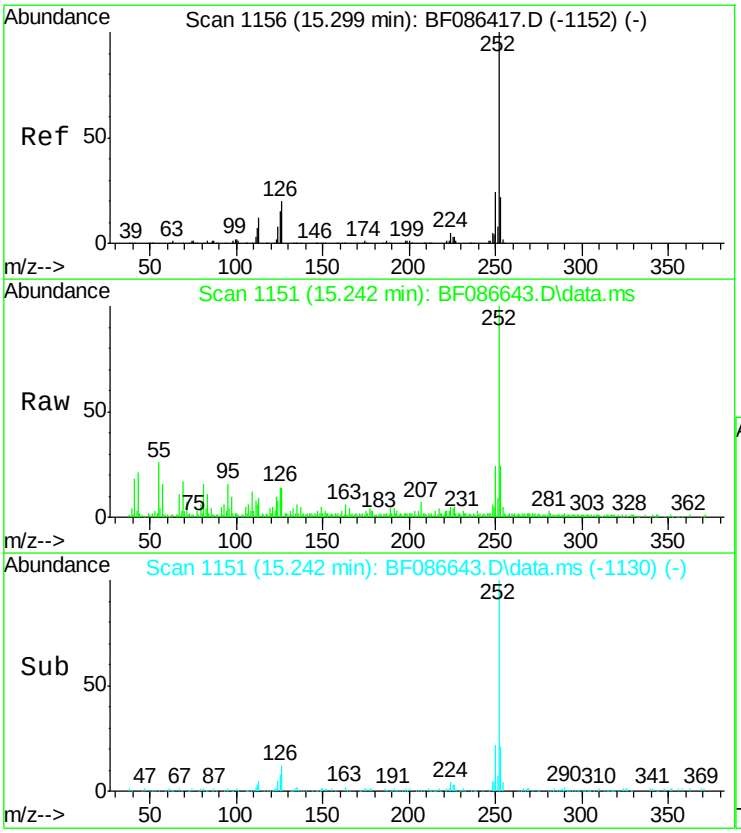
#88
Benzo(k)fluoranthene
Concen: 13.29 ng
RT: 14.911 min Scan# 11
Delta R.T. -0.080 min
Lab File: BF086643.D
Acq: 3 May 2016 14:25

Instrument :
BNA_F
ClientSampleId :
B1(2-4)

Tgt Ion:252 Resp: 193757

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.6
125	14.4	9.1	13.7#

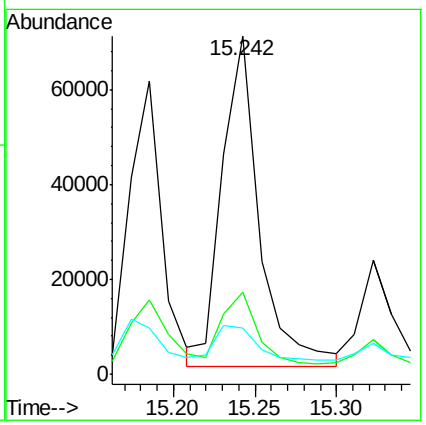


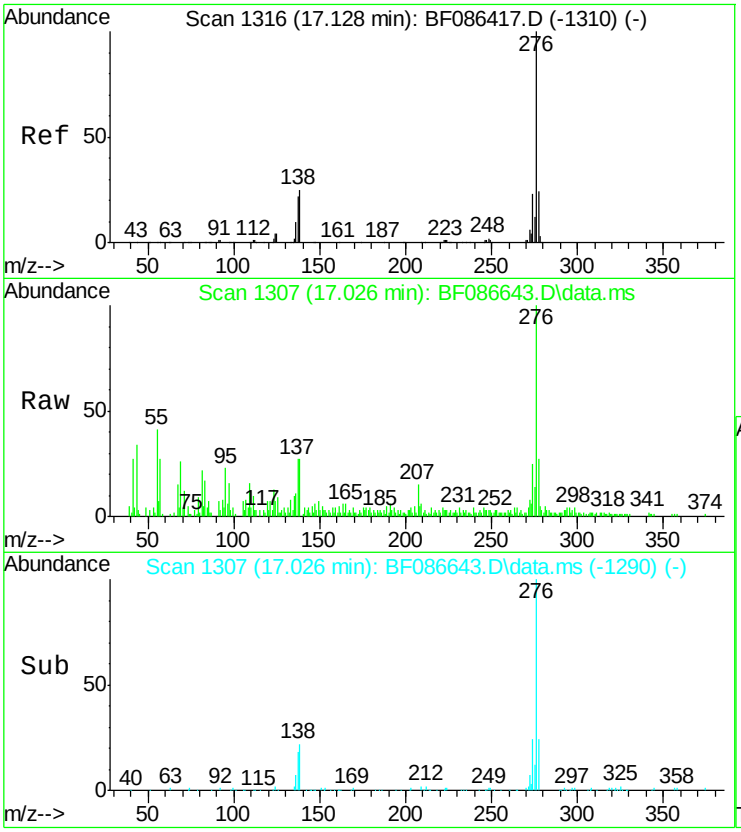


#89
Benzo(a)pyrene
Concen: 8.29 ng
RT: 15.242 min Scan# 1151
Delta R.T. -0.057 min
Lab File: BF086643.D
Acq: 3 May 2016 14:25

Tgt Ion:252 Resp: 109420

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	13.6	9.0	13.6





#91
Benzo(g,h,i)perylene
Concen: 5.79 ng
RT: 17.026 min Scan# 13
Delta R.T. -0.103 min
Lab File: BF086643.D
Acq: 3 May 2016 14:25

Instrument :
BNA_F
ClientSampleId :
B1(2-4)

Tgt Ion:276 Resp: 62698

Ion	Ratio	Lower	Upper
276	100		
277	26.5	19.6	29.4
138	26.6	23.6	35.4