Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF050316\
Data File : BF086645.D
Acq On : 3 May 2016 15:22
Operator : UM/SJ
Sample : H2685-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-2A-CS-2(0-6FTBGS)

Quant Time: May 03 15:59:55 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	191204	20.00	ng		-0.06
21) Naphthalene-d8	8.042	136	769235	20.00	ng		-0.06
38) Acenaphthene-d10	9.790	164	369058	20.00	ng		-0.06
63) Phenanthrene-d10	11.265	188	568176	20.00	ng		-0.06
75) Chrysene-d12	13.905	240	380103	20.00	ng		-0.06
86) Perylene-d12	15.300	264	377826	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.344	112	1156368	104.32	ng		-0.04
7) Phenol-d6	6.396	99	1661245	107.38	ng		-0.05
23) Nitrobenzene-d5	7.322	82	1177458	82.51	ng		-0.06
41) 2,4,6-Tribromophenol	10.579	330	364429	93.64	ng		-0.06
44) 2-Fluorobiphenyl	9.116	172	1570355	71.90	ng		-0.06
78) Terphenyl-d14	12.854	244	1141624	66.17	ng		-0.06
Target Compounds							Qvalue
15) Benzyl Alcohol	6.910	79	20371	2.08	ng	#	38
19) n-Nitroso-di-n-propyla...	7.322	70	162840	15.92	ng	#	76
49) Dimethylphthalate	9.516	163	369434	13.30	ng		99
56) 2,4-Dinitrotoluene	9.790	165	47350	6.47	ng	#	16
66) 4-Bromophenyl-phenylether	10.579	248	22851	3.90	ng	#	1
70) Phenanthrene	11.288	178	106420	3.57	ng		99
74) Fluoranthene	12.476	202	223447	7.42	ng		94
77) Pyrene	12.705	202	208568	7.62	ng		98
80) Benzo(a)anthracene	13.894	228	86624	4.27	ng		97
82) Chrysene	13.894	228	86624	3.93	ng		98
85) Indeno(1,2,3-cd)pyrene	16.625	276	57647	3.53	ng		93
87) Benzo(b)fluoranthene	14.911	252	177619	7.99	ng		99
88) Benzo(k)fluoranthene	14.911	252	177619	7.66	ng	#	97
89) Benzo(a)pyrene	15.242	252	90099	4.29	ng	#	95
91) Benzo(g,h,i)perylene	17.014	276	54503	3.17	ng		98

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

Quantitation Report (Not Reviewed)

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Acq On : 3 May 2016 15:22
Operator : UM/SJ
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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

Quant Time: May 03 15:59:55 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
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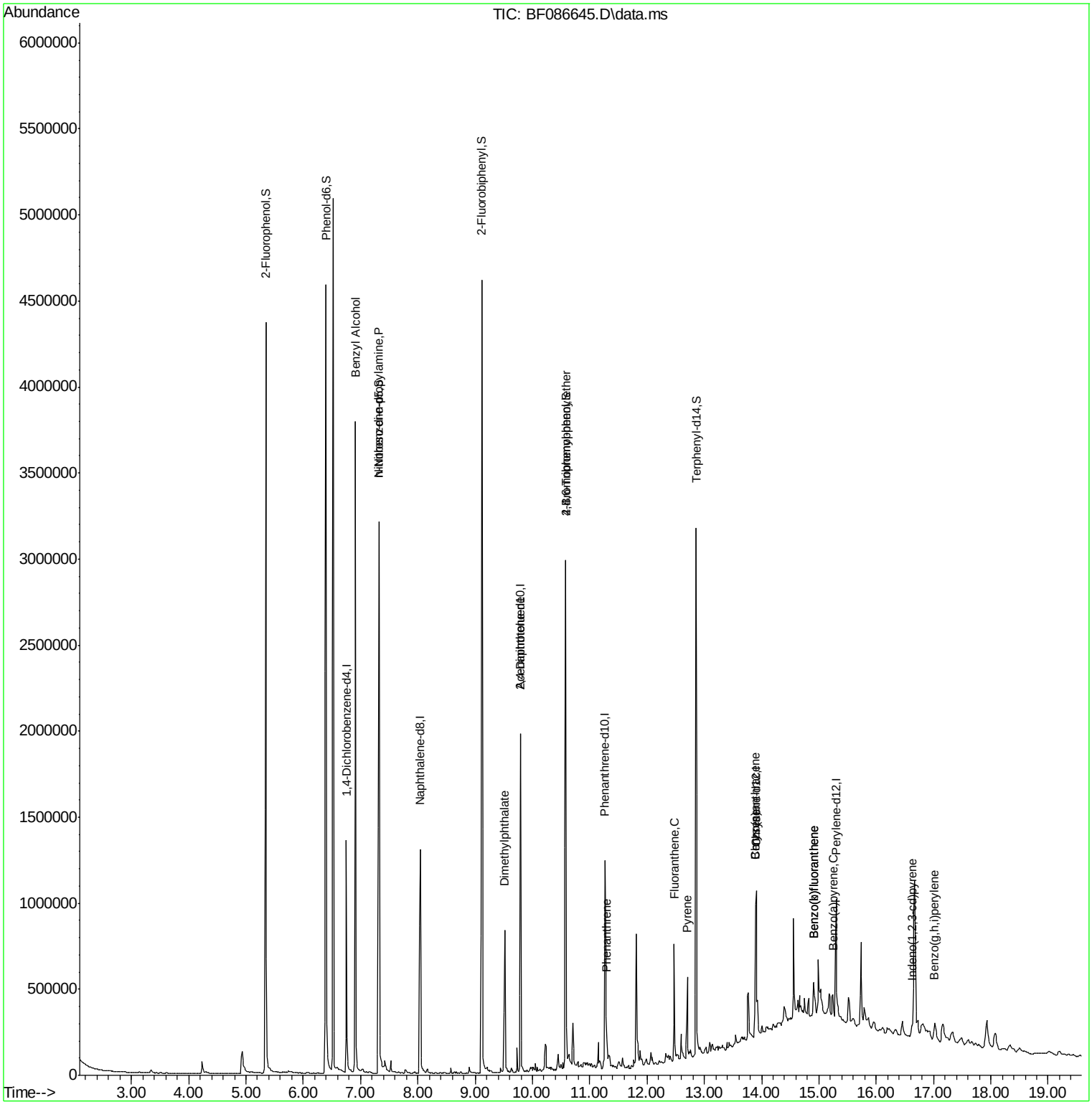
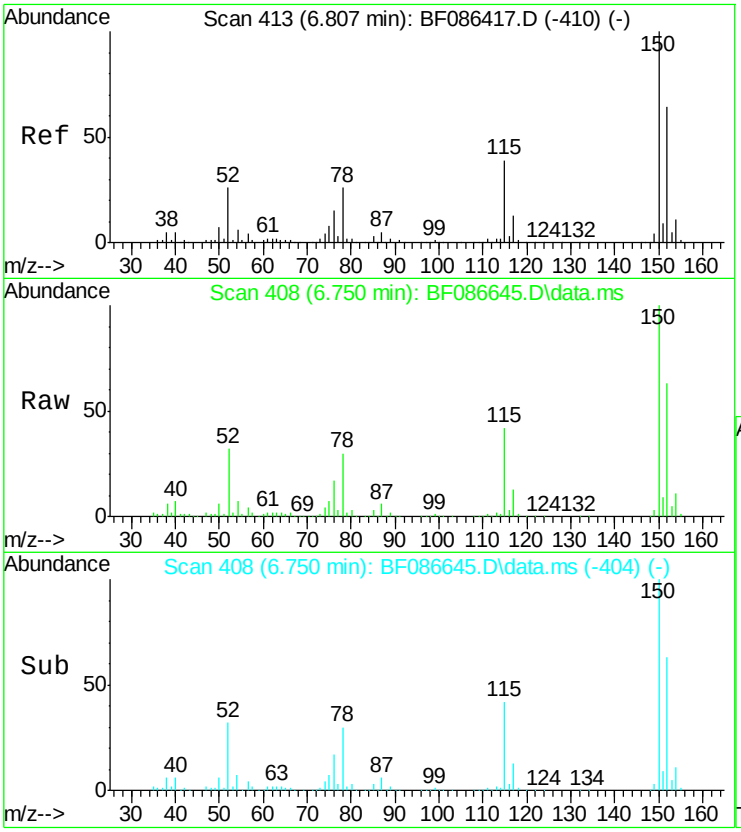


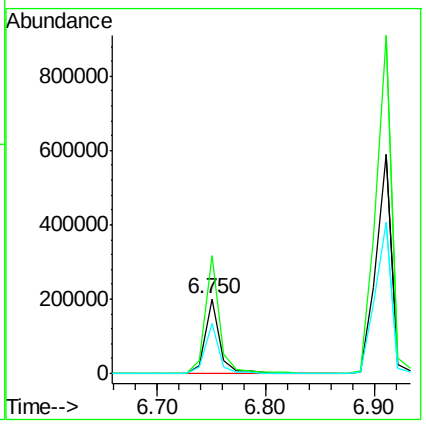


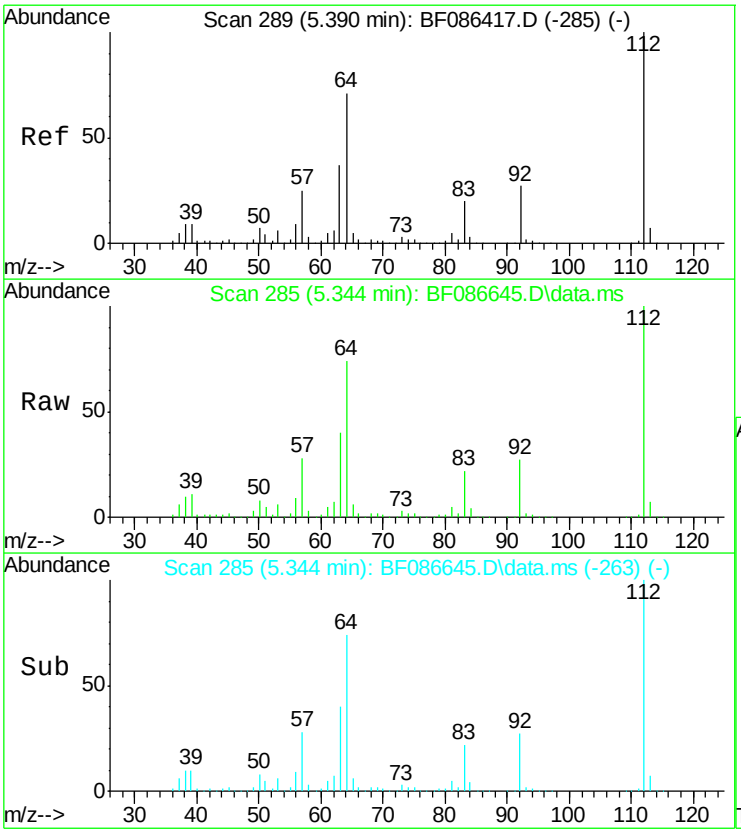
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.750 min Scan# 40
Delta R.T. -0.057 min
Lab File: BF086645.D
Acq: 3 May 2016 15:22

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

Tgt Ion:152 Resp: 191204

Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.8	188.6
115	66.8	51.5	77.3

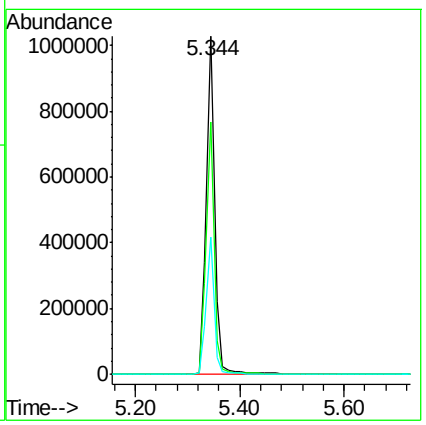


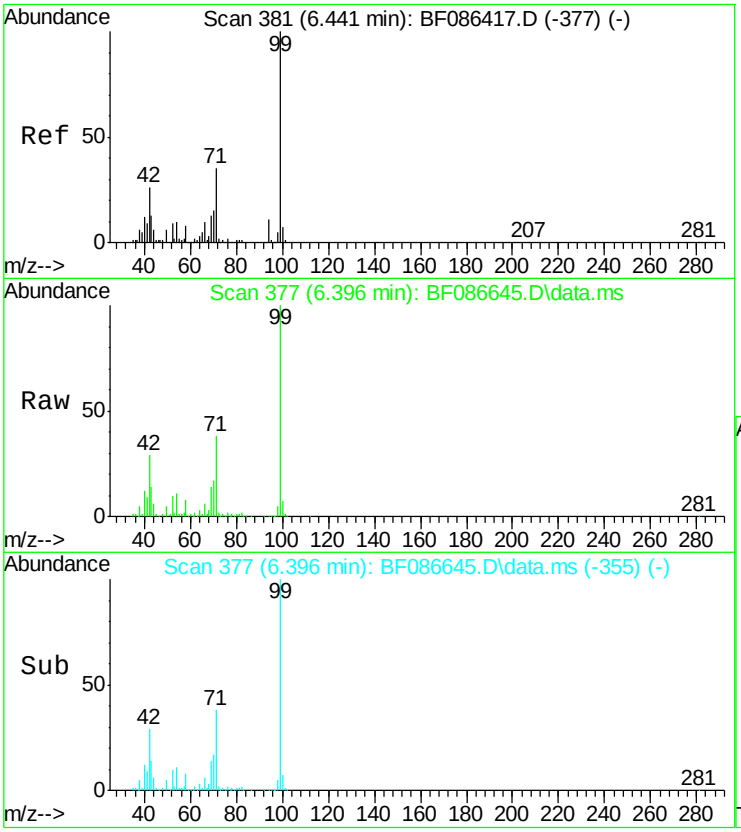


#5
2-Fluorophenol
Concen: 104.32 ng
RT: 5.344 min Scan# 285
Delta R.T. -0.045 min
Lab File: BF086645.D
Acq: 3 May 2016 15:22

Tgt Ion:112 Resp: 1156368

Ion	Ratio	Lower	Upper
112	100		
64	74.5	52.1	78.1
63	40.4	25.7	38.5#



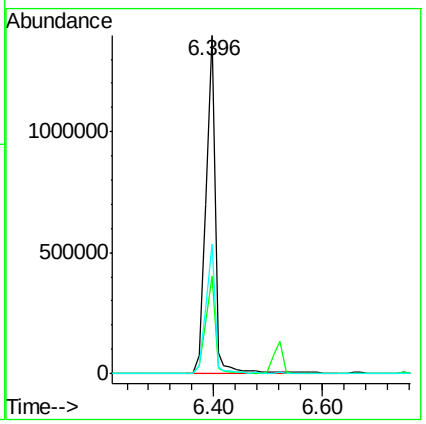


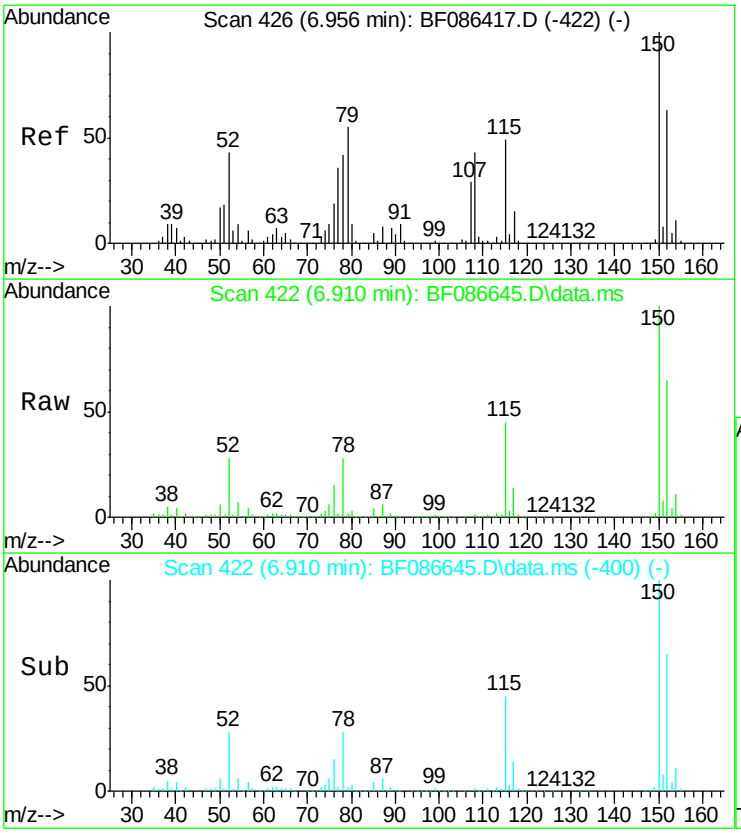
#7
Phenol-d6
Concen: 107.38 ng
RT: 6.396 min Scan# 37
Delta R.T. -0.045 min
Lab File: BF086645.D
Acq: 3 May 2016 15:22

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

Tgt Ion: 99 Resp: 1661245

Ion	Ratio	Lower	Upper
99	100		
42	28.8	13.6	20.4#
71	38.1	24.6	36.8#

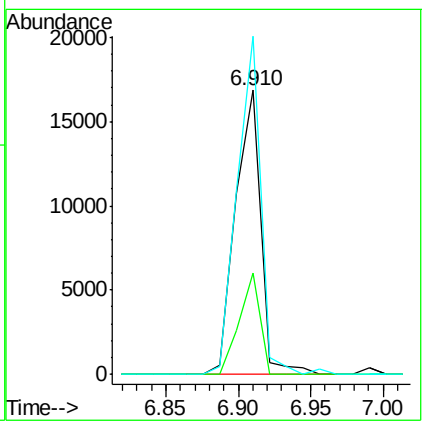


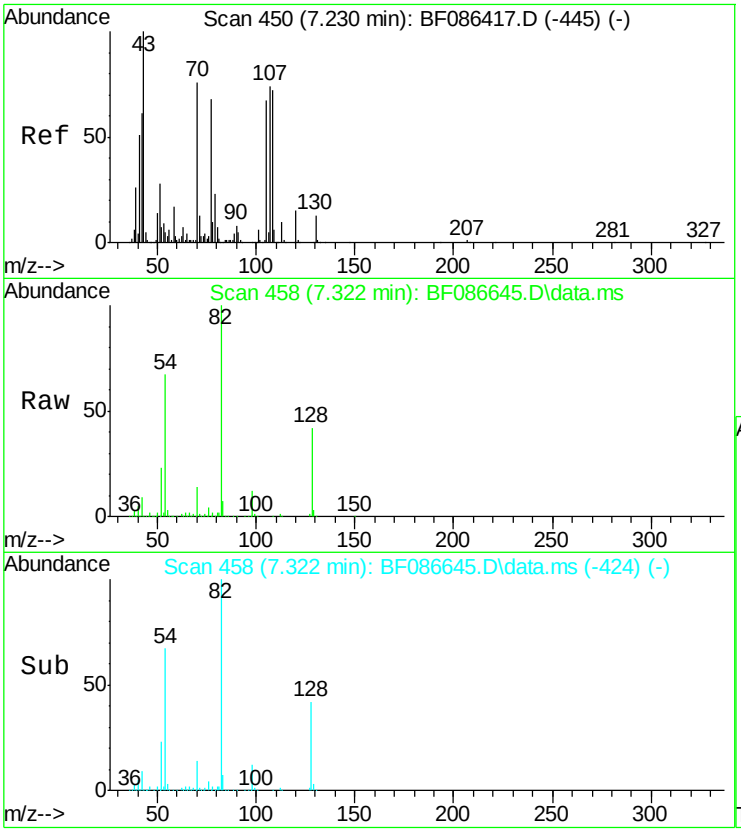


#15
Benzyl Alcohol
Concen: 2.08 ng
RT: 6.910 min Scan# 422
Delta R.T. -0.045 min
Lab File: BF086645.D
Acq: 3 May 2016 15:22

Tgt Ion: 79 Resp: 20371

Ion	Ratio	Lower	Upper
79	100		
108	35.9	68.4	102.6#
77	119.1	50.6	76.0#



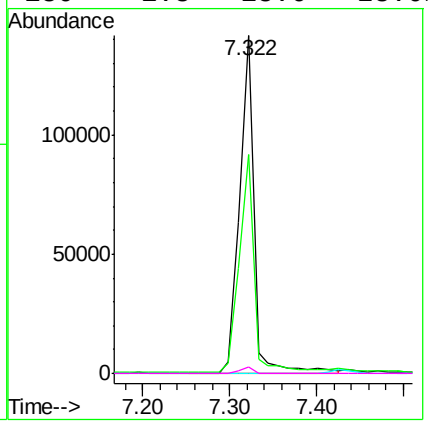


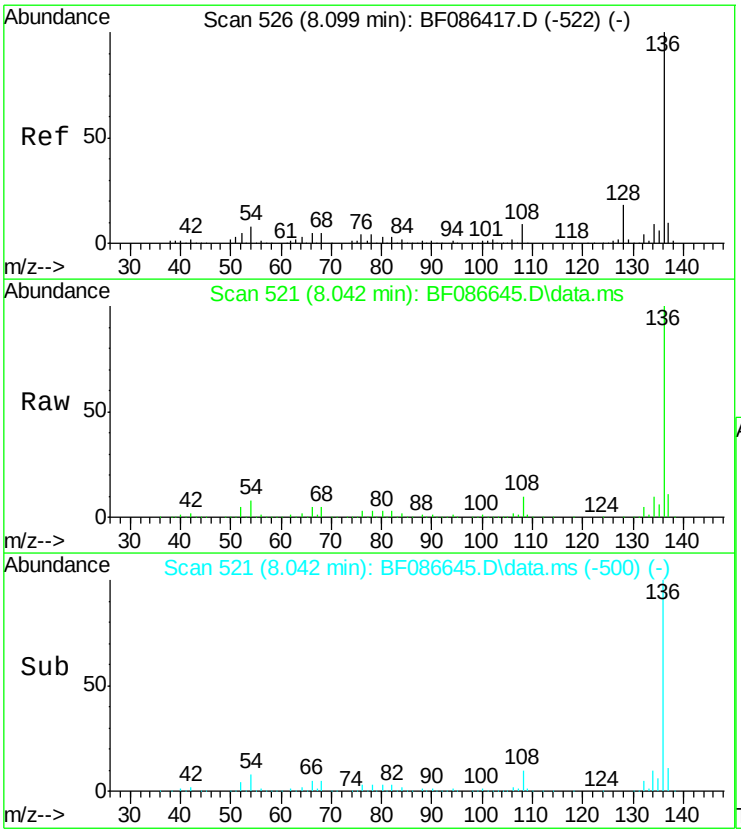
#19
n-Nitroso-di-n-propylamine
Concen: 15.92 ng
RT: 7.322 min Scan# 45
Delta R.T. 0.092 min
Lab File: BF086645.D
Acq: 3 May 2016 15:22

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

Tgt Ion: 70 Resp: 162840

Ion	Ratio	Lower	Upper
70	100		
42	64.7	43.1	64.7#
101	0.0	8.1	12.1#
130	1.8	18.6	28.0#

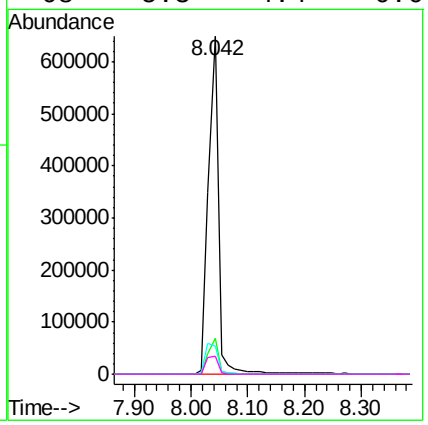


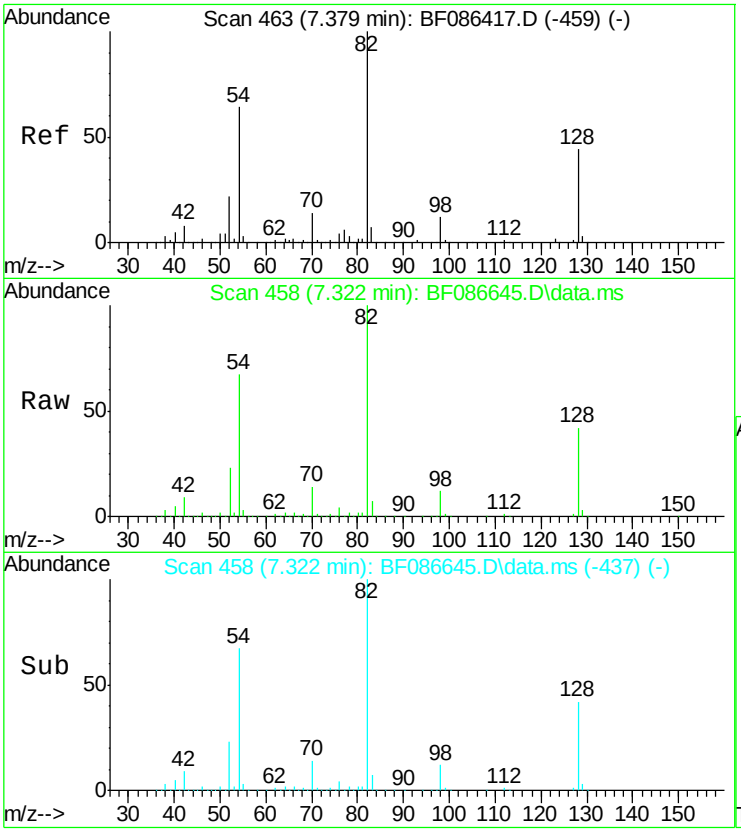


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.042 min Scan# 521
Delta R.T. -0.057 min
Lab File: BF086645.D
Acq: 3 May 2016 15:22

Tgt Ion:136 Resp: 769235

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.4	5.0	7.4#
68	5.3	4.4	6.6



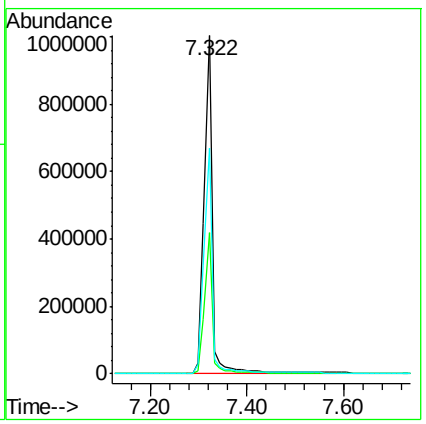


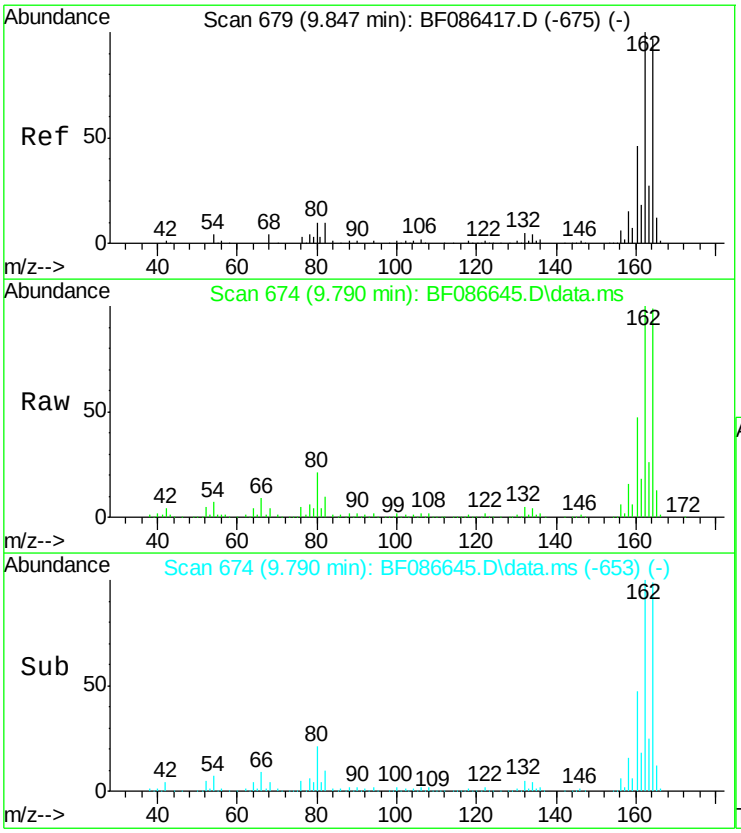
#23
Nitrobenzene-d5
Concen: 82.51 ng
RT: 7.322 min Scan# 45
Delta R.T. -0.057 min
Lab File: BF086645.D
Acq: 3 May 2016 15:22

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

Tgt Ion: 82 Resp: 1177458

Ion	Ratio	Lower	Upper
82	100		
128	41.8	40.6	61.0
54	66.7	38.1	57.1#

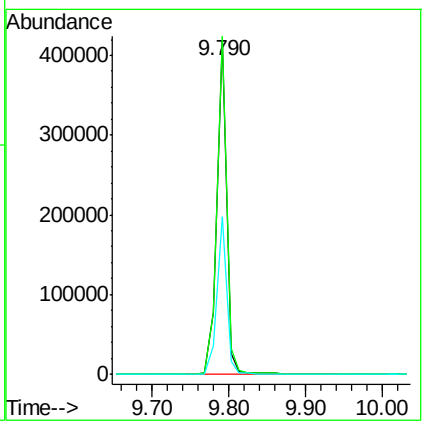


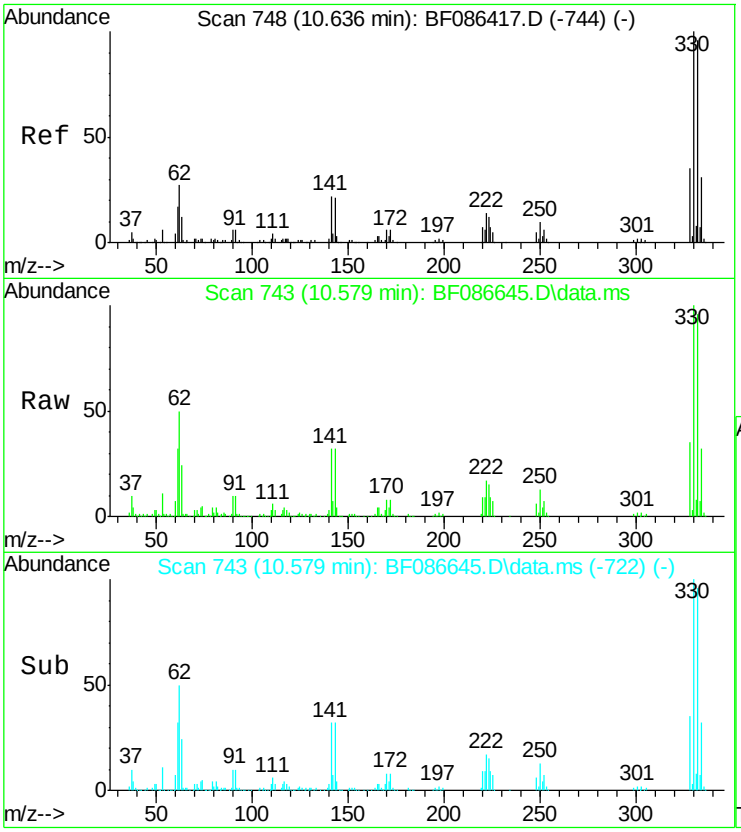


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.790 min Scan# 674
Delta R.T. -0.057 min
Lab File: BF086645.D
Acq: 3 May 2016 15:22

Tgt Ion:164 Resp: 369058

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.8	124.2
160	47.1	36.9	55.3



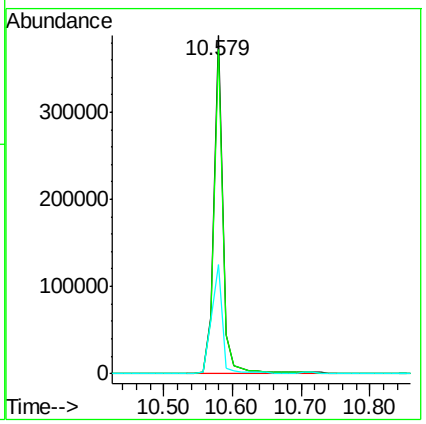


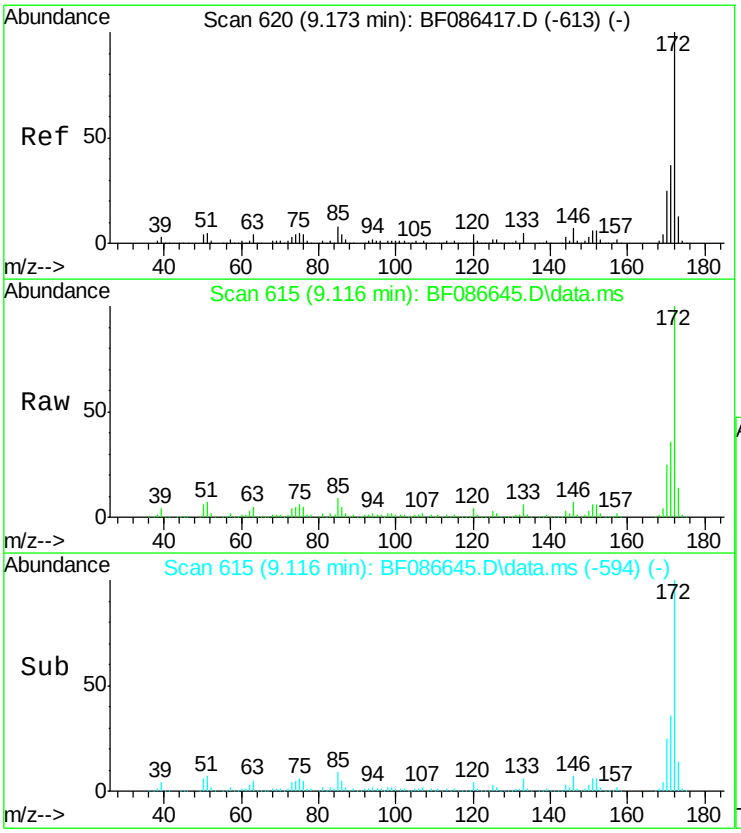
#41
2,4,6-Tribromophenol
Concen: 93.64 ng
RT: 10.579 min Scan# 74
Delta R.T. -0.057 min
Lab File: BF086645.D
Acq: 3 May 2016 15:22

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

Tgt Ion:330 Resp: 364429

Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.0	118.4
141	38.9	31.2	46.8

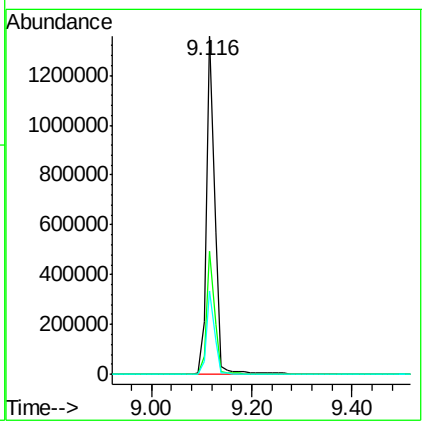


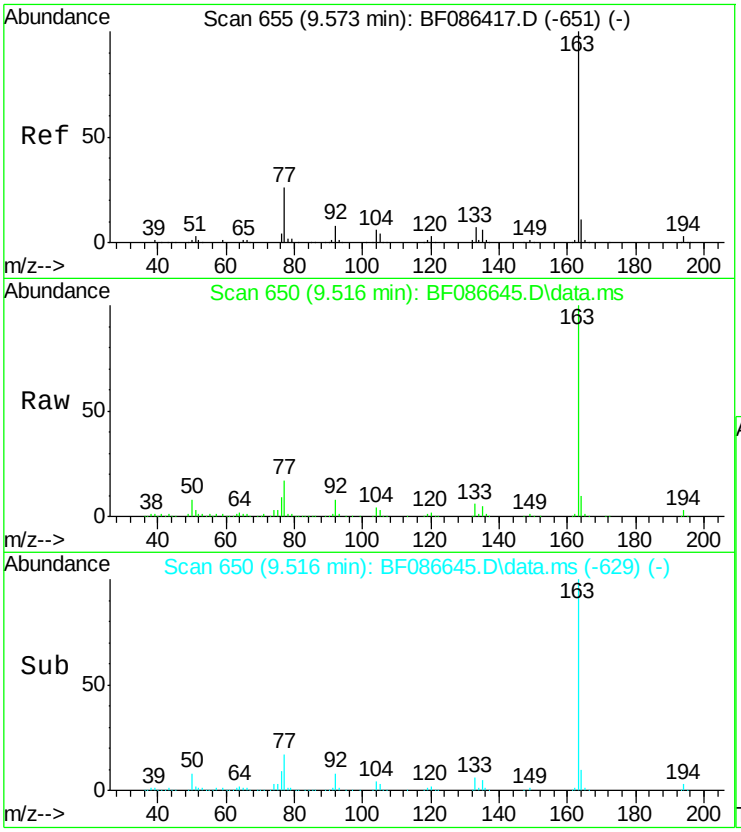


#44
2-Fluorobiphenyl
Concen: 71.90 ng
RT: 9.116 min Scan# 615
Delta R.T. -0.057 min
Lab File: BF086645.D
Acq: 3 May 2016 15:22

Tgt Ion:172 Resp: 1570355

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.6	19.8	29.8



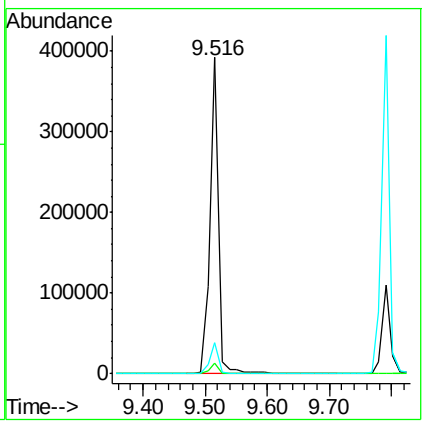


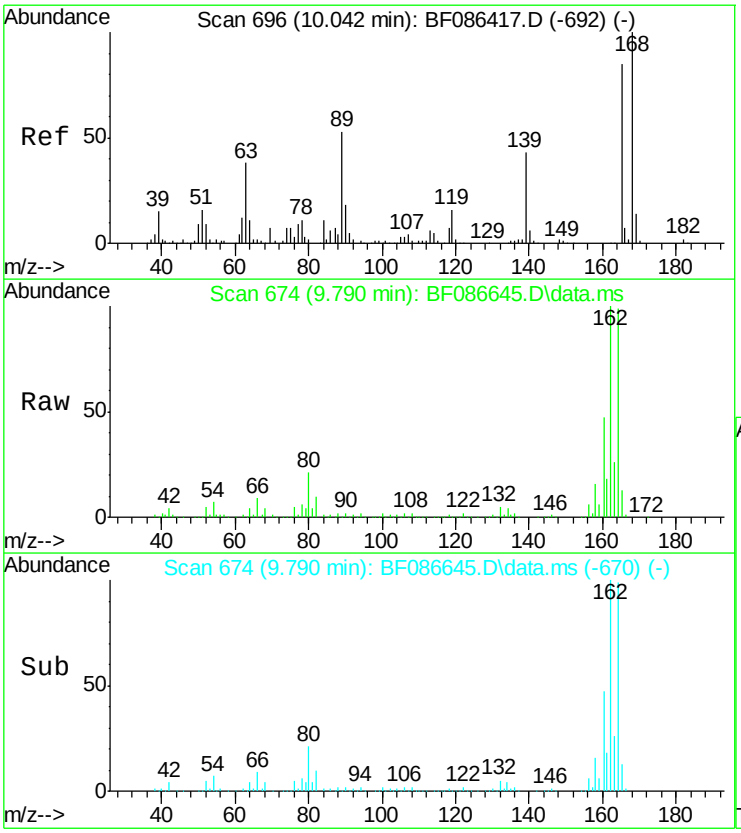
#49
Dimethylphthalate
Concen: 13.30 ng
RT: 9.516 min Scan# 65
Delta R.T. -0.057 min
Lab File: BF086645.D
Acq: 3 May 2016 15:22

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

Tgt Ion:163 Resp: 369434

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.7	8.2	12.4

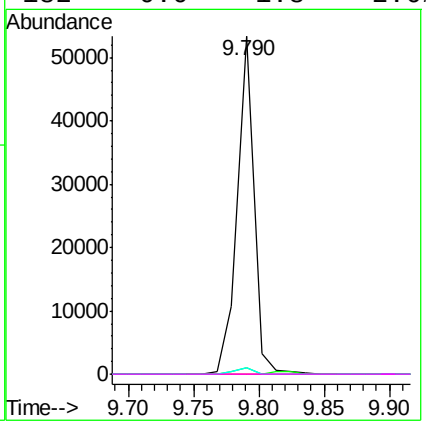


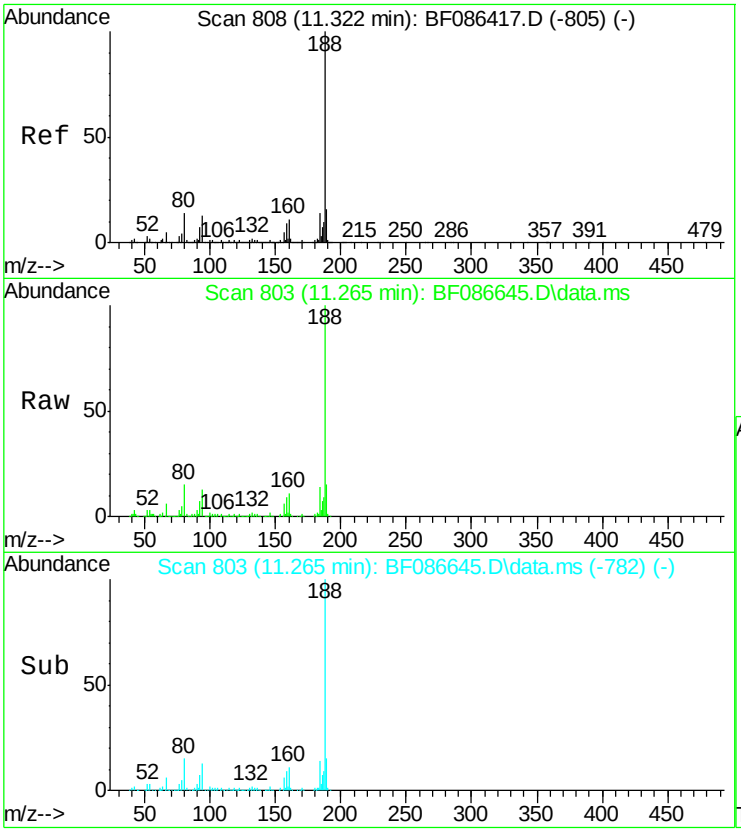


#56
2,4-Dinitrotoluene
Concen: 6.47 ng
RT: 9.790 min Scan# 674
Delta R.T. -0.251 min
Lab File: BF086645.D
Acq: 3 May 2016 15:22

Tgt Ion:165 Resp: 47350

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.3	66.5#
89	2.1	70.0	105.0#
182	0.0	1.8	2.6#



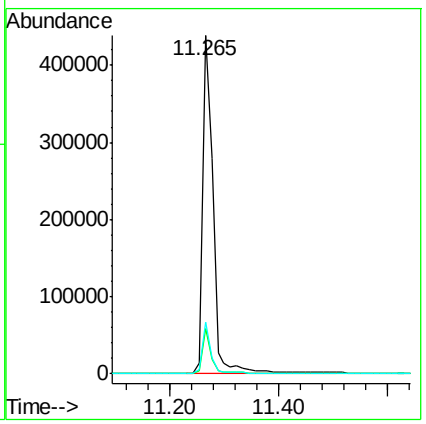


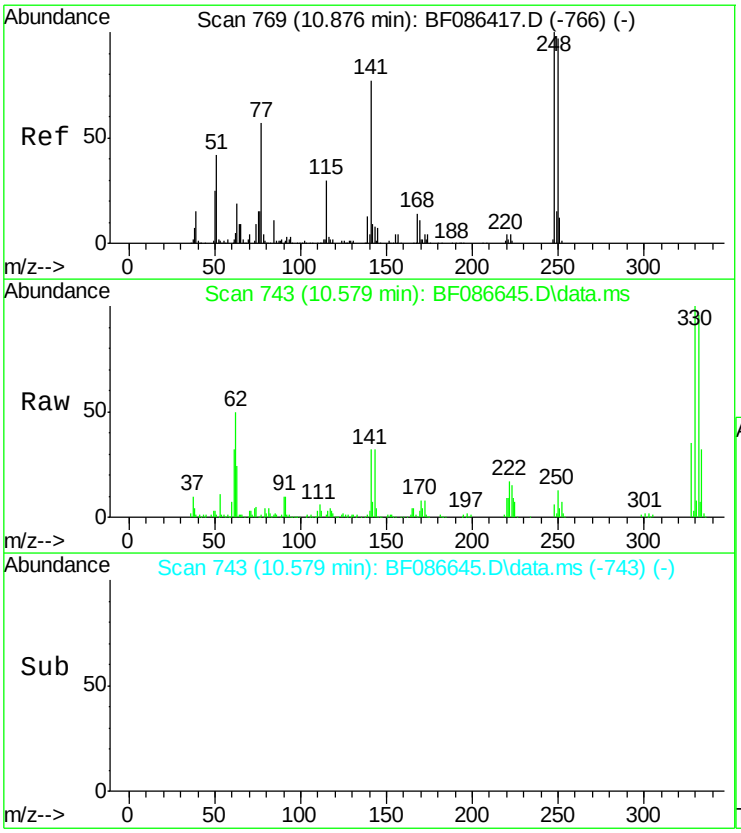
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.265 min Scan# 80
Delta R.T. -0.057 min
Lab File: BF086645.D
Acq: 3 May 2016 15:22

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

Tgt Ion:188 Resp: 568176

Ion	Ratio	Lower	Upper
188	100		
94	13.3	6.8	10.2#
80	15.3	7.1	10.7#

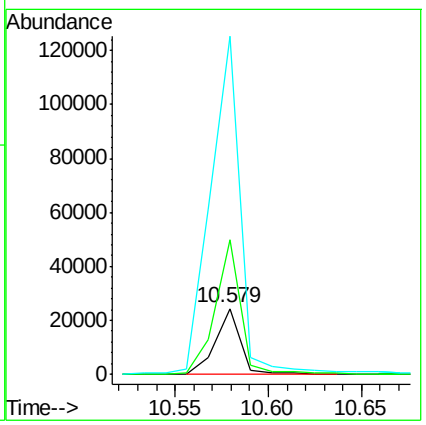


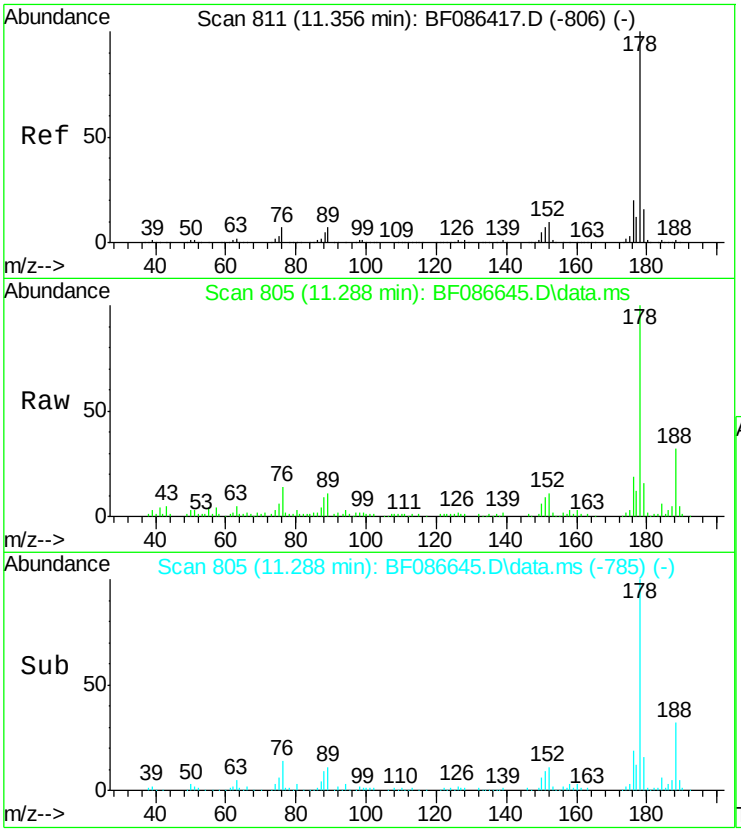


#66
4-Bromophenyl-phenylether
Concen: 3.90 ng
RT: 10.579 min Scan# 743
Delta R.T. -0.297 min
Lab File: BF086645.D
Acq: 3 May 2016 15:22

Tgt Ion:248 Resp: 22851

Ion	Ratio	Lower	Upper
248	100		
250	204.1	78.6	117.8#
141	512.0	76.0	114.0#



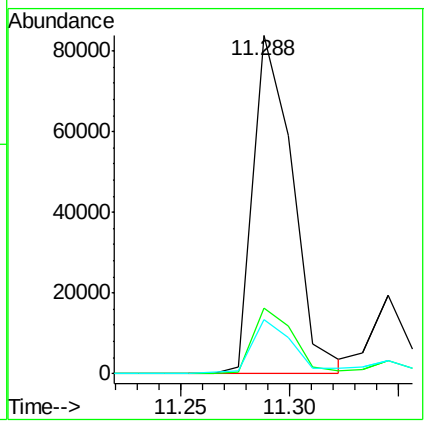


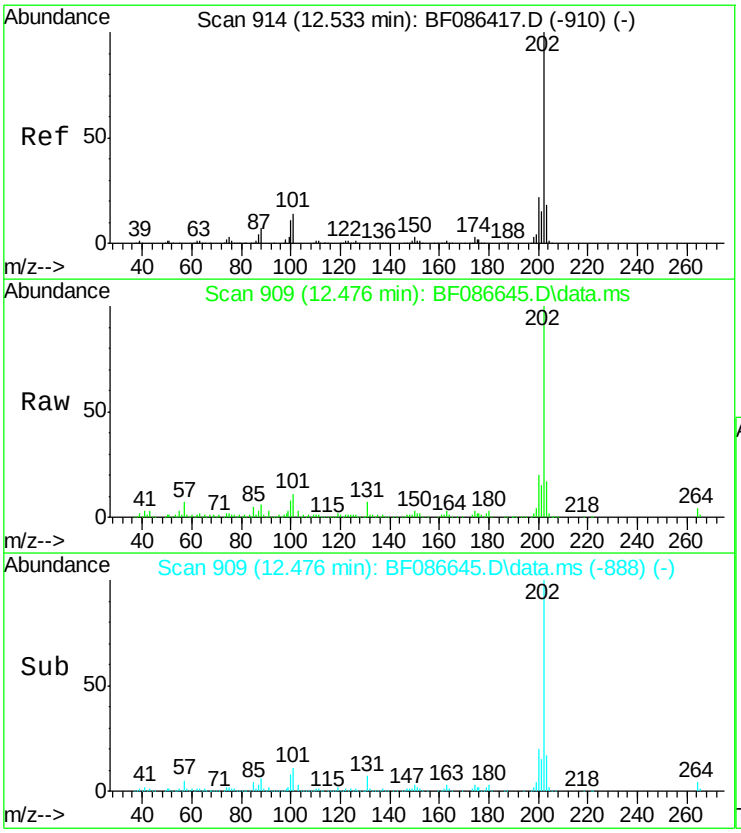
#70
Phenanthrene
Concen: 3.57 ng
RT: 11.288 min Scan# 80
Delta R.T. -0.068 min
Lab File: BF086645.D
Acq: 3 May 2016 15:22

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

Tgt Ion:178 Resp: 106420

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	16.1	12.6	18.8

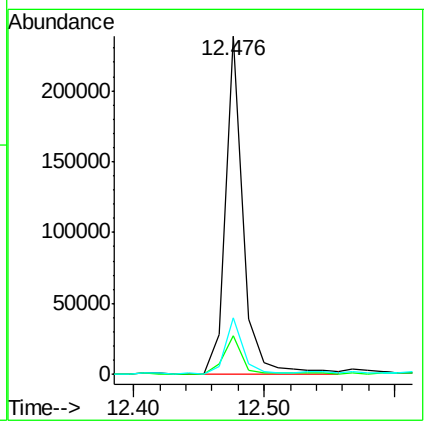


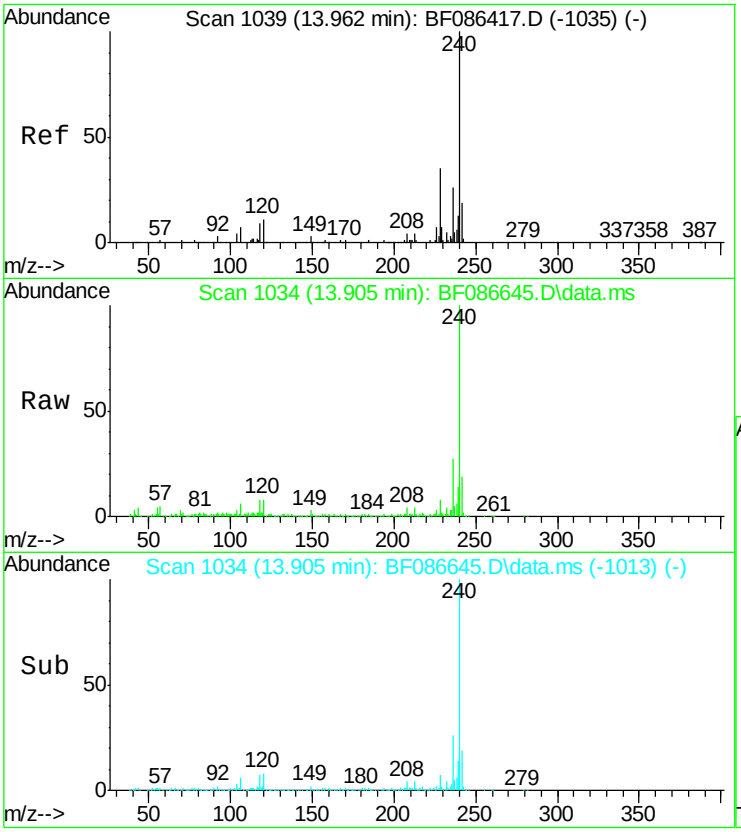


#74
Fluoranthene
Concen: 7.42 ng
RT: 12.476 min Scan# 909
Delta R.T. -0.057 min
Lab File: BF086645.D
Acq: 3 May 2016 15:22

Tgt Ion:202 Resp: 223447

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	35.4
203	16.8	0.0	38.1



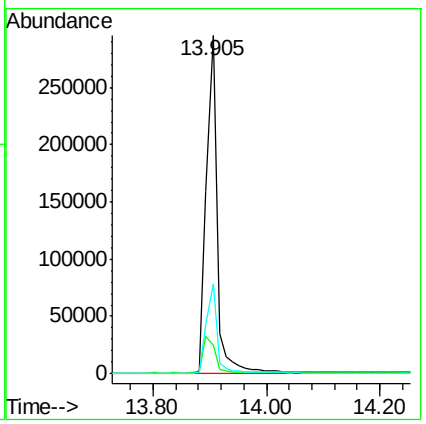


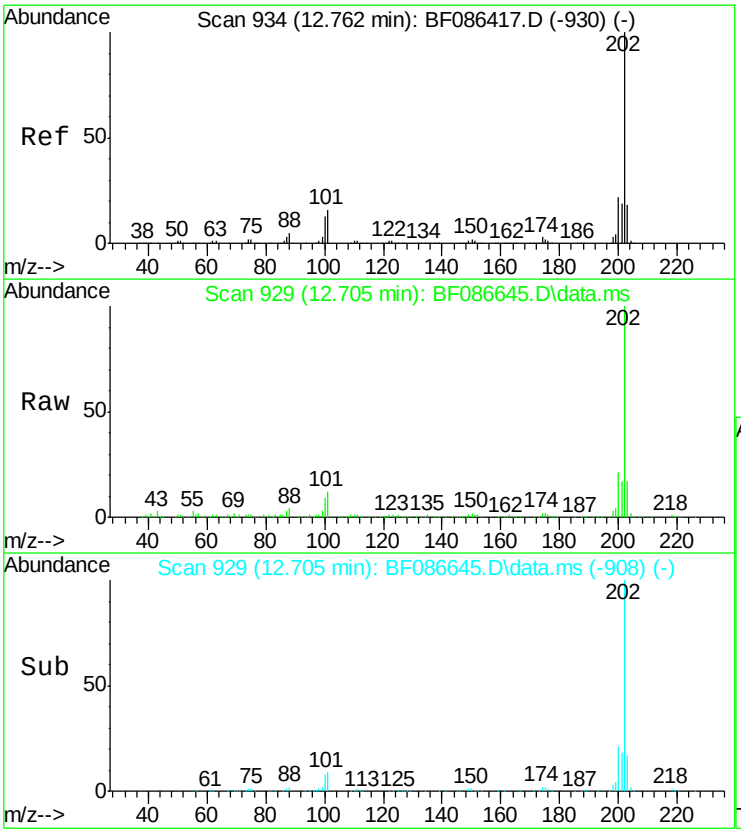
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.905 min Scan# 10
Delta R.T. -0.057 min
Lab File: BF086645.D
Acq: 3 May 2016 15:22

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

Tgt Ion:240 Resp: 380103

Ion	Ratio	Lower	Upper
240	100		
120	8.4	11.2	16.8#
236	26.6	21.2	31.8

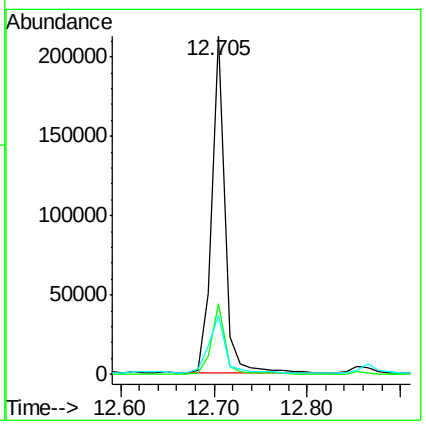


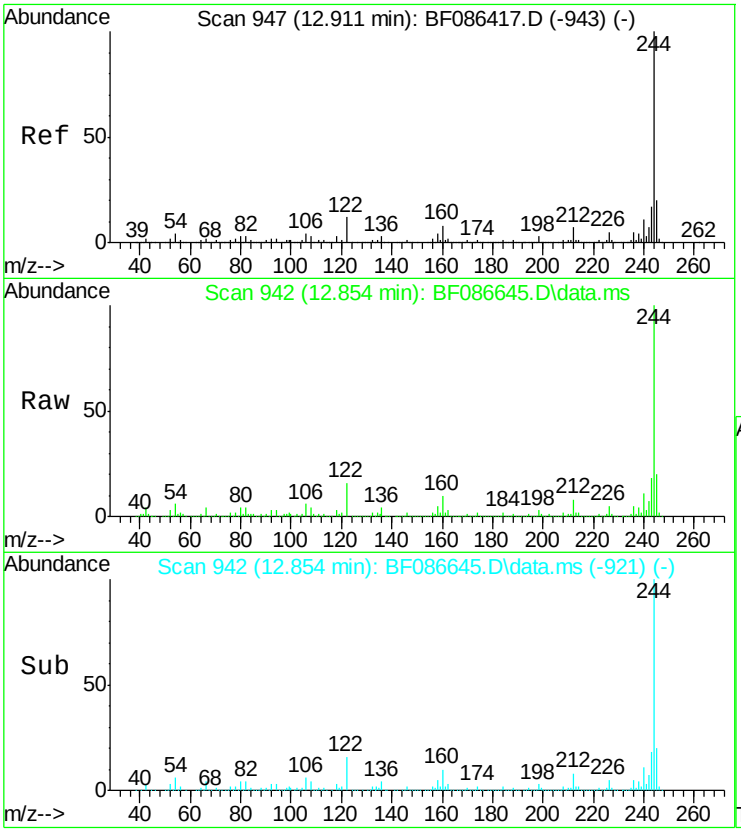


#77
Pyrene
Concen: 7.62 ng
RT: 12.705 min Scan# 929
Delta R.T. -0.057 min
Lab File: BF086645.D
Acq: 3 May 2016 15:22

Tgt Ion:202 Resp: 208568

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.7	26.5
203	17.5	14.2	21.4



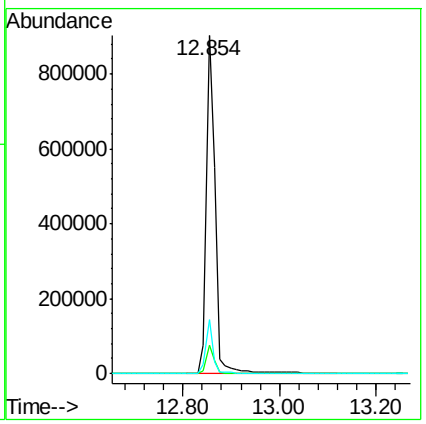


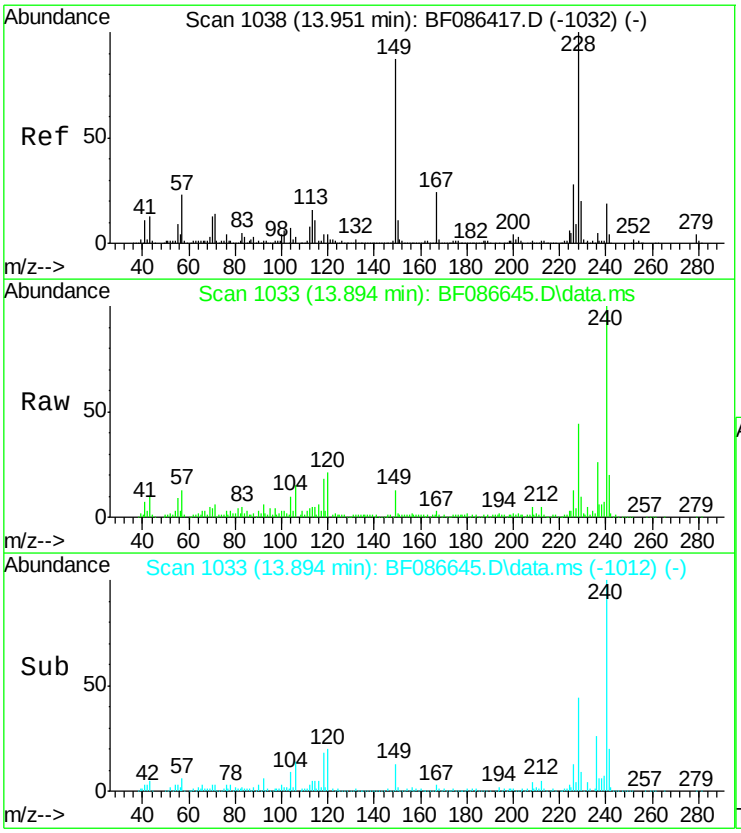
#78
Terphenyl-d14
Concen: 66.17 ng
RT: 12.854 min Scan# 94
Delta R.T. -0.057 min
Lab File: BF086645.D
Acq: 3 May 2016 15:22

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

Tgt Ion:244 Resp: 1141624

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.2
122	16.0	12.0	18.0

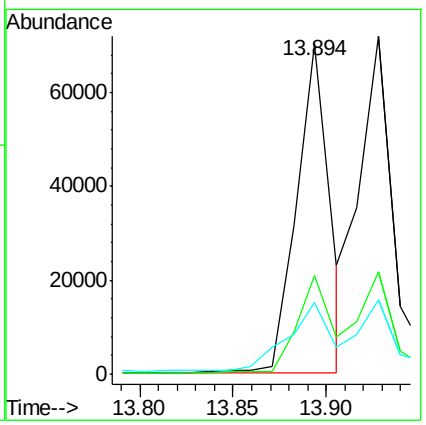


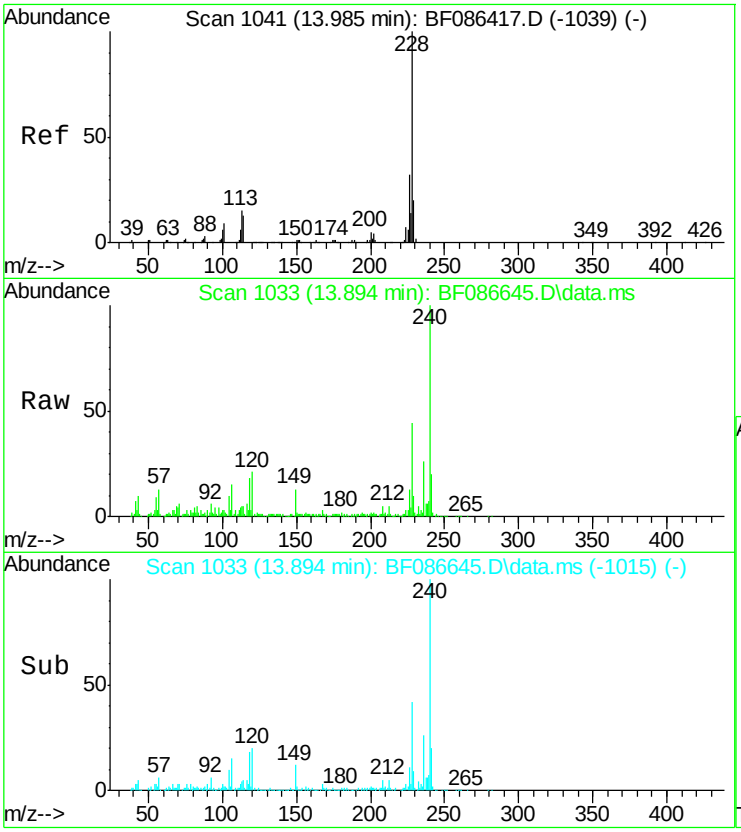


#80
Benzo(a)anthracene
Concen: 4.27 ng
RT: 13.894 min Scan# 1033
Delta R.T. -0.057 min
Lab File: BF086645.D
Acq: 3 May 2016 15:22

Tgt Ion:228 Resp: 86624

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.5	33.7
229	21.7	16.6	25.0



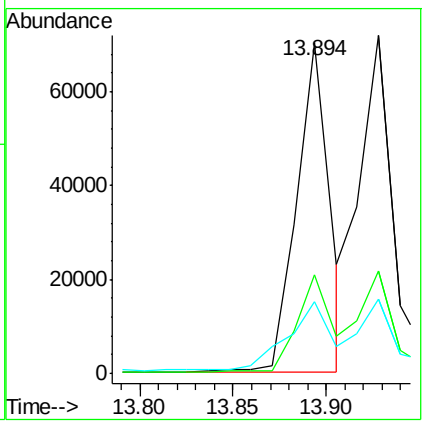


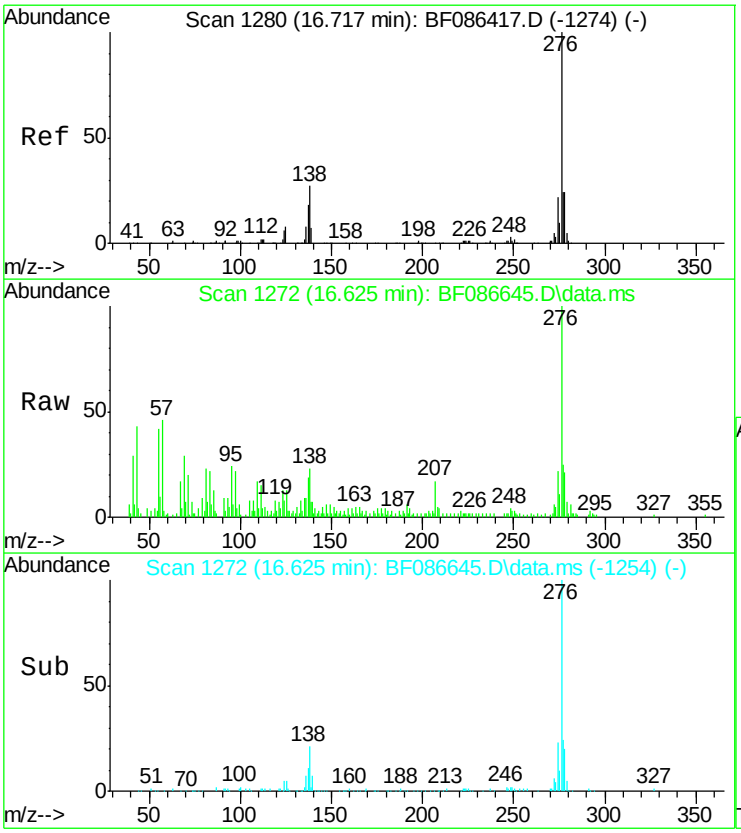
#82
Chrysene
Concen: 3.93 ng
RT: 13.894 min Scan# 10
Delta R.T. -0.091 min
Lab File: BF086645.D
Acq: 3 May 2016 15:22

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

Tgt Ion:228 Resp: 86624

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.4	36.6
229	21.7	15.8	23.8

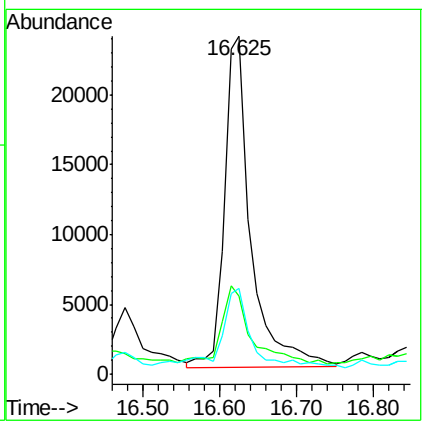


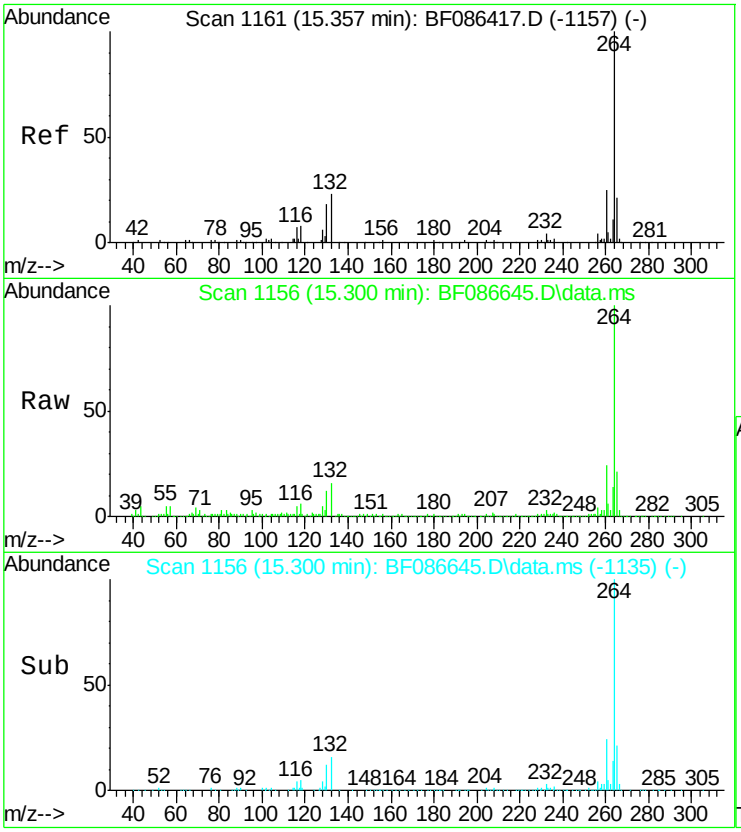


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.53 ng
RT: 16.625 min Scan# 1272
Delta R.T. -0.091 min
Lab File: BF086645.D
Acq: 3 May 2016 15:22

Tgt Ion:276 Resp: 57647

Ion	Ratio	Lower	Upper
276	100		
138	27.0	25.6	38.4
277	27.9	20.5	30.7



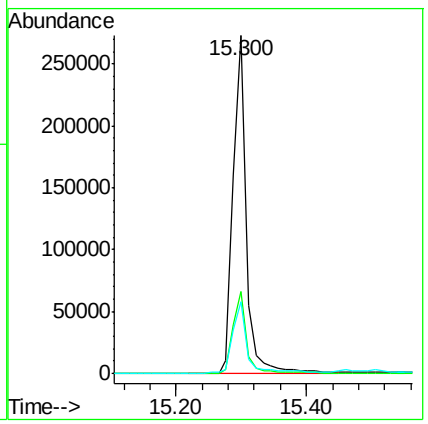


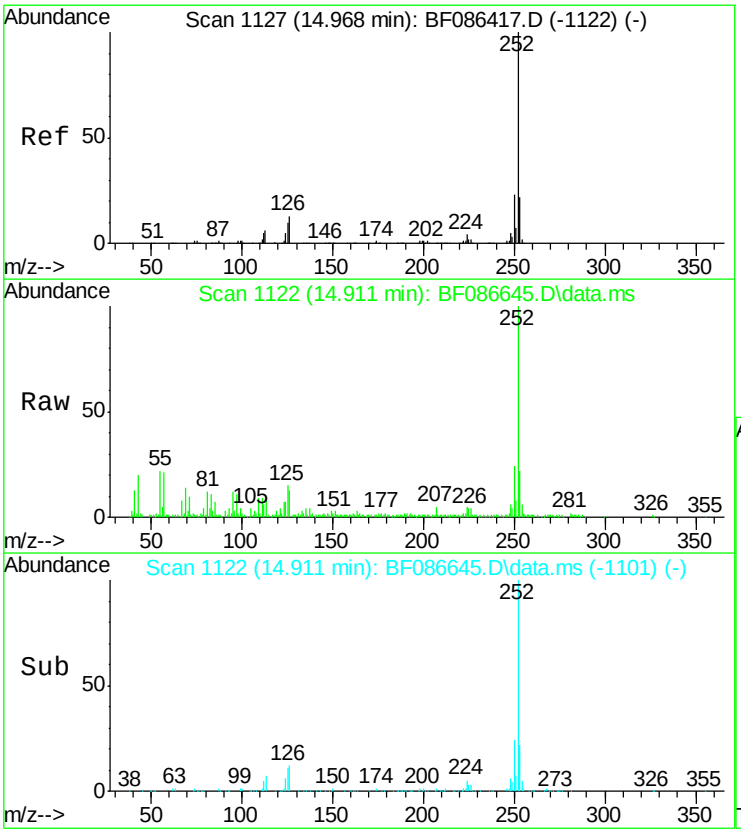
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.300 min Scan# 11
Delta R.T. -0.057 min
Lab File: BF086645.D
Acq: 3 May 2016 15:22

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

Tgt Ion:264 Resp: 377826

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.4	17.3	25.9

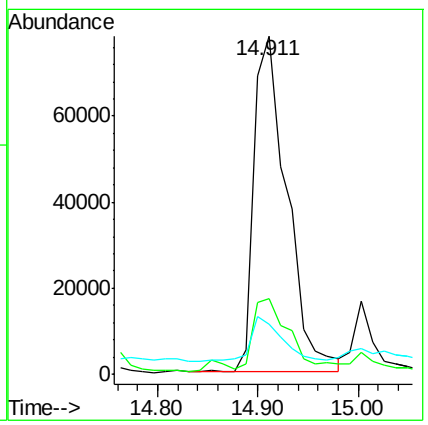


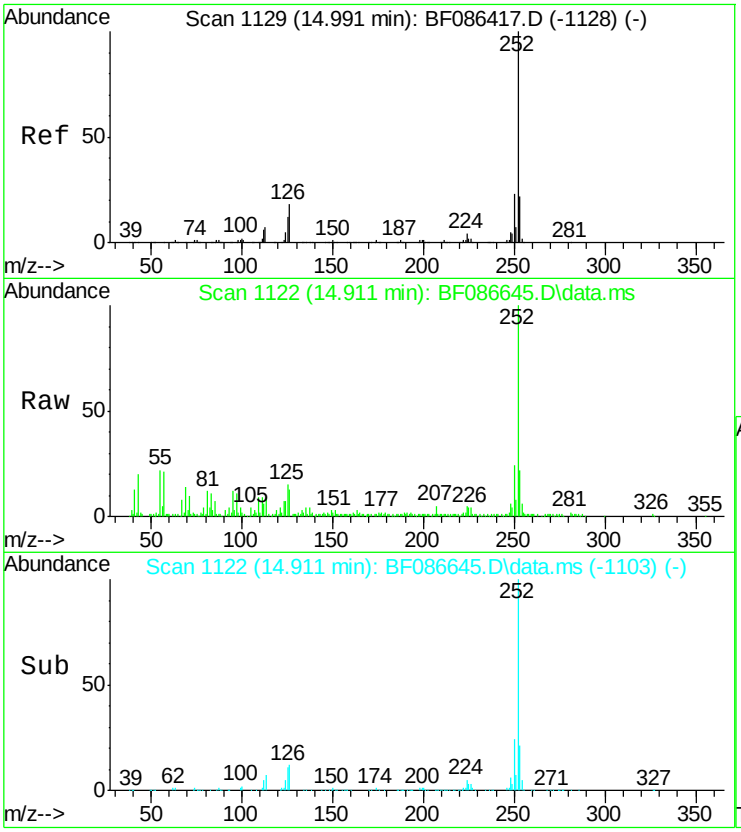


#87
Benzo(b)fluoranthene
Concen: 7.99 ng
RT: 14.911 min Scan# 1122
Delta R.T. -0.057 min
Lab File: BF086645.D
Acq: 3 May 2016 15:22

Tgt Ion:252 Resp: 177619

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	15.0	11.4	17.0



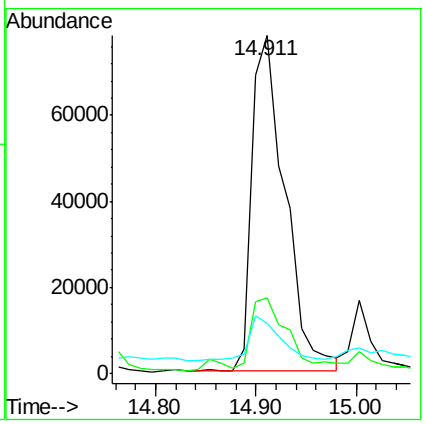


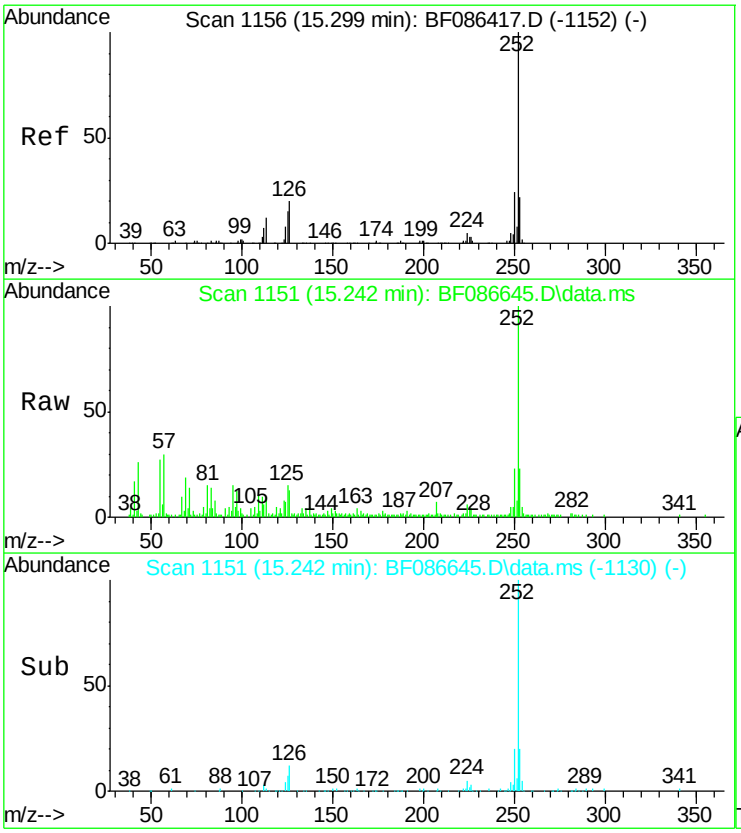
#88
Benzo(k)fluoranthene
Concen: 7.66 ng
RT: 14.911 min Scan# 11
Delta R.T. -0.080 min
Lab File: BF086645.D
Acq: 3 May 2016 15:22

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

Tgt Ion:252 Resp: 177619

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	15.0	9.1	13.7#

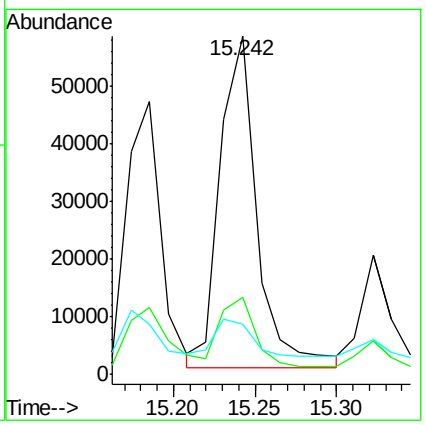


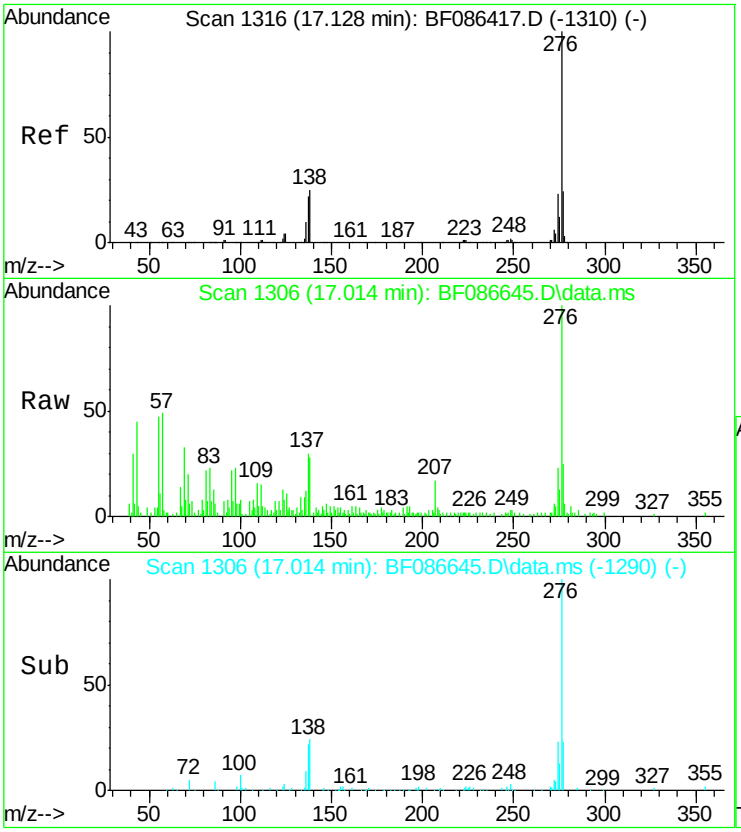


#89
Benzo(a)pyrene
Concen: 4.29 ng
RT: 15.242 min Scan# 1151
Delta R.T. -0.057 min
Lab File: BF086645.D
Acq: 3 May 2016 15:22

Tgt Ion:252 Resp: 90099

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	14.8	9.0	13.6#





#91
Benzo(g,h,i)perylene
Concen: 3.17 ng
RT: 17.014 min Scan# 13
Delta R.T. -0.114 min
Lab File: BF086645.D
Acq: 3 May 2016 15:22

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-2(0-6FTBGS)

Tgt Ion:276 Resp: 54503

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.6	29.4
138	28.0	23.6	35.4