Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087747.D
Acq On : 6 Jun 2016 12:44
Operator : UM/SJ
Sample : H3190-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHS-STA-1672(0-4)

Quant Time: Jun 06 16:02:22 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	162255	20.00	ng		-0.02
21) Naphthalene-d8	8.14	136	698204	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	297159	20.00	ng		-0.02
63) Phenanthrene-d10	11.37	188	566115	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	348339	20.00	ng		-0.02
86) Perylene-d12	15.43	264	340869	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	460876	45.91	ng		-0.01
7) Phenol-d6	6.48	99	729219	57.92	ng		-0.01
23) Nitrobenzene-d5	7.42	82	487725	40.42	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	332656	111.52	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	998081	44.75	ng		-0.02
78) Terphenyl-d14	12.96	244	1117560	78.29	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	62868	8.00	ng	#	70
49) Dimethylphthalate	9.61	163	525972	24.35	ng		100
56) 2,4-Dinitrotoluene	9.88	165	39047	6.24	ng	#	38
64) 4,6-Dinitro-2-methylphenol	10.67	198	331	2.12	ng	#	1
66) 4-Bromophenyl-phenylether	10.67	248	18421	3.28	ng	#	1
70) Phenanthrene	11.39	178	156436	5.10	ng		97
71) Anthracene	11.44	178	68745	2.24	ng		98
74) Fluoranthene	12.58	202	477981	15.82	ng		92
77) Pyrene	12.80	202	451725	18.21	ng		98
80) Benzo(a)anthracene	13.99	228	220700	10.98	ng	#	92
82) Chrysene	13.99	228	220700	11.03	ng		97
85) Indeno(1,2,3-cd)pyrene	16.81	276	150572	9.10	ng	#	100
87) Benzo(b)fluoranthene	15.02	252	481363	21.71	ng	#	96
88) Benzo(k)fluoranthene	15.02	252	481363	26.09	ng		99
89) Benzo(a)pyrene	15.36	252	188966	10.14	ng		98
90) Dibenzo(a,h)anthracene	16.82	278	39770	2.51	ng		95
91) Benzo(g,h,i)perylene	17.22	276	132424	8.27	ng		98

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

Quantitation Report (Not Reviewed)

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CHS-STA-1672(0-4)

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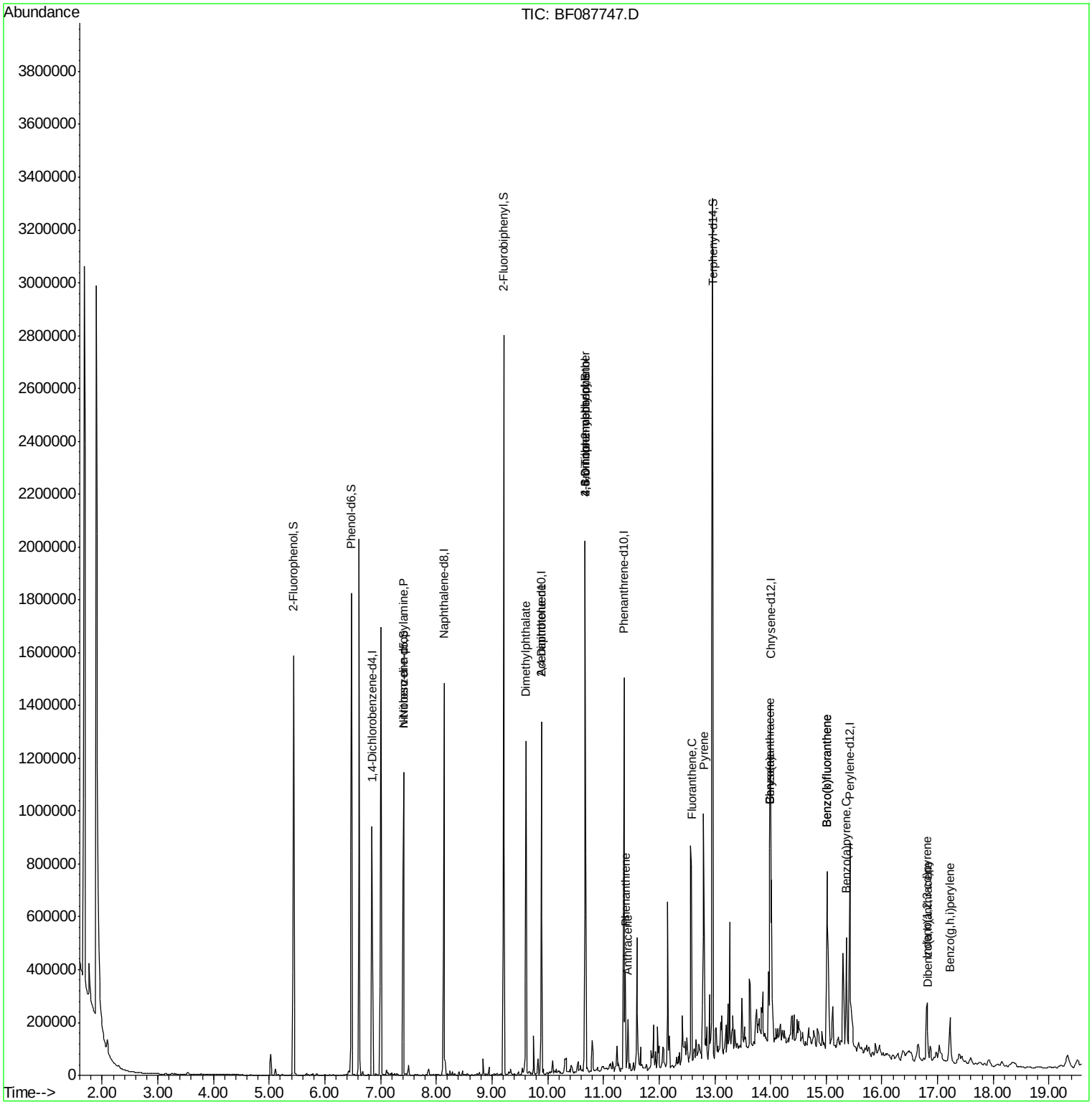
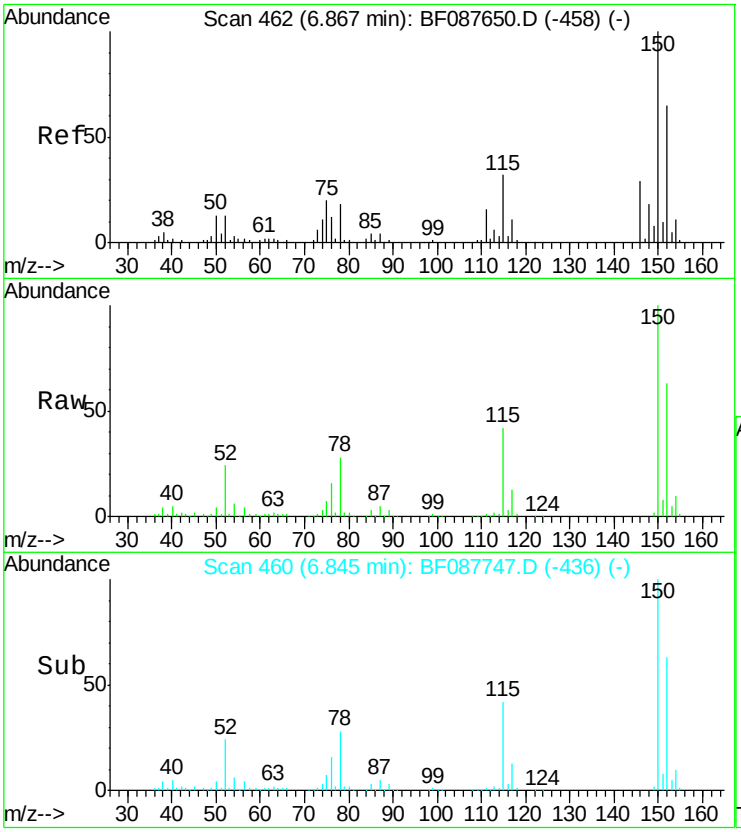


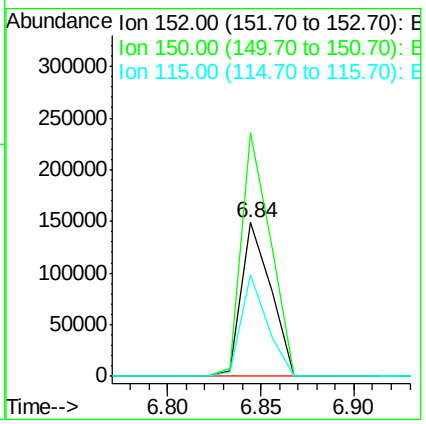


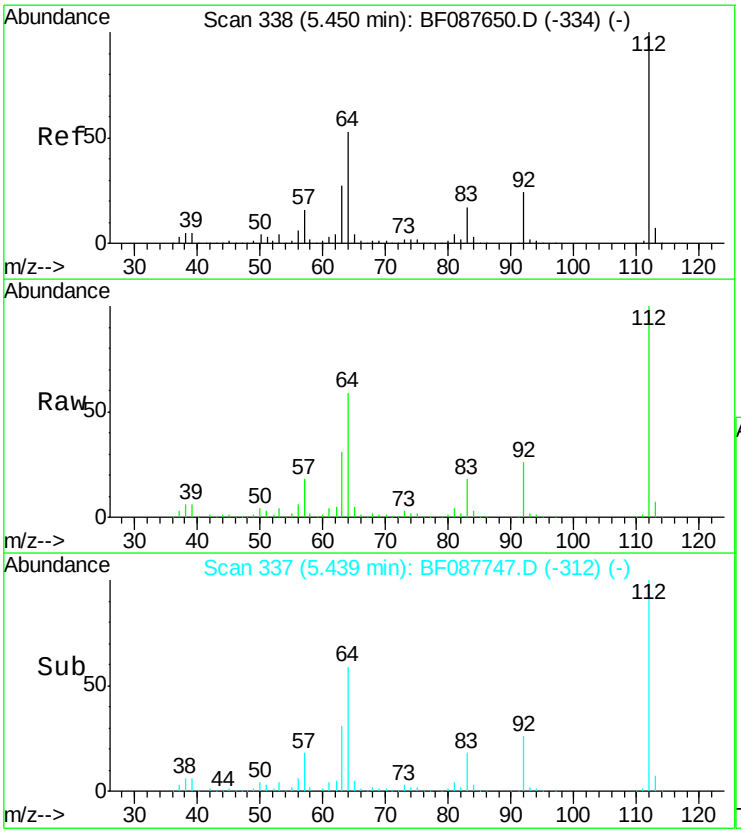
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)

Tgt Ion:152 Resp: 162255

Ion	Ratio	Lower	Upper
152	100		
150	158.2	123.8	185.6
115	66.4	39.6	59.4#

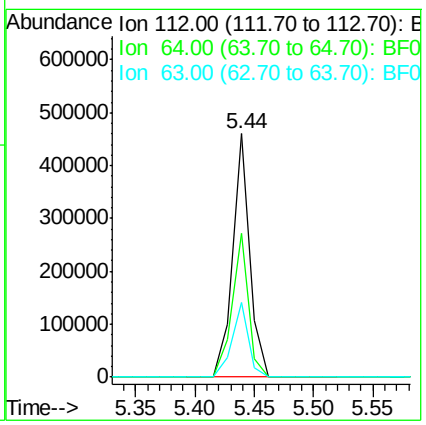


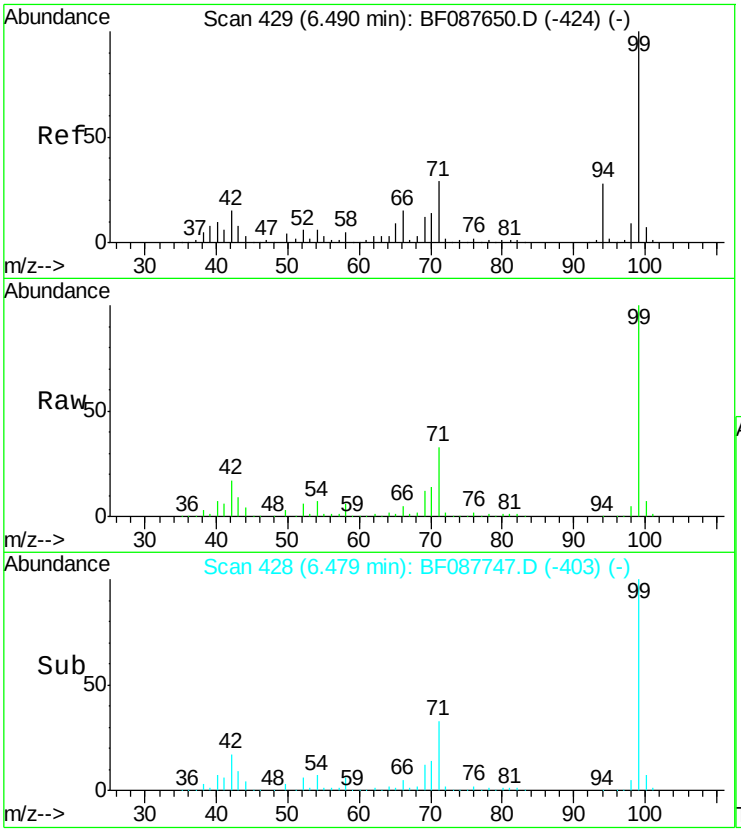


#5
2-Fluorophenol
Concen: 45.91 ng
RT: 5.44 min Scan# 337
Delta R.T. -0.01 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Tgt Ion:112 Resp: 460876

Ion	Ratio	Lower	Upper
112	100		
64	59.2	42.2	63.2
63	30.6	21.8	32.8



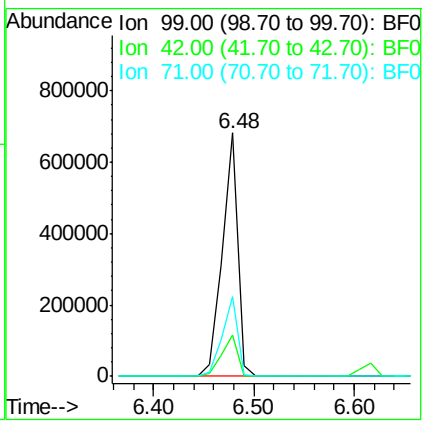


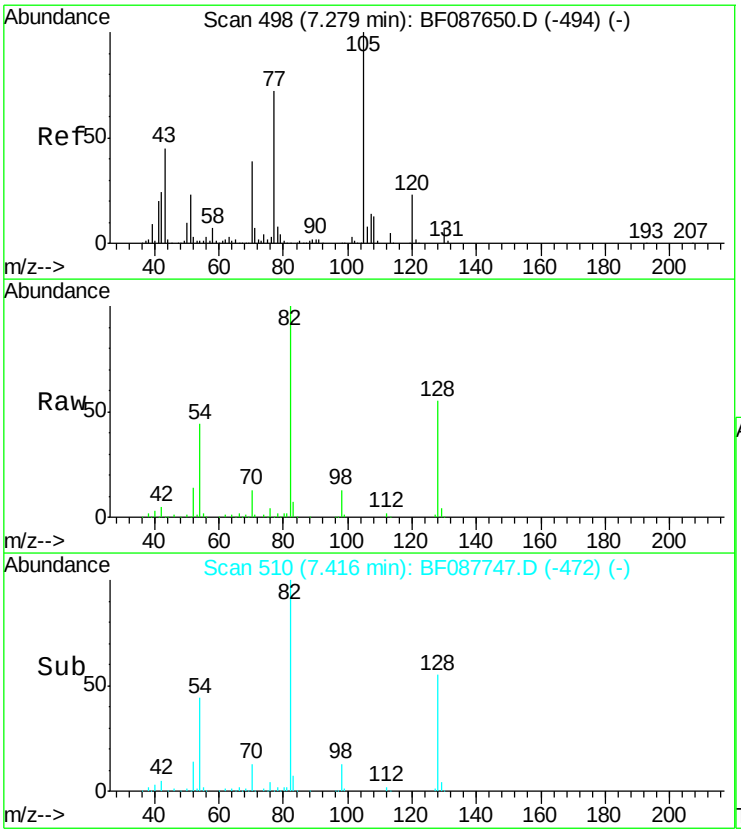
#7
Phenol-d6
Concen: 57.92 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)

Tgt Ion: 99 Resp: 729219

Ion	Ratio	Lower	Upper
99	100		
42	16.9	12.2	18.2
71	32.9	23.4	35.0

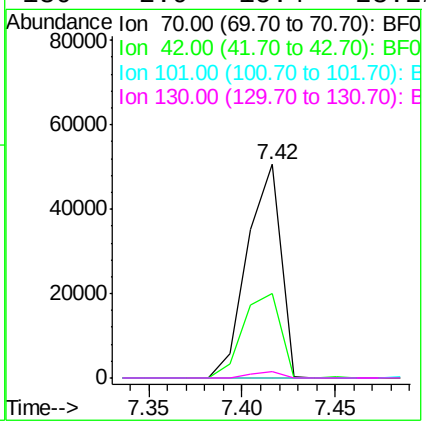


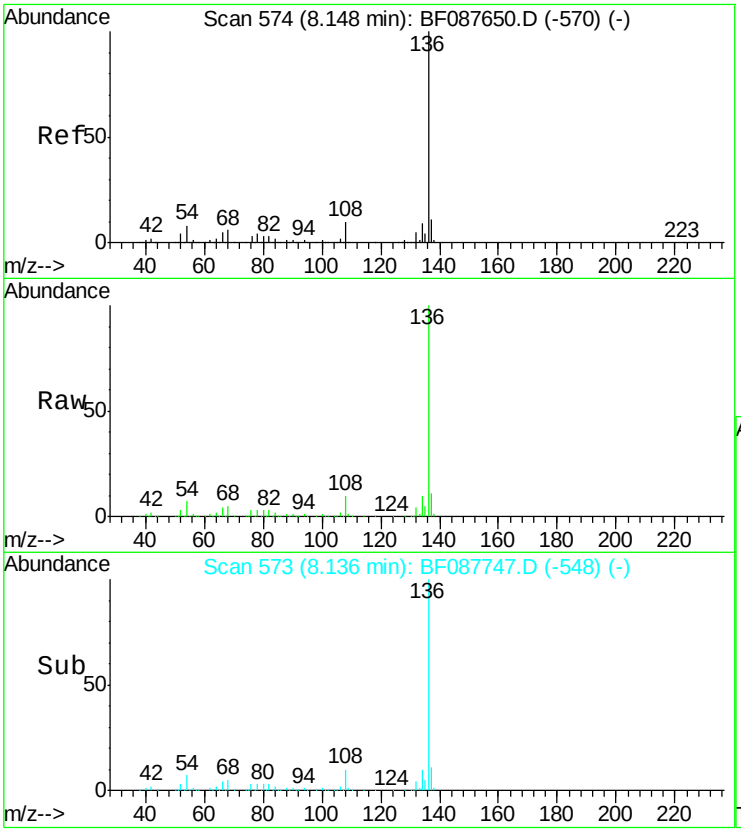


#19
n-Nitroso-di-n-propylamine
Concen: 8.00 ng
RT: 7.42 min Scan# 510
Delta R.T. 0.14 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Tgt Ion: 70 Resp: 62868

Ion	Ratio	Lower	Upper
70	100		
42	39.3	49.6	74.4#
101	0.0	7.1	10.7#
130	2.9	15.4	23.2#



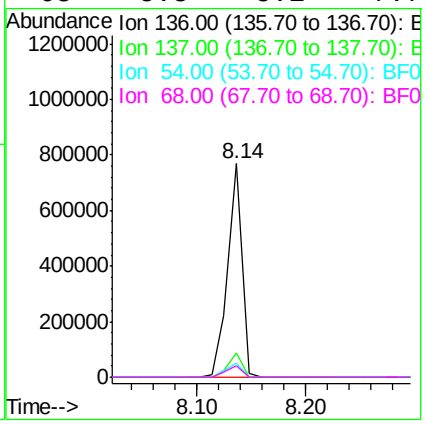


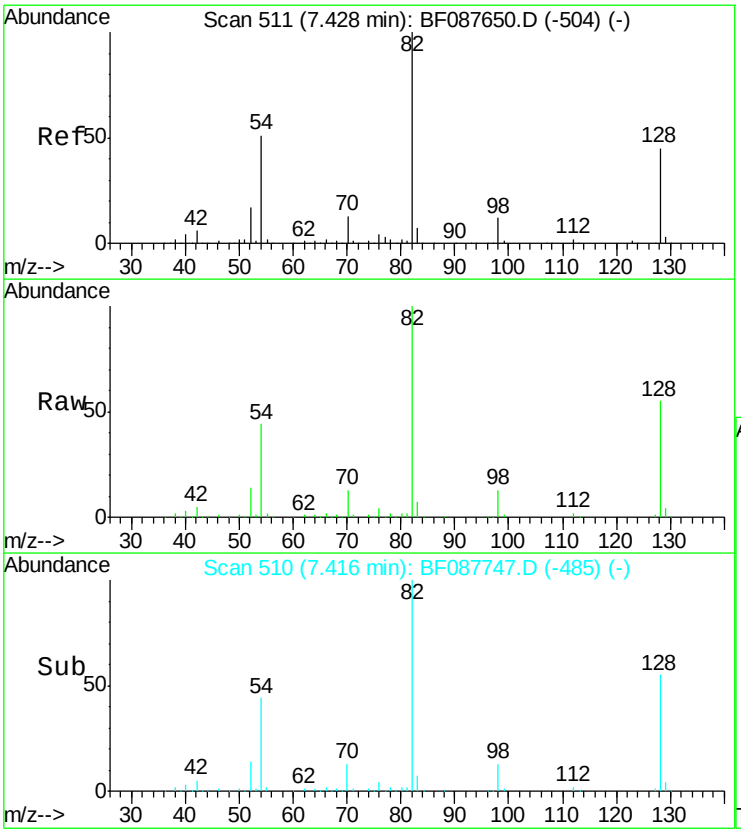
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)

Tgt Ion:136 Resp: 698204

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.6	6.6	10.0#
68	5.3	5.1	7.7

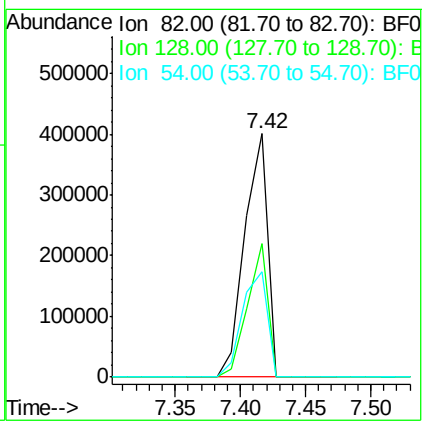


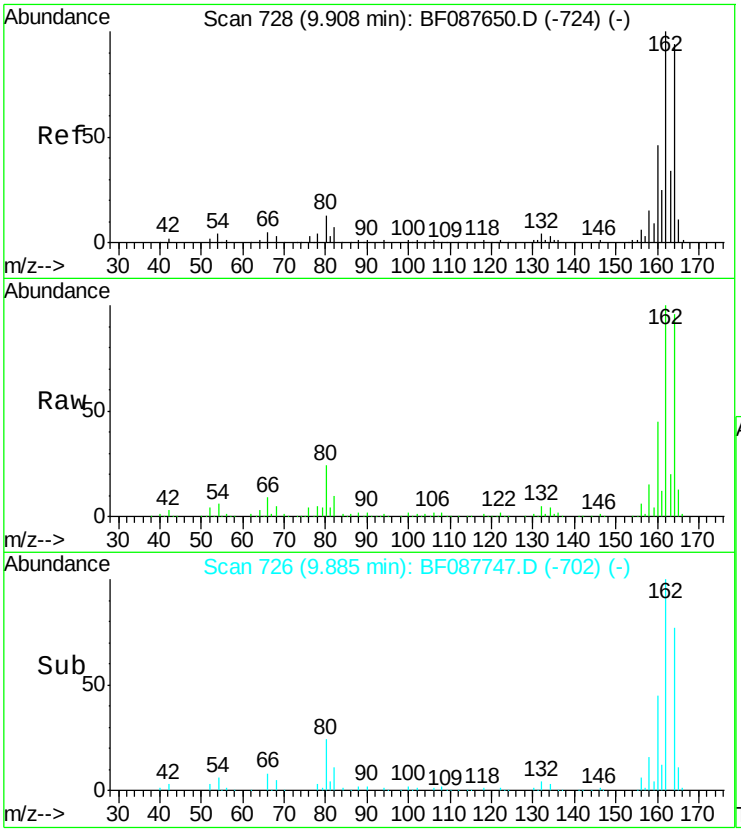


#23
Nitrobenzene-d5
Concen: 40.42 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Tgt Ion: 82 Resp: 487725

Ion	Ratio	Lower	Upper
82	100		
128	54.7	35.9	53.9#
54	43.5	40.9	61.3



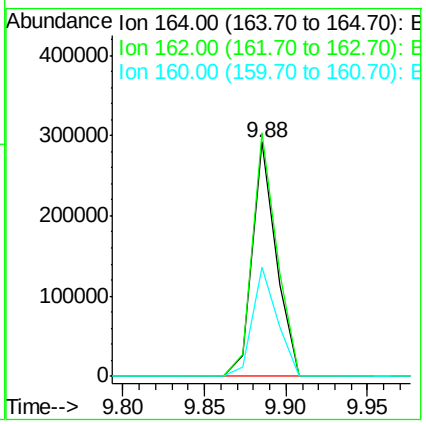


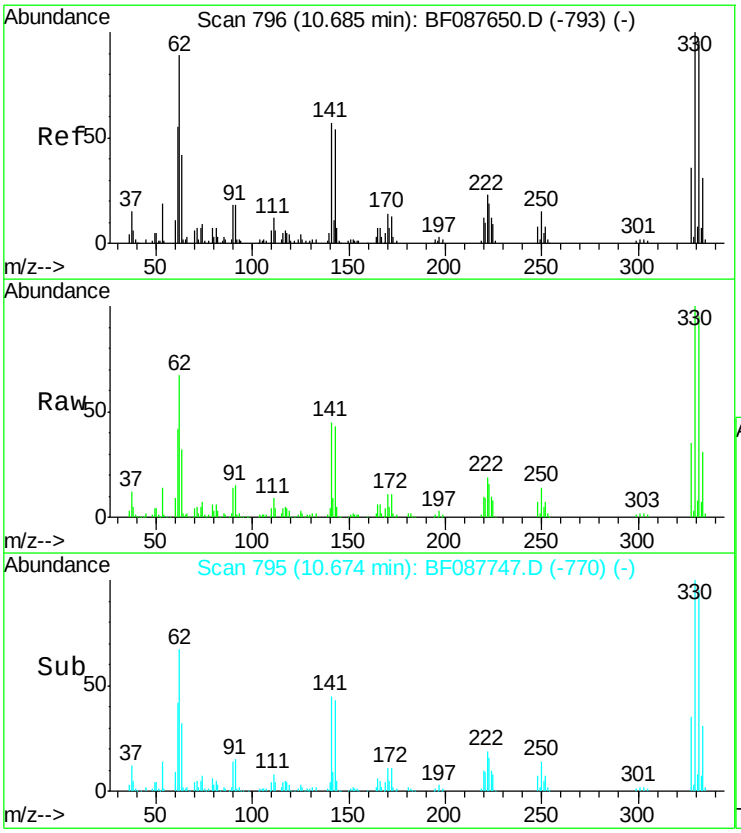
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)

Tgt Ion:164 Resp: 297159

Ion	Ratio	Lower	Upper
164	100		
162	103.9	85.4	128.2
160	46.6	39.5	59.3

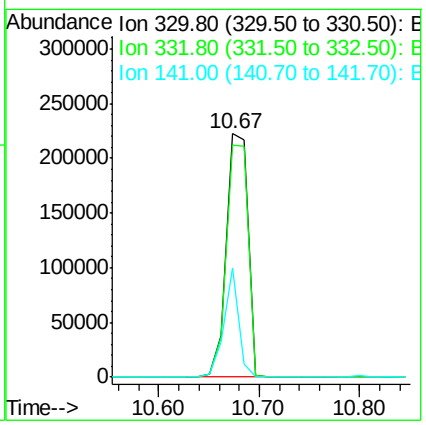


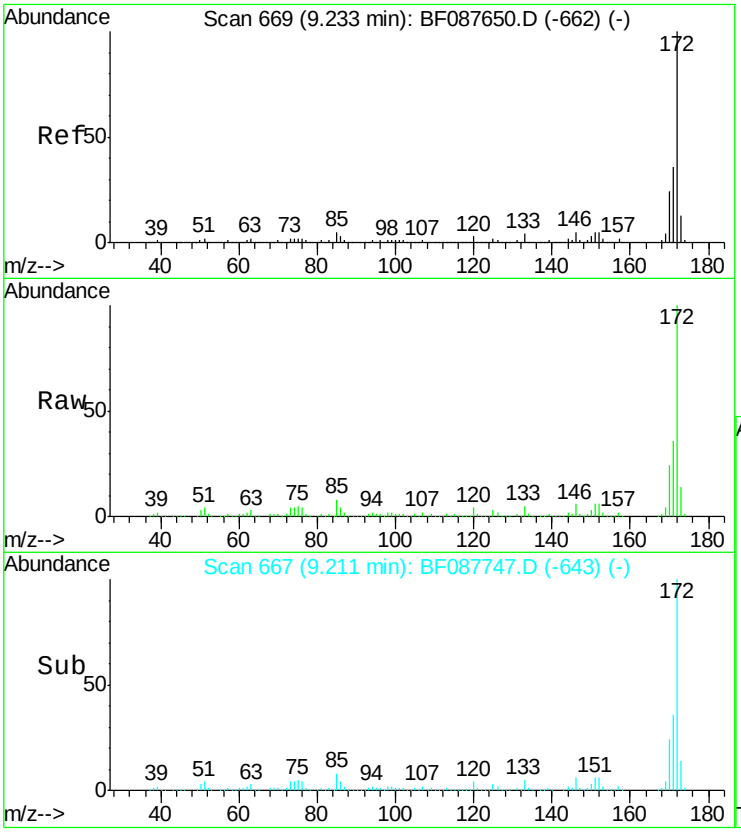


#41
2,4,6-Tribromophenol
Concen: 111.52 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Tgt Ion:330 Resp: 332656

Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	31.0	0.0	0.0#



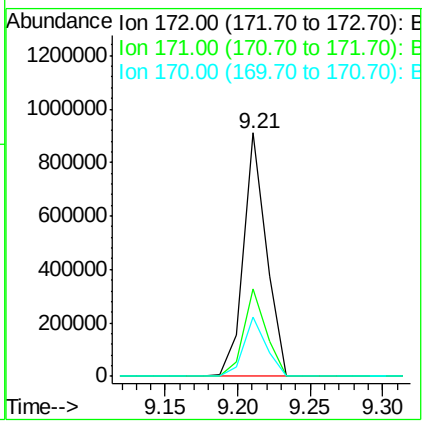


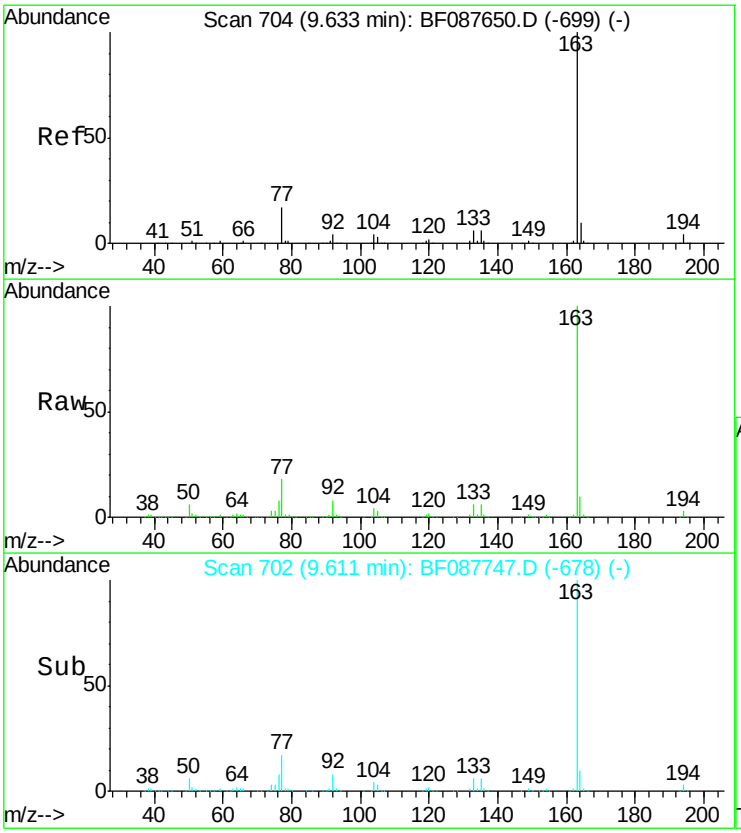
#44
2-Fluorobiphenyl
Concen: 44.75 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)

Tgt Ion:172 Resp: 998081

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.4	19.2	28.8

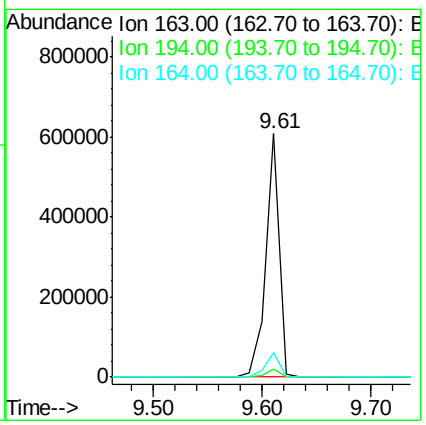


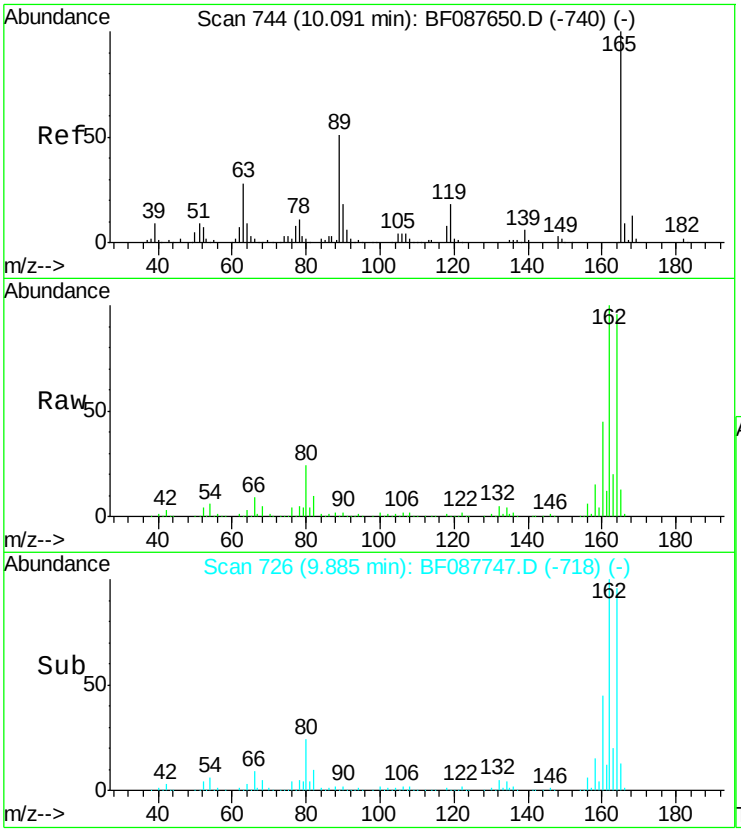


#49
Dimethylphthalate
Concen: 24.35 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Tgt Ion:163 Resp: 525972

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	10.3	8.3	12.5



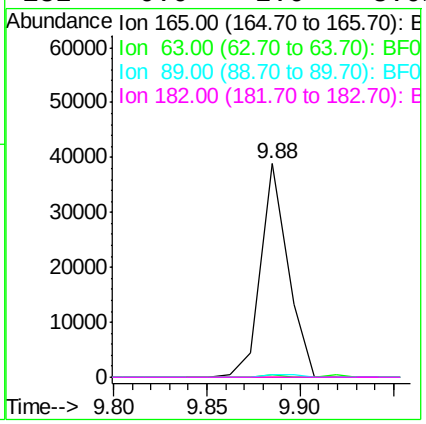


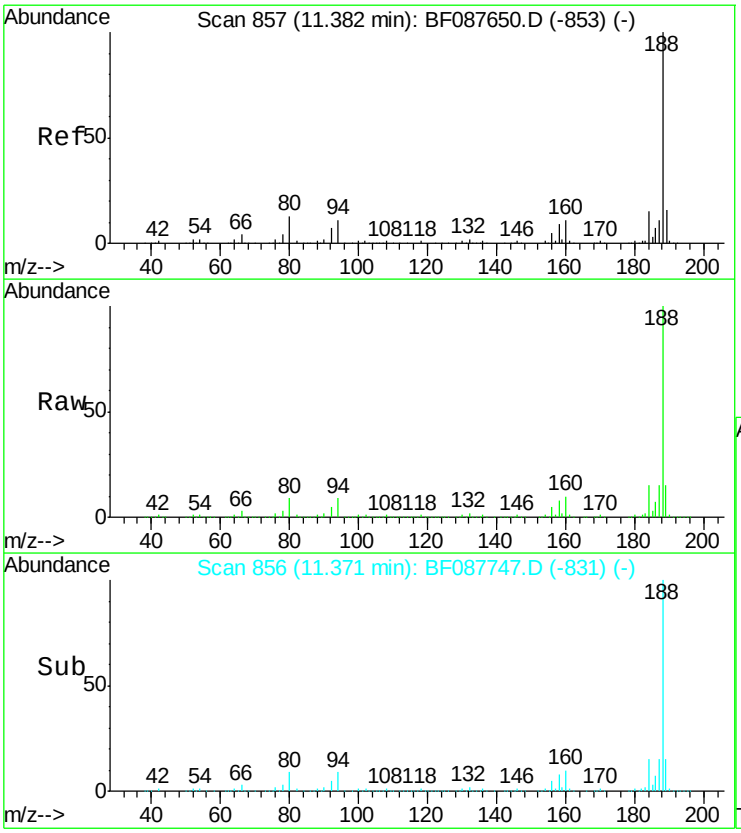
#56
2,4-Dinitrotoluene
Concen: 6.24 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.21 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)

Tgt Ion:165 Resp: 39047

Ion	Ratio	Lower	Upper
165	100		
63	1.3	22.0	33.0#
89	1.3	41.1	61.7#
182	0.0	2.0	3.0#

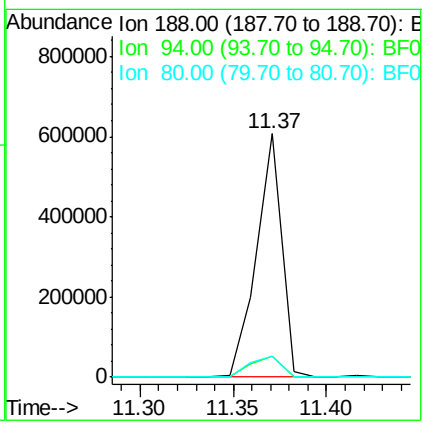


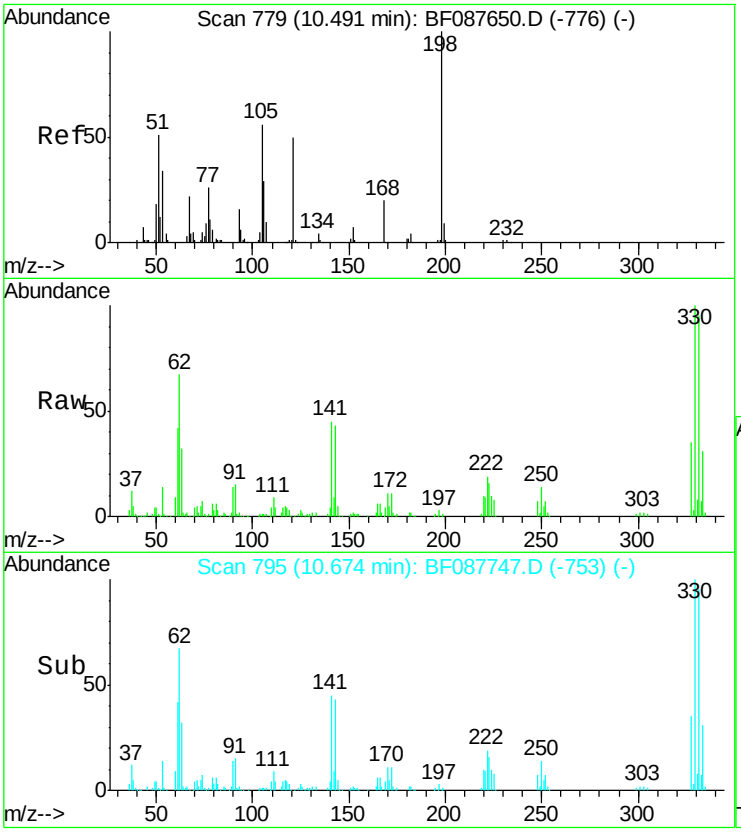


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Tgt Ion:188 Resp: 566115

Ion	Ratio	Lower	Upper
188	100		
94	8.5	9.0	13.6#
80	8.8	10.0	15.0#



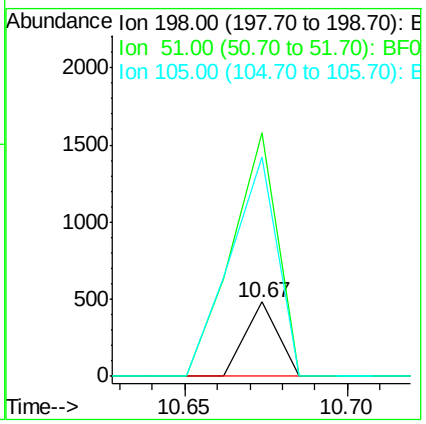


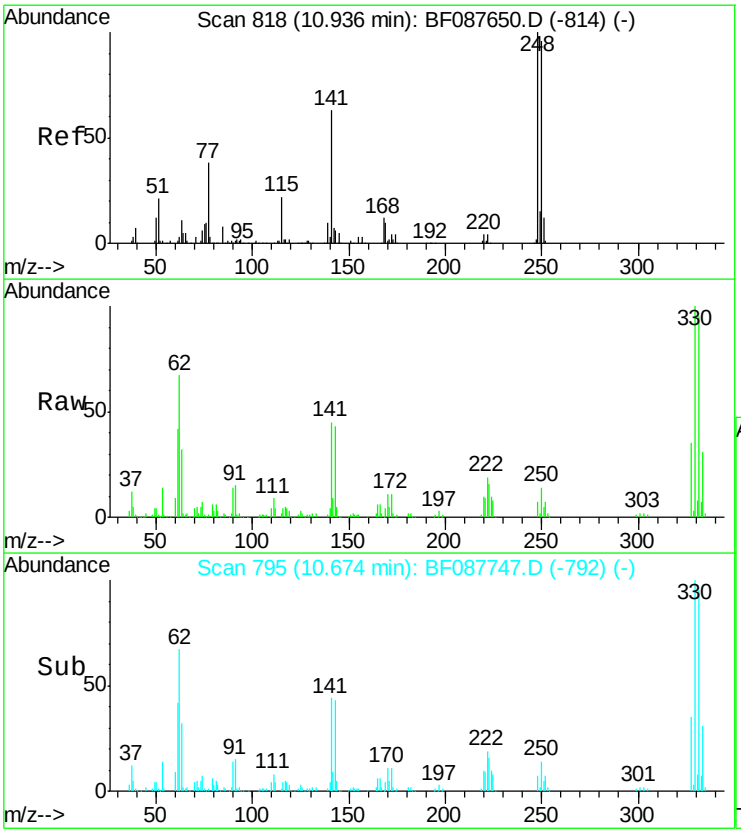
#64
4,6-Dinitro-2-methylphenol
Concen: 2.12 ng
RT: 10.67 min Scan# 795
Delta R.T. 0.18 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)

Tgt Ion:198 Resp: 331

Ion	Ratio	Lower	Upper
198	100		
51	326.7	39.6	79.6#
105	294.0	36.6	76.6#

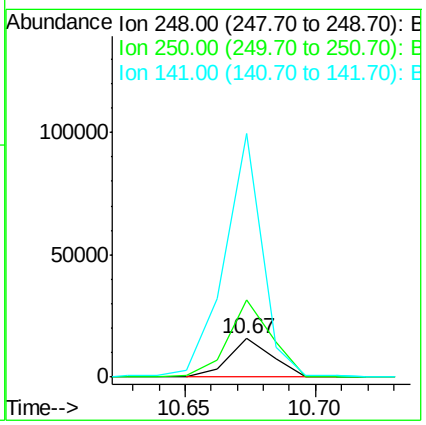


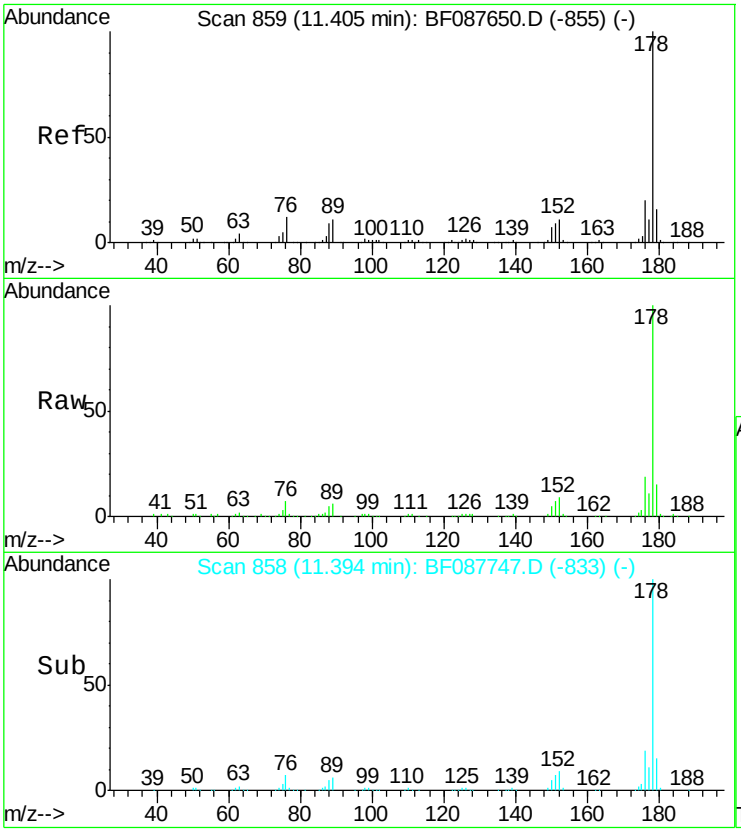


#66
4-Bromophenyl-phenylether
Concen: 3.28 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.26 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Tgt Ion:248 Resp: 18421

Ion	Ratio	Lower	Upper
248	100		
250	200.1	77.1	115.7#
141	631.0	50.6	76.0#



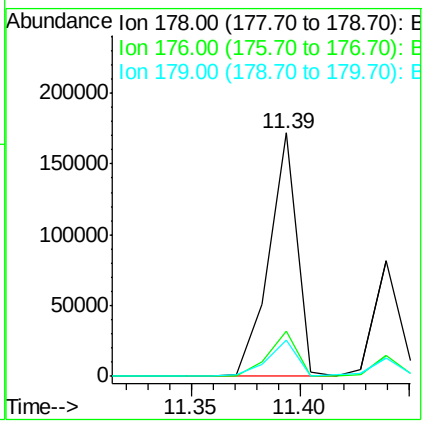


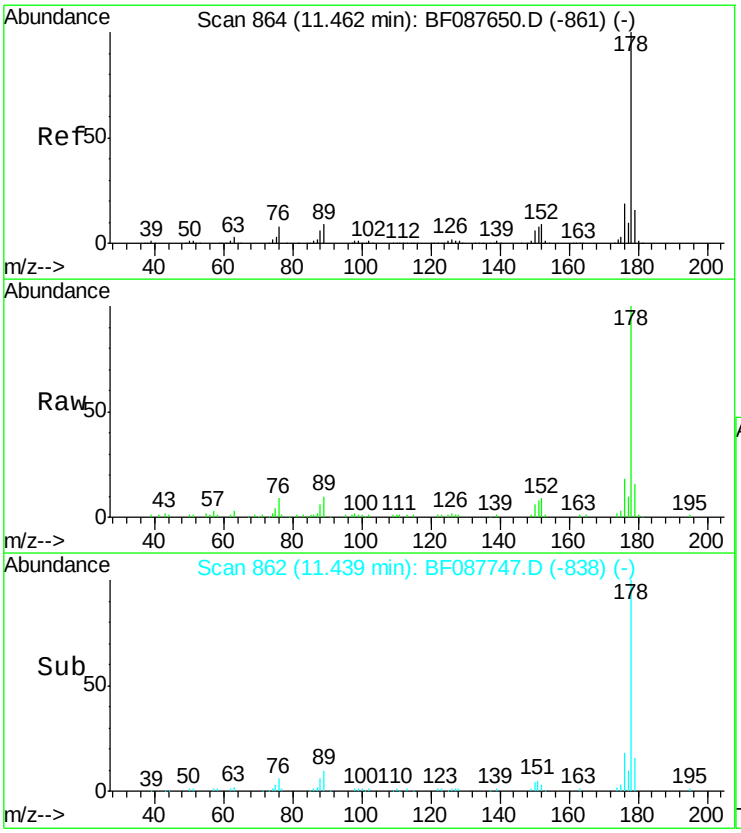
#70
Phenanthrene
Concen: 5.10 ng
RT: 11.39 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)

Tgt Ion:178 Resp: 156436

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.6
179	14.7	13.0	19.4

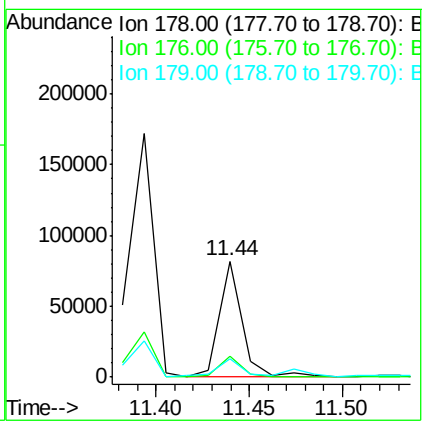


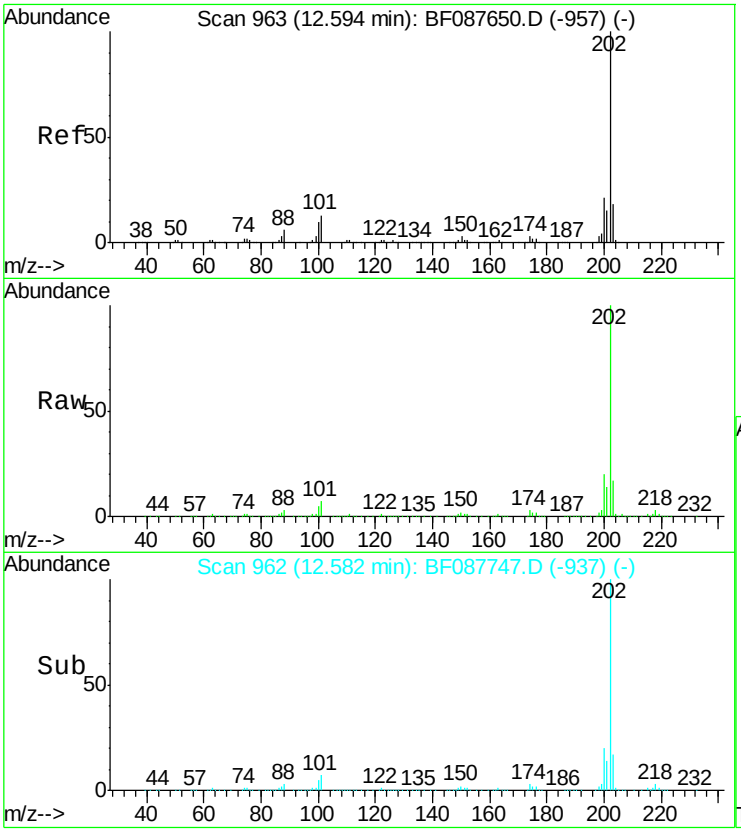


#71
Anthracene
Concen: 2.24 ng
RT: 11.44 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Tgt Ion:178 Resp: 68745

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.6	23.4
179	15.7	12.8	19.2



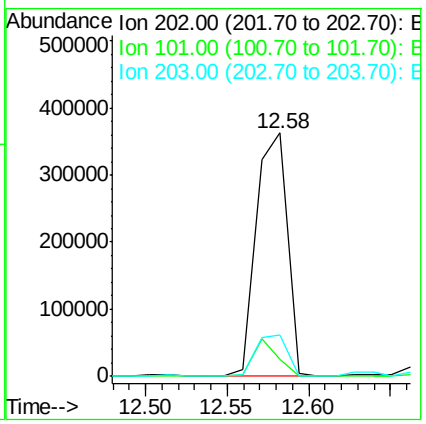


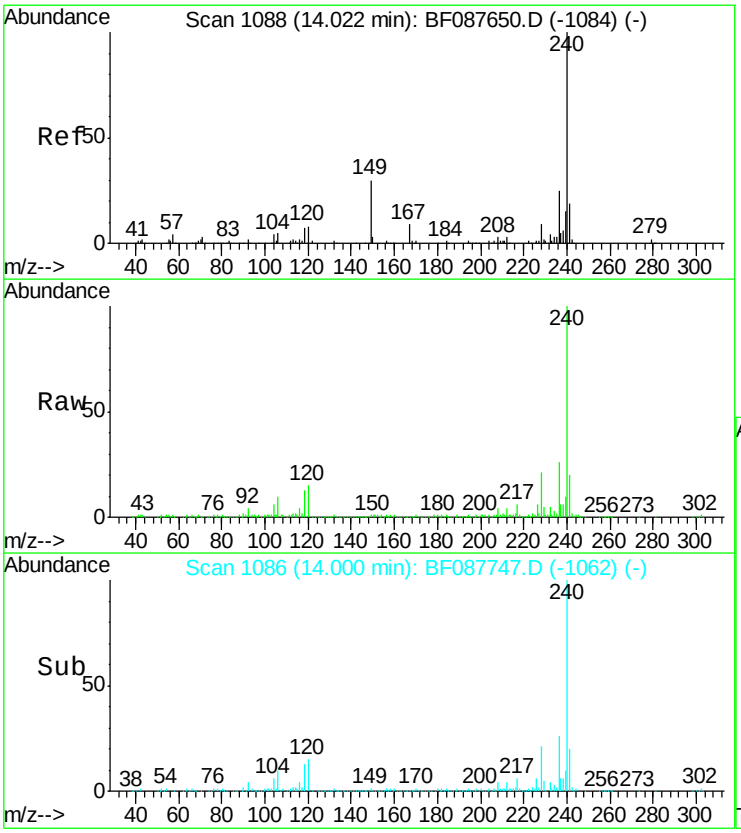
#74
Fluoranthene
Concen: 15.82 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)

Tgt Ion:202 Resp: 477981

Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	33.1
203	17.0	0.0	38.1

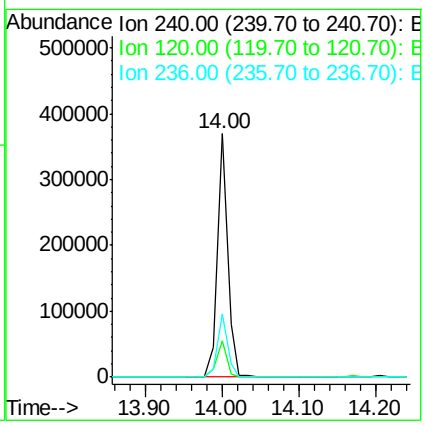


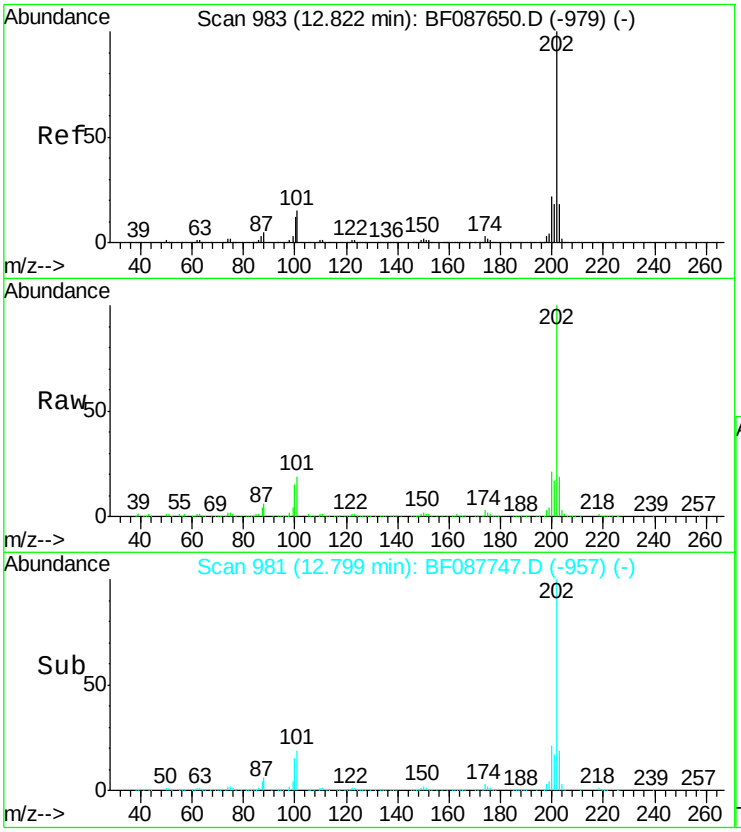


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Tgt Ion:240 Resp: 348339

Ion	Ratio	Lower	Upper
240	100		
120	14.6	6.8	10.2#
236	26.0	20.2	30.2



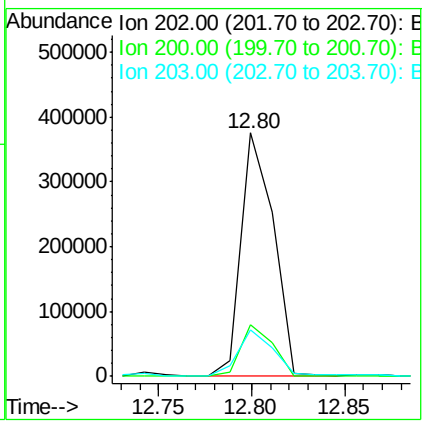


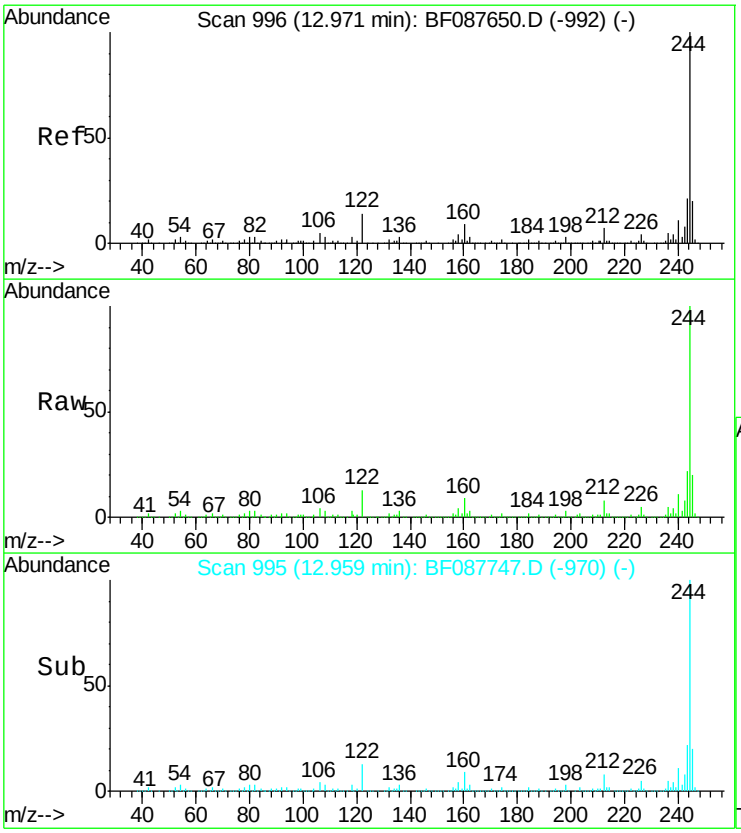
#77
Pyrene
Concen: 18.21 ng
RT: 12.80 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)

Tgt Ion:202 Resp: 451725

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	19.1	14.5	21.7

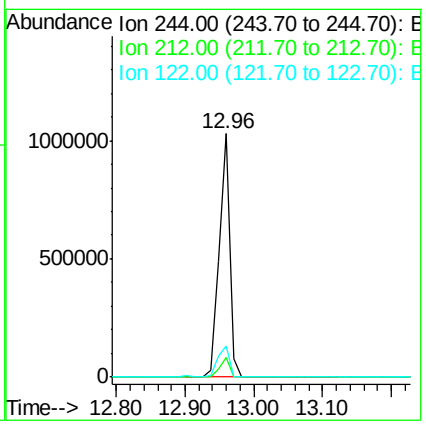


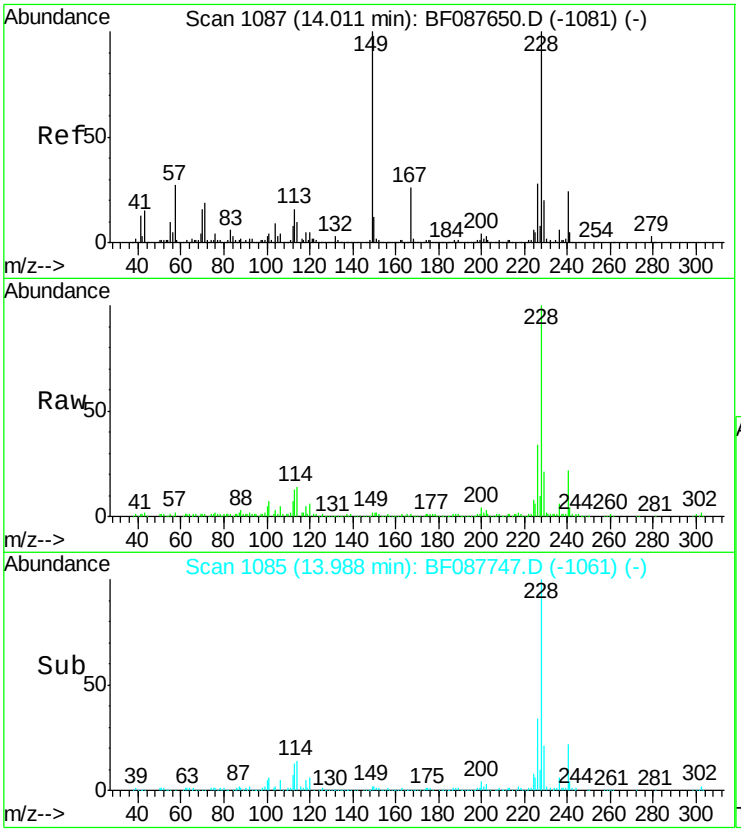


#78
Terphenyl-d14
Concen: 78.29 ng
RT: 12.96 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Tgt Ion:244 Resp: 1117560

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	12.9	11.2	16.8



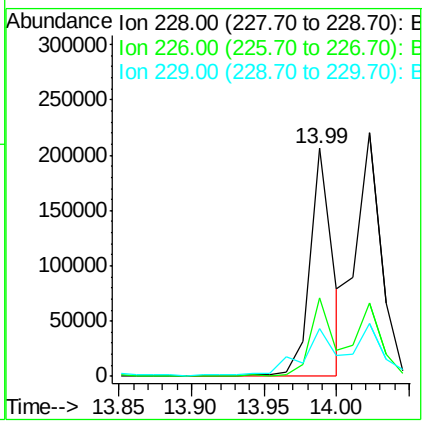


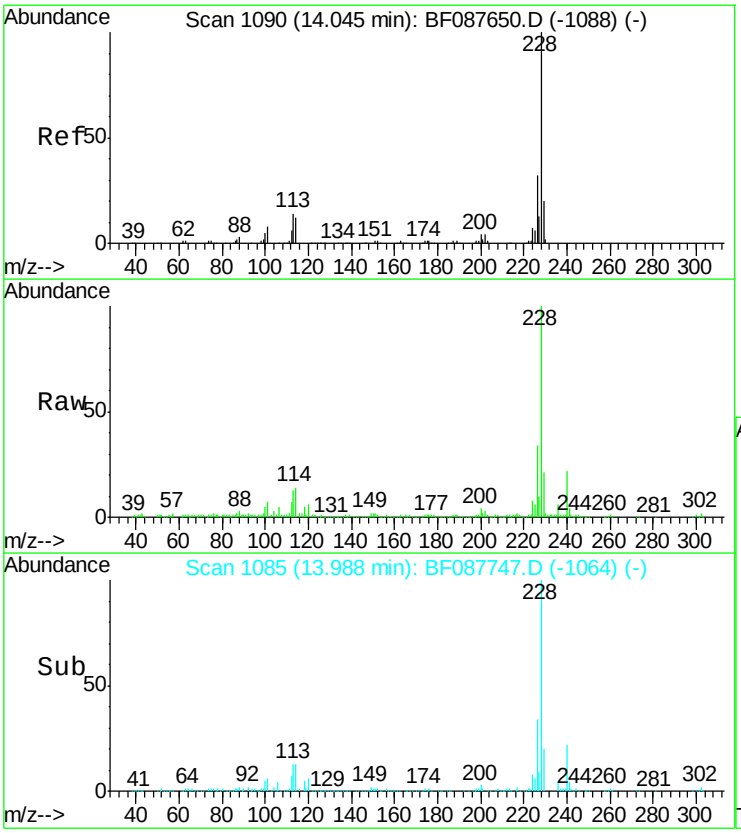
#80
Benzo(a)anthracene
Concen: 10.98 ng
RT: 13.99 min Scan# 1085
Delta R.T. -0.02 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)

Tgt Ion:228 Resp: 220700

Ion	Ratio	Lower	Upper
228	100		
226	34.2	22.3	33.5#
229	20.9	16.0	24.0

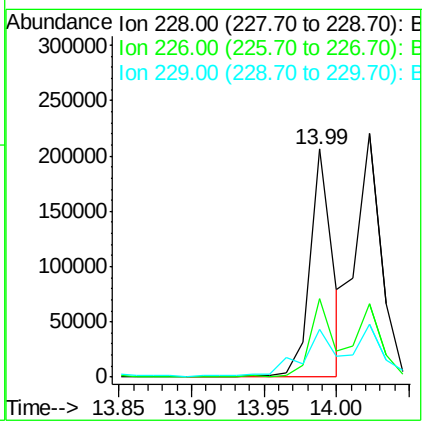


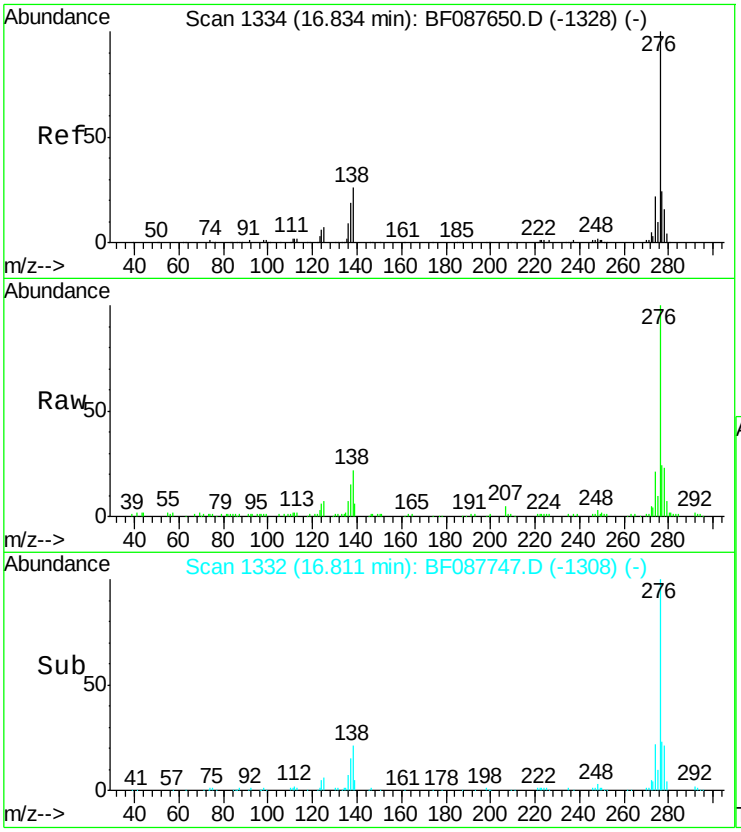


#82
Chrysene
Concen: 11.03 ng
RT: 13.99 min Scan# 1085
Delta R.T. -0.06 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Tgt Ion:228 Resp: 220700

Ion	Ratio	Lower	Upper
228	100		
226	34.2	25.4	38.2
229	20.9	16.3	24.5



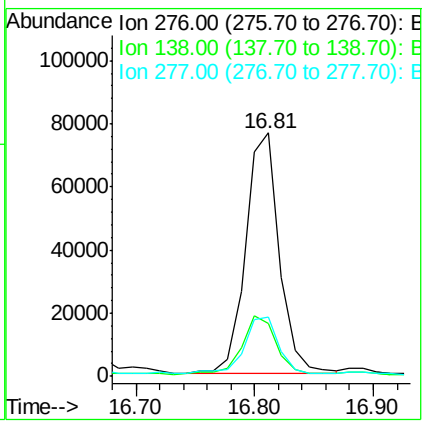


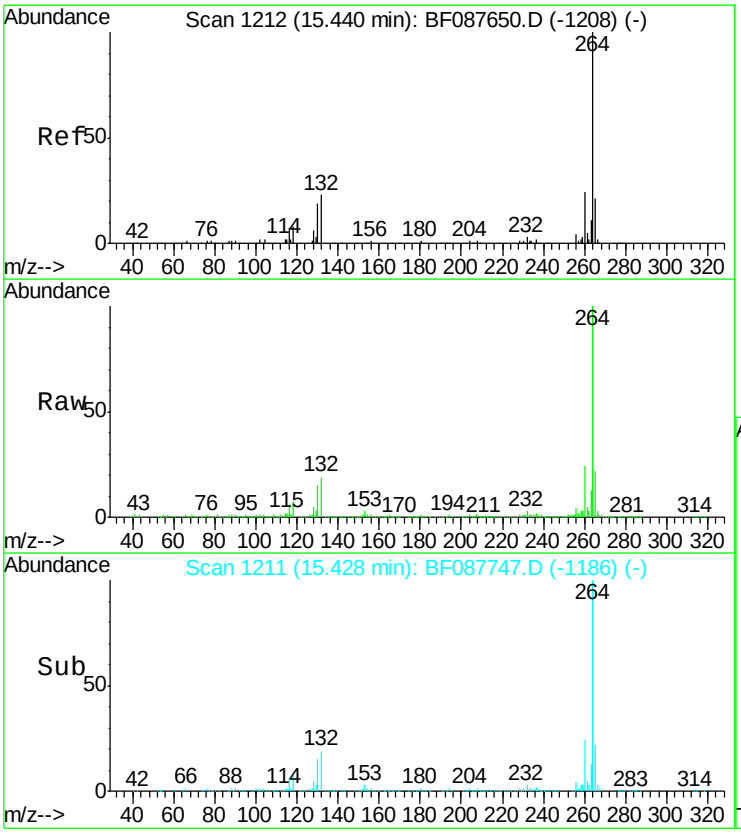
#85
Indeno(1,2,3-cd)pyrene
Concen: 9.10 ng
RT: 16.81 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)

Tgt Ion:276 Resp: 150572

Ion	Ratio	Lower	Upper
276	100		
138	25.0	0.0	0.0#
277	24.9	0.0	0.0#

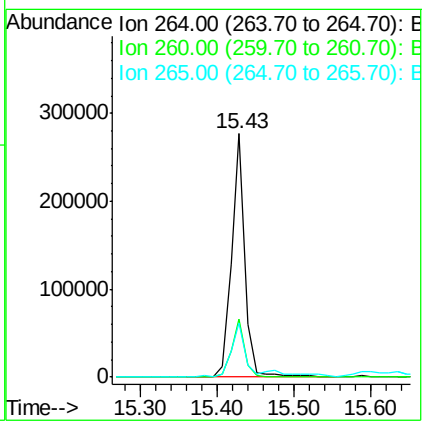


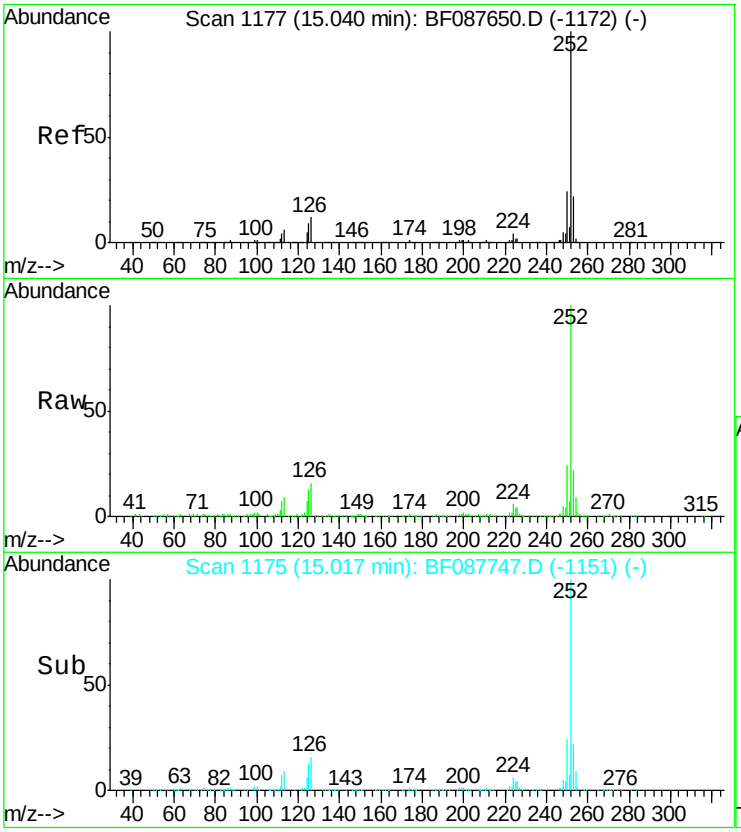


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Tgt Ion:264 Resp: 340869

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.4	16.9	25.3



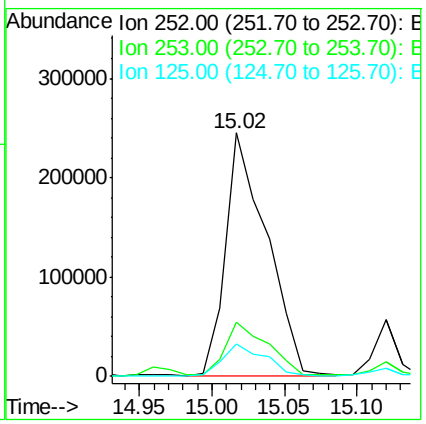


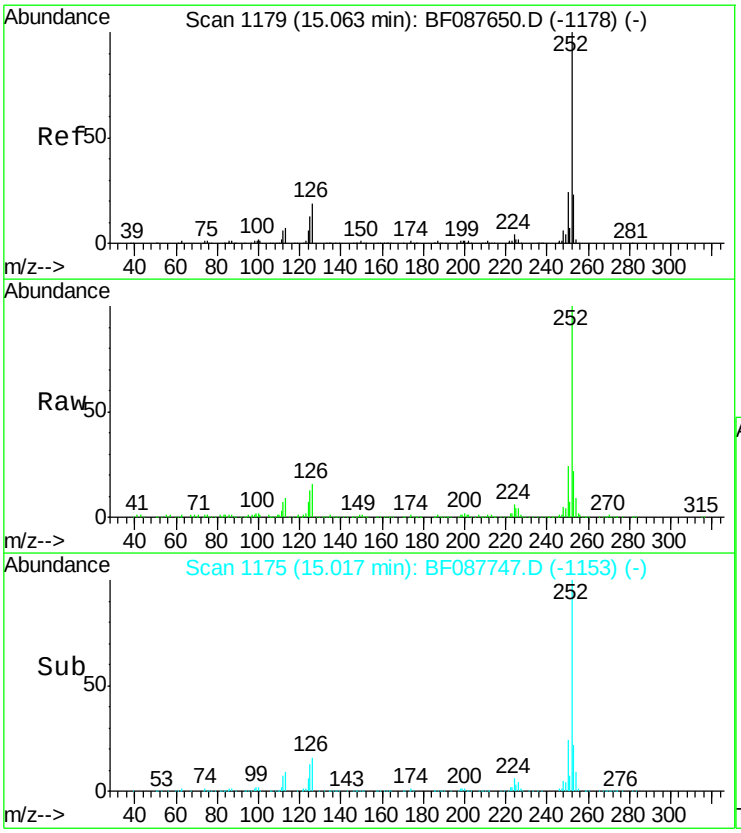
#87
Benzo(b)fluoranthene
Concen: 21.71 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)

Tgt Ion:252 Resp: 481363

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	13.4	7.1	10.7#

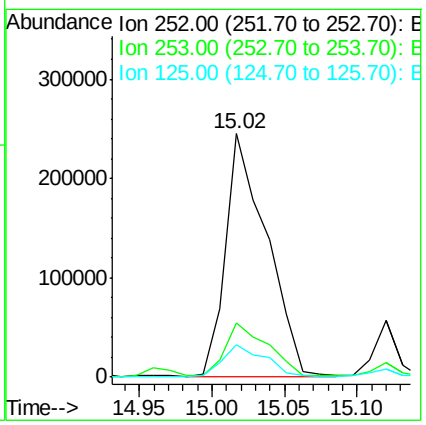


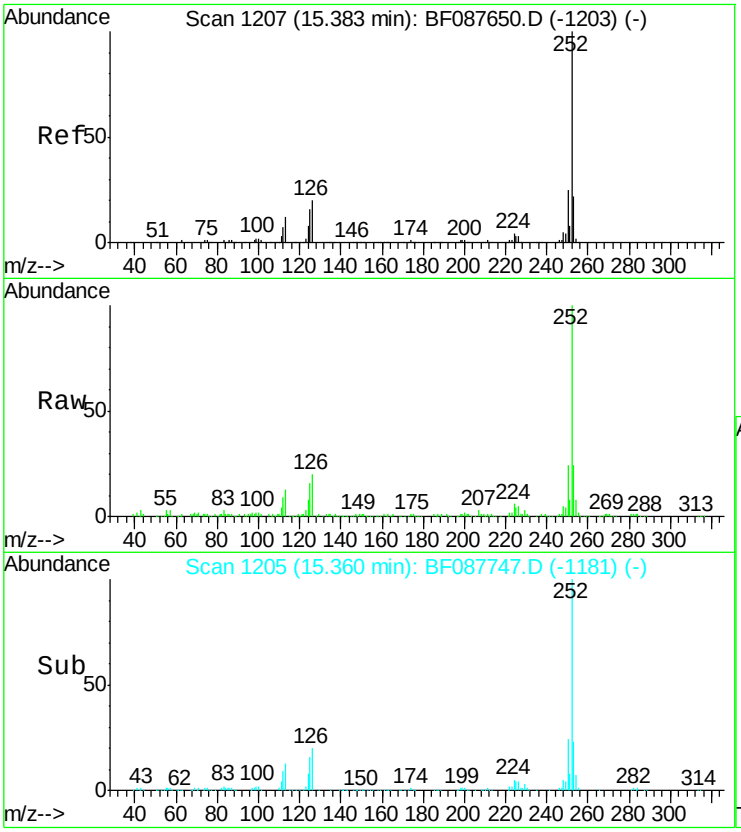


#88
Benzo(k)fluoranthene
Concen: 26.09 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.05 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Tgt Ion:252 Resp: 481363

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	13.4	11.2	16.8



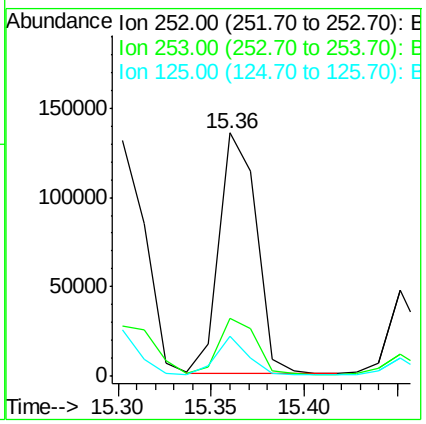


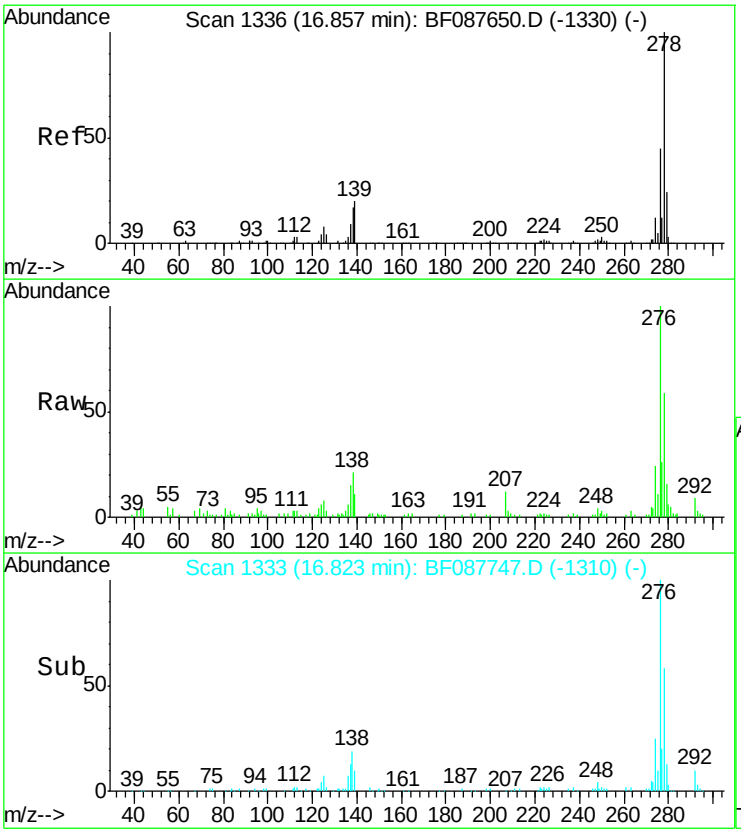
#89
Benzo(a)pyrene
Concen: 10.14 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)

Tgt Ion:252 Resp: 188966

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	16.2	12.5	18.7

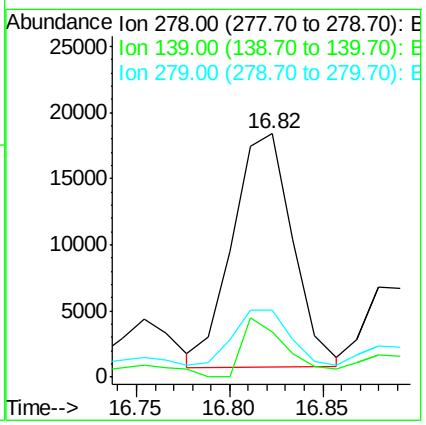


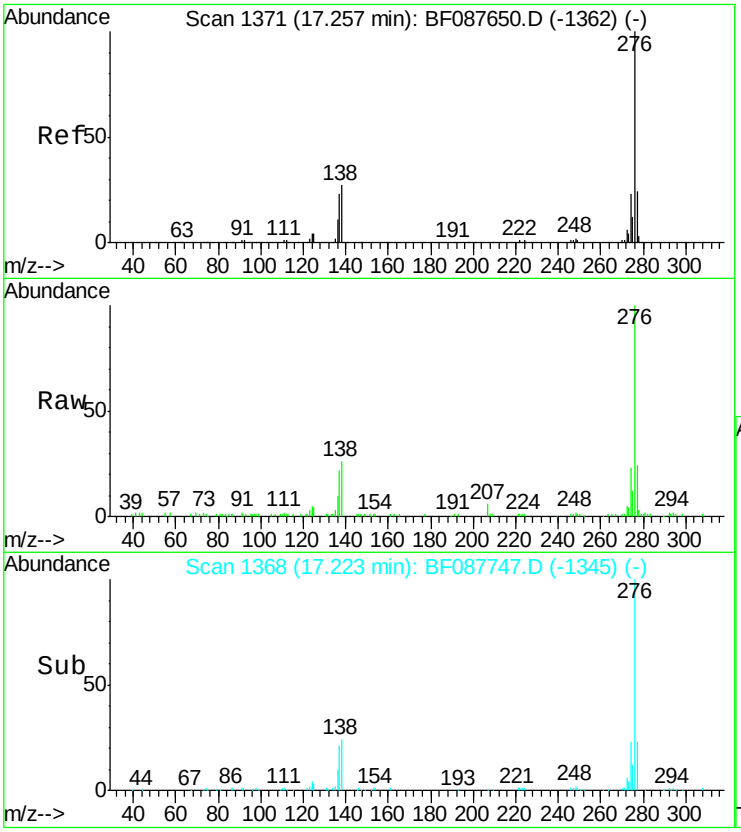


#90
Dibenzo(a,h)anthracene
Concen: 2.51 ng
RT: 16.82 min Scan# 1333
Delta R.T. -0.03 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Tgt Ion:278 Resp: 39770

Ion	Ratio	Lower	Upper
278	100		
139	18.4	15.7	23.5
279	27.6	19.4	29.2





#91
Benzo(g,h,i)perylene
Concen: 8.27 ng
RT: 17.22 min Scan# 1368
Delta R.T. -0.03 min
Lab File: BF087747.D
Acq: 6 Jun 2016 12:44

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)

Tgt Ion:276 Resp: 132424

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	25.8	21.4	32.2