Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050916\
Data File : BF086848.D
Acq On : 10 May 2016 4:16
Operator : UM/SJ
Sample : H2895-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP15-3-5FT

Quant Time: May 10 05:34:53 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	156692	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	663295	20.00	ng		-0.01
38) Acenaphthene-d10	9.72	164	301200	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	561368	20.00	ng		0.00
75) Chrysene-d12	13.83	240	323873	20.00	ng		-0.01
86) Perylene-d12	15.21	264	340784	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1270121	137.27	ng		0.01
7) Phenol-d6	6.35	99	1564312	126.50	ng		-0.01
23) Nitrobenzene-d5	7.26	82	1058702	80.15	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	391146	122.67	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1172909	65.45	ng		0.00
78) Terphenyl-d14	12.78	244	783024	51.30	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	152780	17.68	ng	#	75
25) Isophorone	7.26	82	1024286	41.79	ng	#	68
49) Dimethylphthalate	9.46	163	240898	10.48	ng		98
55) 4-Nitrophenol	9.85	139	595	4.73	ng	#	1
56) 2,4-Dinitrotoluene	9.72	165	39490	6.60	ng	#	17
60) 4-Chlorophenyl-phenylether	10.27	204	227	Below Cal		#	1
66) 4-Bromophenyl-phenylether	10.51	248	22696	3.99	ng	#	1
74) Fluoranthene	12.41	202	147042	4.77	ng		99
77) Pyrene	12.64	202	141101	5.69	ng		98
80) Benzo(a)anthracene	13.86	228	60139	3.31	ng		93
82) Chrysene	13.86	228	59906	3.24	ng		95
85) Indeno(1,2,3-cd)pyrene	16.49	276	45877	2.98	ng	#	87
87) Benzo(b)fluoranthene	14.83	252	115154	5.20	ng		95
88) Benzo(k)fluoranthene	14.83	252	115082	6.35	ng	#	93
89) Benzo(a)pyrene	15.15	252	68244	3.57	ng	#	93
91) Benzo(g,h,i)perylene	16.88	276	41314	2.53	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050916\
Data File : BF086848.D
Acq On : 10 May 2016 4:16
Operator : UM/SJ
Sample : H2895-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP15-3-5FT

Quant Time: May 10 05:34:53 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
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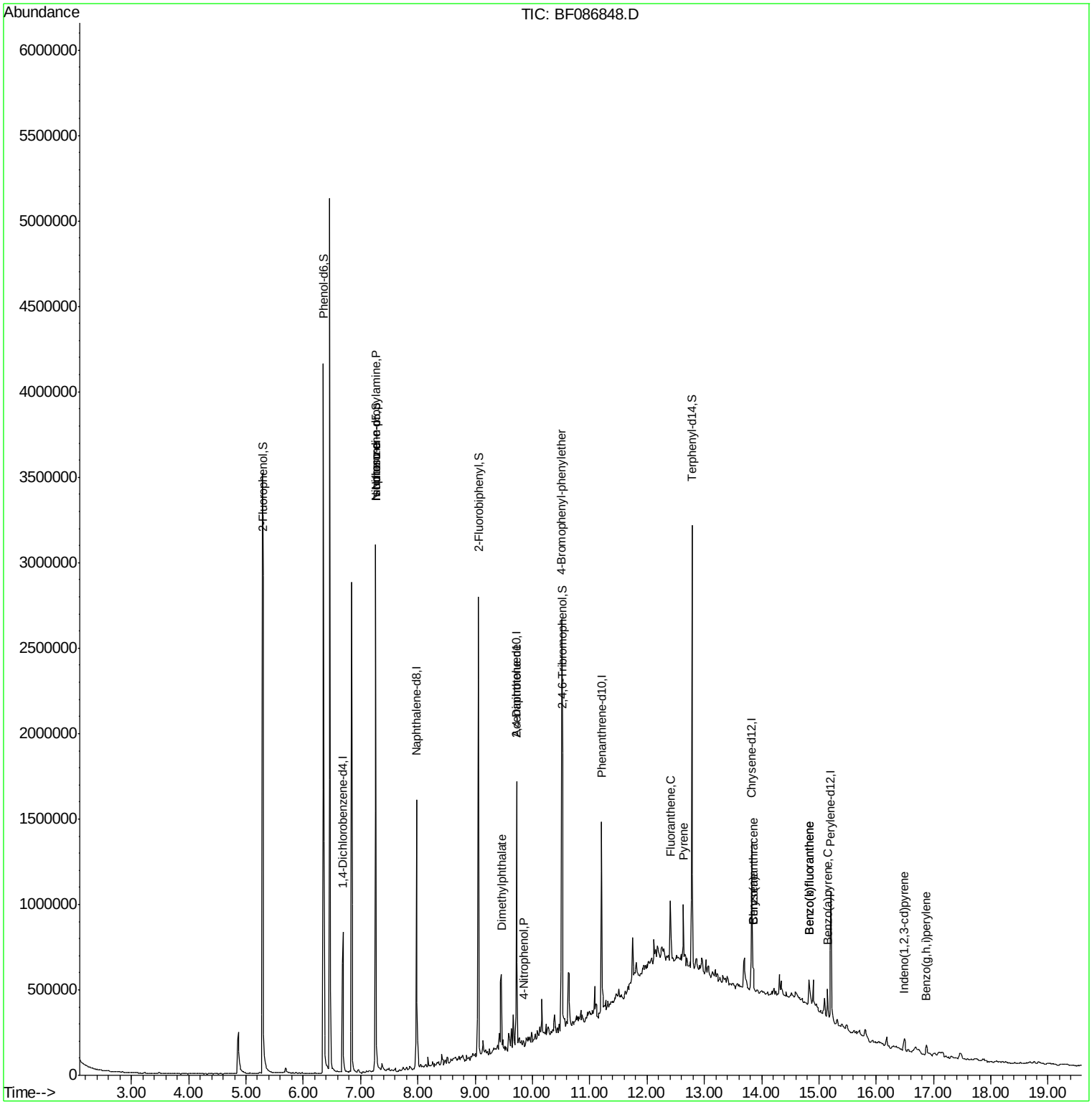
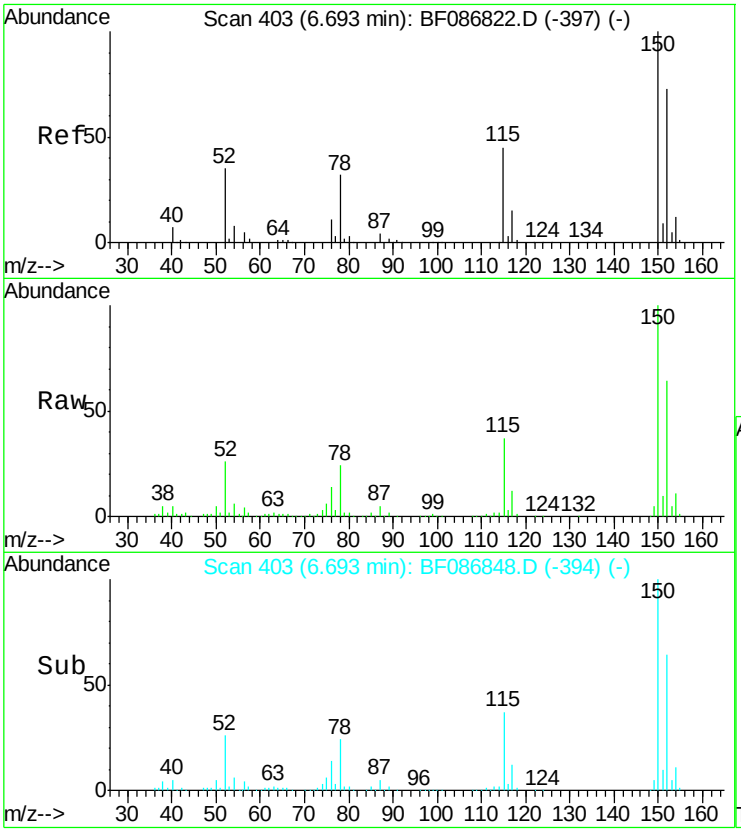


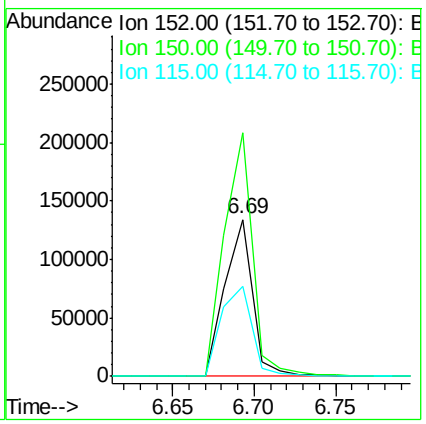


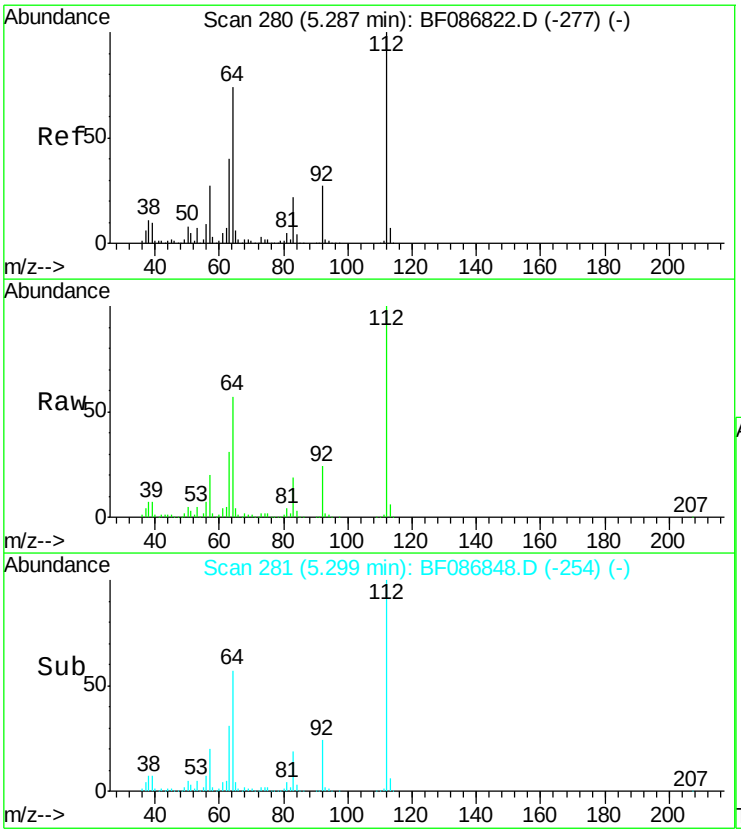
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Instrument :
BNA_F
ClientSampleId :
TP15-3-5FT

Tgt Ion:152 Resp: 156692

Ion	Ratio	Lower	Upper
152	100		
150	155.2	125.8	188.6
115	57.5	51.5	77.3

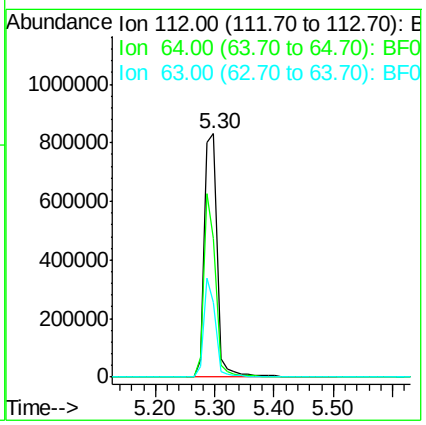


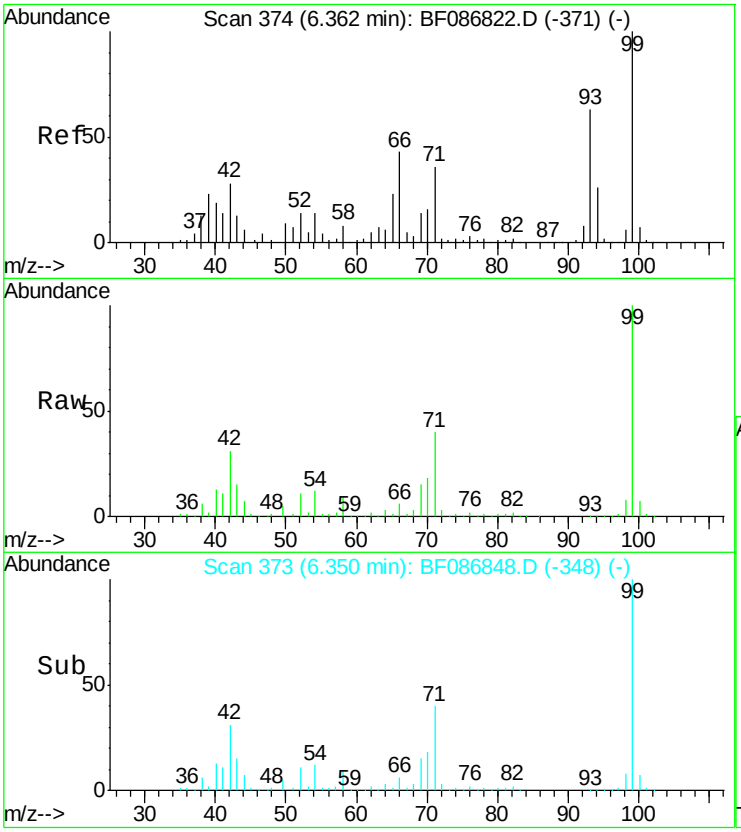


#5
2-Fluorophenol
Concen: 137.27 ng
RT: 5.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Tgt Ion:112 Resp: 1270121

Ion	Ratio	Lower	Upper
112	100		
64	57.1	52.1	78.1
63	30.8	25.7	38.5



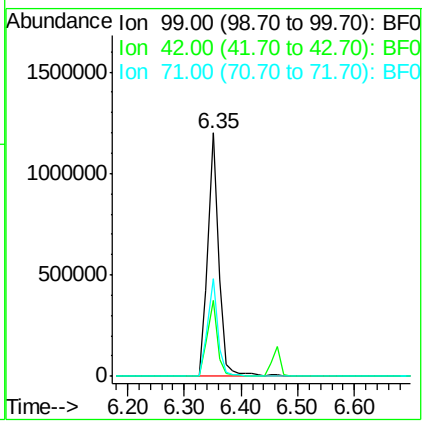


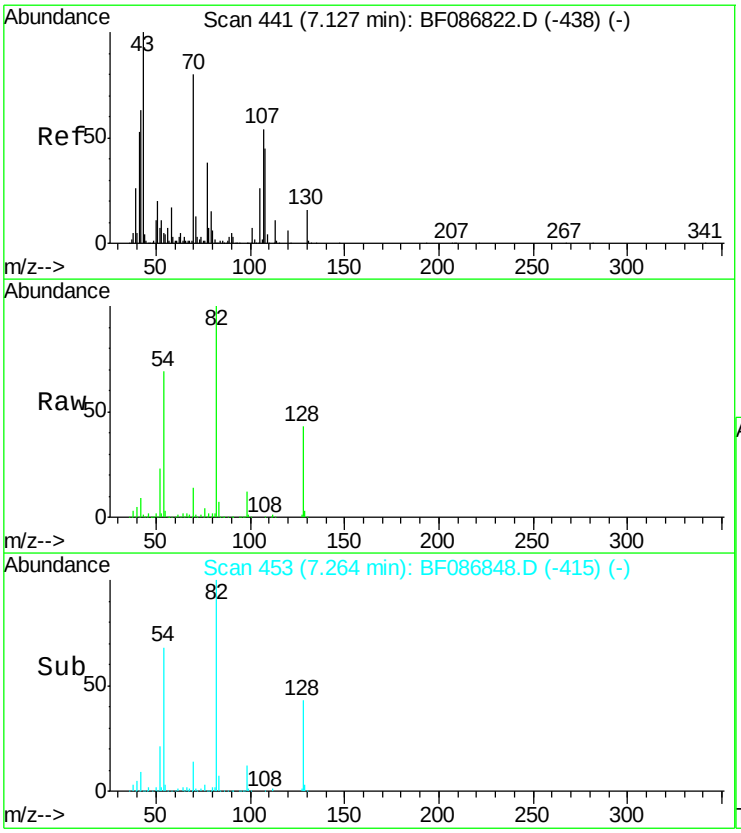
#7
Phenol-d6
Concen: 126.50 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.01 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Instrument :
BNA_F
ClientSampleId :
TP15-3-5FT

Tgt Ion: 99 Resp: 1564312

Ion	Ratio	Lower	Upper
99	100		
42	31.3	13.6	20.4#
71	40.3	24.6	36.8#

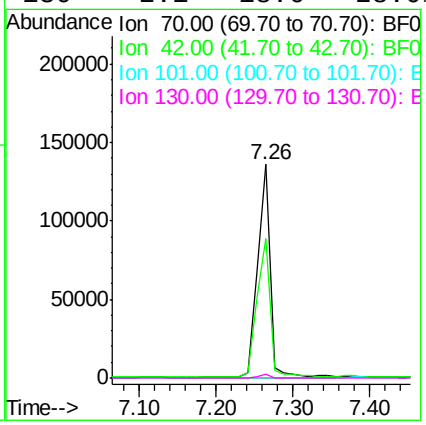


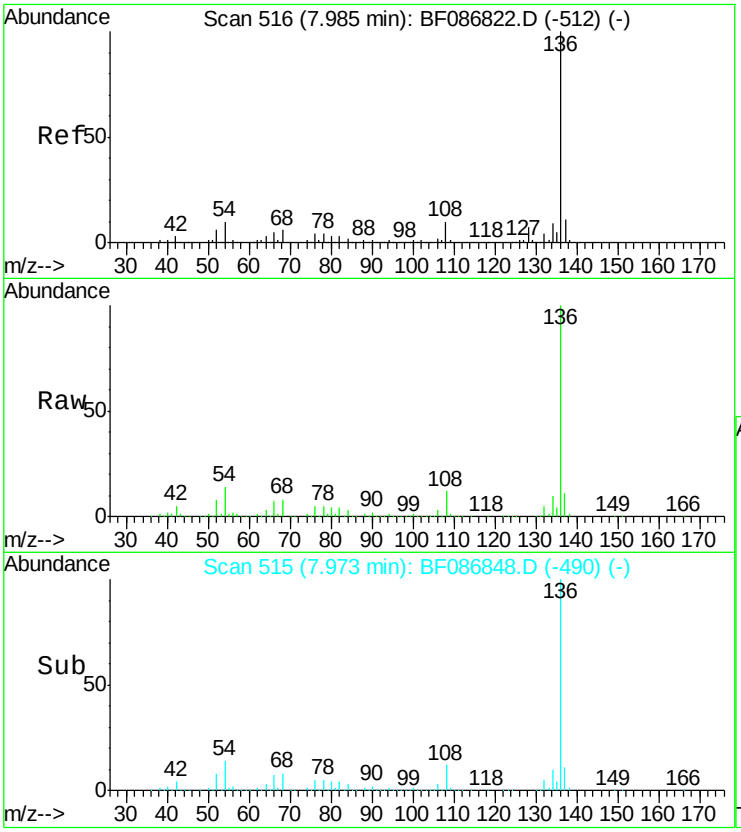


#19
n-Nitroso-di-n-propylamine
Concen: 17.68 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.14 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Tgt Ion: 70 Resp: 152780

Ion	Ratio	Lower	Upper
70	100		
42	65.3	43.1	64.7#
101	0.0	8.1	12.1#
130	2.1	18.6	28.0#



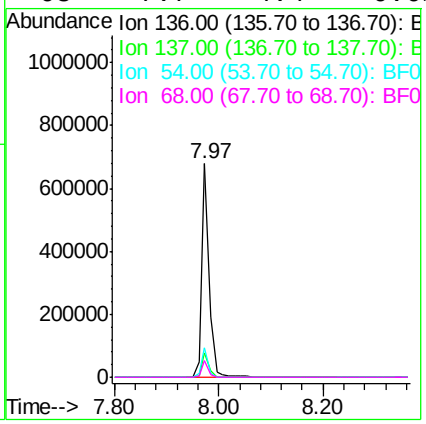


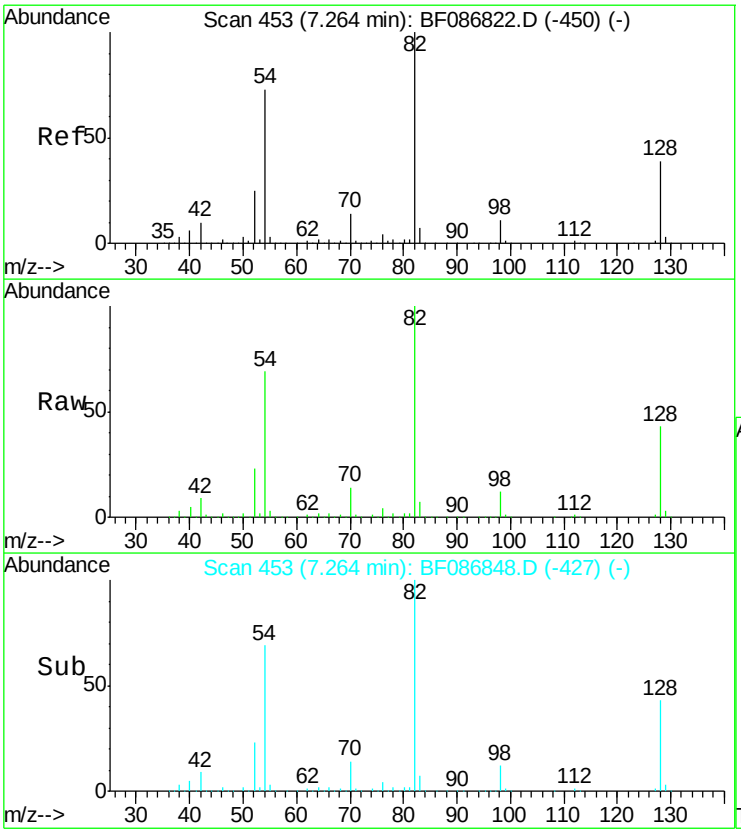
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Instrument :
BNA_F
ClientSampleId :
TP15-3-5FT

Tgt Ion:136 Resp: 663295

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	14.1	5.0	7.4#
68	7.7	4.4	6.6#

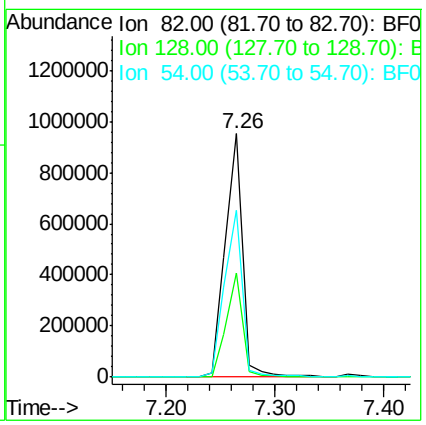


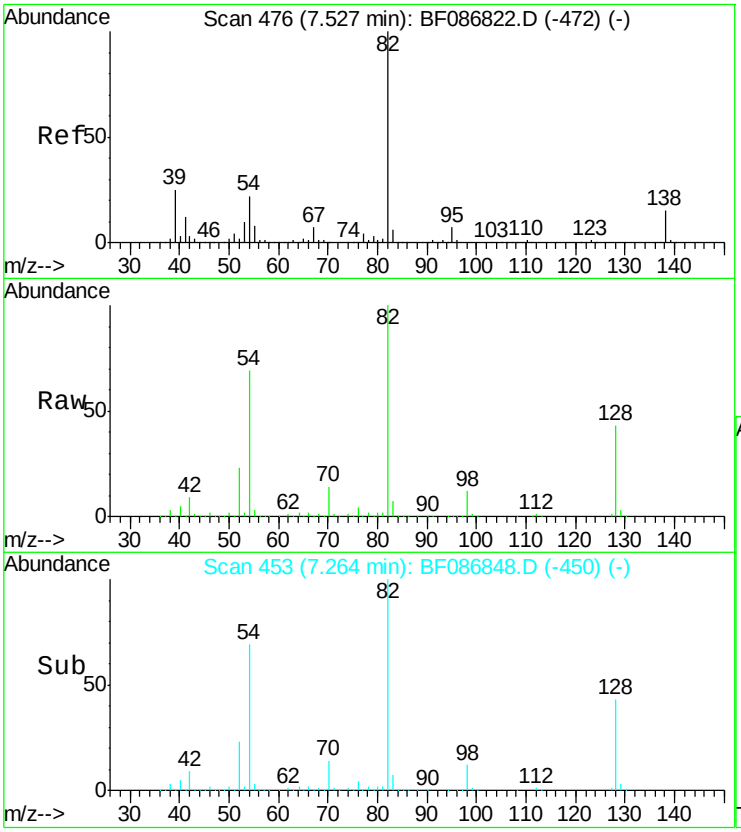


#23
Nitrobenzene-d5
Concen: 80.15 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Tgt Ion: 82 Resp: 1058702

Ion	Ratio	Lower	Upper
82	100		
128	42.6	40.6	61.0
54	68.7	38.1	57.1#



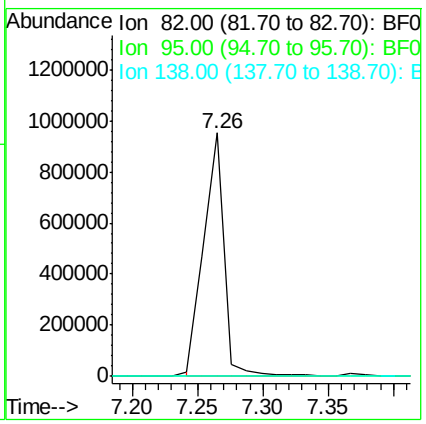


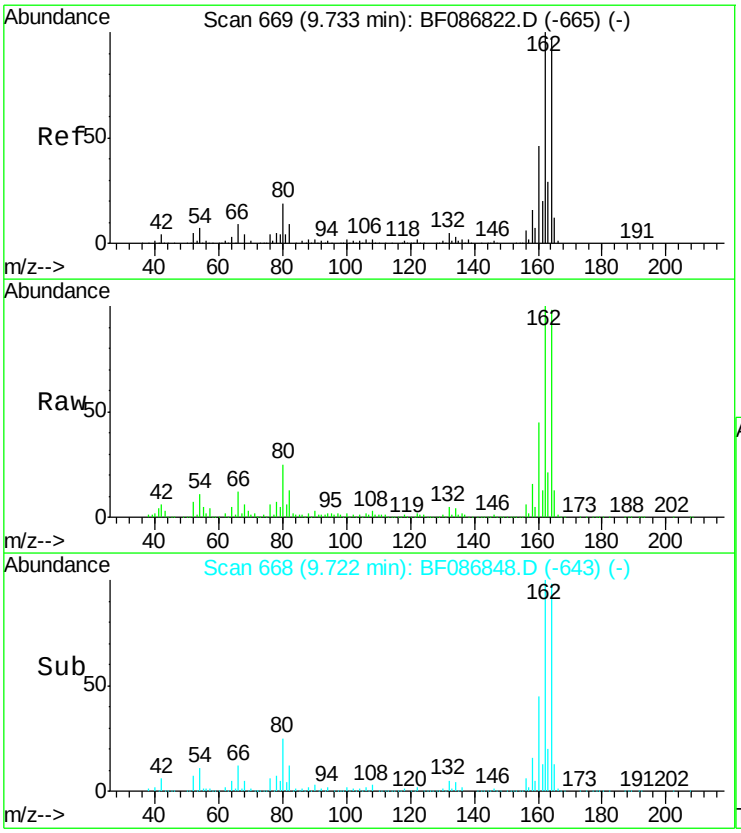
#25
Isophorone
Concen: 41.79 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.26 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Instrument :
BNA_F
ClientSampleId :
TP15-3-5FT

Tgt Ion: 82 Resp: 1024286

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.1	7.7#
138	0.0	12.4	18.6#

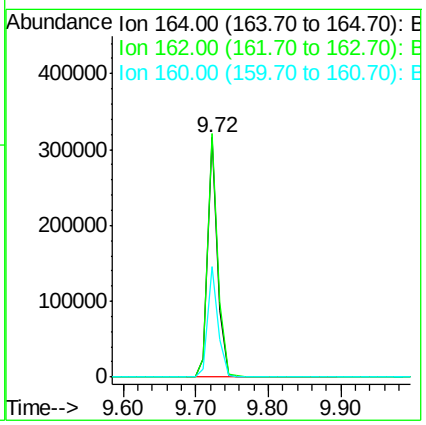


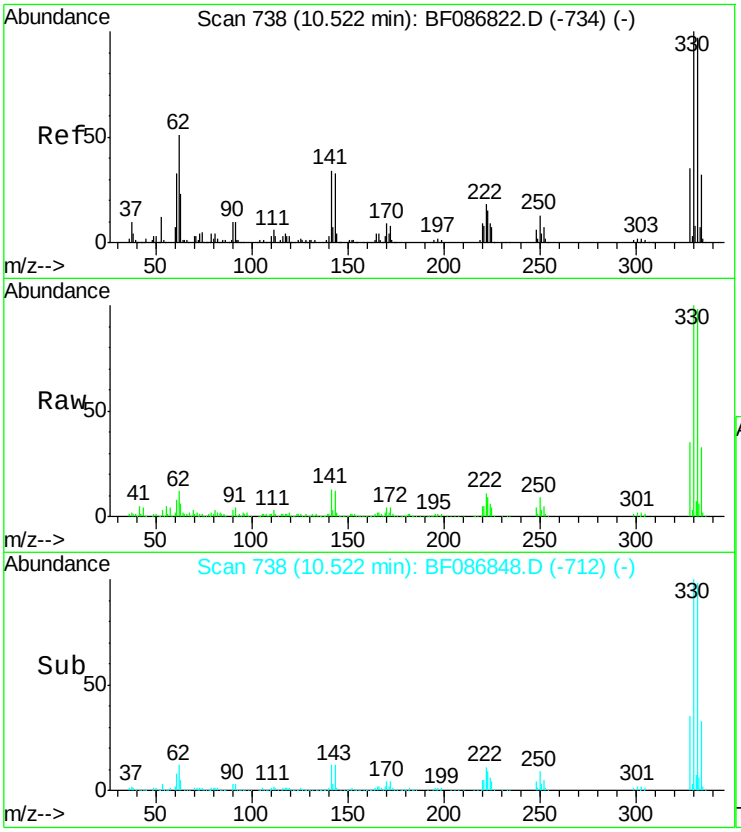


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Tgt Ion:164 Resp: 301200

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.8	124.2
160	46.1	36.9	55.3



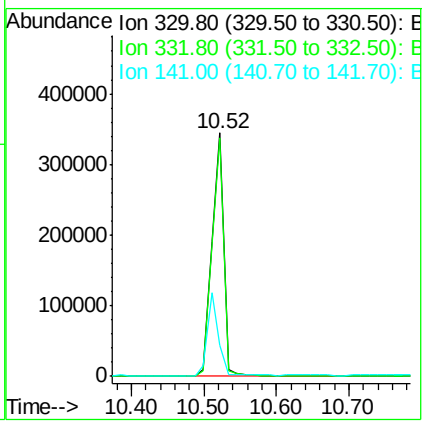


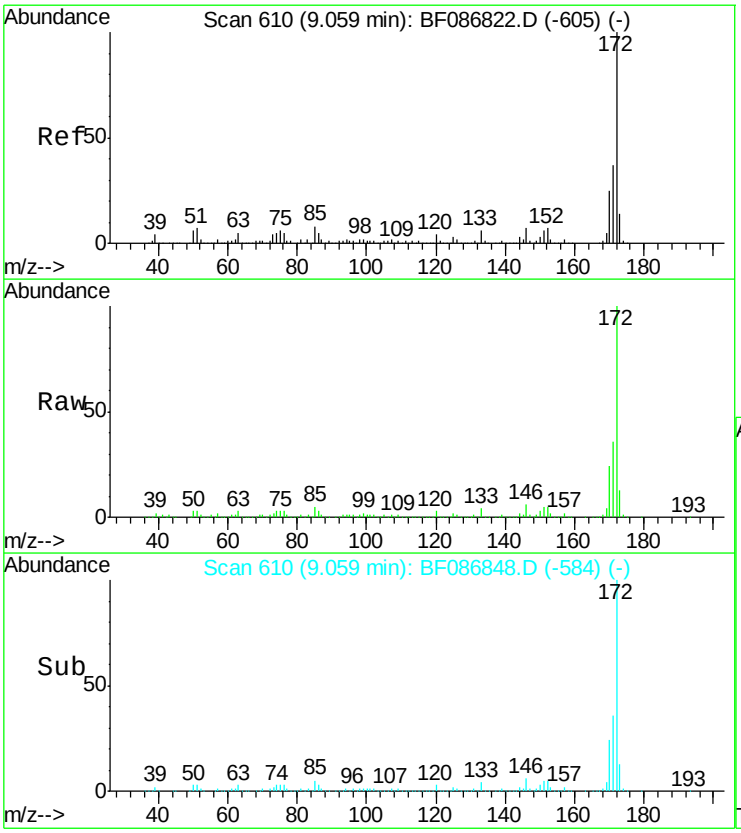
#41
2,4,6-Tribromophenol
Concen: 122.67 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Instrument :
BNA_F
ClientSampleId :
TP15-3-5FT

Tgt Ion:330 Resp: 391146

Ion	Ratio	Lower	Upper
330	100		
332	97.7	79.0	118.4
141	32.2	31.2	46.8

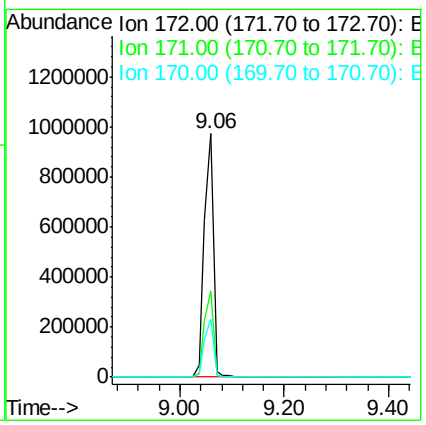


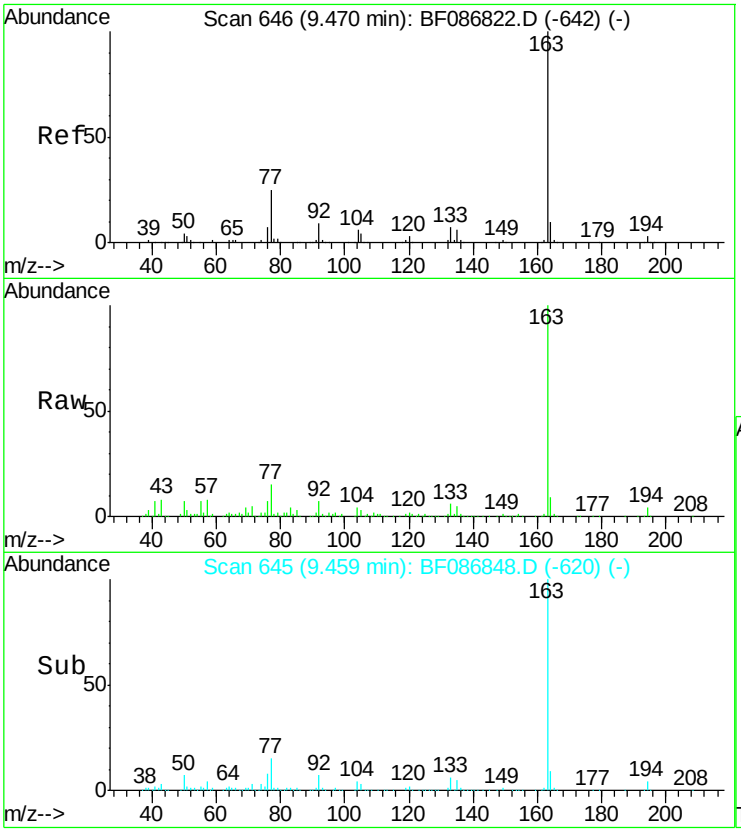


#44
2-Fluorobiphenyl
Concen: 65.45 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Tgt Ion:172 Resp: 1172909

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	23.9	19.8	29.8



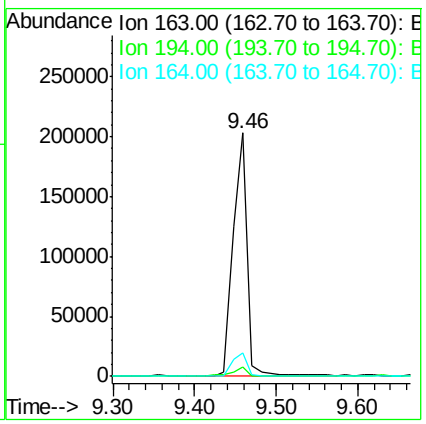


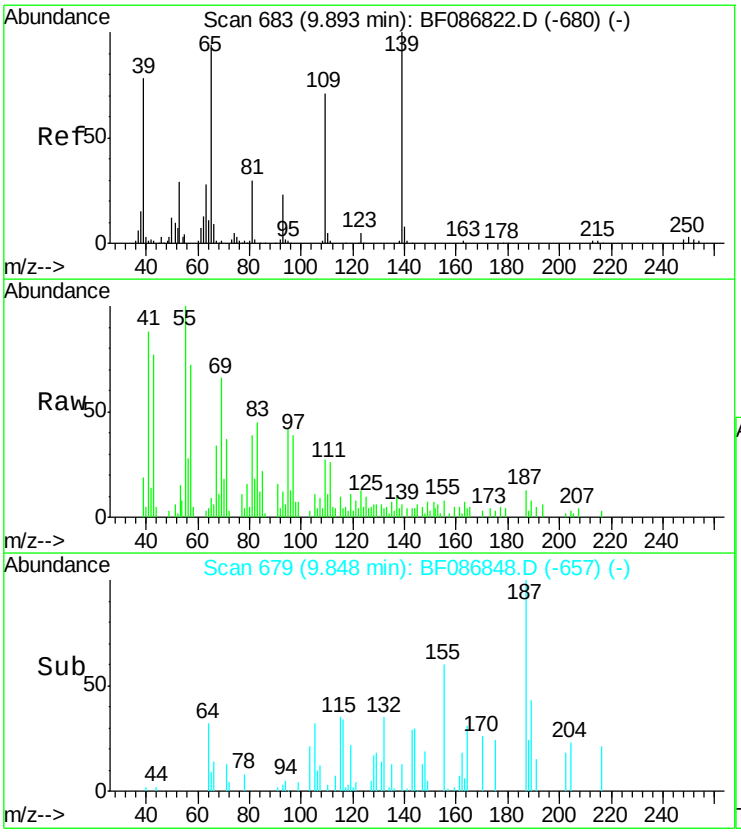
#49
Dimethylphthalate
Concen: 10.48 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Instrument :
BNA_F
ClientSampleId :
TP15-3-5FT

Tgt Ion:163 Resp: 240898

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	9.4	8.2	12.4

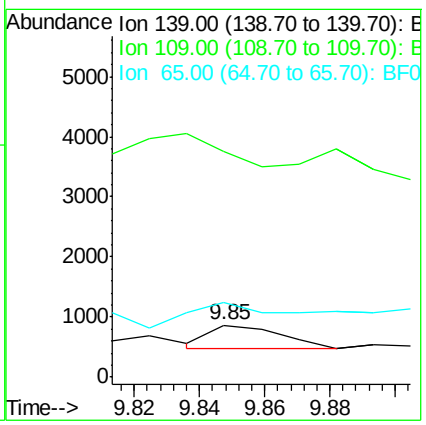


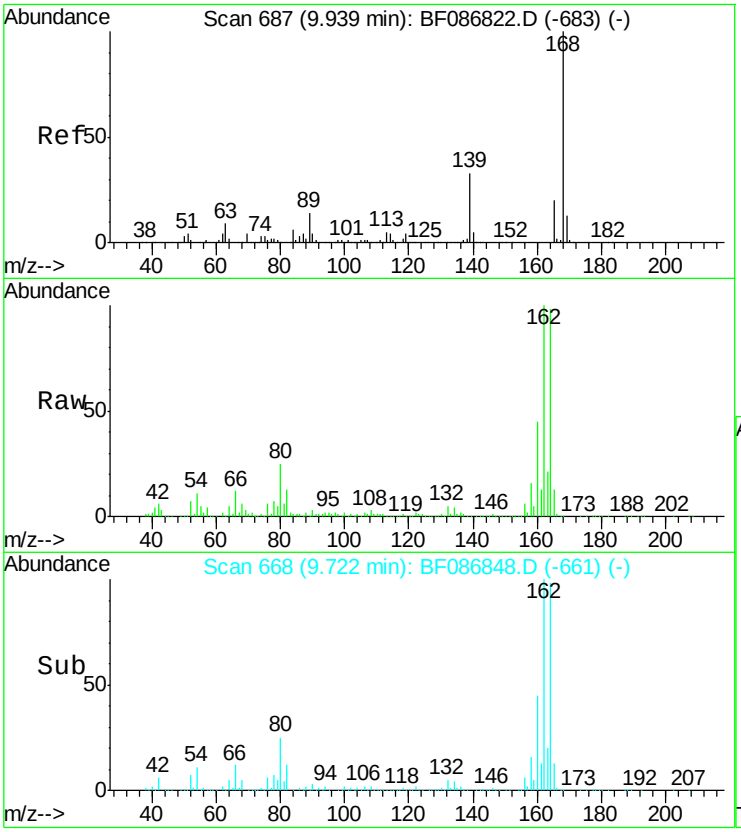


#55
4-Nitrophenol
Concen: 4.73 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Tgt Ion:139 Resp: 595

Ion	Ratio	Lower	Upper
139	100		
109	436.8	36.9	76.9#
65	144.5	64.0	104.0#



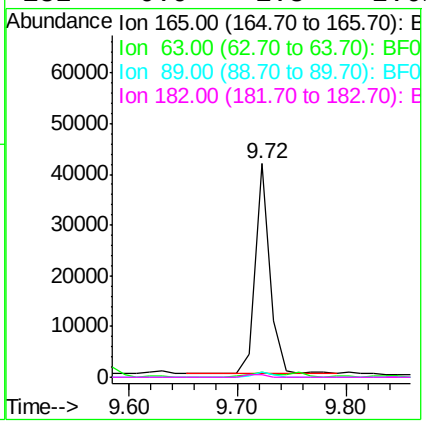


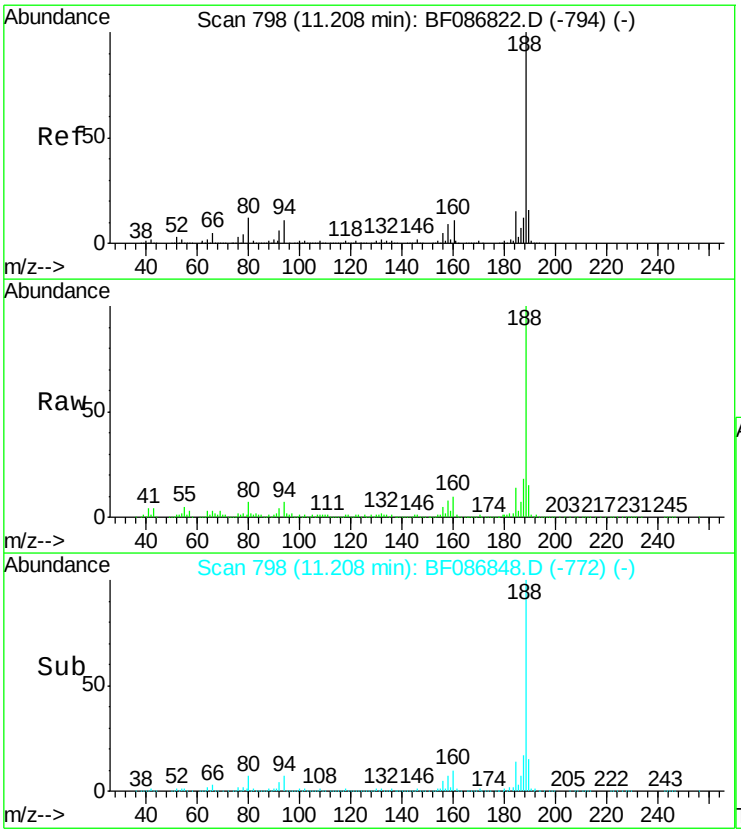
#56
2,4-Dinitrotoluene
Concen: 6.60 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.22 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Instrument :
BNA_F
ClientSampleId :
TP15-3-5FT

Tgt Ion:165 Resp: 39490

Ion	Ratio	Lower	Upper
165	100		
63	2.4	44.3	66.5#
89	2.4	70.0	105.0#
182	0.9	1.8	2.6#

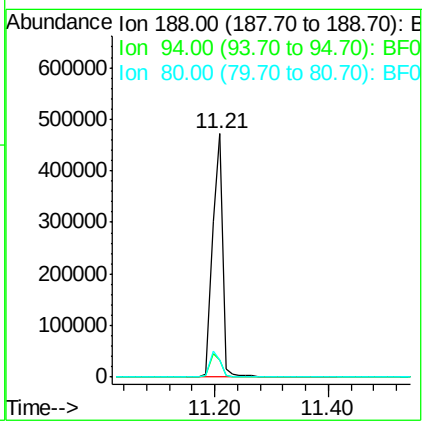


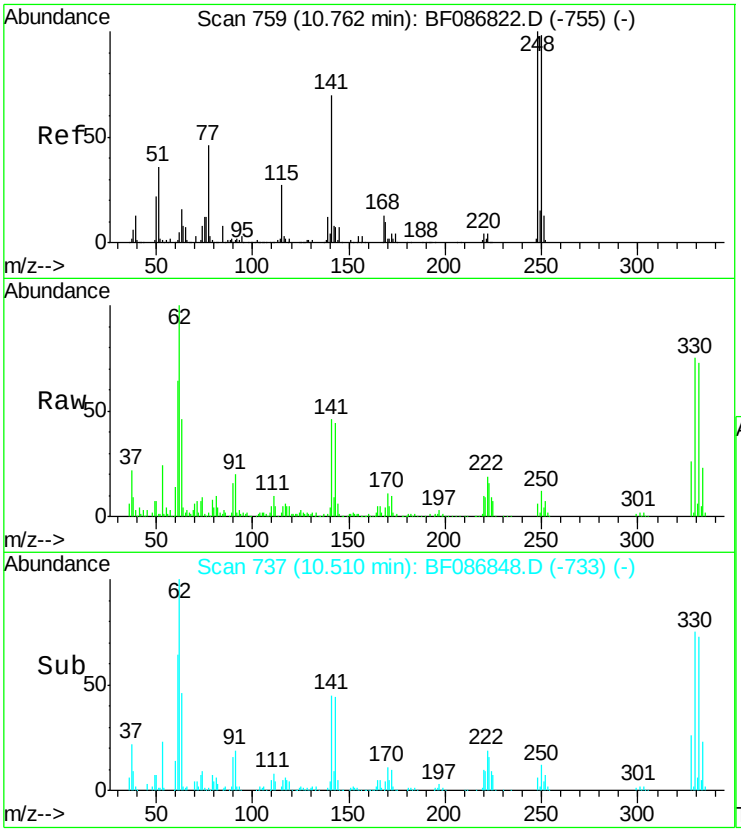


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Tgt Ion:188 Resp: 561368

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.8	10.2
80	7.1	7.1	10.7#



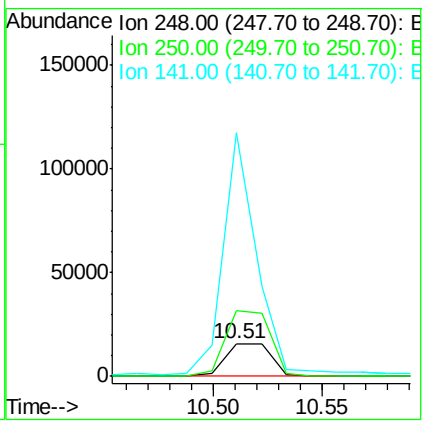


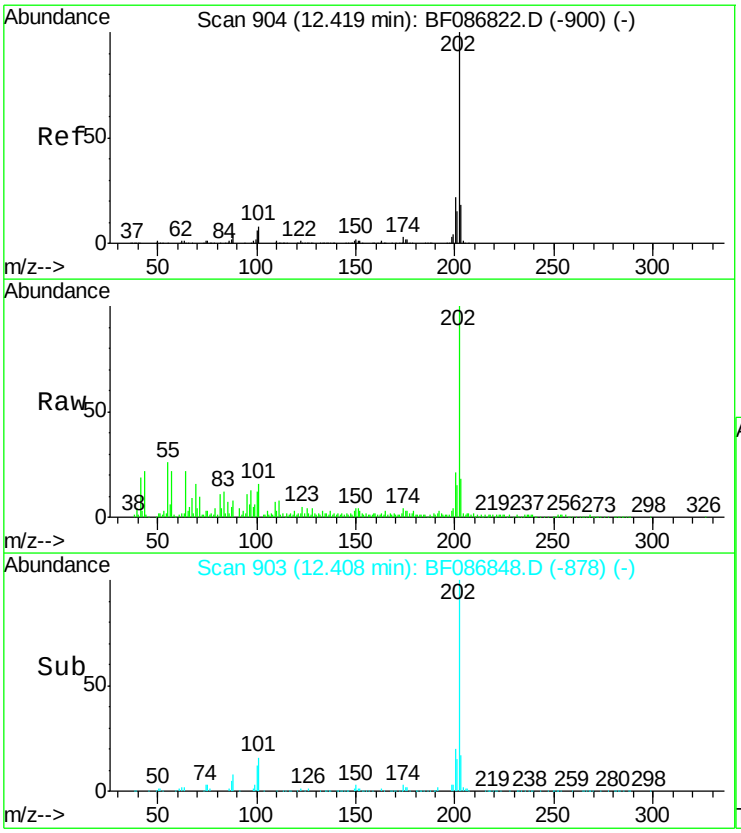
#66
4-Bromophenyl-phenylether
Concen: 3.99 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.25 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Instrument :
BNA_F
ClientSampleId :
TP15-3-5FT

Tgt Ion:248 Resp: 22696

Ion	Ratio	Lower	Upper
248	100		
250	197.6	78.6	117.8#
141	738.9	76.0	114.0#

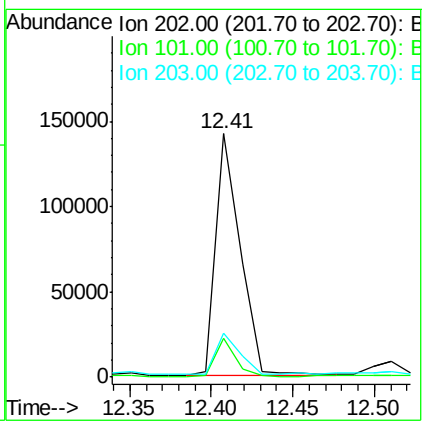


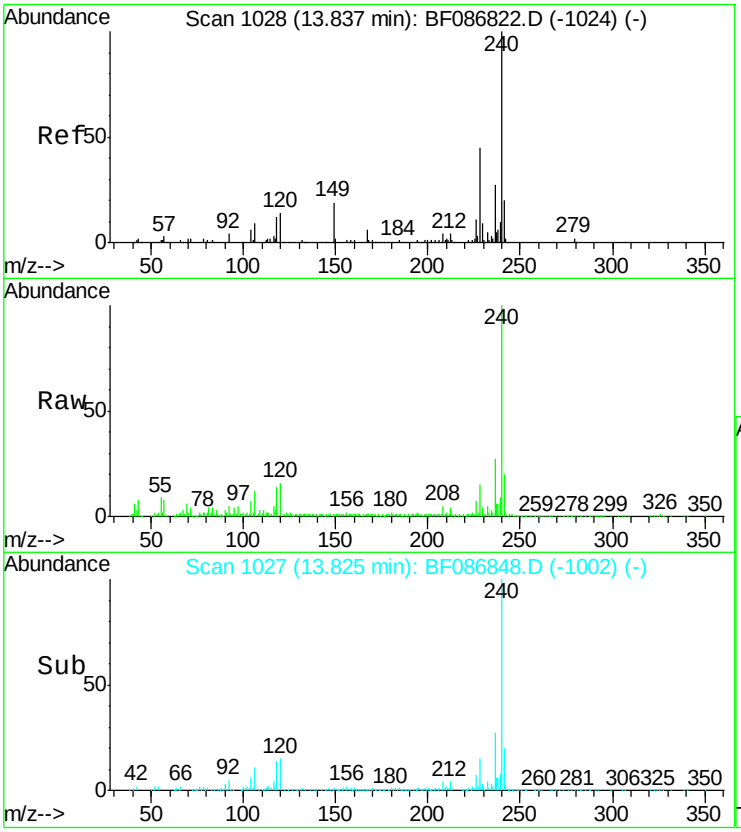


#74
Fluoranthene
Concen: 4.77 ng
RT: 12.41 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Tgt Ion:202 Resp: 147042

Ion	Ratio	Lower	Upper
202	100		
101	16.1	0.0	35.4
203	18.2	0.0	38.1



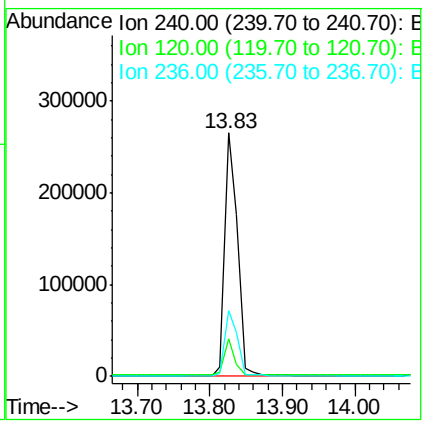


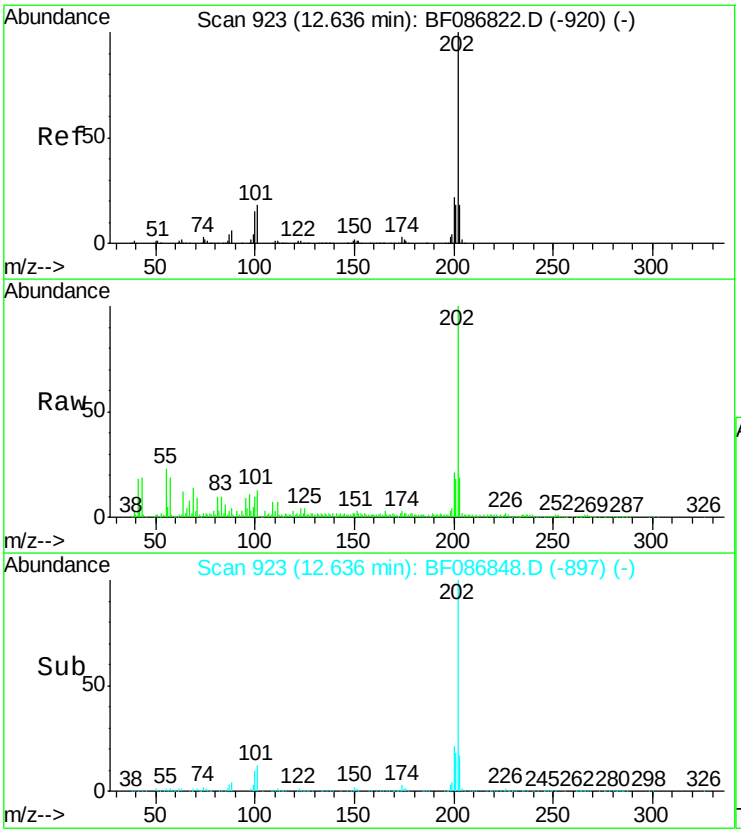
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Instrument :
BNA_F
ClientSampleId :
TP15-3-5FT

Tgt Ion:240 Resp: 323873

Ion	Ratio	Lower	Upper
240	100		
120	15.6	11.2	16.8
236	27.2	21.2	31.8

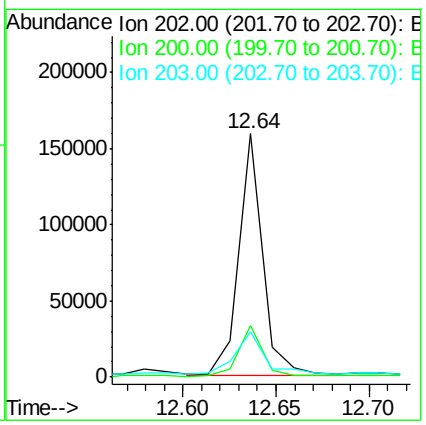


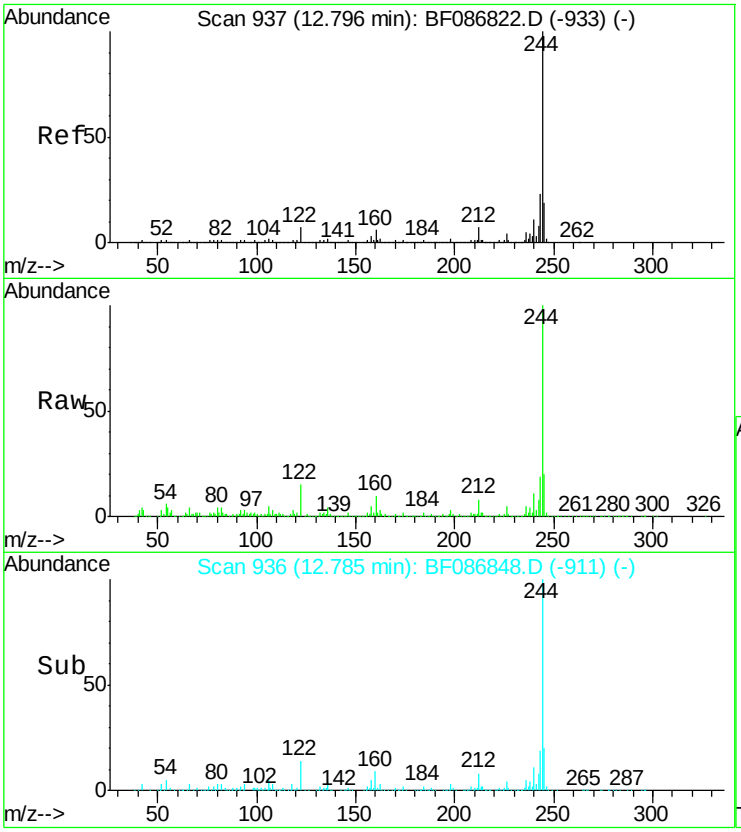


#77
Pyrene
Concen: 5.69 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Tgt Ion:202 Resp: 141101

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.7	26.5
203	18.5	14.2	21.4



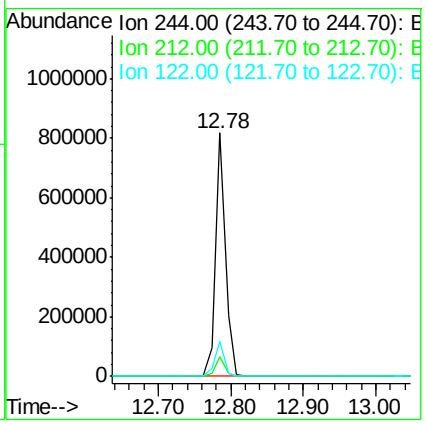


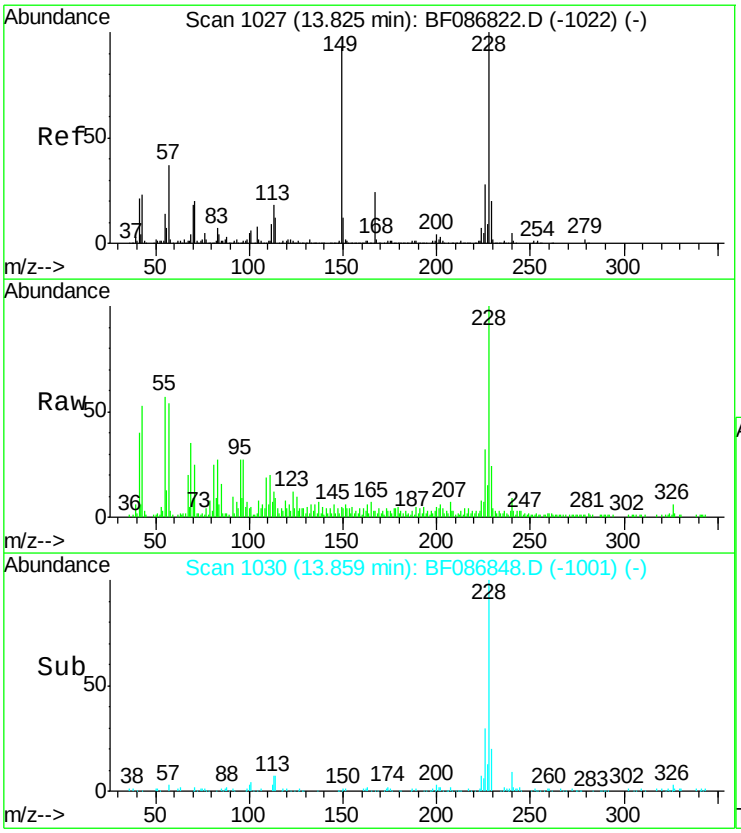
#78
Terphenyl-d14
Concen: 51.30 ng
RT: 12.78 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Instrument :
BNA_F
ClientSampleId :
TP15-3-5FT

Tgt Ion:244 Resp: 783024

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	14.6	12.0	18.0

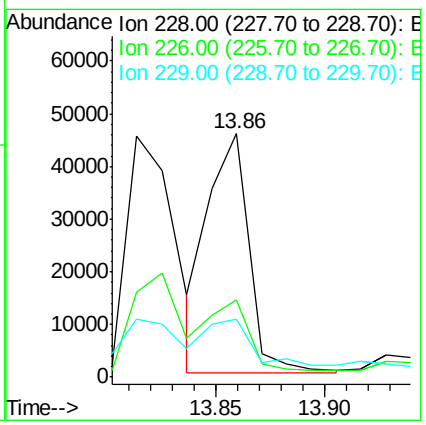


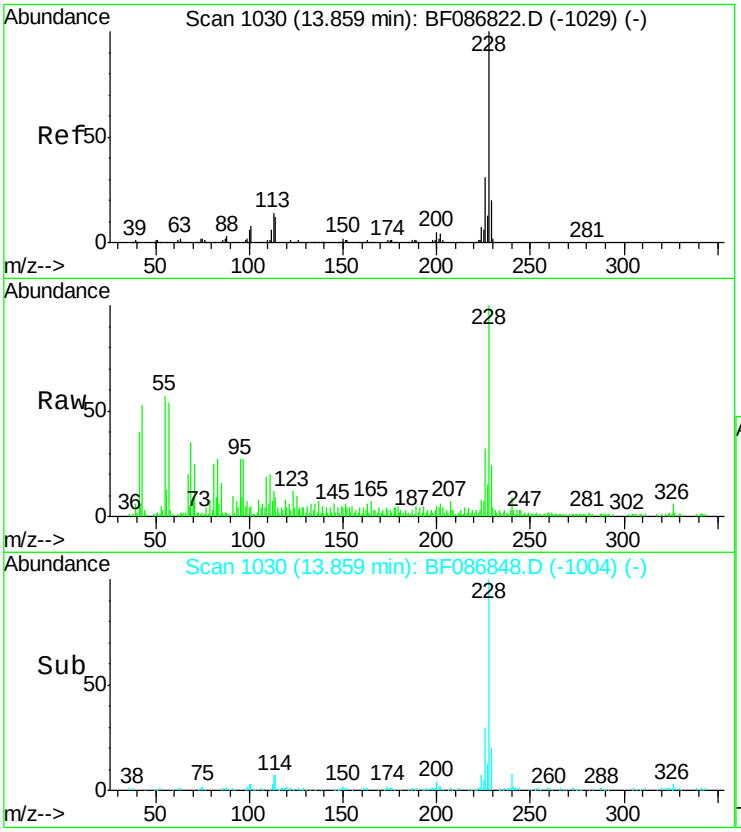


#80
Benzo(a)anthracene
Concen: 3.31 ng
RT: 13.86 min Scan# 1030
Delta R.T. 0.03 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Tgt Ion:228 Resp: 60139

Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.5	33.7
229	23.7	16.6	25.0



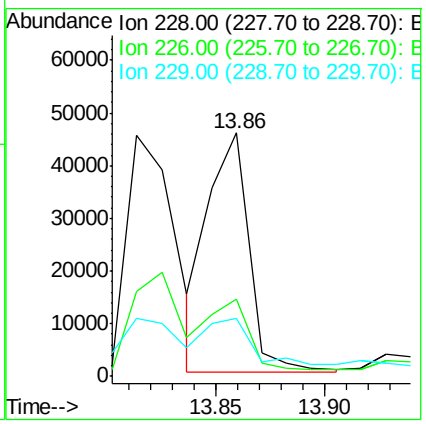


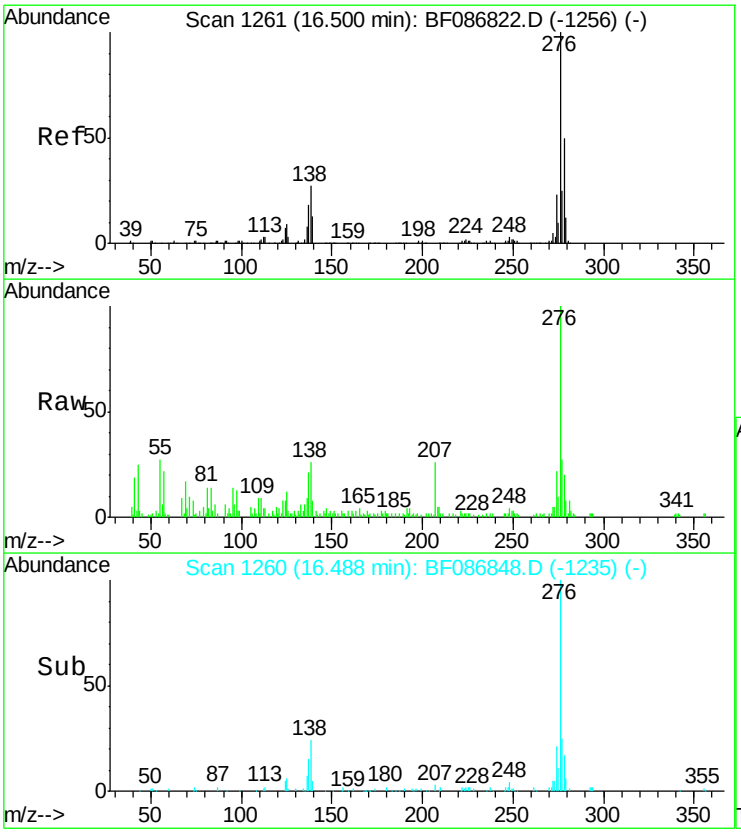
#82
Chrysene
Concen: 3.24 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Instrument :
BNA_F
ClientSampleId :
TP15-3-5FT

Tgt Ion:228 Resp: 59906

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.4	36.6
229	23.7	15.8	23.8

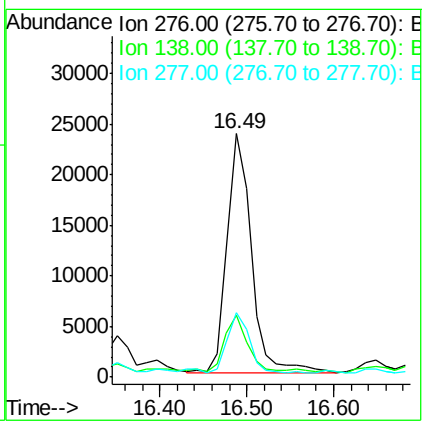


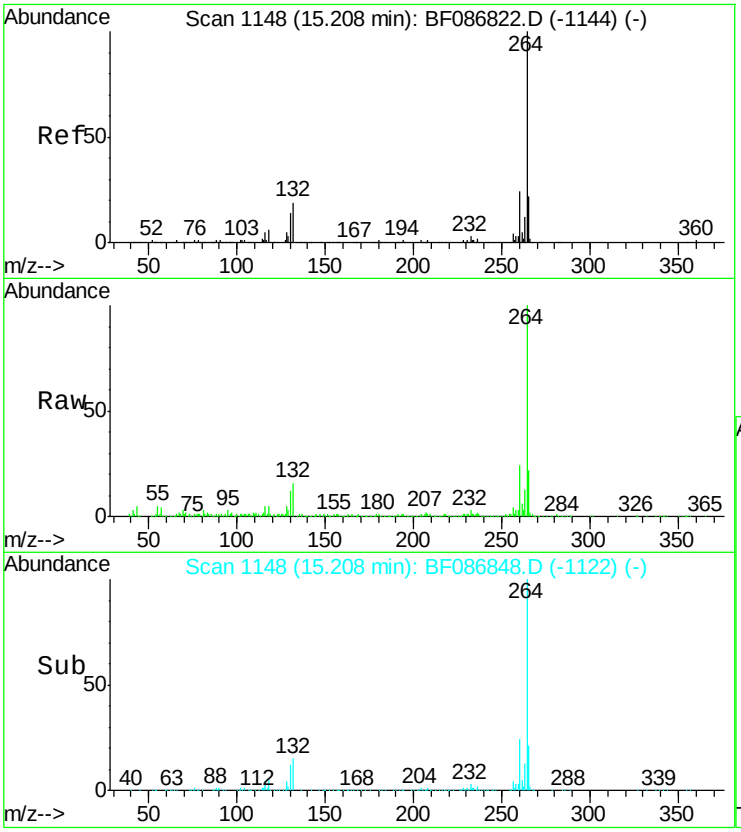


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.98 ng
RT: 16.49 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Tgt Ion:276 Resp: 45877

Ion	Ratio	Lower	Upper
276	100		
138	20.7	25.6	38.4#
277	23.3	20.5	30.7



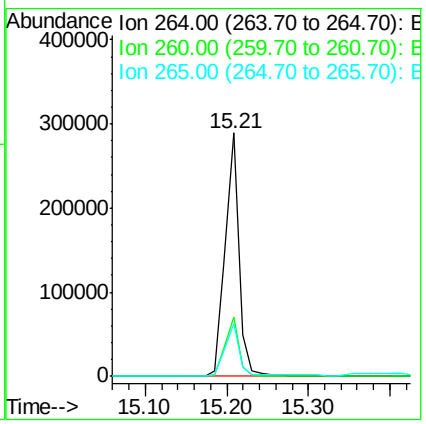


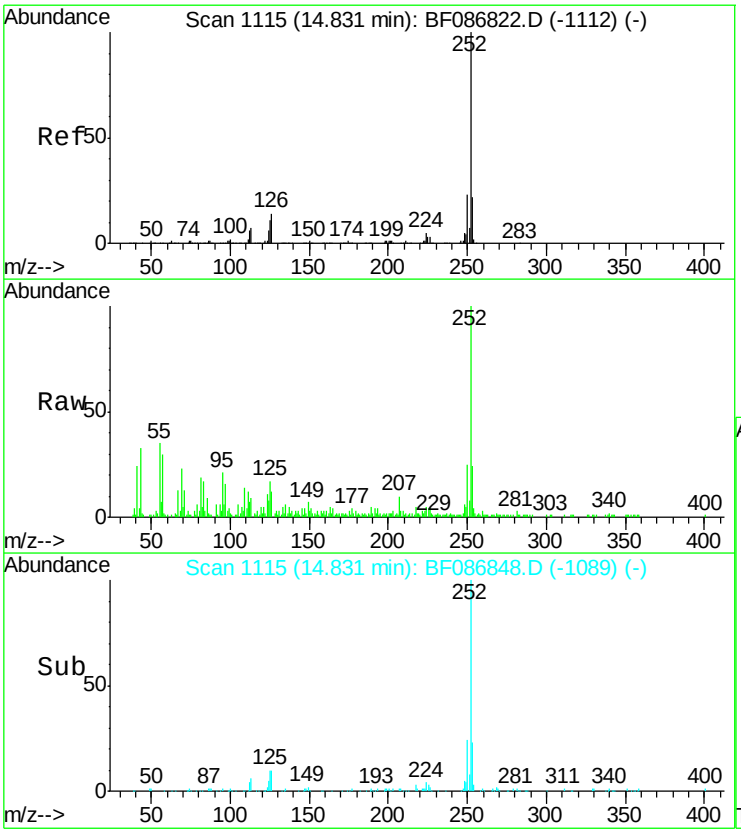
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Instrument :
BNA_F
ClientSampleId :
TP15-3-5FT

Tgt Ion:264 Resp: 340784

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.6	17.3	25.9

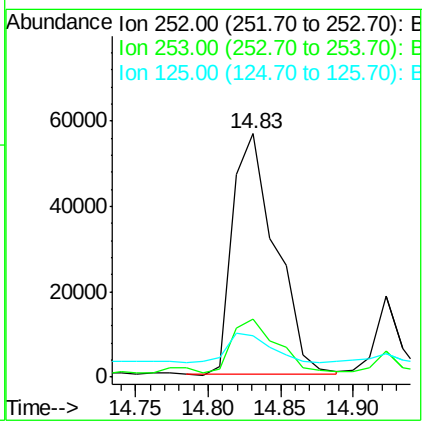


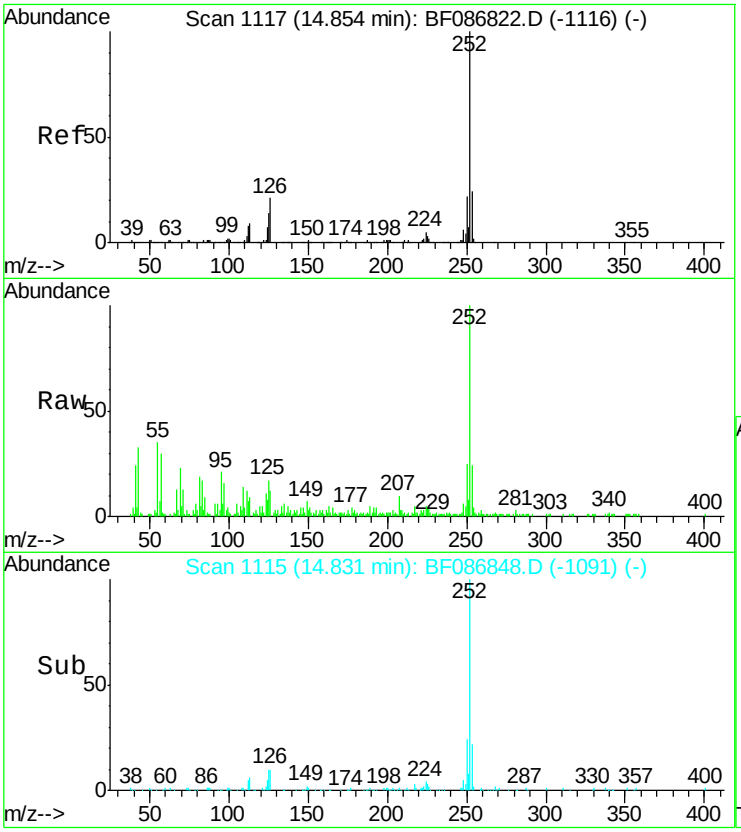


#87
Benzo(b)fluoranthene
Concen: 5.20 ng
RT: 14.83 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Tgt Ion:252 Resp: 115154

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	17.0	11.4	17.0



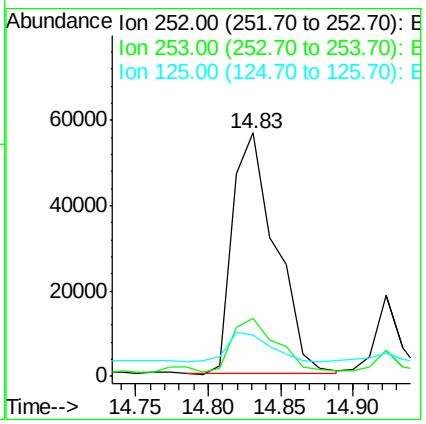


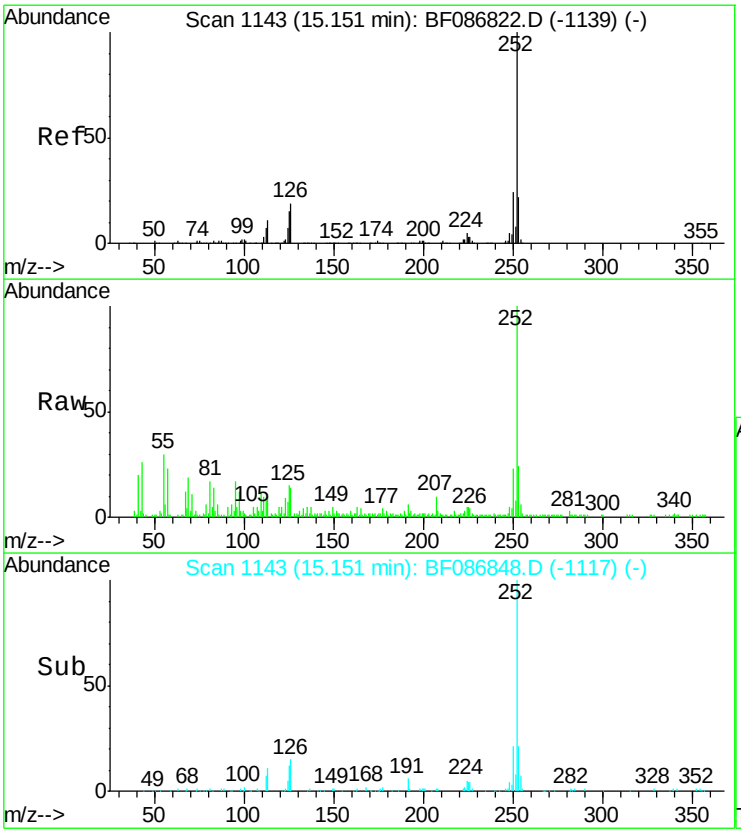
#88
Benzo(k)fluoranthene
Concen: 6.35 ng
RT: 14.83 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Instrument :
BNA_F
ClientSampleId :
TP15-3-5FT

Tgt Ion:252 Resp: 115082

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	17.0	9.1	13.7#

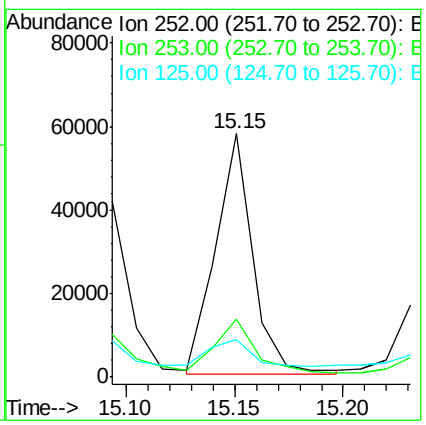


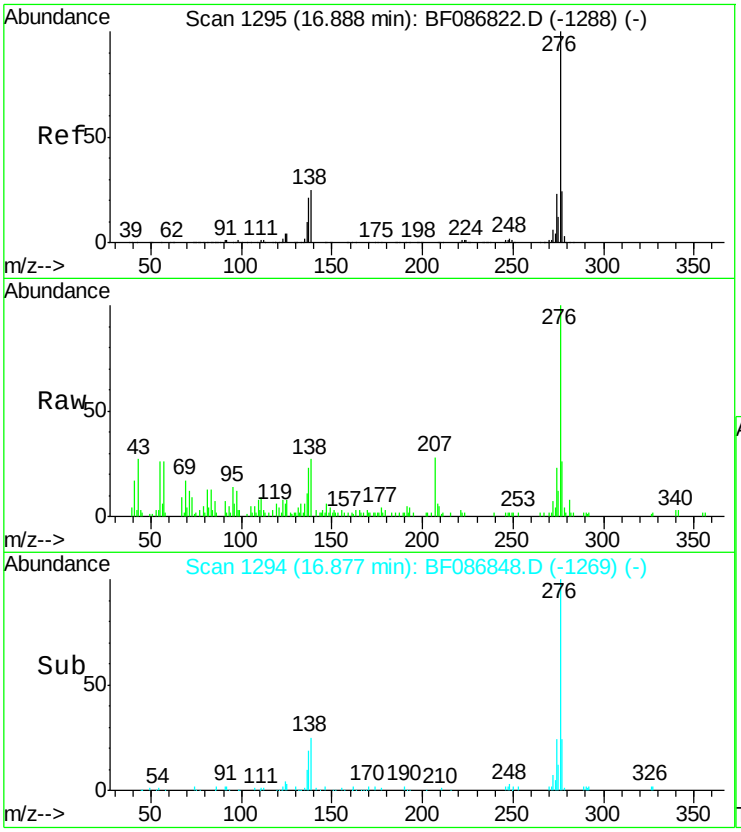


#89
Benzo(a)pyrene
Concen: 3.57 ng
RT: 15.15 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Tgt Ion:252 Resp: 68244

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	15.3	9.0	13.6#





#91
Benzo(g,h,i)perylene
Concen: 2.53 ng
RT: 16.88 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF086848.D
Acq: 10 May 2016 4:16

Instrument :
BNA_F
ClientSampleId :
TP15-3-5FT

Tgt Ion:276 Resp: 41314

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.6	29.4
138	26.9	23.6	35.4