Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085861.D
Acq On : 29 Mar 2016 21:01
Operator : UM/SJ
Sample : H1970-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Time: Mar 29 23:53:00 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	109612	20.00	ng		-0.02
21) Naphthalene-d8	8.09	136	439640	20.00	ng		-0.02
38) Acenaphthene-d10	9.84	164	202934	20.00	ng		-0.02
63) Phenanthrene-d10	11.33	188	376528	20.00	ng		-0.02
75) Chrysene-d12	13.97	240	222223	20.00	ng		-0.01
86) Perylene-d12	15.37	264	207897	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	780882	118.65	ng		0.00
7) Phenol-d6	6.45	99	1037886	124.03	ng		-0.01
23) Nitrobenzene-d5	7.37	82	616457	78.96	ng		-0.02
41) 2,4,6-Tribromophenol	10.63	330	195384	101.33	ng		-0.02
44) 2-Fluorobiphenyl	9.17	172	673007	55.41	ng		-0.02
78) Terphenyl-d14	12.90	244	432713	40.05	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	81734	16.31	ng	#	77
25) Isophorone	7.37	82	468380	31.14	ng	#	68
37) 2-Methylnaphthalene	8.90	142	1022	Below Cal			92
49) Dimethylphthalate	9.57	163	222688	14.46	ng		99
56) 2,4-Dinitrotoluene	9.84	165	25604	6.08	ng	#	37
66) 4-Bromophenyl-phenylether	10.63	248	12787	3.32	ng	#	1
70) Phenanthrene	11.35	178	115961	6.00	ng		98
74) Fluoranthene	12.54	202	183572	8.93	ng		91
77) Pyrene	12.77	202	148014	8.10	ng		99
80) Benzo(a)anthracene	13.96	228	57935	4.57	ng		98
82) Chrysene	13.96	228	57935	4.54	ng		97
83) Bis(2-ethylhexyl)phthalate	13.98	149	153524	16.76	ng	#	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	32702	3.32	ng		97
87) Benzo(b)fluoranthene	14.97	252	84158	6.43	ng		95
88) Benzo(k)fluoranthene	14.97	252	84158	7.13	ng	#	93
89) Benzo(a)pyrene	15.32	252	42409	3.65	ng	#	94
91) Benzo(g,h,i)perylene	17.17	276	30325	2.77	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085861.D
Acq On : 29 Mar 2016 21:01
Operator : UM/SJ
Sample : H1970-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Time: Mar 29 23:53:00 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
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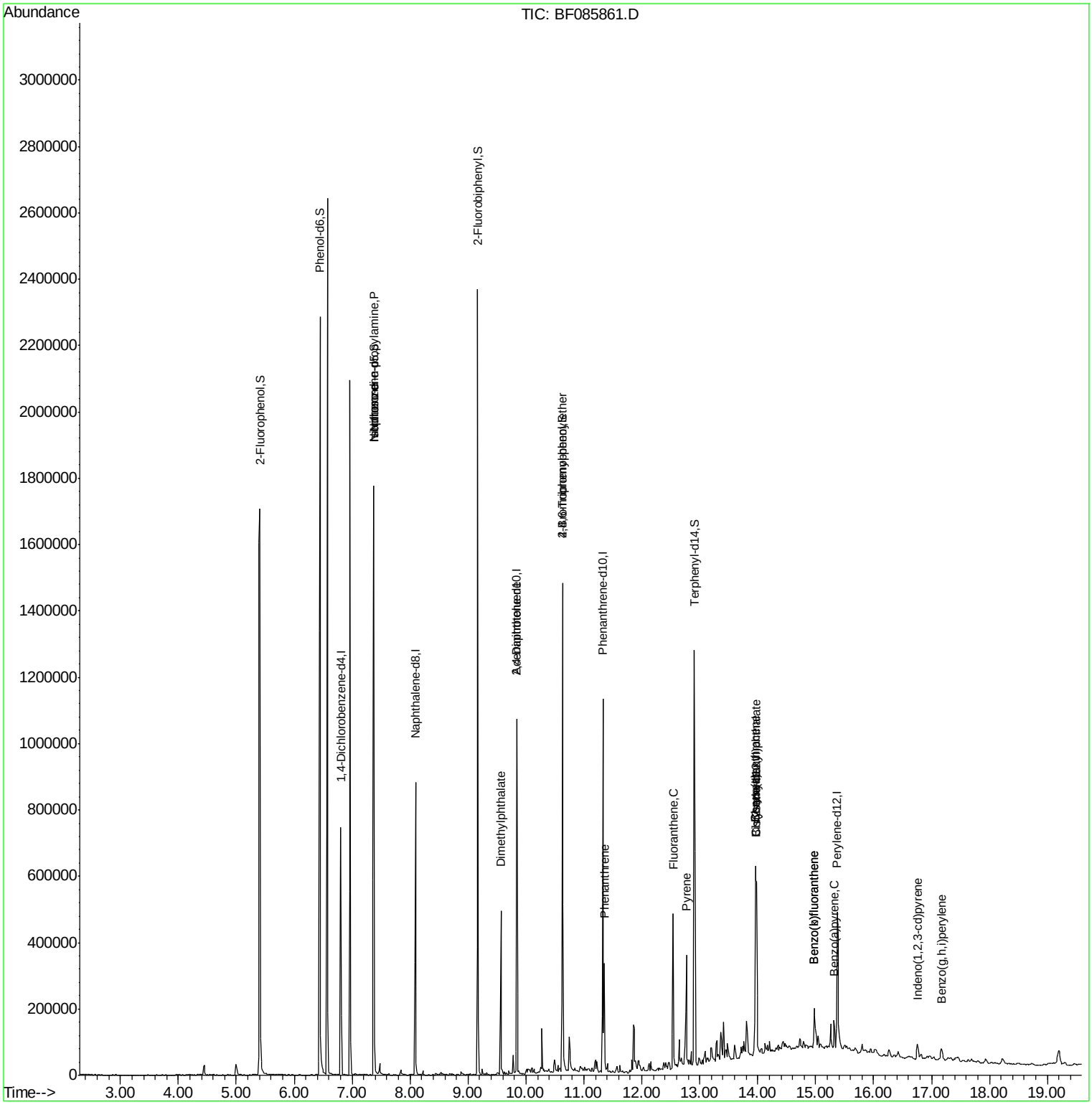
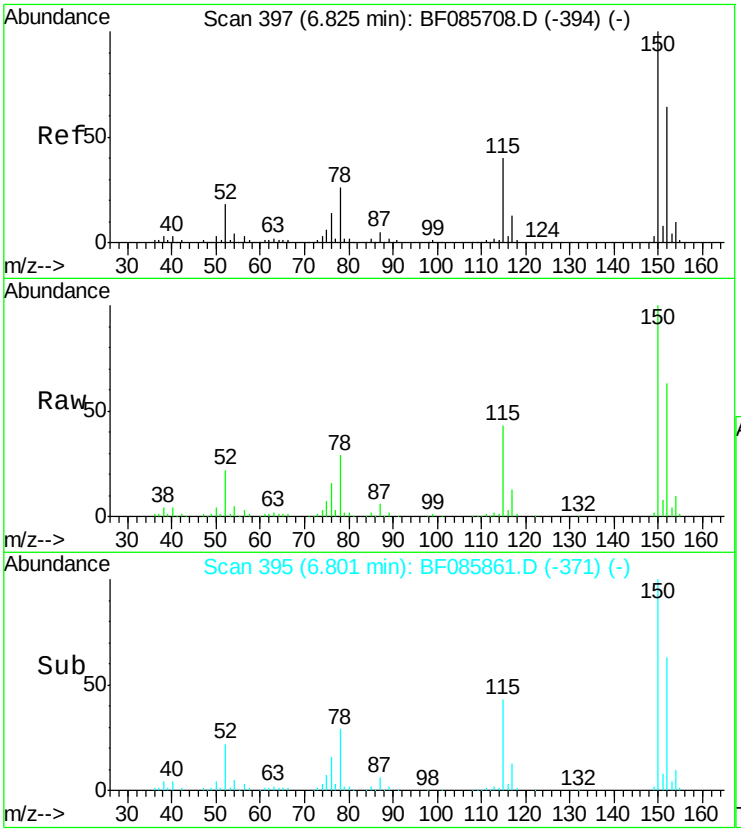


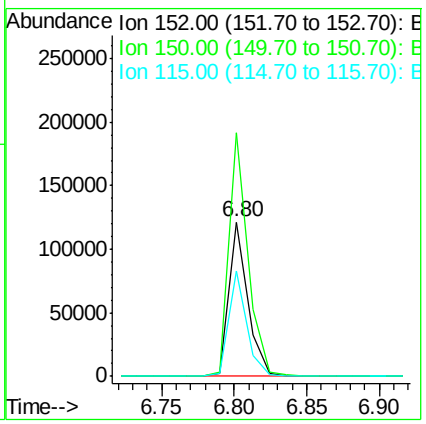


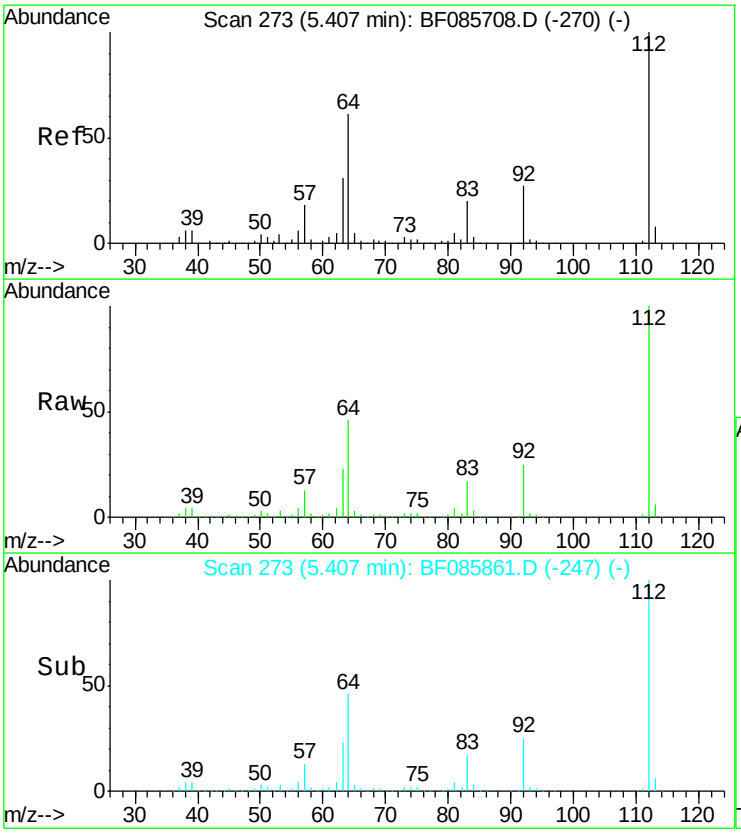
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 109612

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.2	186.2
115	68.3	47.0	70.6

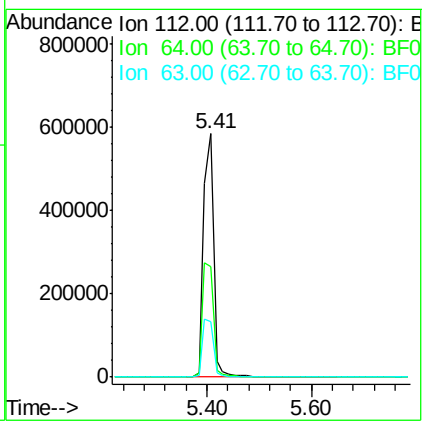


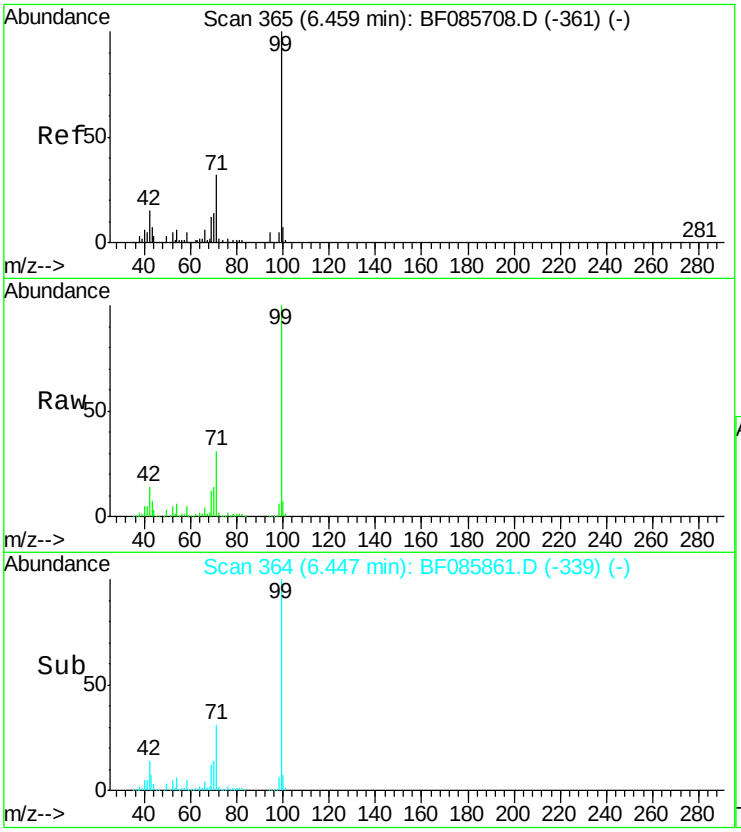


#5
2-Fluorophenol
Concen: 118.65 ng
RT: 5.41 min Scan# 273
Delta R.T. 0.00 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Tgt Ion:112 Resp: 780882

Ion	Ratio	Lower	Upper
112	100		
64	45.5	39.9	59.9
63	23.0	20.2	30.2



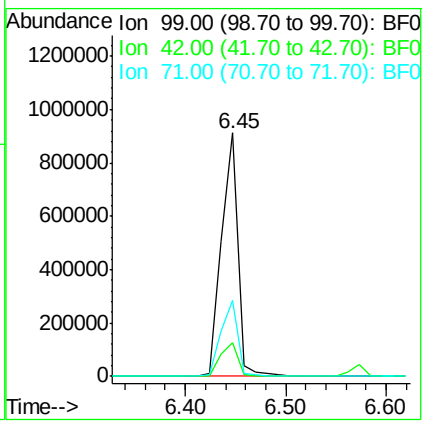


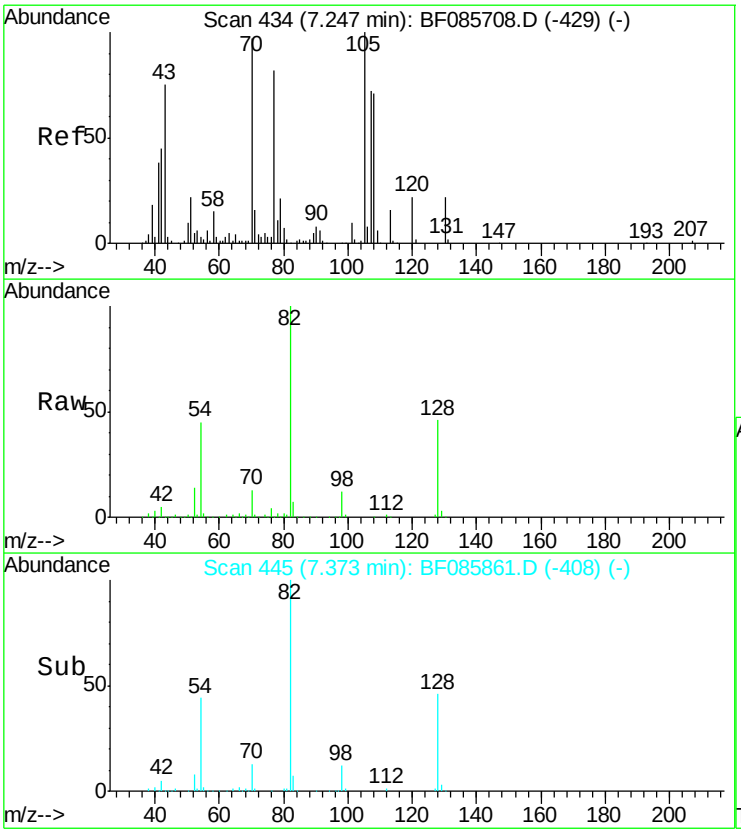
#7
Phenol-d6
Concen: 124.03 ng
RT: 6.45 min Scan# 364
Delta R.T. -0.01 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion: 99 Resp: 1037886

Ion	Ratio	Lower	Upper
99	100		
42	13.8	11.1	16.7
71	31.5	24.9	37.3

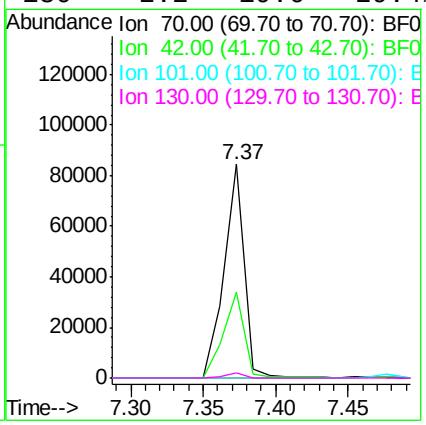


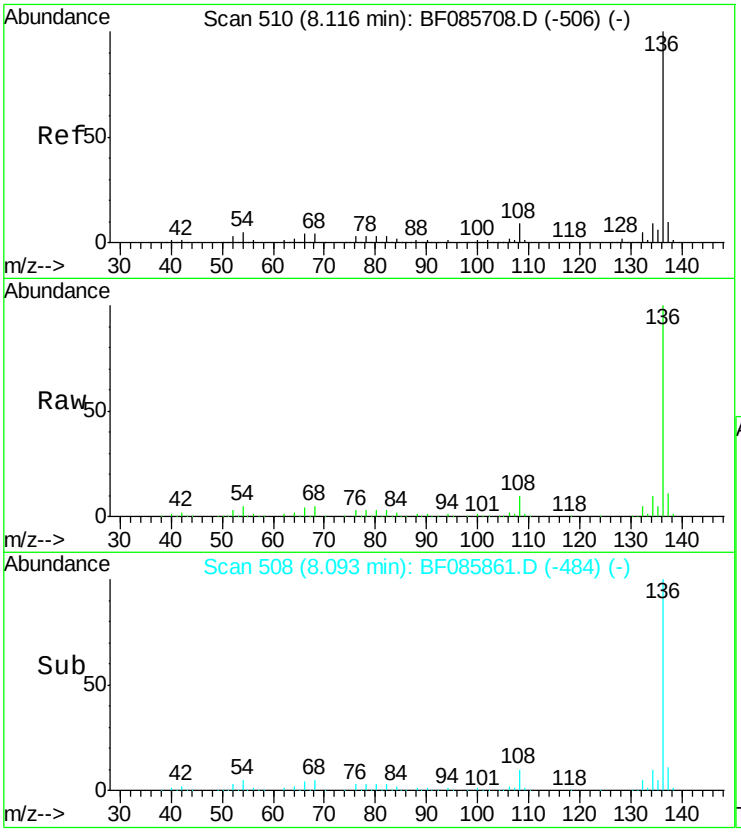


#19
n-Nitroso-di-n-propylamine
Concen: 16.31 ng
RT: 7.37 min Scan# 445
Delta R.T. 0.13 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Tgt Ion: 70 Resp: 81734

Ion	Ratio	Lower	Upper
70	100		
42	40.0	37.1	55.7
101	0.0	8.6	12.8#
130	2.2	19.6	29.4#



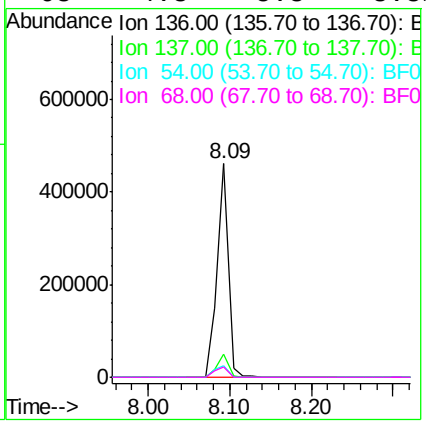


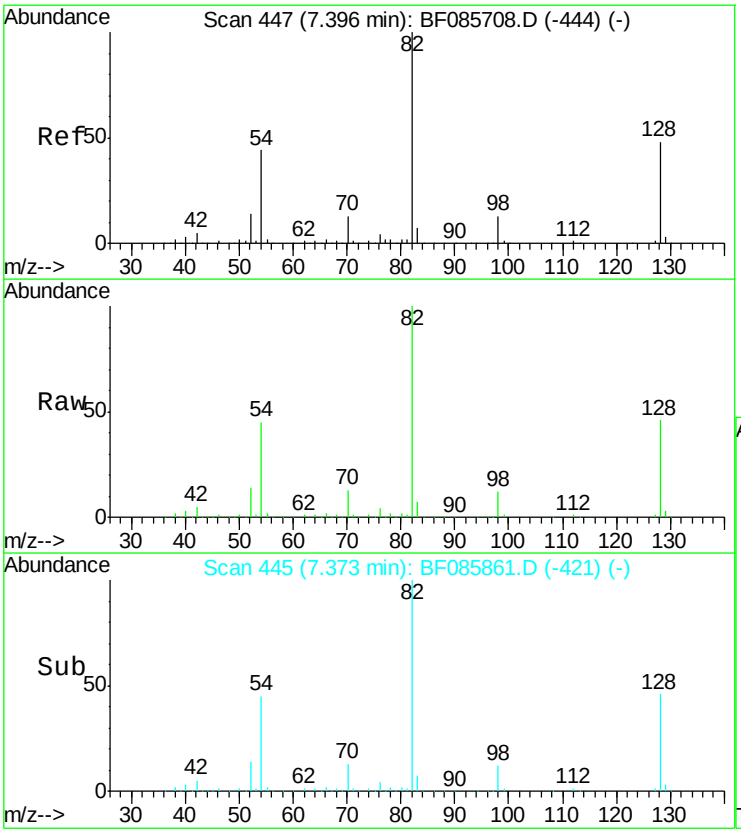
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:136 Resp: 439640

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	5.5	7.4	11.0#
68	4.8	5.8	8.8#

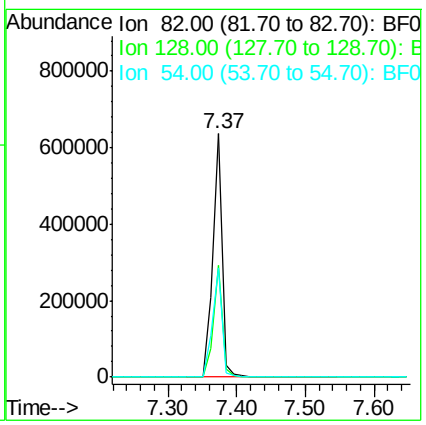


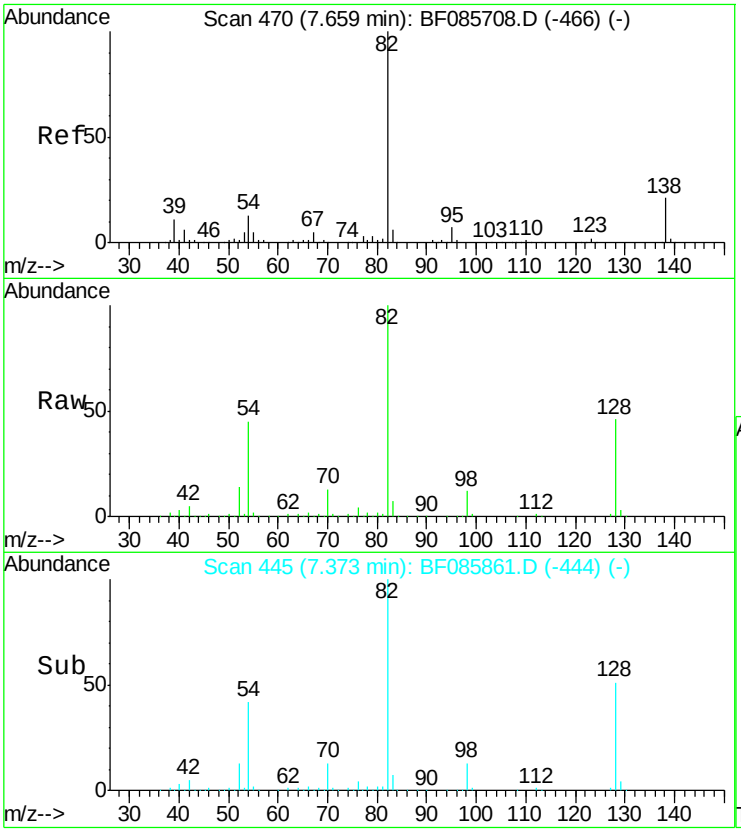


#23
Nitrobenzene-d5
Concen: 78.96 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Tgt Ion: 82 Resp: 616457

Ion	Ratio	Lower	Upper
82	100		
128	45.9	41.8	62.8
54	45.1	33.4	50.0



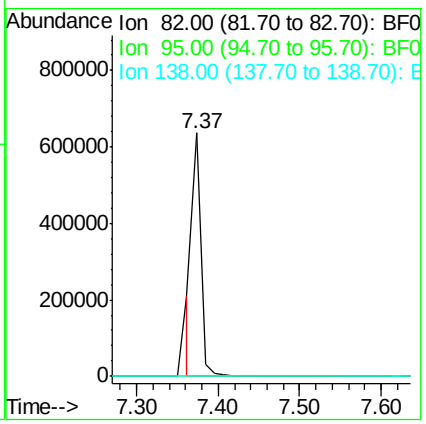


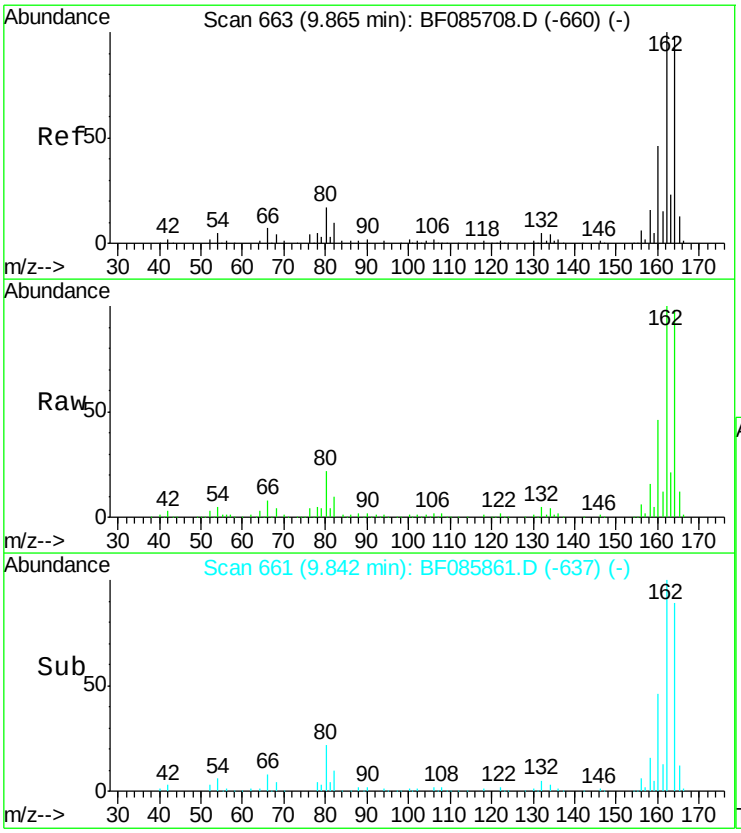
#25
Isophorone
Concen: 31.14 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.29 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion: 82 Resp: 468380

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#

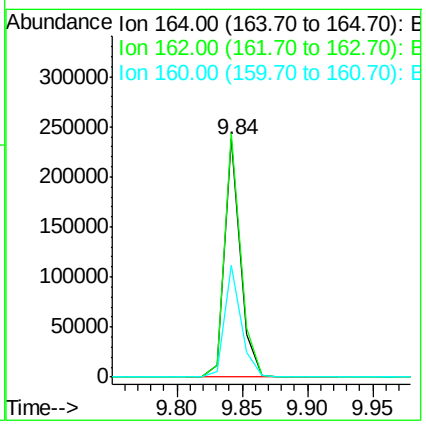


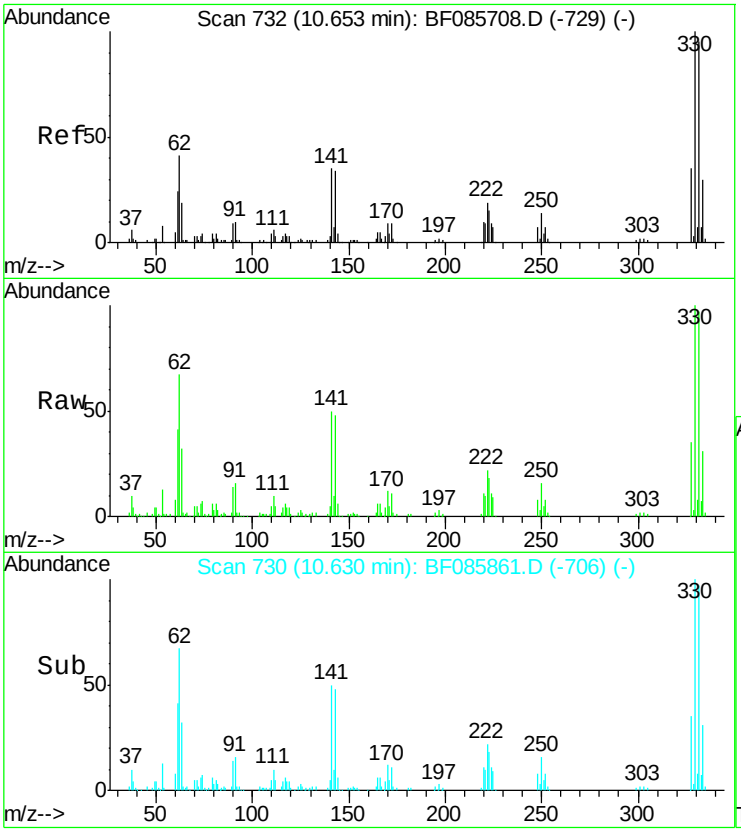


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Tgt Ion:164 Resp: 202934

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.1	123.1
160	46.9	37.4	56.2



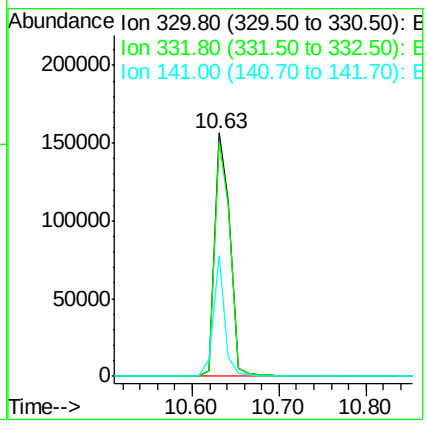


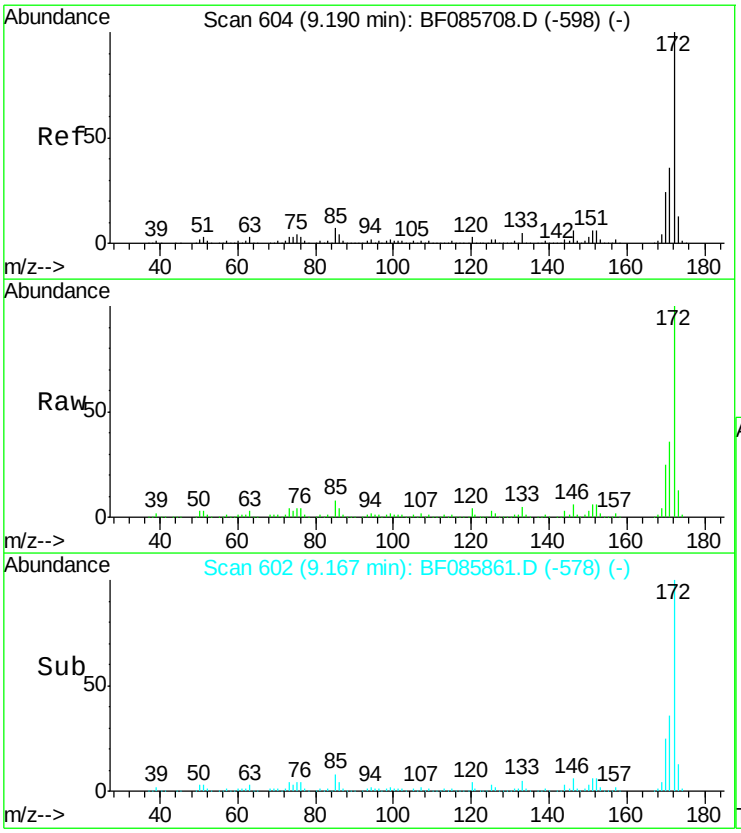
#41
2,4,6-Tribromophenol
Concen: 101.33 ng
RT: 10.63 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:330 Resp: 195384

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.2	117.2
141	37.2	31.5	47.3

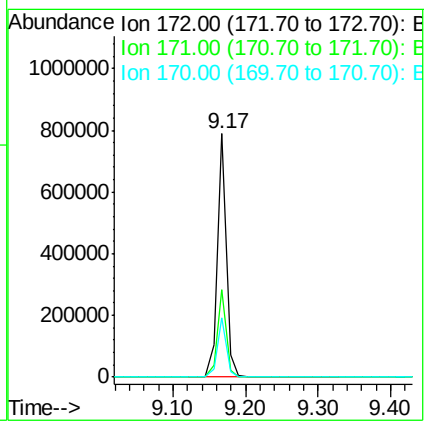


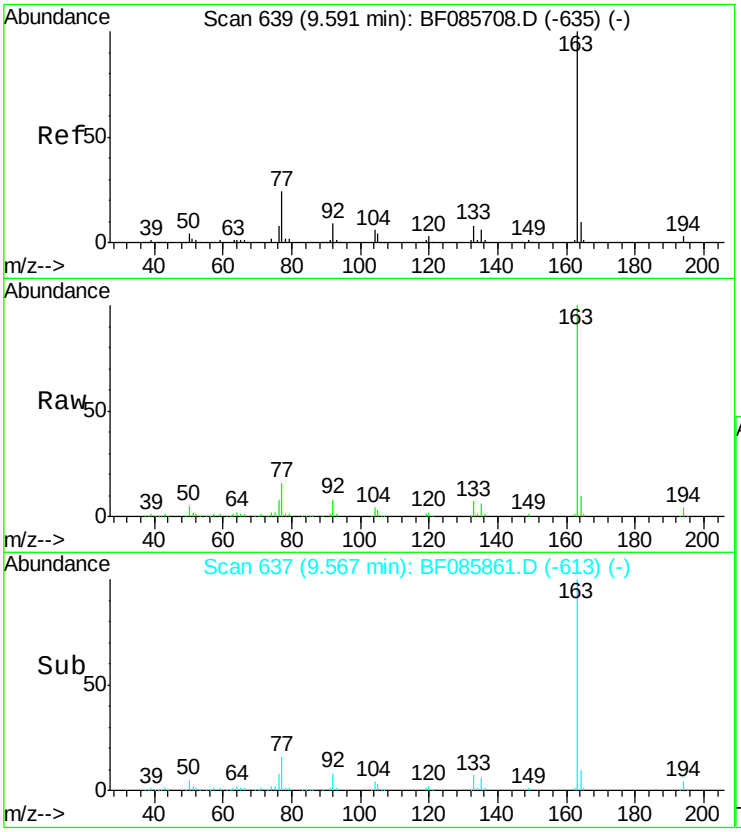


#44
2-Fluorobiphenyl
Concen: 55.41 ng
RT: 9.17 min Scan# 602
Delta R.T. -0.02 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Tgt Ion:172 Resp: 673007

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.2
170	24.5	19.8	29.6



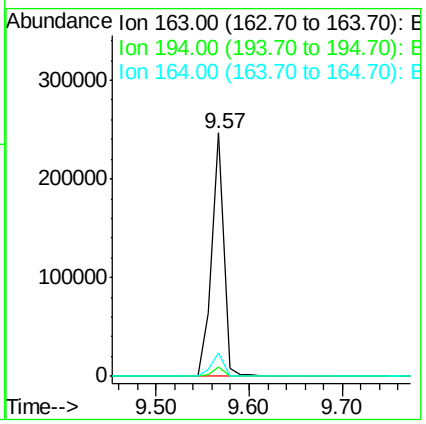


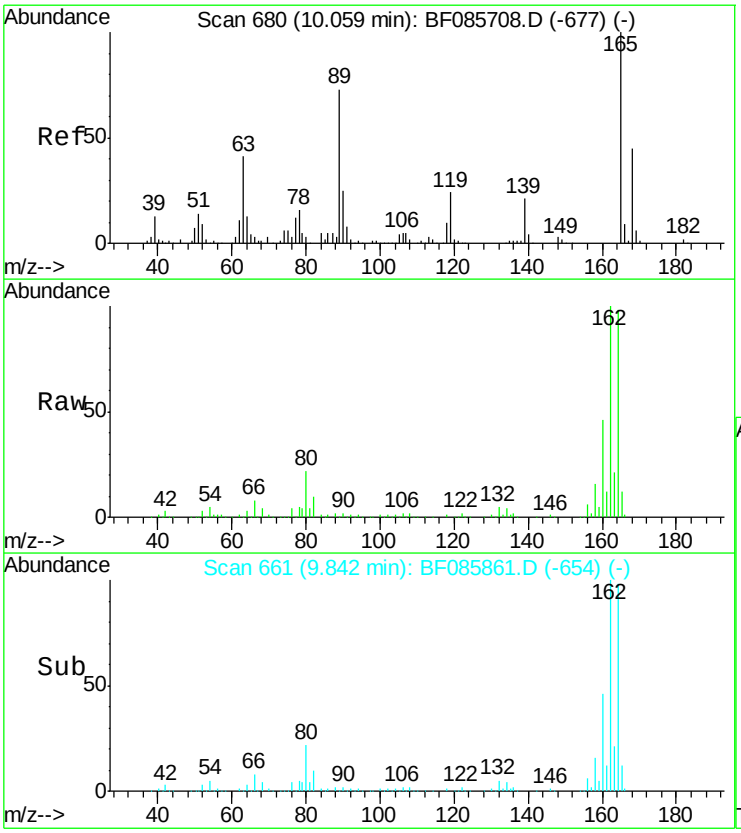
#49
Dimethylphthalate
Concen: 14.46 ng
RT: 9.57 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:163 Resp: 222688

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.9	4.3
164	9.7	8.3	12.5

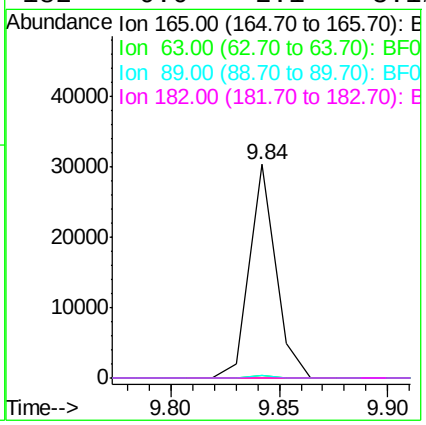


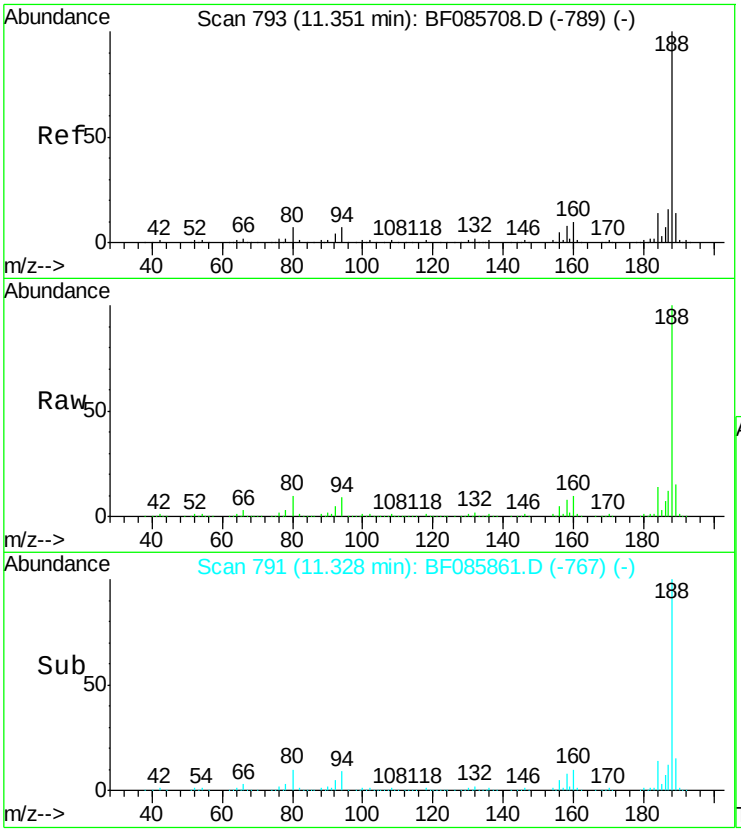


#56
2,4-Dinitrotoluene
Concen: 6.08 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.22 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Tgt Ion:165 Resp: 25604

Ion	Ratio	Lower	Upper
165	100		
63	1.3	24.9	37.3#
89	1.4	41.0	61.6#
182	0.0	2.1	3.1#



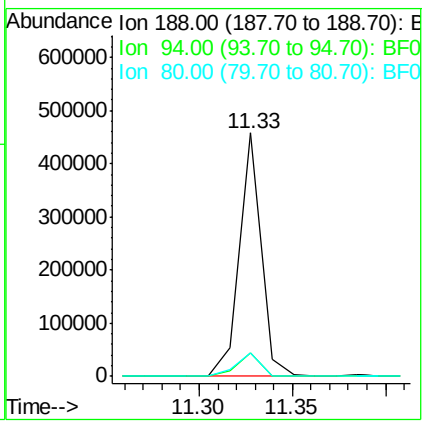


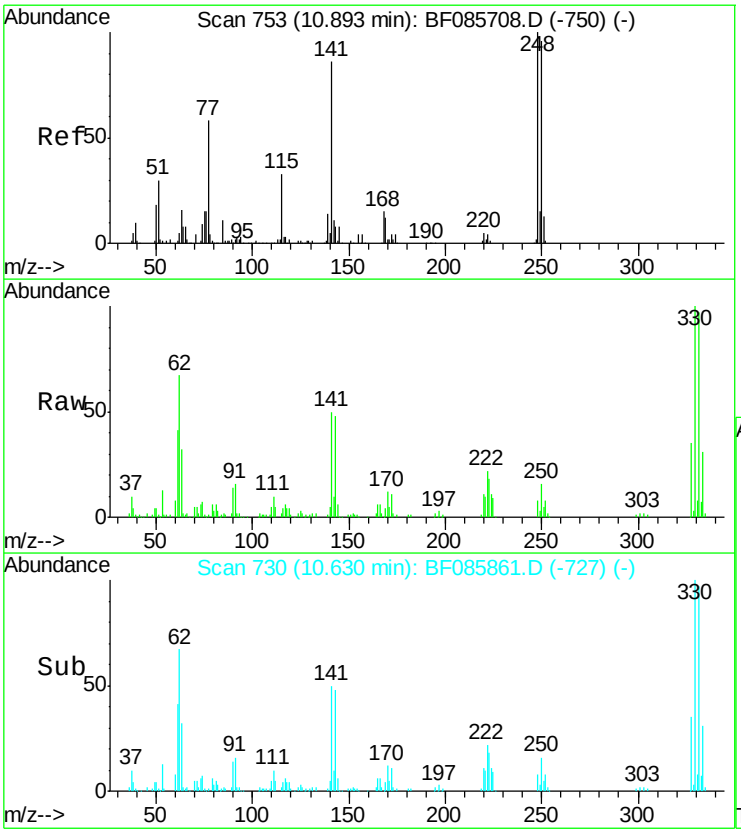
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:188 Resp: 376528

Ion	Ratio	Lower	Upper
188	100		
94	9.4	5.4	8.0#
80	9.8	5.5	8.3#

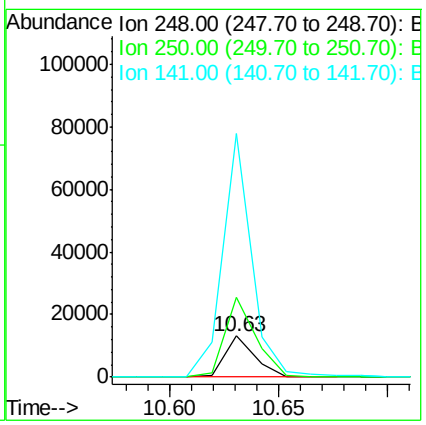


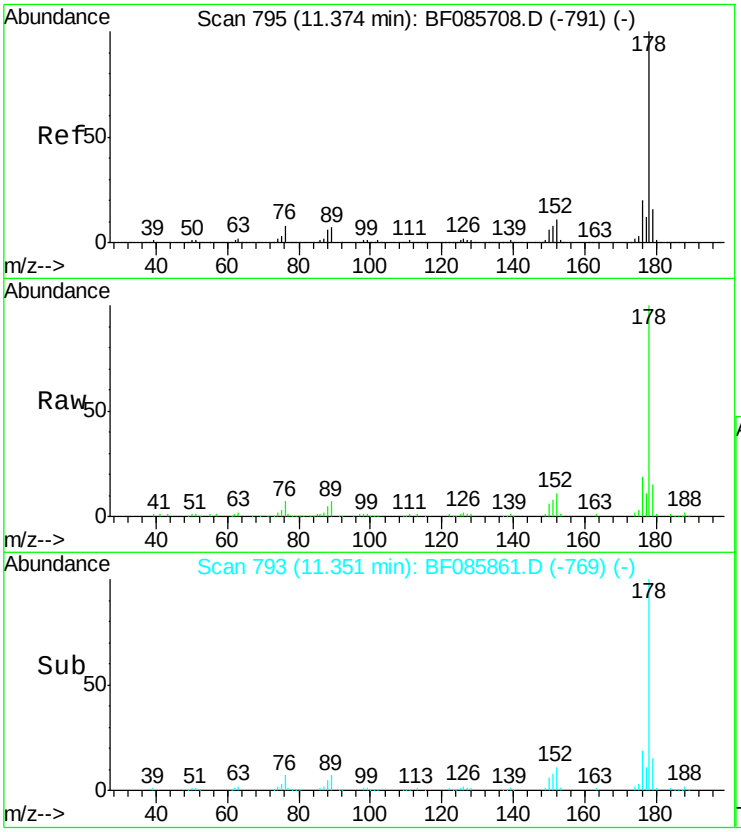


#66
4-Bromophenyl-phenylether
Concen: 3.32 ng
RT: 10.63 min Scan# 730
Delta R.T. -0.26 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Tgt Ion:248 Resp: 12787

Ion	Ratio	Lower	Upper
248	100		
250	194.6	77.4	116.0#
141	589.4	63.6	95.4#



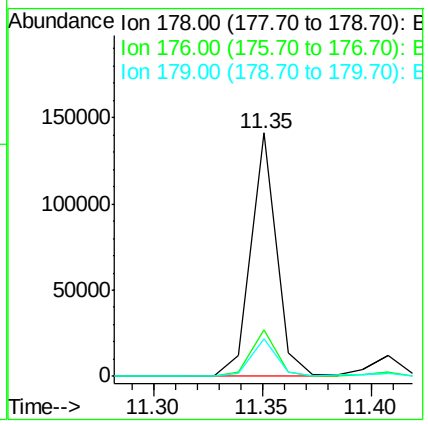


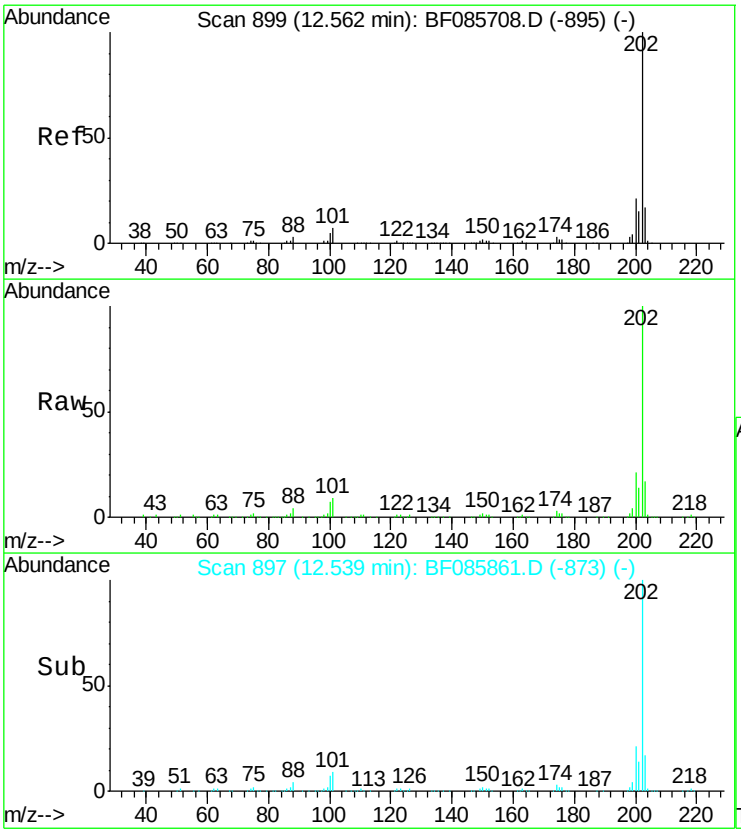
#70
Phenanthrene
Concen: 6.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.02 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:178 Resp: 115961

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.3	24.5
179	15.4	12.6	18.8

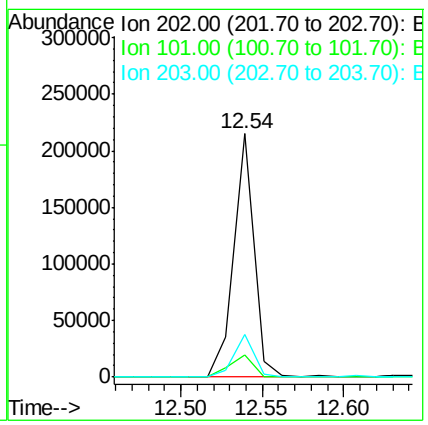


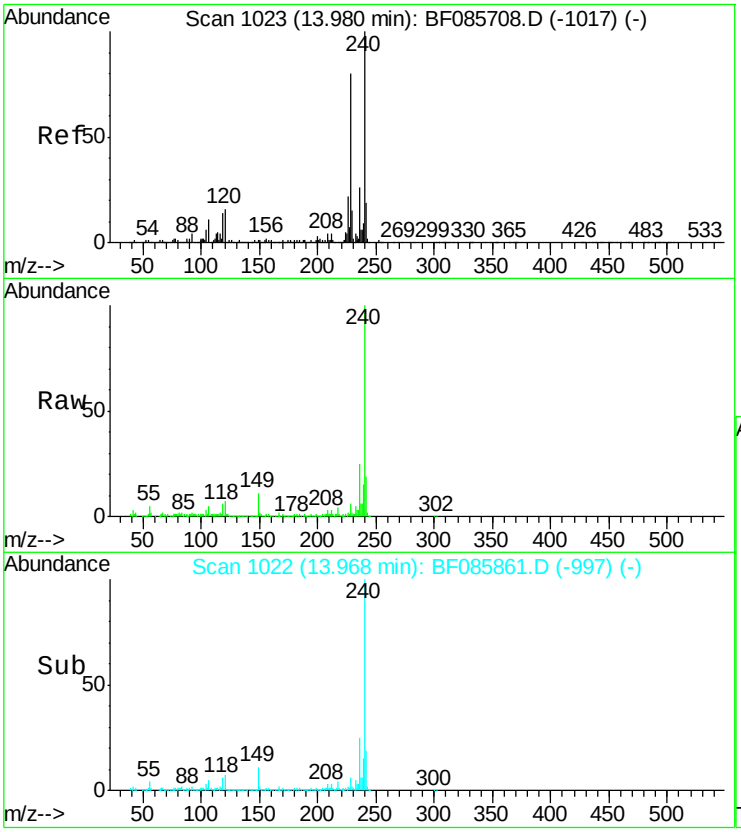


#74
Fluoranthene
Concen: 8.93 ng
RT: 12.54 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Tgt Ion:202 Resp: 183572

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	36.6
203	17.4	0.0	38.1



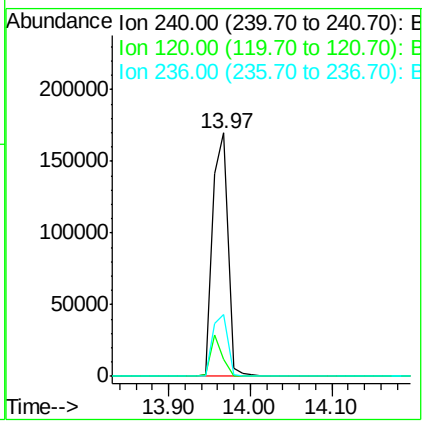


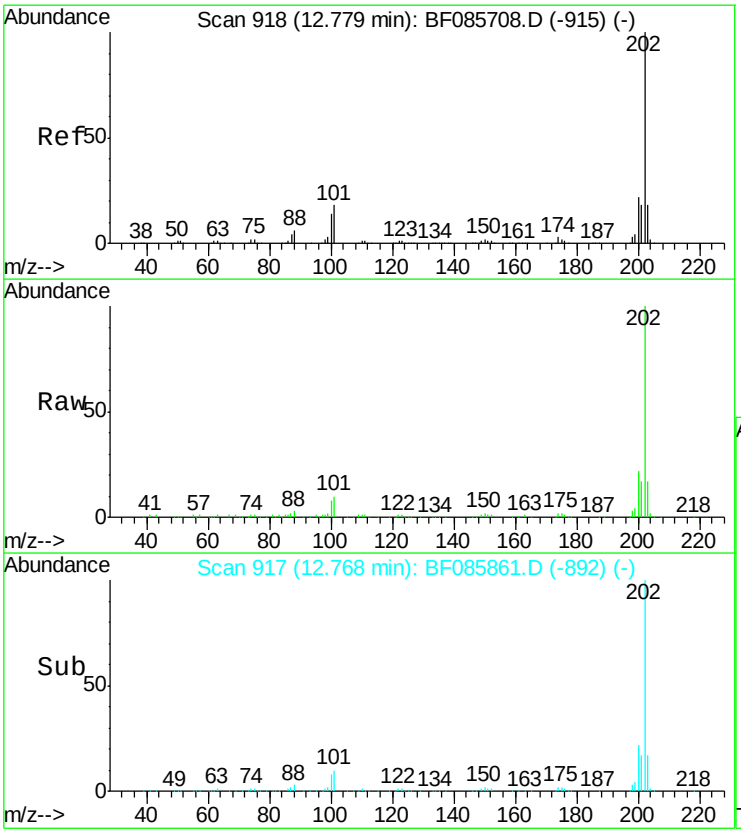
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:240 Resp: 222223

Ion	Ratio	Lower	Upper
240	100		
120	7.2	13.8	20.8#
236	25.3	20.6	30.8

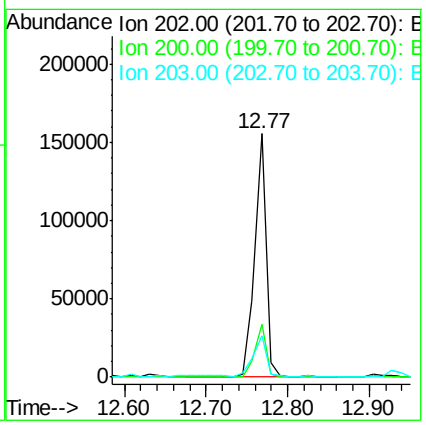


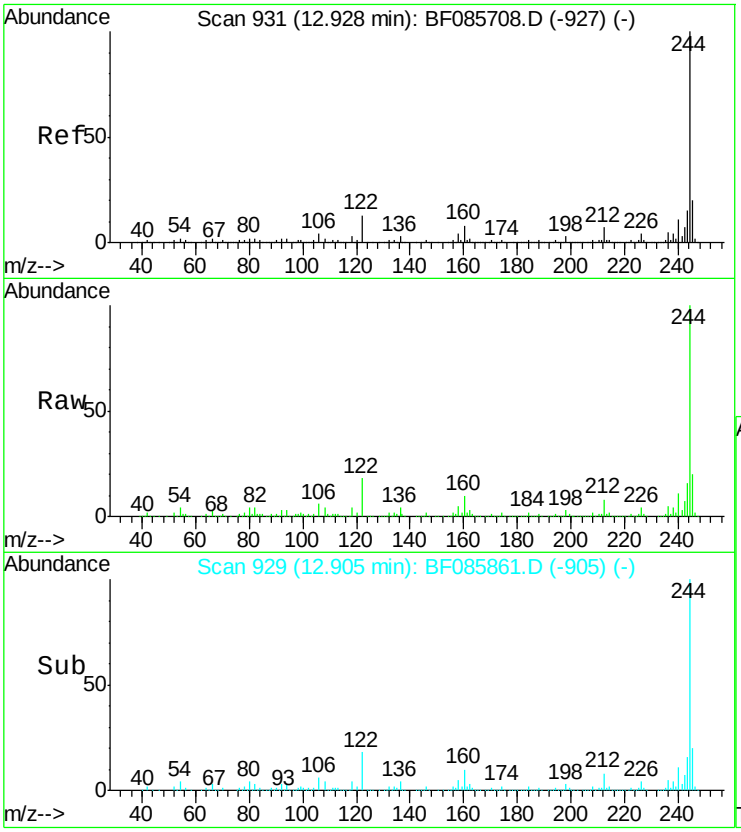


#77
Pyrene
Concen: 8.10 ng
RT: 12.77 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Tgt Ion:202 Resp: 148014

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	16.9	14.0	21.0



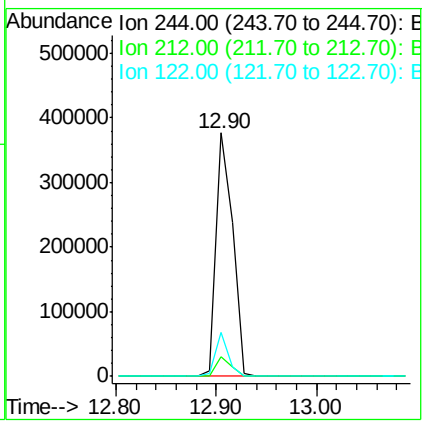


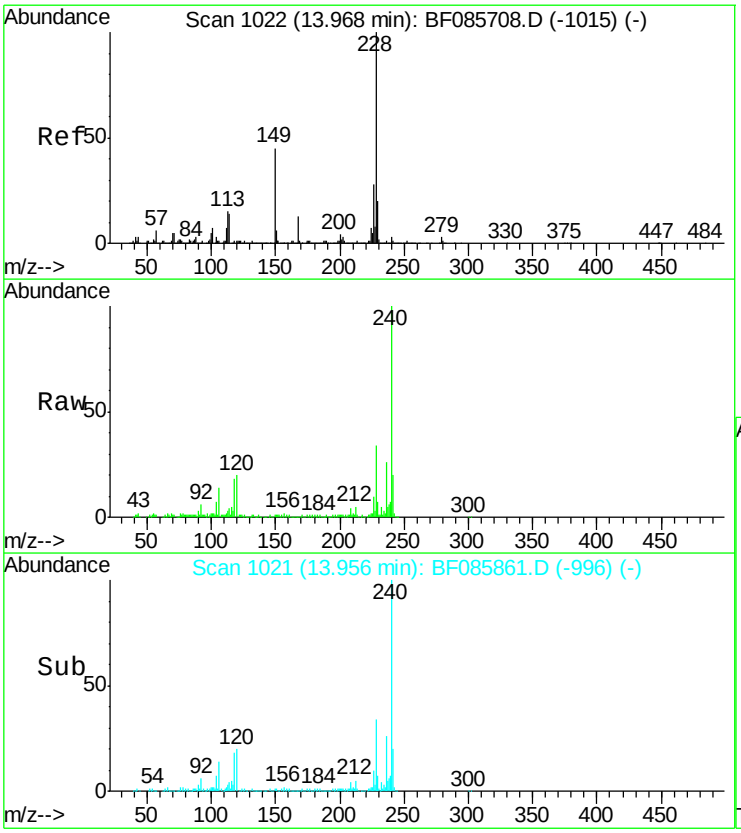
#78
Terphenyl-d14
Concen: 40.05 ng
RT: 12.90 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:244 Resp: 432713

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.1	9.1
122	18.2	10.2	15.4#

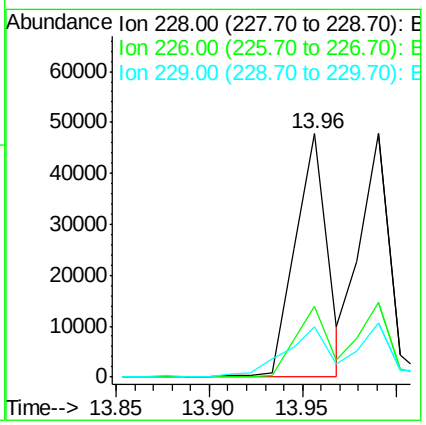


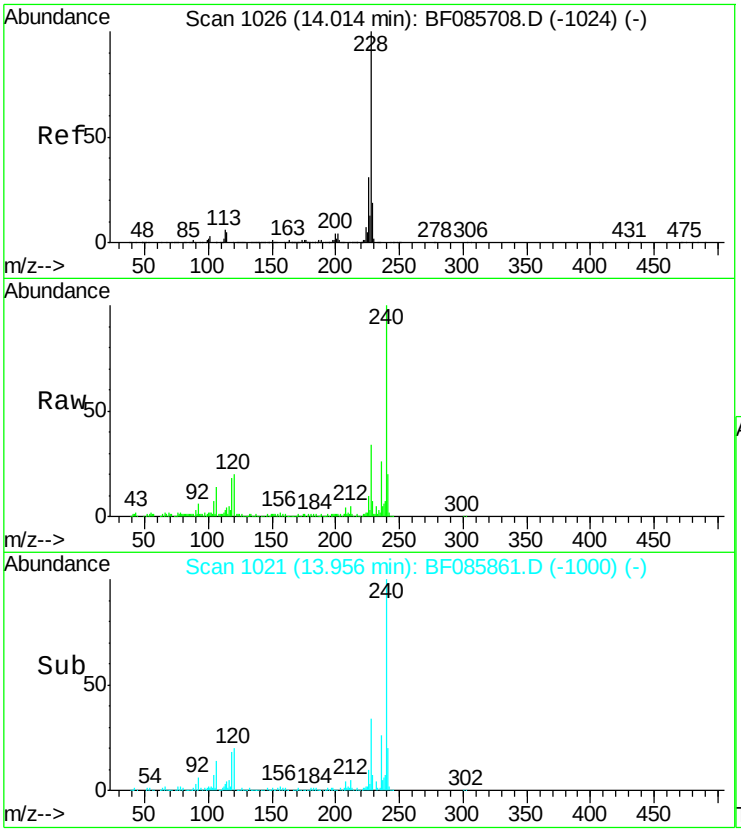


#80
Benzo(a)anthracene
Concen: 4.57 ng
RT: 13.96 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Tgt Ion:228 Resp: 57935

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.1	33.1
229	20.5	16.2	24.4



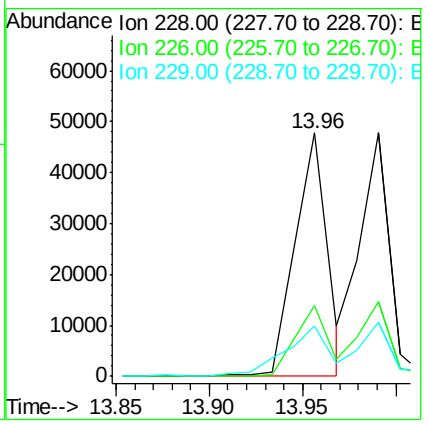


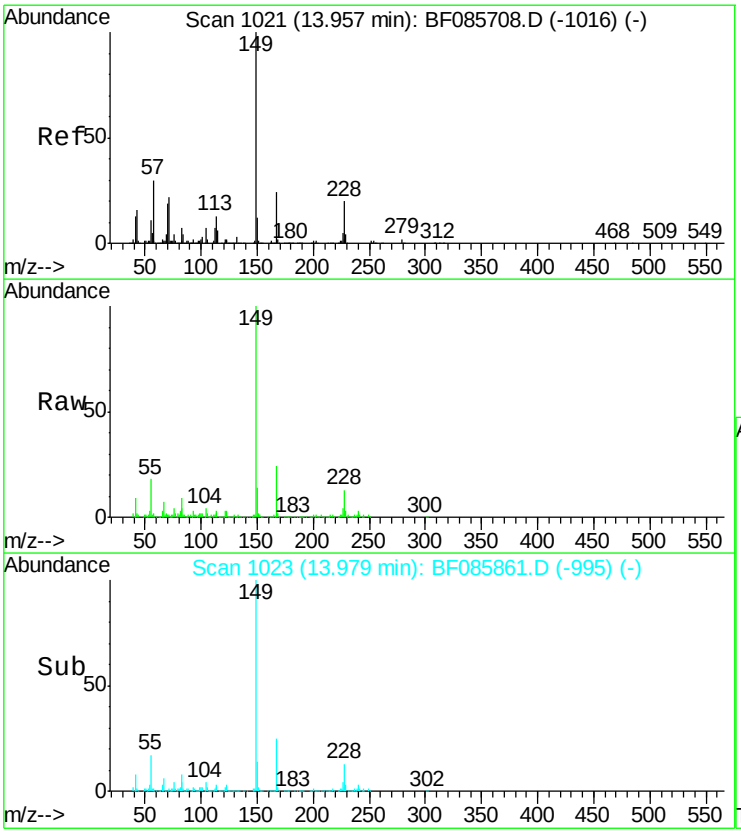
#82
Chrysene
Concen: 4.54 ng
RT: 13.96 min Scan# 1021
Delta R.T. -0.06 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:228 Resp: 57935

Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.0	37.6
229	20.5	15.7	23.5

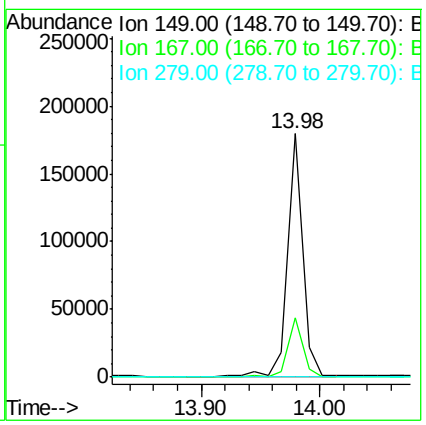


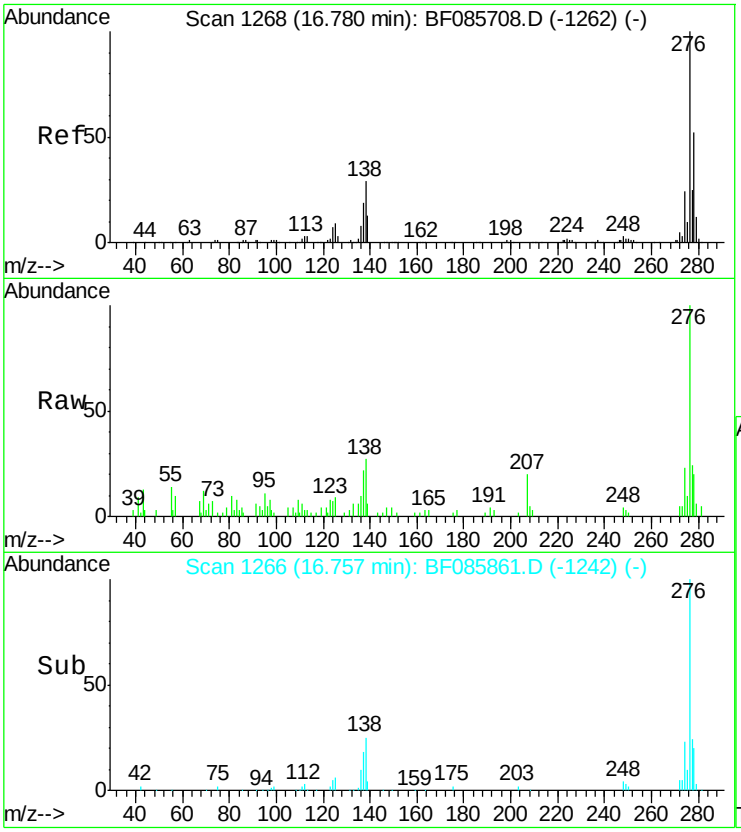


#83
Bis(2-ethylhexyl)phthalate
Concen: 16.76 ng
RT: 13.98 min Scan# 1023
Delta R.T. 0.02 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Tgt Ion:149 Resp: 153524

Ion	Ratio	Lower	Upper
149	100		
167	24.5	19.4	29.2
279	0.0	1.5	2.3#



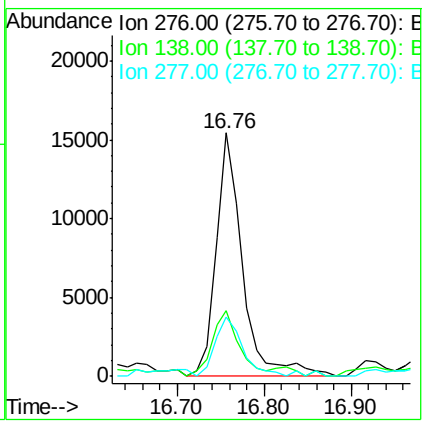


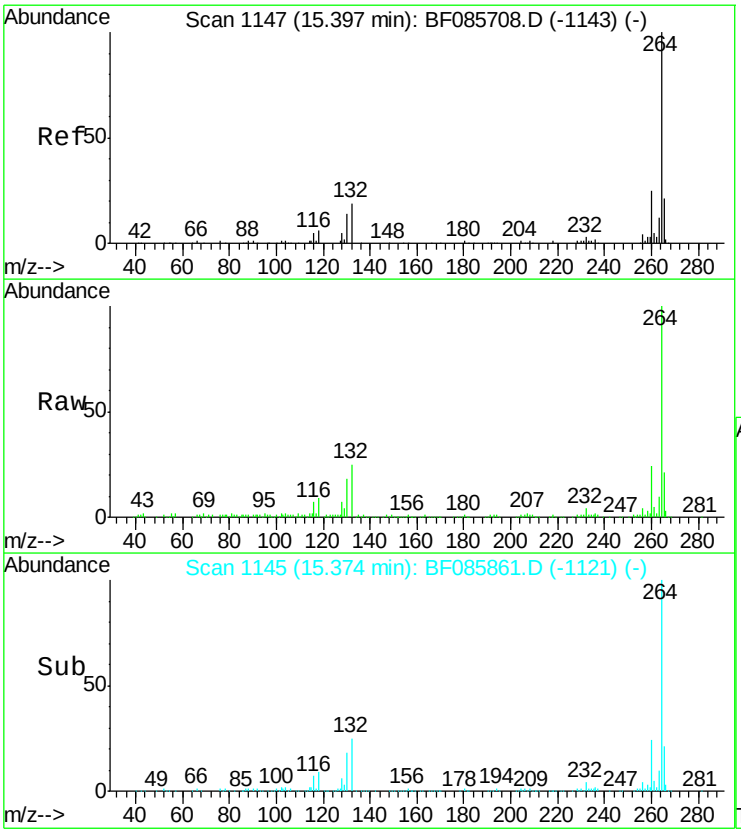
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.32 ng
RT: 16.76 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:276 Resp: 32702

Ion	Ratio	Lower	Upper
276	100		
138	27.9	24.2	36.4
277	25.2	20.0	30.0

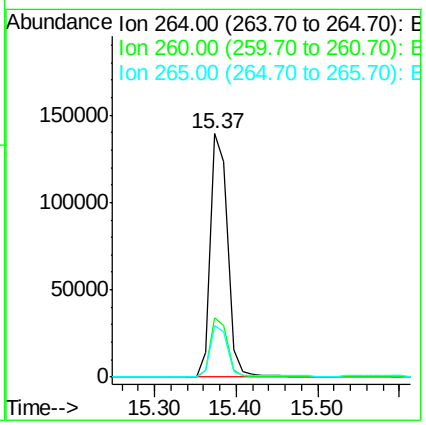


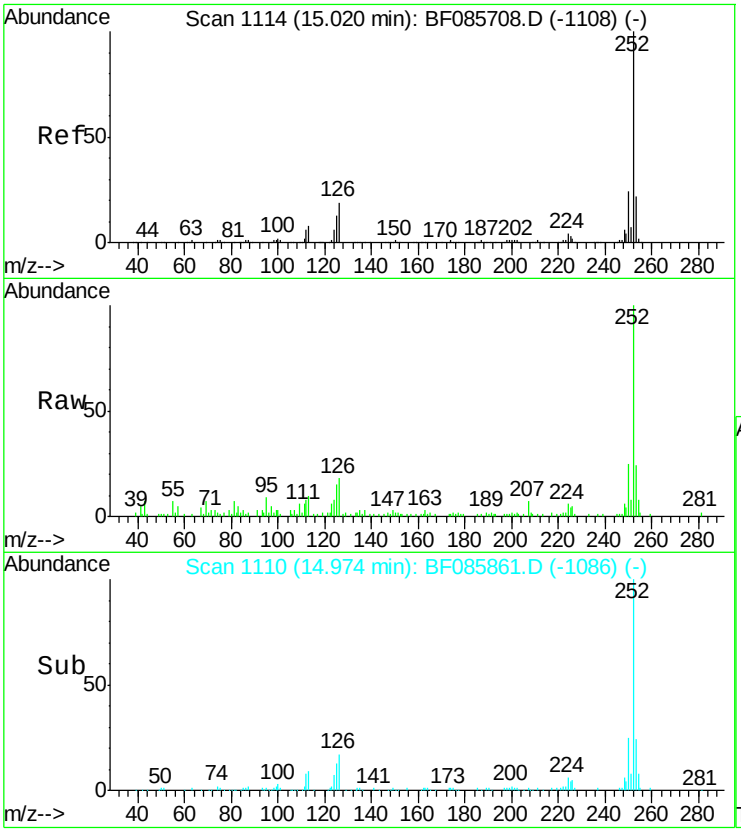


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Tgt Ion:264 Resp: 207897

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.0	17.2	25.8



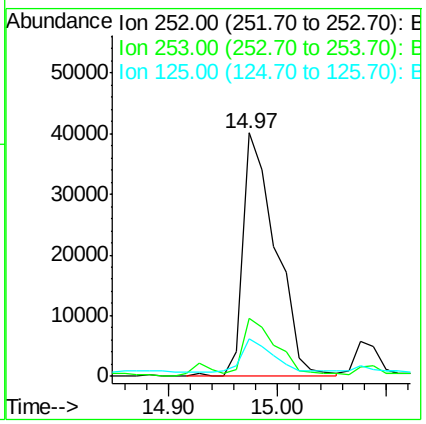


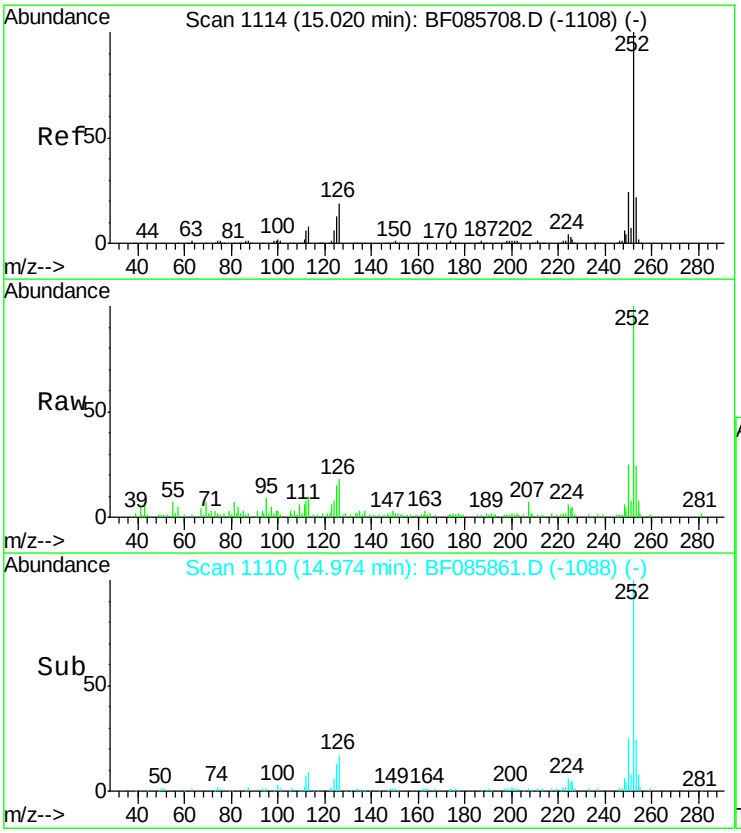
#87
Benzo(b)fluoranthene
Concen: 6.43 ng
RT: 14.97 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:252 Resp: 84158

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	15.4	10.3	15.5

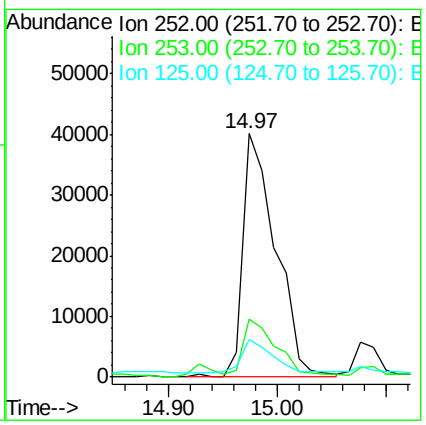


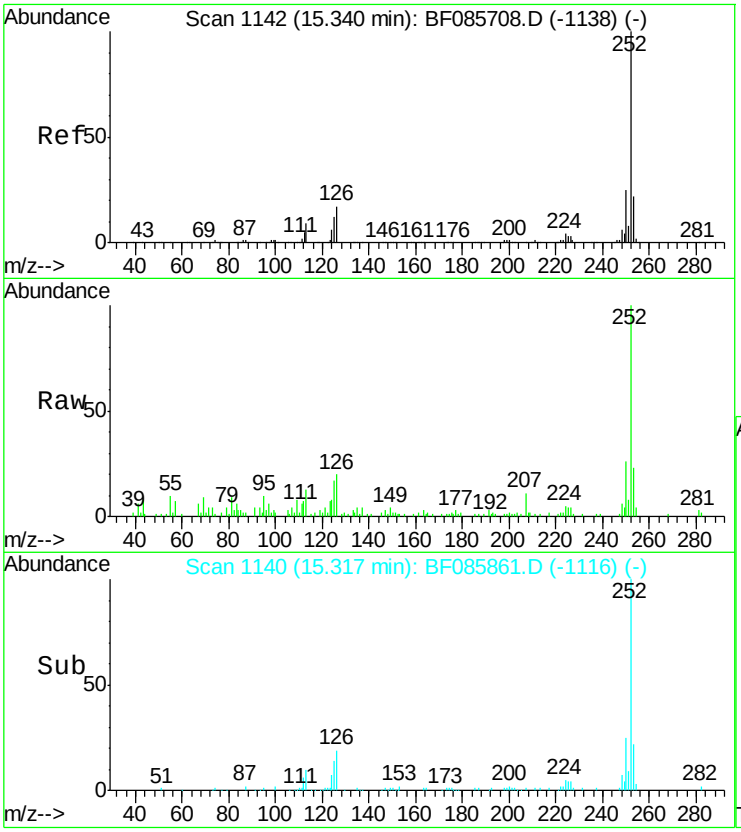


#88
Benzo(k)fluoranthene
Concen: 7.13 ng
RT: 14.97 min Scan# 1110
Delta R.T. -0.05 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Tgt Ion:252 Resp: 84158

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	15.4	7.7	11.5#



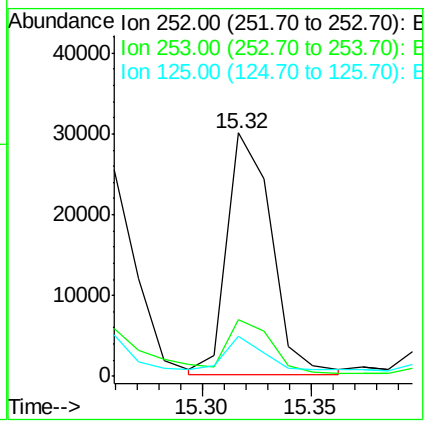


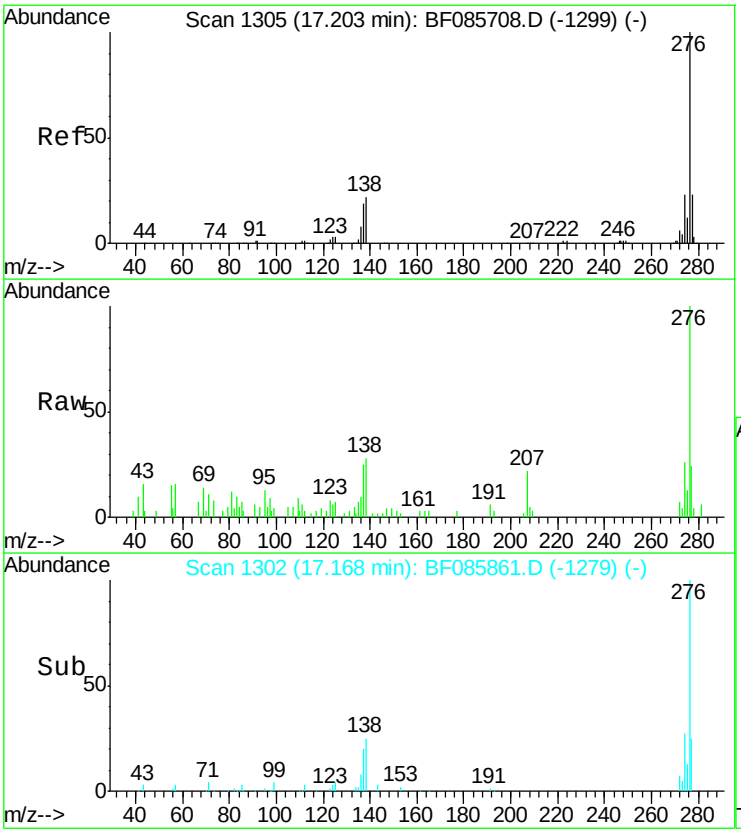
#89
Benzo(a)pyrene
Concen: 3.65 ng
RT: 15.32 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:252 Resp: 42409

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	16.6	10.3	15.5#





#91
Benzo(g,h,i)perylene
Concen: 2.77 ng
RT: 17.17 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BF085861.D
Acq: 29 Mar 2016 21:01

Tgt Ion:276 Resp: 30325

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	27.7	22.6	34.0