Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032116\
Data File : BF085661.D
Acq On : 22 Mar 2016 11:44
Operator : UM/SJ
Sample : H1799-10 10X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 22 13:09:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	114385	20.00	ng		-0.02
21) Naphthalene-d8	8.13	136	480601	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	192647	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	330492	20.00	ng		-0.02
75) Chrysene-d12	13.99	240	226755	20.00	ng		-0.02
86) Perylene-d12	15.42	264	221367	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	80537	11.83	ng		-0.02
7) Phenol-d6	6.47	99	103502	11.85	ng		-0.02
23) Nitrobenzene-d5	7.40	82	59546	7.19	ng		-0.03
41) 2,4,6-Tribromophenol	10.66	330	17483	9.26	ng		-0.02
44) 2-Fluorobiphenyl	9.20	172	130637	8.26	ng		-0.02
78) Terphenyl-d14	12.94	244	81949	8.70	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.61	77	2012	Below Cal			86
31) Naphthalene	8.15	128	49124	2.03	ng		96
50) 2,6-Dinitrotoluene	9.88	165	24853	8.10	ng	#	19
55) 4-Nitrophenol	10.08	139	9924	3.34	ng	#	12
56) 2,4-Dinitrotoluene	9.88	165	24854	6.19	ng	#	37
57) Fluorene	10.42	166	63024	5.04	ng		99
70) Phenanthrene	11.38	178	137152	7.87	ng		99
74) Fluoranthene	12.57	202	90061	4.94	ng		92
77) Pyrene	12.80	202	85289	5.24	ng		97
80) Benzo(a)anthracene	13.98	228	48315	3.67	ng		97
82) Chrysene	13.98	228	48315	3.82	ng		98
85) Indeno(1,2,3-cd)pyrene	16.80	276	22071	2.09	ng		92
87) Benzo(b)fluoranthene	15.01	252	71493	4.95	ng		99
88) Benzo(k)fluoranthene	15.01	252	71493	6.01	ng	#	97
89) Benzo(a)pyrene	15.36	252	38501	3.14	ng	#	95

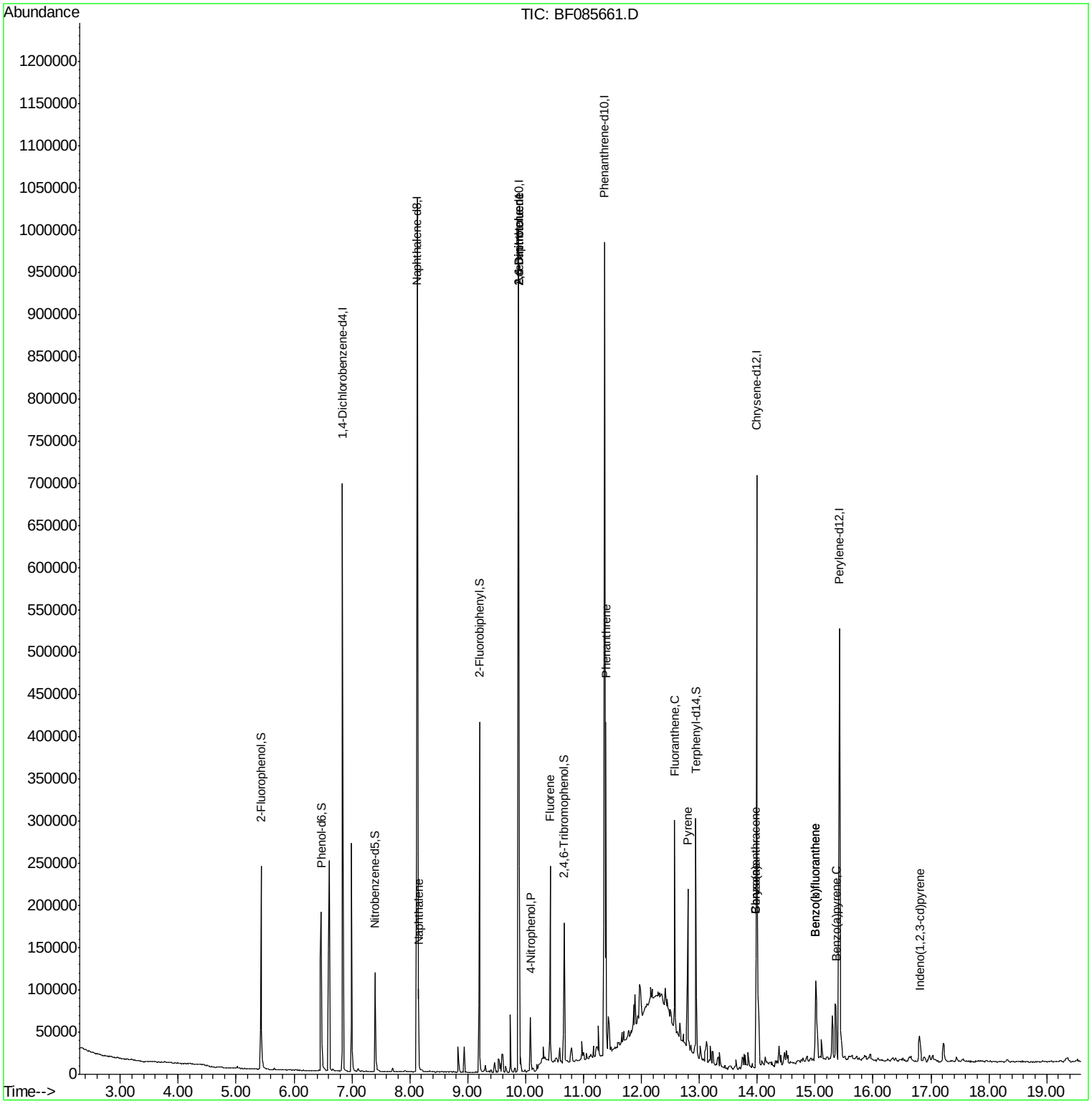
(#) = qualifier out of range (m) = manual integration (+) = signals summed

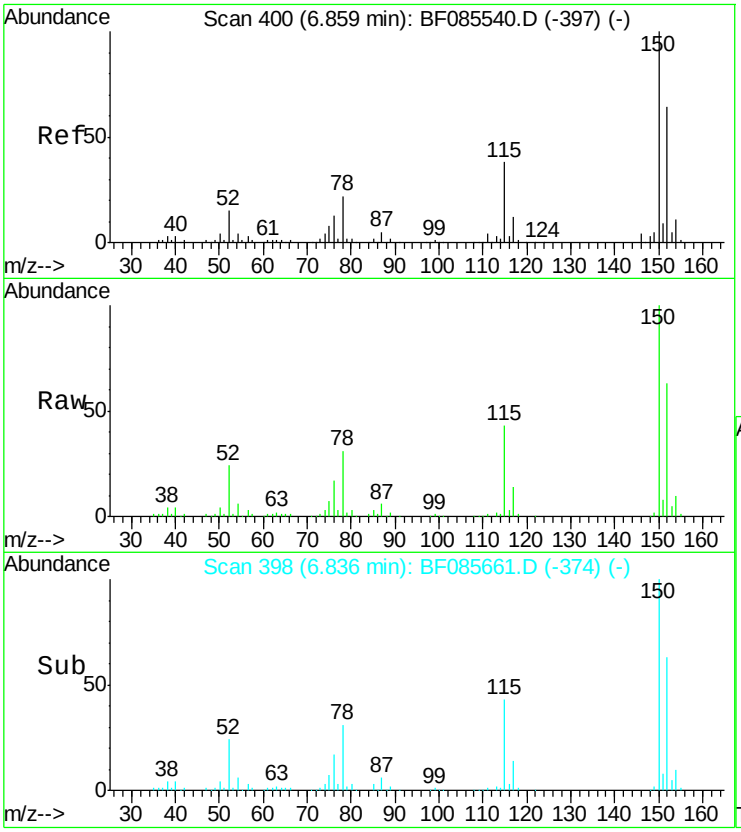
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032116\
Data File : BF085661.D
Acq On : 22 Mar 2016 11:44
Operator : UM/SJ
Sample : H1799-10 10X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 22 13:09:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration



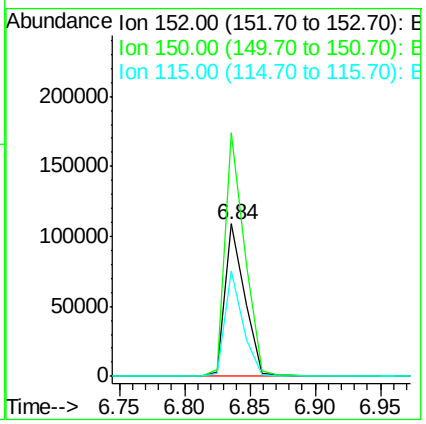


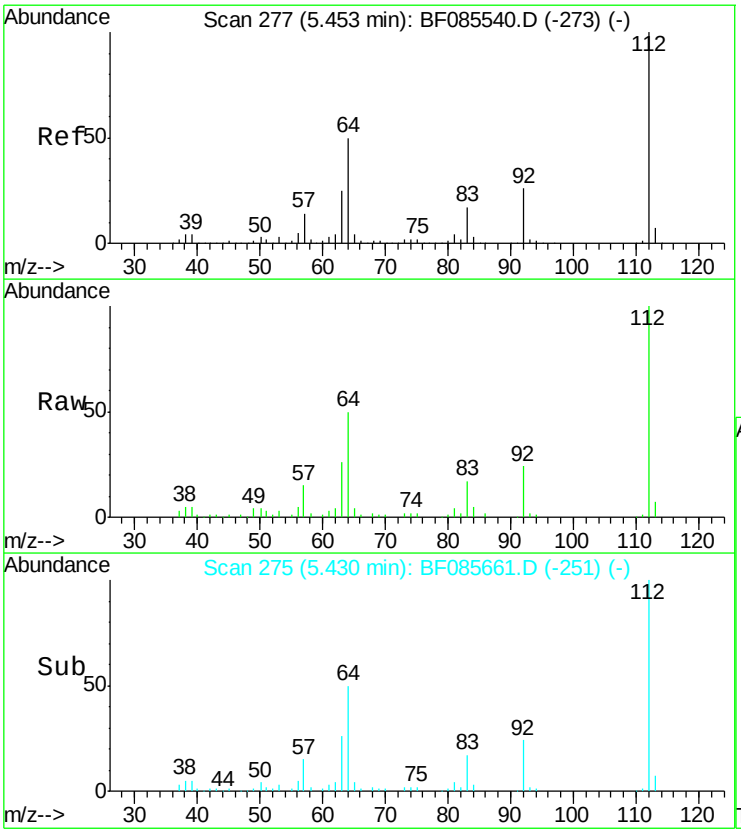
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF085661.D
Acq: 22 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 114385

Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.2	186.2
115	69.3	47.0	70.6

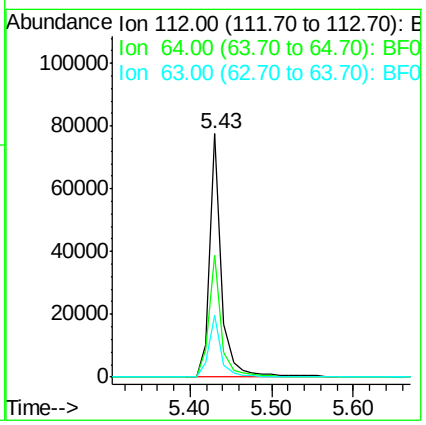


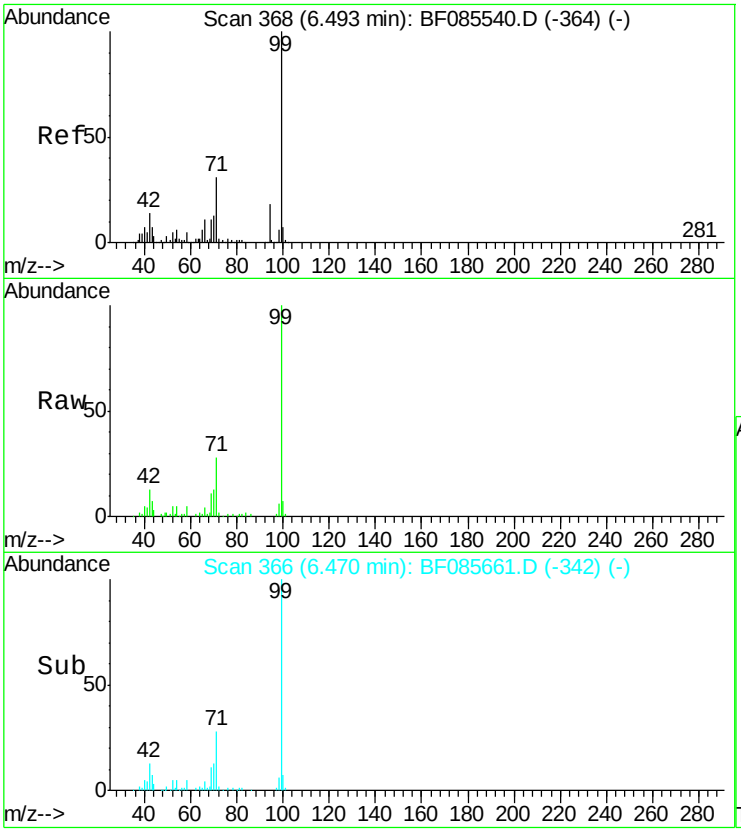


#5
2-Fluorophenol
Concen: 11.83 ng
RT: 5.43 min Scan# 275
Delta R.T. -0.02 min
Lab File: BF085661.D
Acq: 22 Mar 2016 11:44

Tgt Ion:112 Resp: 80537

Ion	Ratio	Lower	Upper
112	100		
64	49.9	39.9	59.9
63	25.6	20.2	30.2



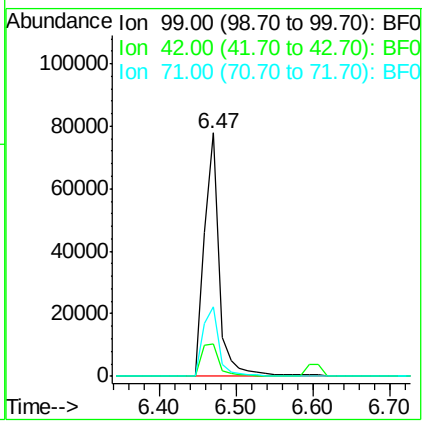


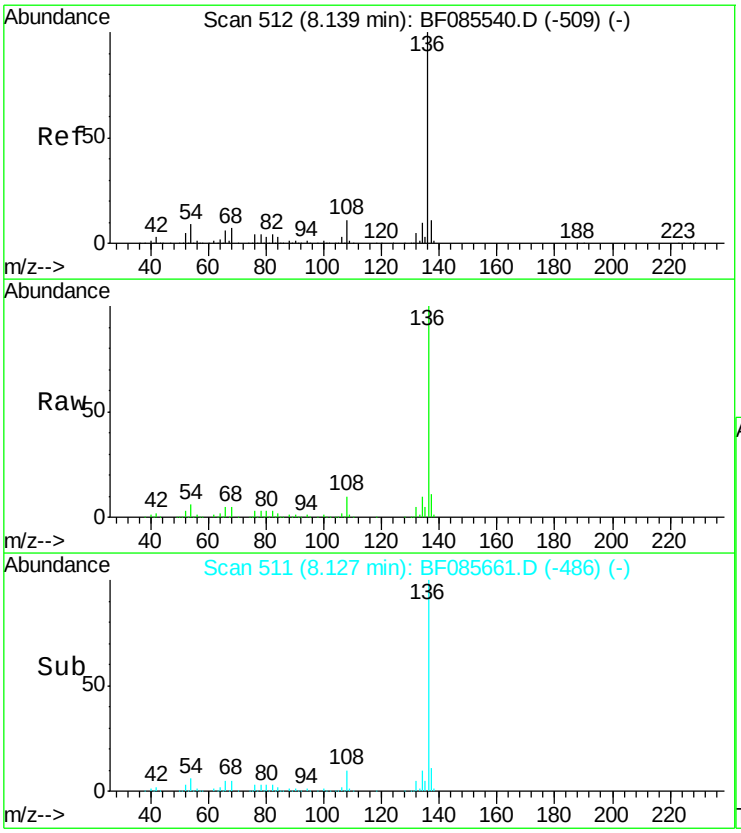
#7
Phenol-d6
Concen: 11.85 ng
RT: 6.47 min Scan# 366
Delta R.T. -0.02 min
Lab File: BF085661.D
Acq: 22 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 103502

Ion	Ratio	Lower	Upper
99	100		
42	13.2	11.1	16.7
71	28.4	24.9	37.3

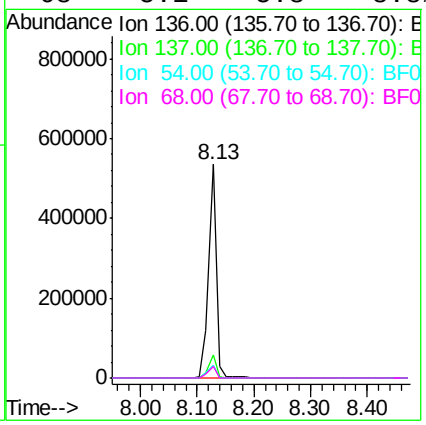


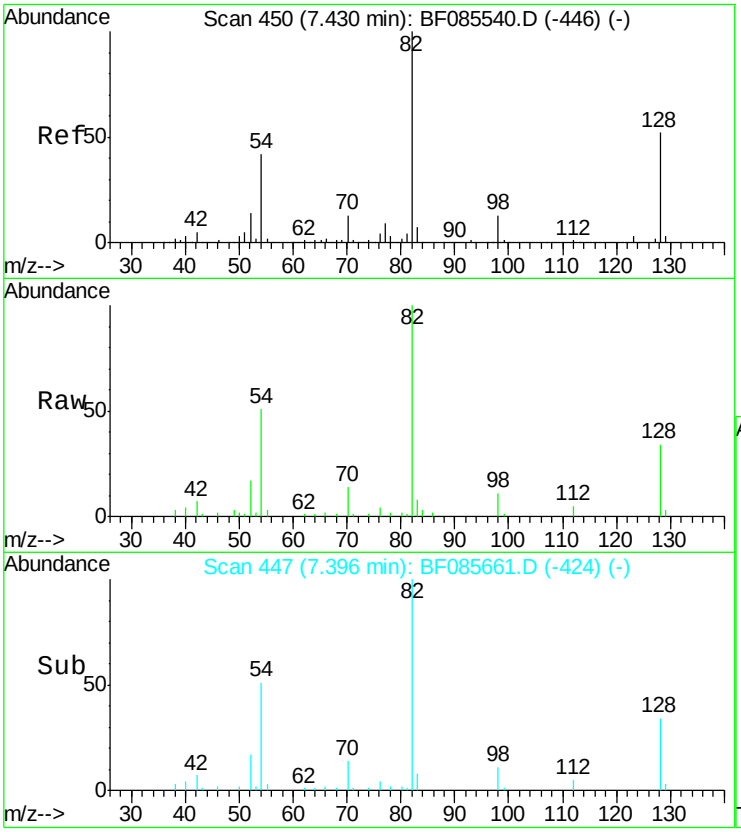


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085661.D
Acq: 22 Mar 2016 11:44

Tgt Ion:136 Resp: 480601

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.1	7.4	11.0#
68	5.1	5.8	8.8#



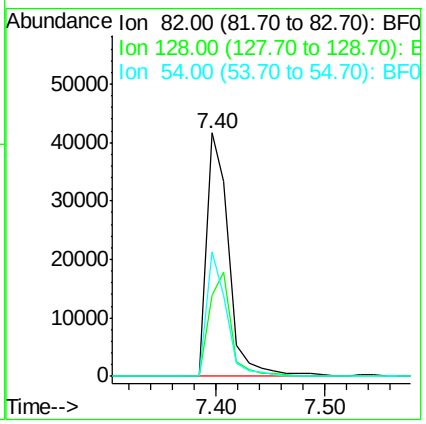


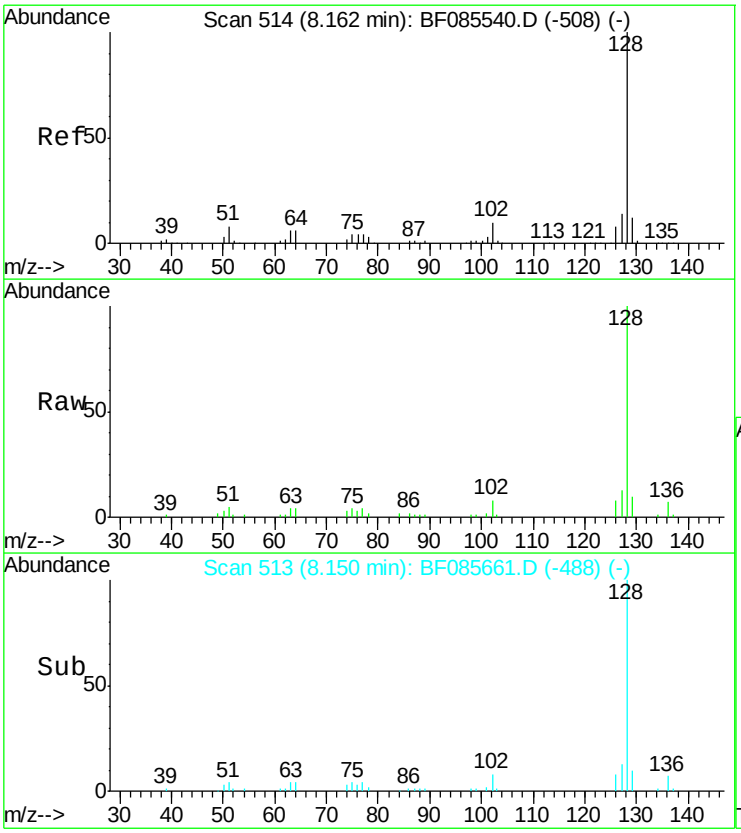
#23
Nitrobenzene-d5
Concen: 7.19 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF085661.D
Acq: 22 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 59546

Ion	Ratio	Lower	Upper
82	100		
128	33.5	41.8	62.8#
54	51.3	33.4	50.0#

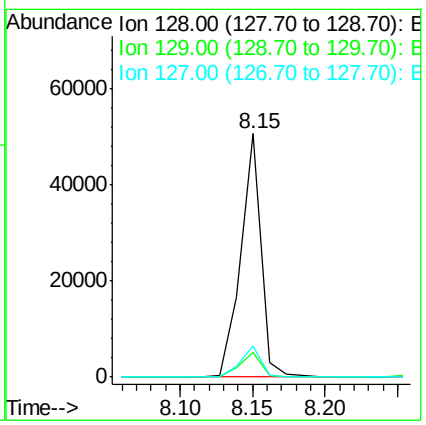


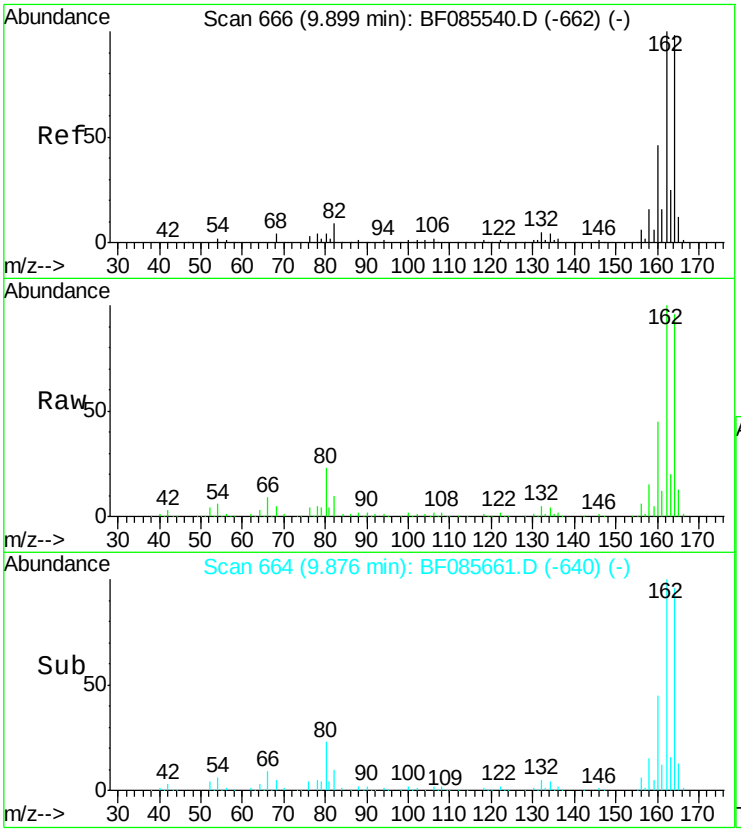


#31
Naphthalene
Concen: 2.03 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF085661.D
Acq: 22 Mar 2016 11:44

Tgt Ion:128 Resp: 49124

Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.4	14.0
127	12.6	11.0	16.6



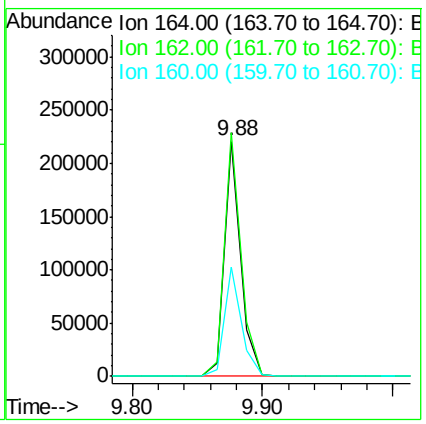


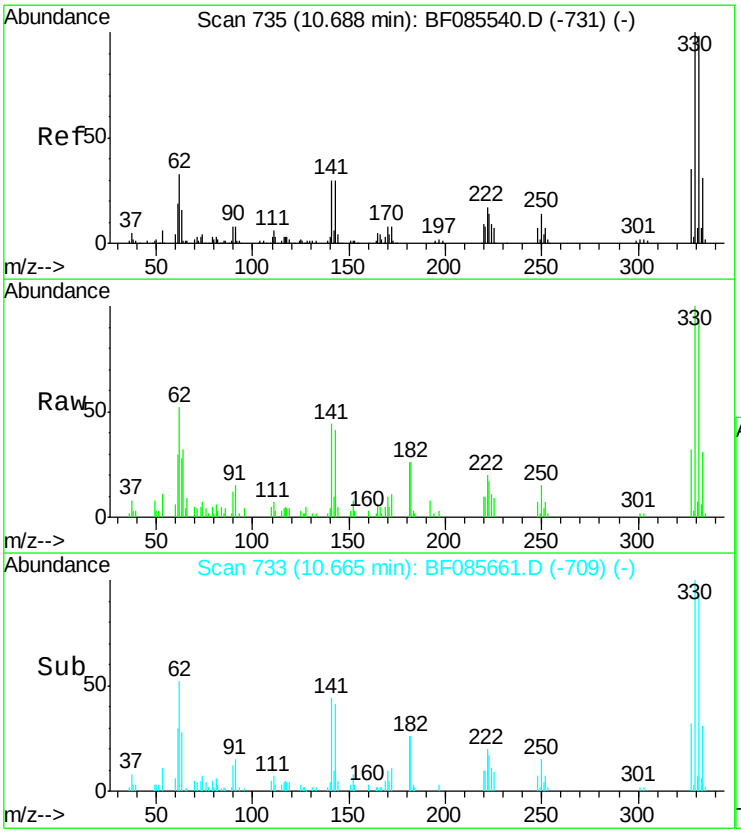
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF085661.D
Acq: 22 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 192647

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.1	123.1
160	46.6	37.4	56.2

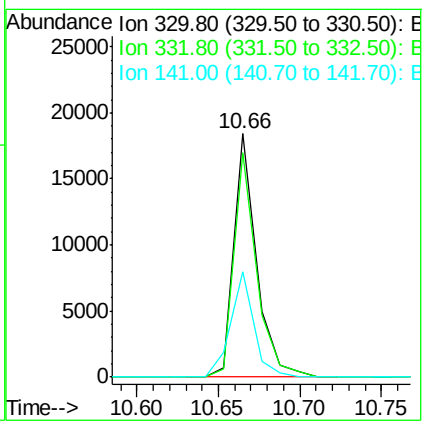


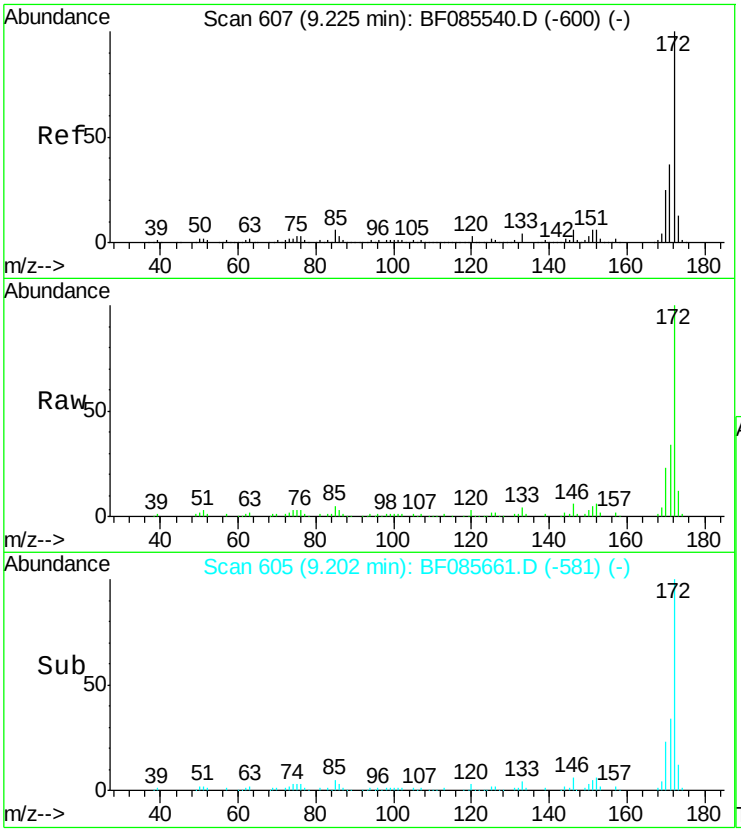


#41
2,4,6-Tribromophenol
Concen: 9.26 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF085661.D
Acq: 22 Mar 2016 11:44

Tgt Ion:330 Resp: 17483

Ion	Ratio	Lower	Upper
330	100		
332	92.3	78.2	117.2
141	44.9	31.5	47.3



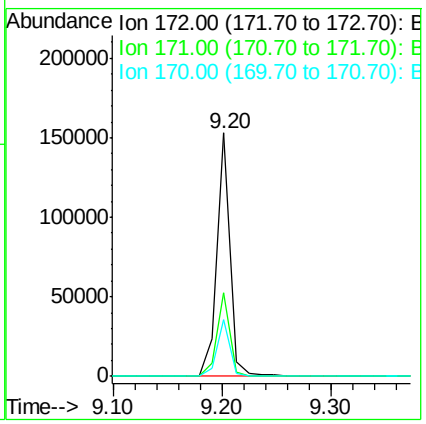


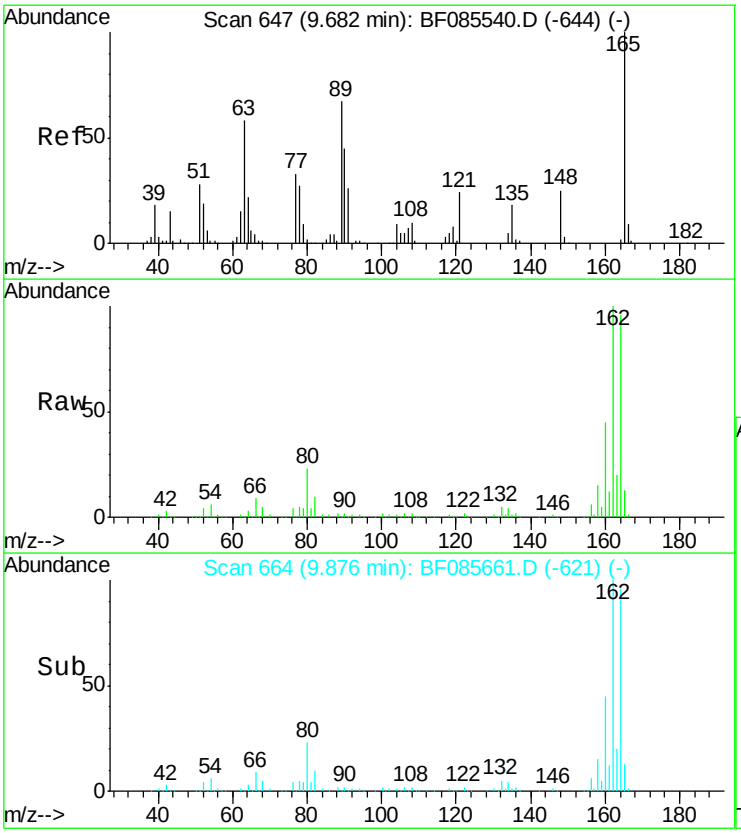
#44
2-Fluorobiphenyl
Concen: 8.26 ng
RT: 9.20 min Scan# 605
Delta R.T. -0.02 min
Lab File: BF085661.D
Acq: 22 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 130637

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.4	44.2
170	23.2	19.8	29.6

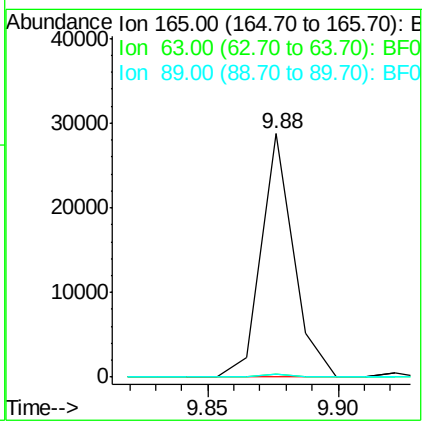


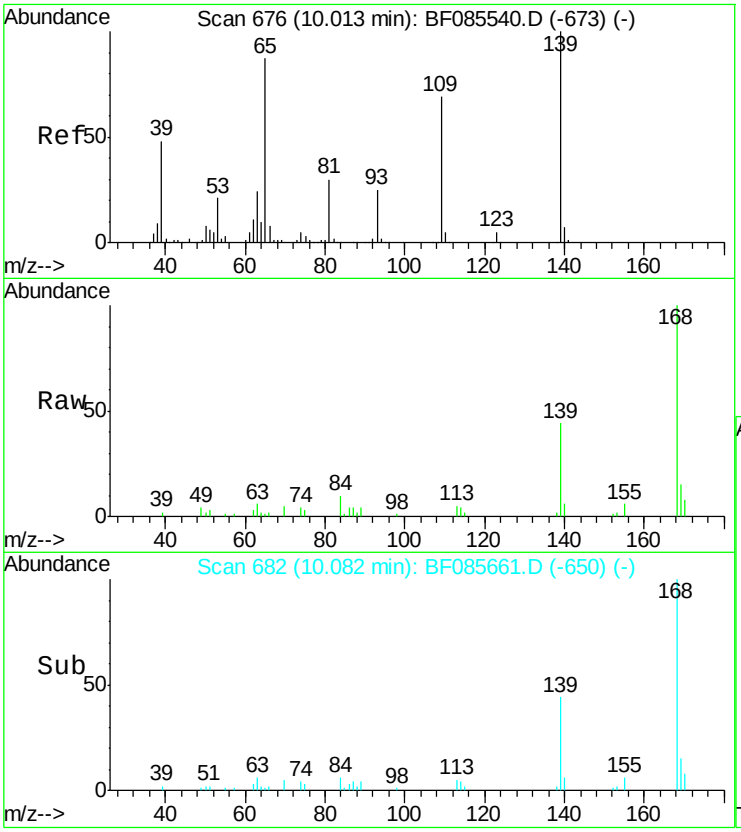


#50
2,6-Dinitrotoluene
Concen: 8.10 ng
RT: 9.88 min Scan# 664
Delta R.T. 0.19 min
Lab File: BF085661.D
Acq: 22 Mar 2016 11:44

Tgt Ion:165 Resp: 24853

Ion	Ratio	Lower	Upper
165	100		
63	1.4	51.8	77.8#
89	1.3	53.7	80.5#



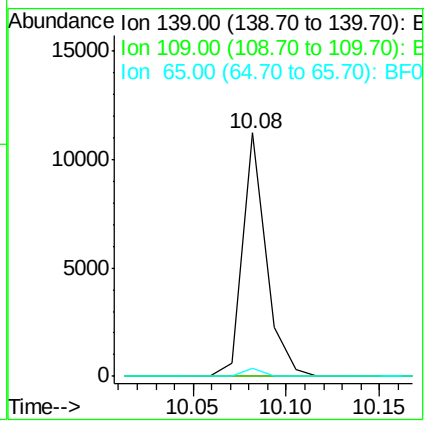


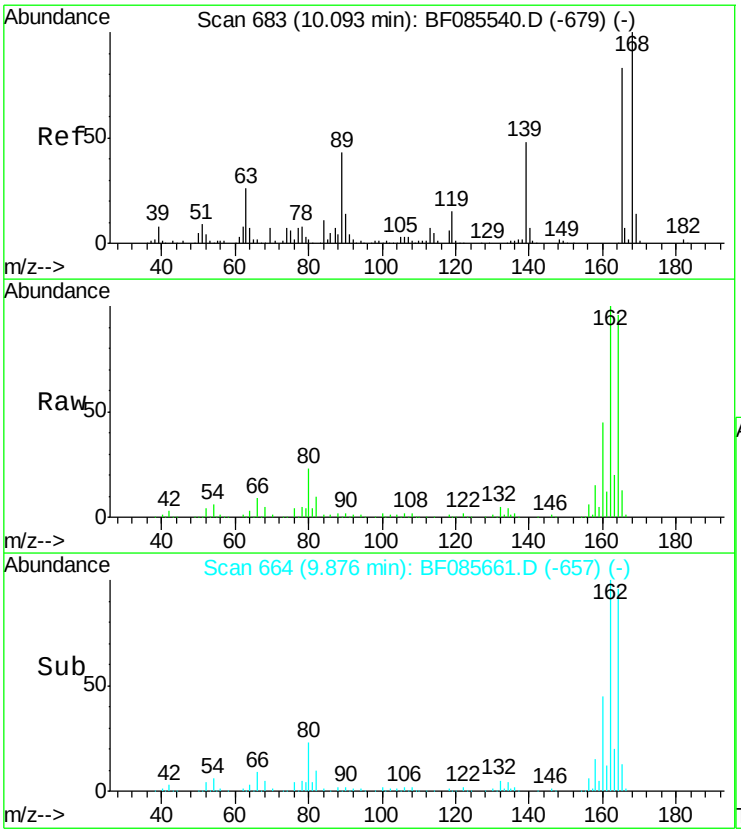
#55
4-Nitrophenol
Concen: 3.34 ng
RT: 10.08 min Scan# 682
Delta R.T. 0.07 min
Lab File: BF085661.D
Acq: 22 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 9924

Ion	Ratio	Lower	Upper
139	100		
109	0.0	49.2	89.2#
65	3.2	66.9	106.9#

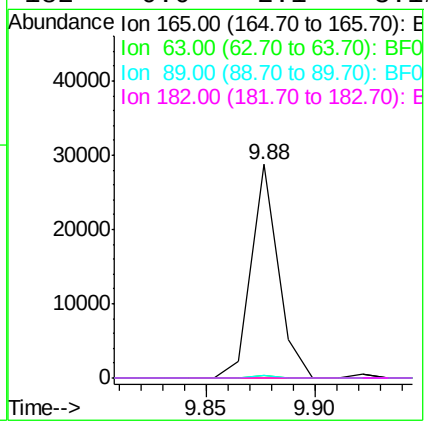


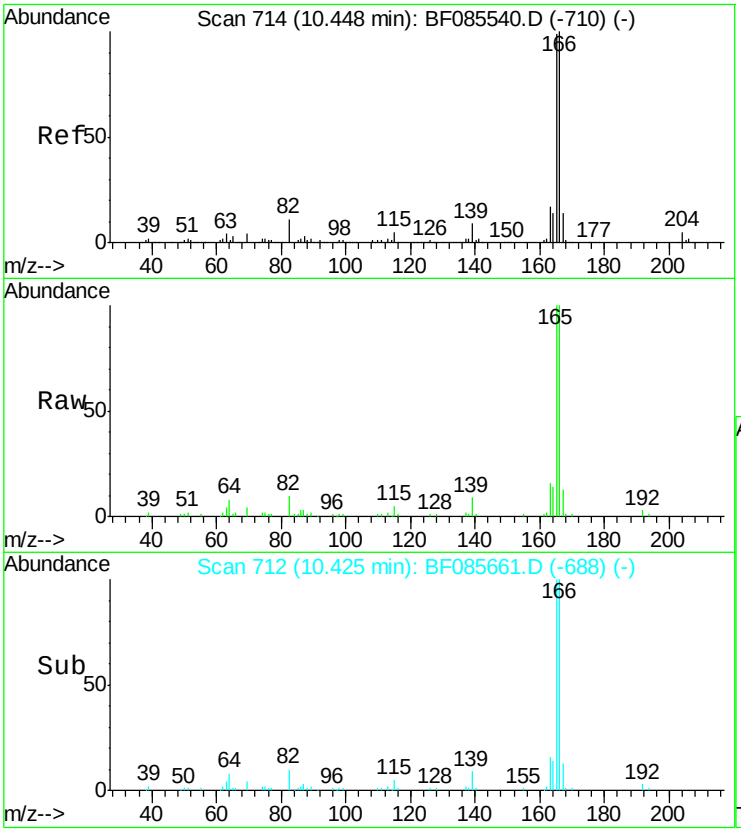


#56
2,4-Dinitrotoluene
Concen: 6.19 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.22 min
Lab File: BF085661.D
Acq: 22 Mar 2016 11:44

Tgt Ion:165 Resp: 24854

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



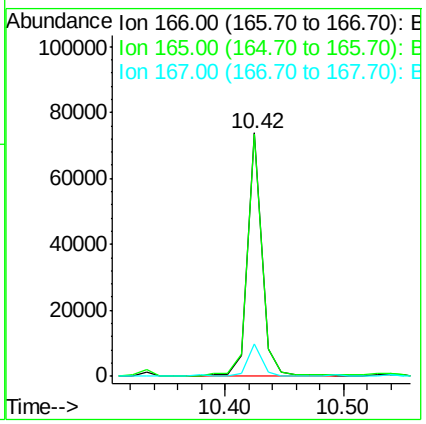


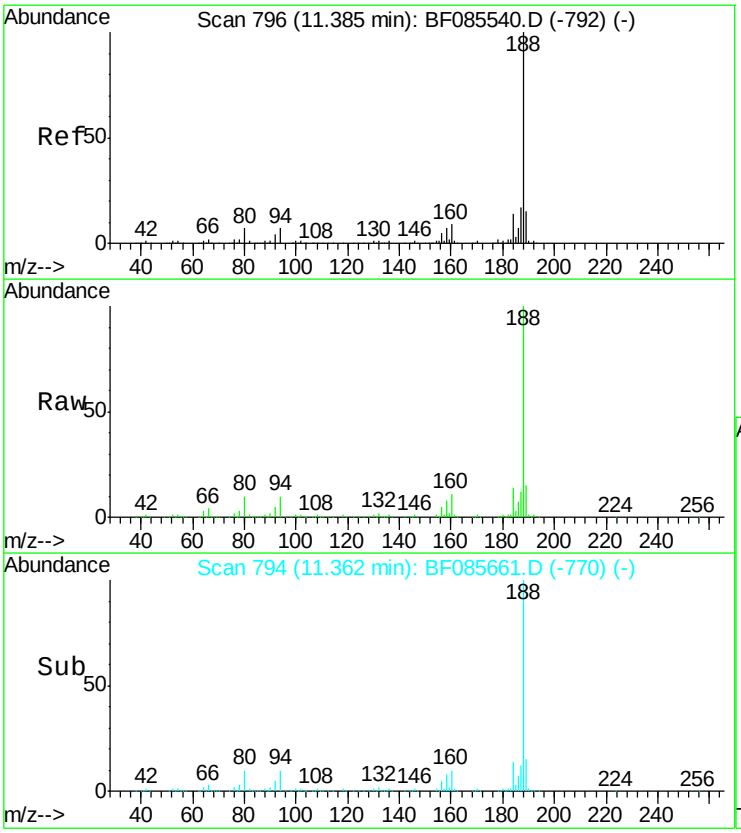
#57
Fluorene
Concen: 5.04 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF085661.D
Acq: 22 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 63024

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.4	119.0
167	13.1	11.0	16.4

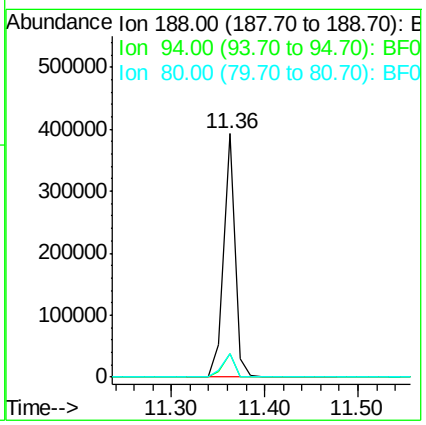


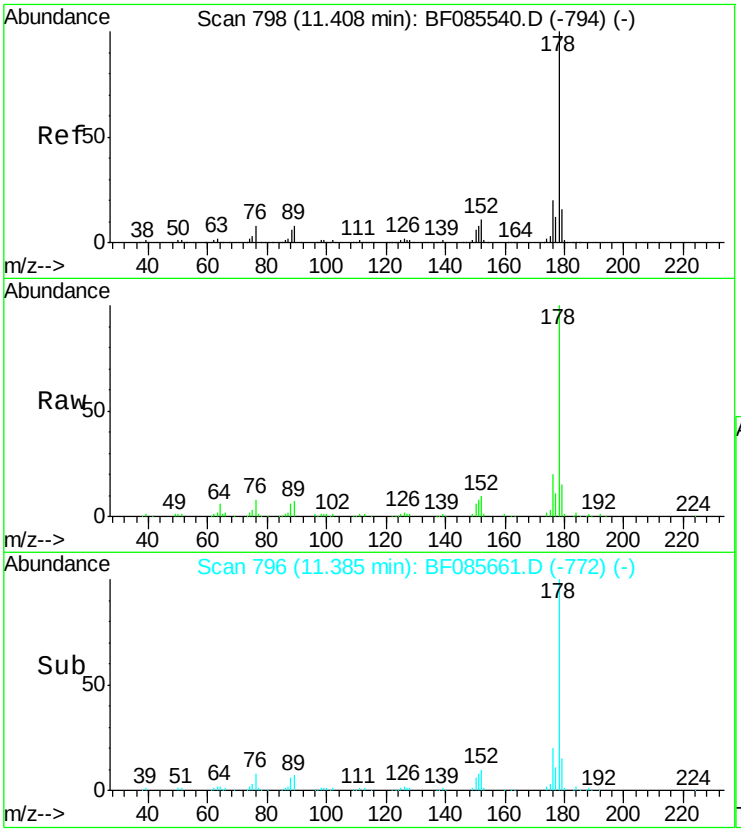


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085661.D
Acq: 22 Mar 2016 11:44

Tgt Ion:188 Resp: 330492

Ion	Ratio	Lower	Upper
188	100		
94	9.7	5.4	8.0#
80	9.9	5.5	8.3#



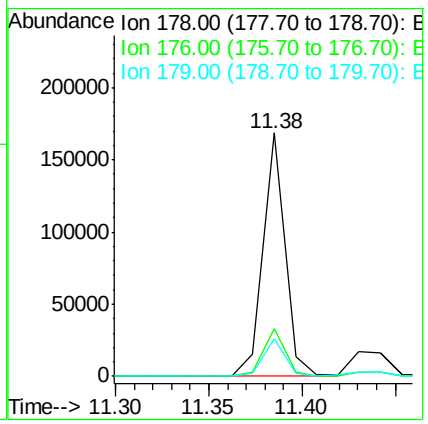


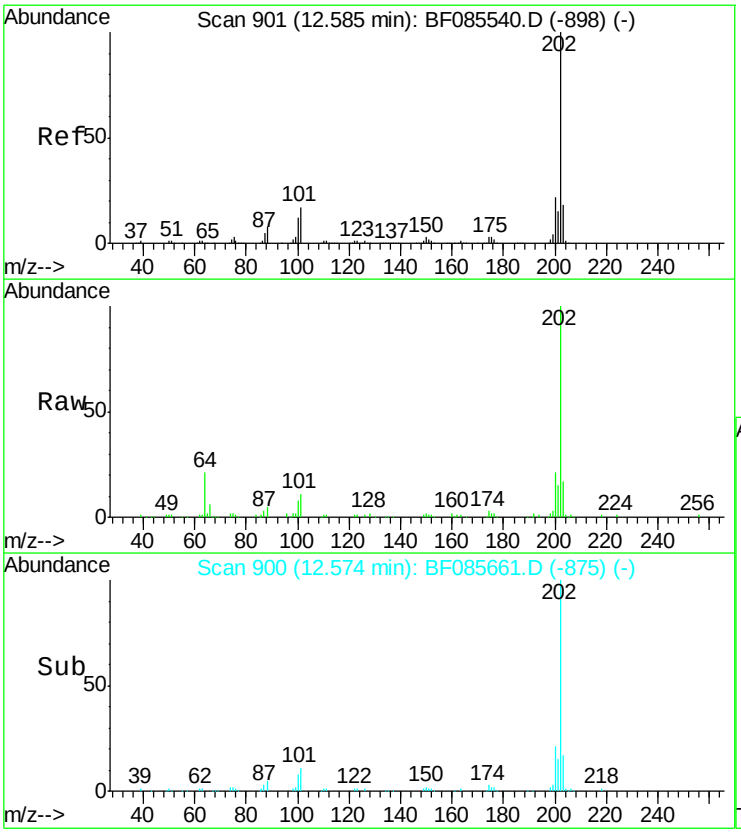
#70
Phenanthrene
Concen: 7.87 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF085661.D
Acq: 22 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 137152

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.3	24.5
179	15.3	12.6	18.8

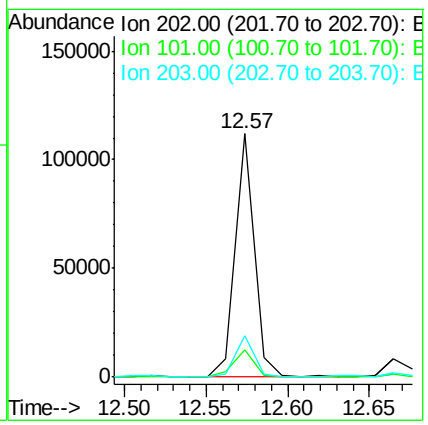


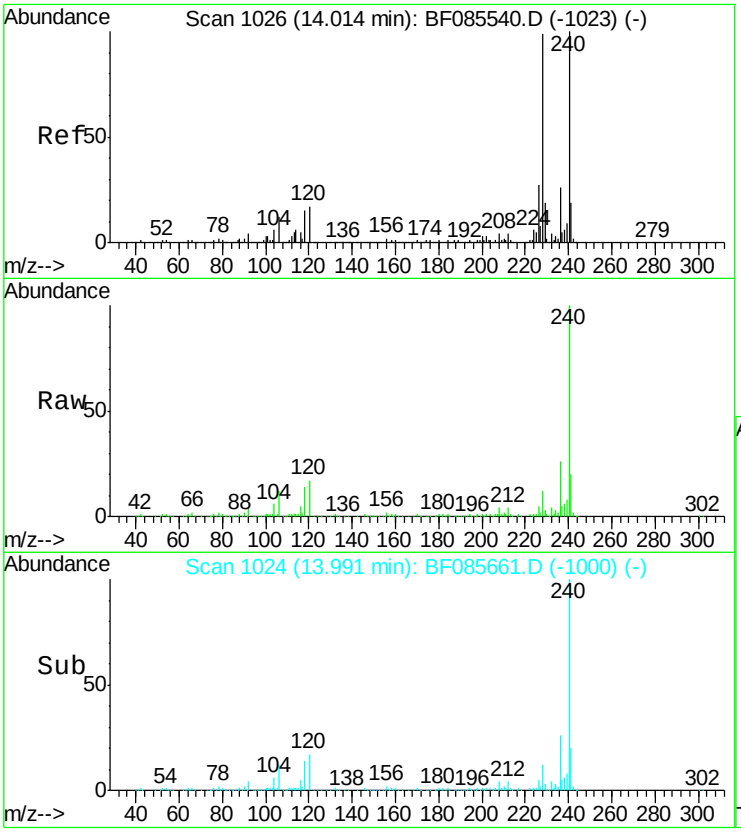


#74
Fluoranthene
Concen: 4.94 ng
RT: 12.57 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF085661.D
Acq: 22 Mar 2016 11:44

Tgt Ion:202 Resp: 90061

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	36.6
203	16.8	0.0	38.1



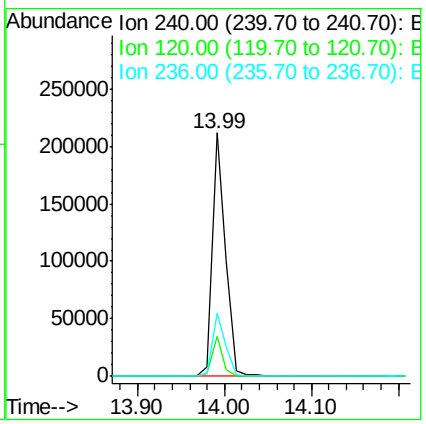


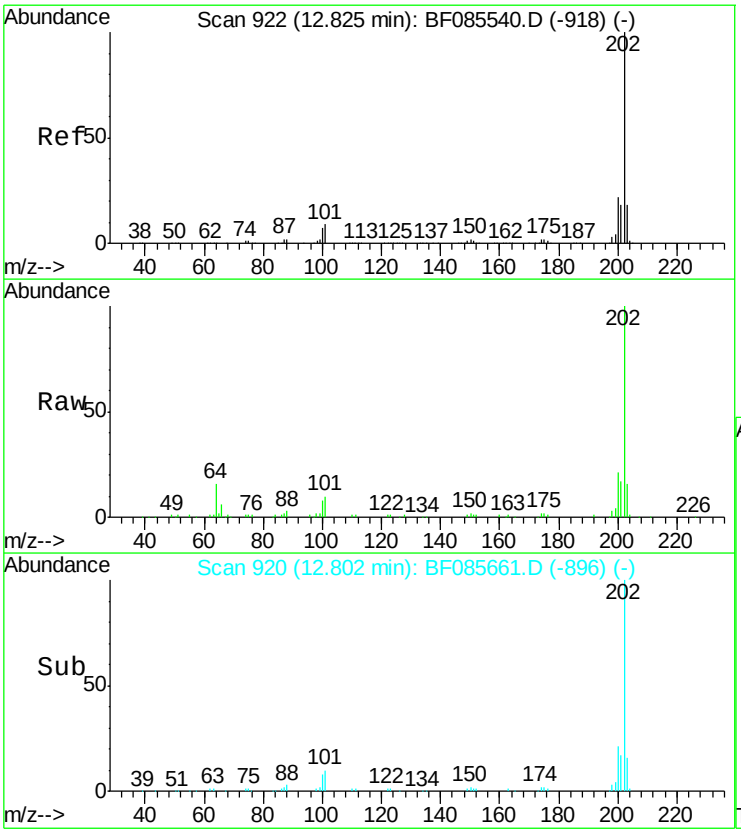
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF085661.D
Acq: 22 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 226755

Ion	Ratio	Lower	Upper
240	100		
120	16.7	13.8	20.8
236	26.1	20.6	30.8

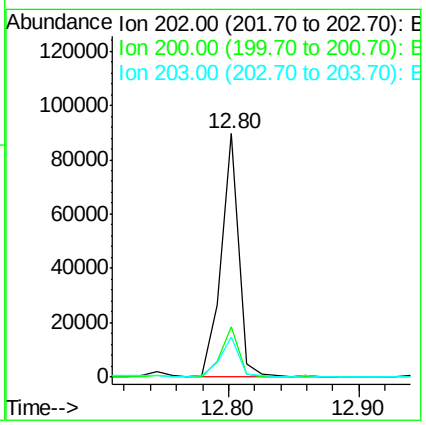


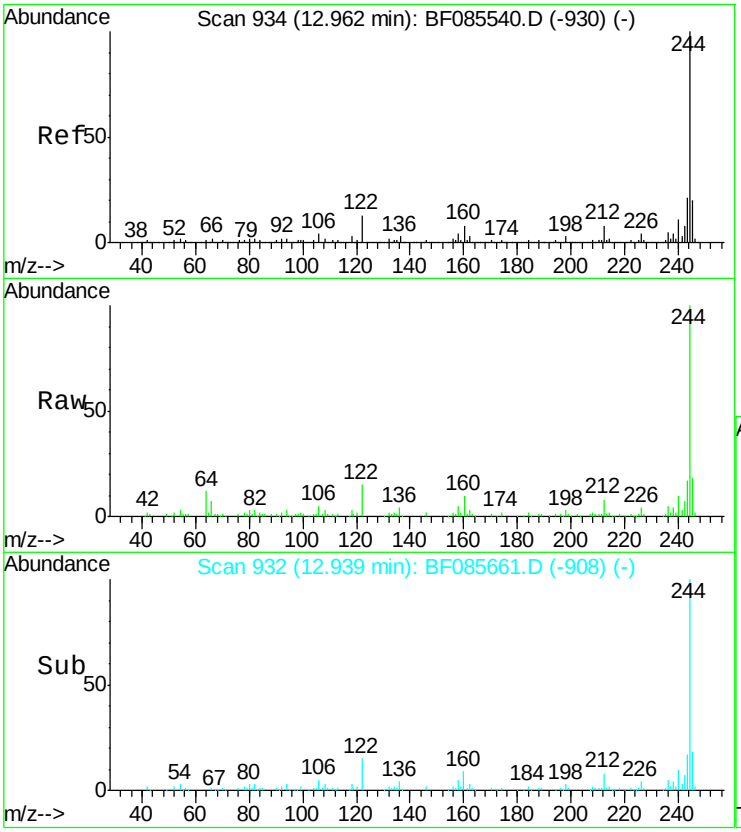


#77
Pyrene
Concen: 5.24 ng
RT: 12.80 min Scan# 920
Delta R.T. -0.02 min
Lab File: BF085661.D
Acq: 22 Mar 2016 11:44

Tgt Ion:202 Resp: 85289

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	16.5	14.0	21.0



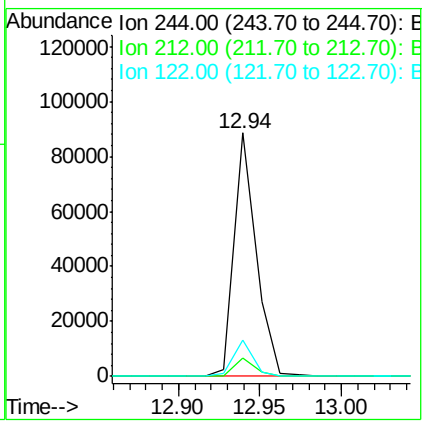


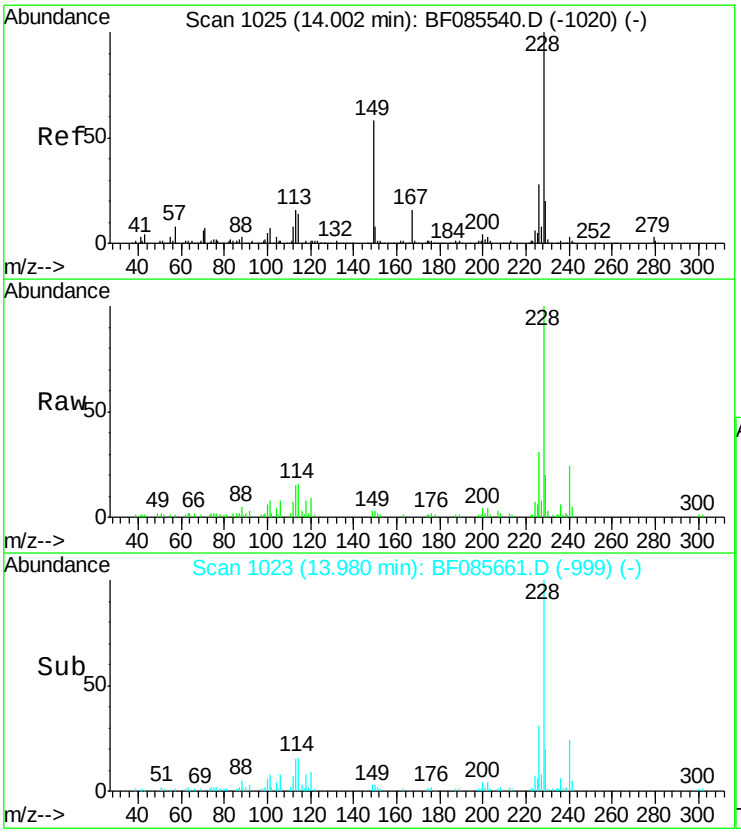
#78
Terphenyl-d14
Concen: 8.70 ng
RT: 12.94 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF085661.D
Acq: 22 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 81949

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.1	9.1
122	14.8	10.2	15.4

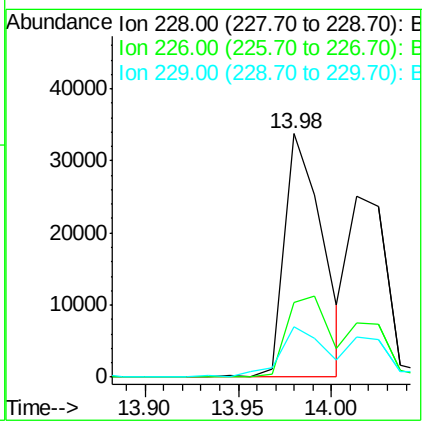


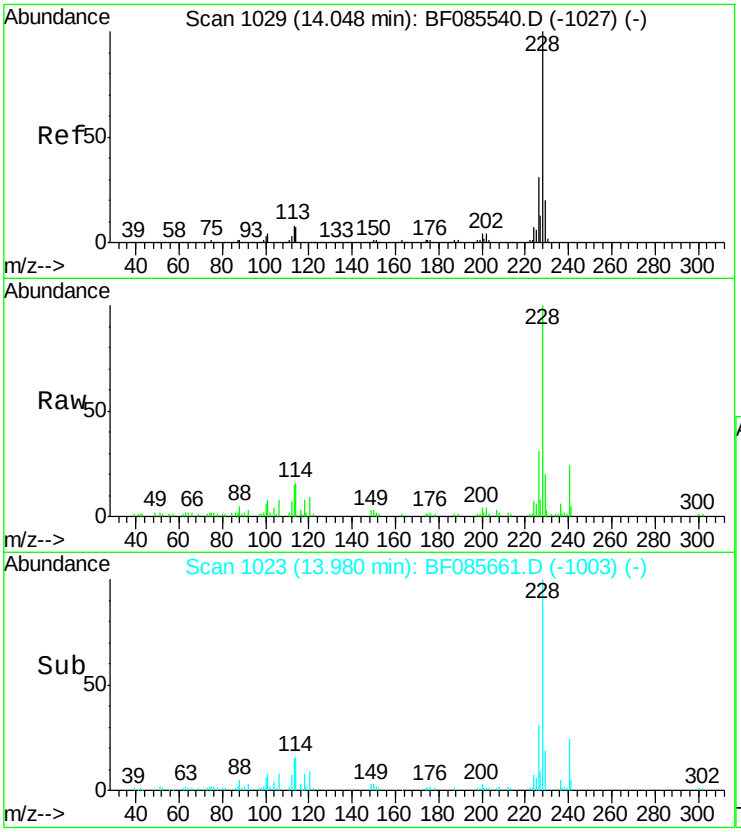


#80
Benzo(a)anthracene
Concen: 3.67 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF085661.D
Acq: 22 Mar 2016 11:44

Tgt Ion:228 Resp: 48315

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.1	33.1
229	20.5	16.2	24.4



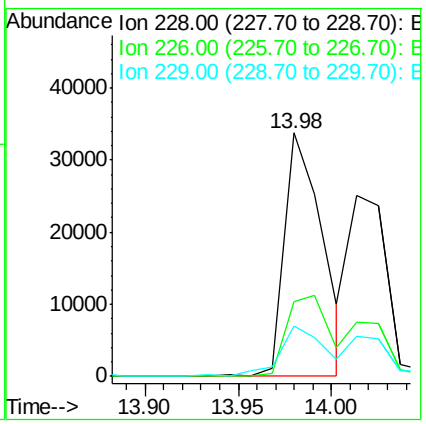


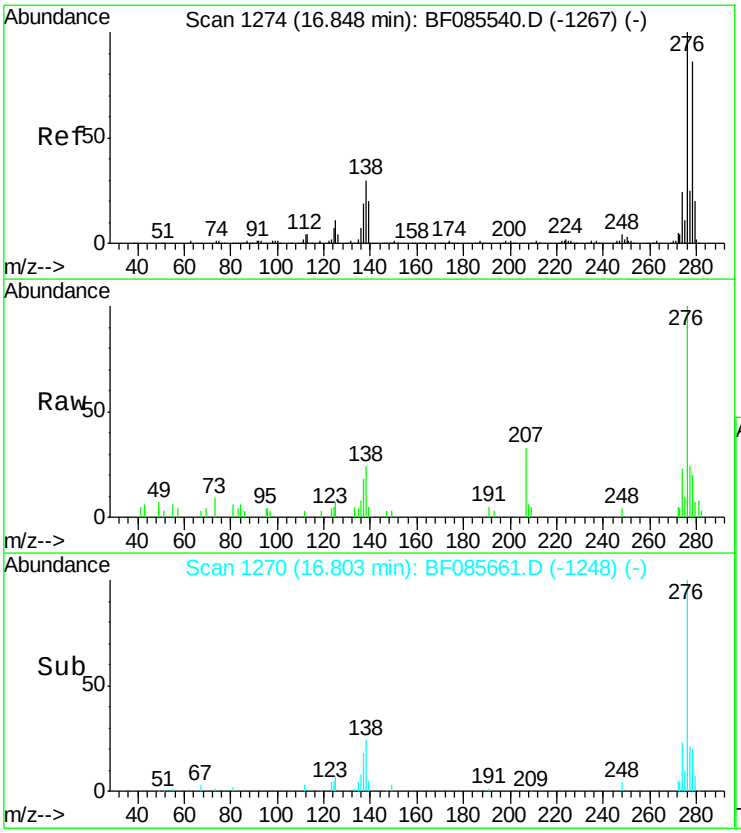
#82
Chrysene
Concen: 3.82 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.07 min
Lab File: BF085661.D
Acq: 22 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 48315

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.5	15.7	23.5

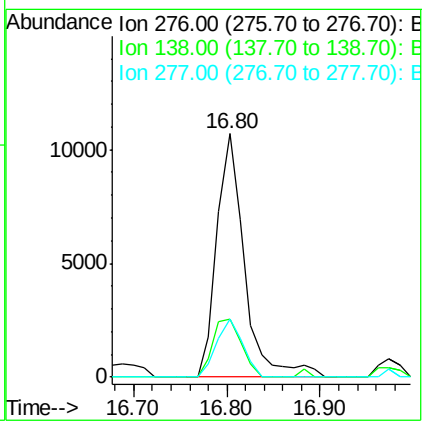


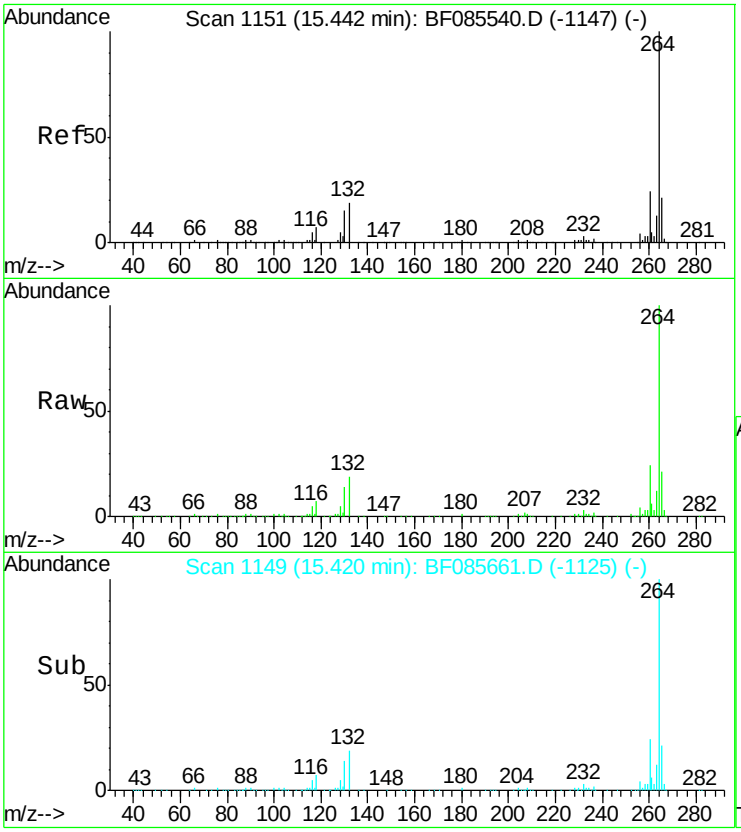


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.09 ng
RT: 16.80 min Scan# 1270
Delta R.T. -0.05 min
Lab File: BF085661.D
Acq: 22 Mar 2016 11:44

Tgt Ion:276 Resp: 22071

Ion	Ratio	Lower	Upper
276	100		
138	24.8	24.2	36.4
277	22.5	20.0	30.0



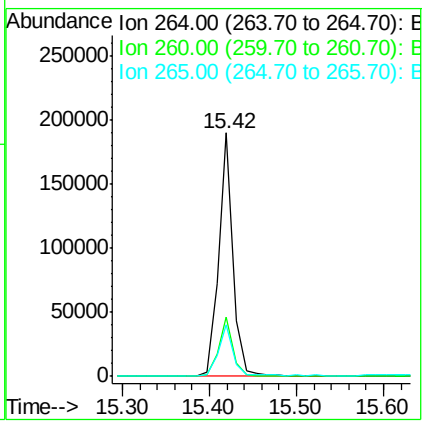


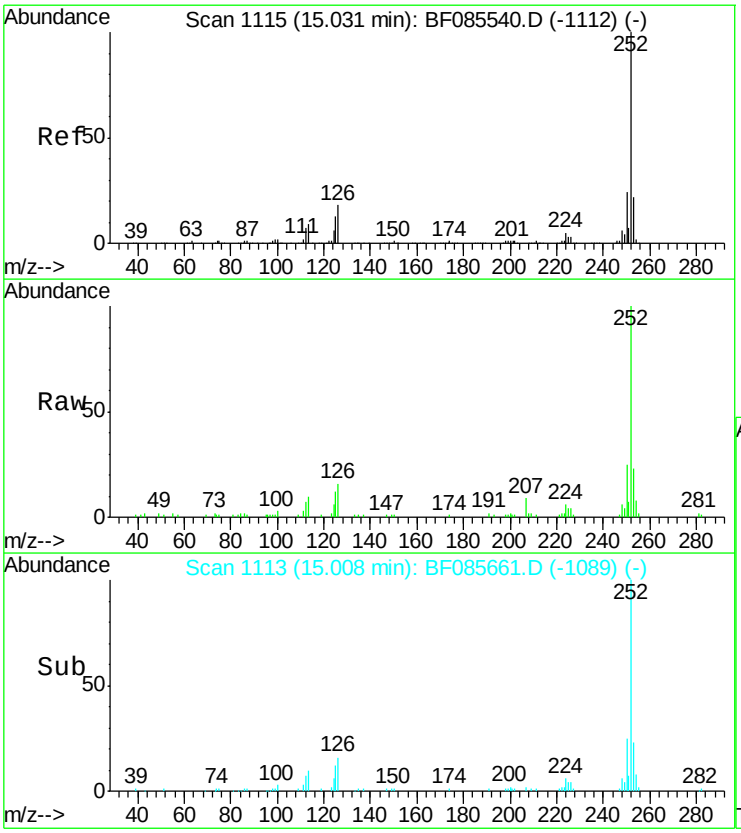
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF085661.D
Acq: 22 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 221367

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.3	17.2	25.8

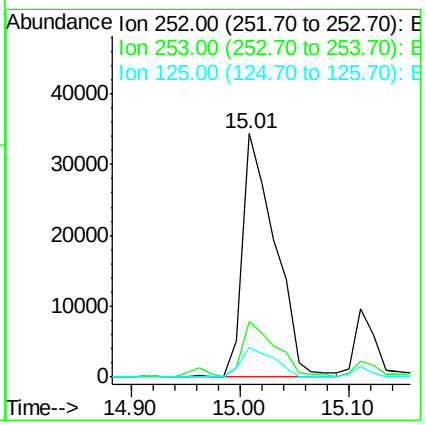


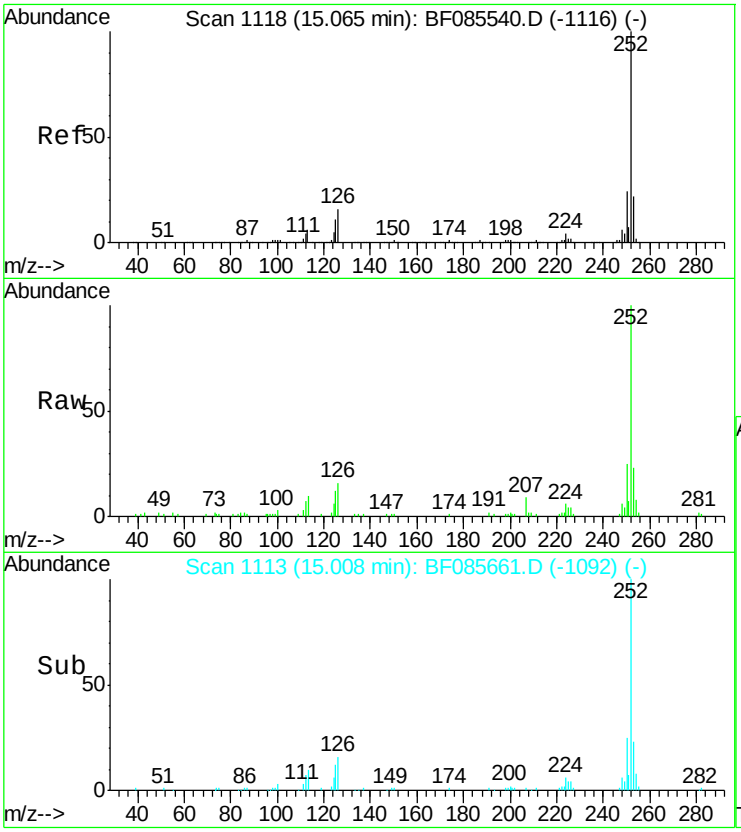


#87
Benzo(b)fluoranthene
Concen: 4.95 ng
RT: 15.01 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BF085661.D
Acq: 22 Mar 2016 11:44

Tgt Ion:252 Resp: 71493

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	12.3	10.3	15.5



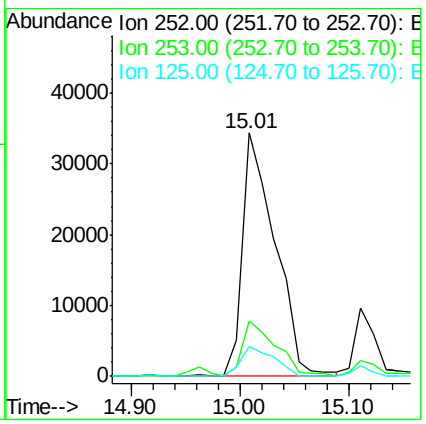


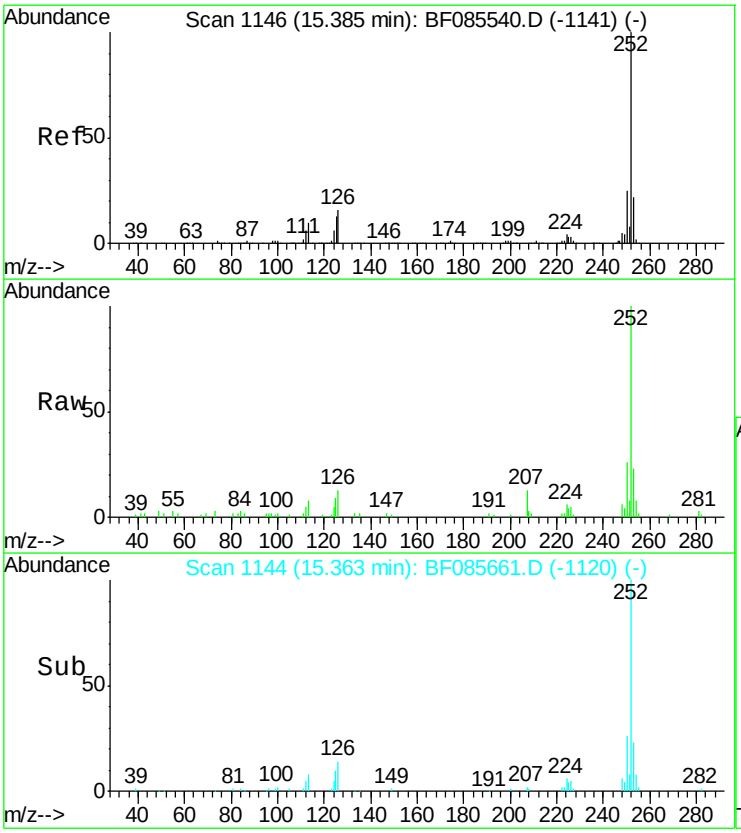
#88
Benzo(k)fluoranthene
Concen: 6.01 ng
RT: 15.01 min Scan# 1113
Delta R.T. -0.06 min
Lab File: BF085661.D
Acq: 22 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 71493

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	12.3	7.7	11.5#





#89
Benzo(a)pyrene
Concen: 3.14 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BF085661.D
Acq: 22 Mar 2016 11:44

Tgt Ion:252 Resp: 38501

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	9.4	10.3	15.5#