Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
Data File : BF088265.D
Acq On : 22 Jun 2016 22:43
Operator : UM/SJ
Sample : H3660-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 23 02:28:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	77243	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	318872	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	144392	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	235505	20.00	ng		-0.01
75) Chrysene-d12	13.75	240	158390	20.00	ng		0.00
86) Perylene-d12	15.11	264	152506	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	531237	117.57	ng		0.01
7) Phenol-d6	6.26	99	674101	123.10	ng		0.00
23) Nitrobenzene-d5	7.18	82	441184	80.79	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	139609	91.57	ng		-0.01
44) 2-Fluorobiphenyl	8.97	172	767374	83.38	ng		0.00
78) Terphenyl-d14	12.70	244	518048	74.43	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.27	94	1937	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.18	70	57644	16.46	ng	#	69
25) Isophorone	7.18	82	441175	43.62	ng	#	65
45) 1,1'-Biphenyl	8.97	154	1455	Below Cal		#	1
49) Dimethylphthalate	9.37	163	161428	15.43	ng		99
56) 2,4-Dinitrotoluene	9.63	165	18727	6.08	ng	#	36
57) Fluorene	10.19	166	614	Below Cal		#	91
64) 4,6-Dinitro-2-methylphenol	10.42	198	221	2.31	ng	#	1
66) 4-Bromophenyl-phenylether	10.42	248	8766	3.47	ng	#	1
74) Fluoranthene	12.32	202	27050	2.07	ng		94
77) Pyrene	12.55	202	24522	2.09	ng		99
87) Benzo(b)fluoranthene	14.75	252	22371	2.10	ng	#	84
88) Benzo(k)fluoranthene	14.75	252	22371	2.79	ng	#	89

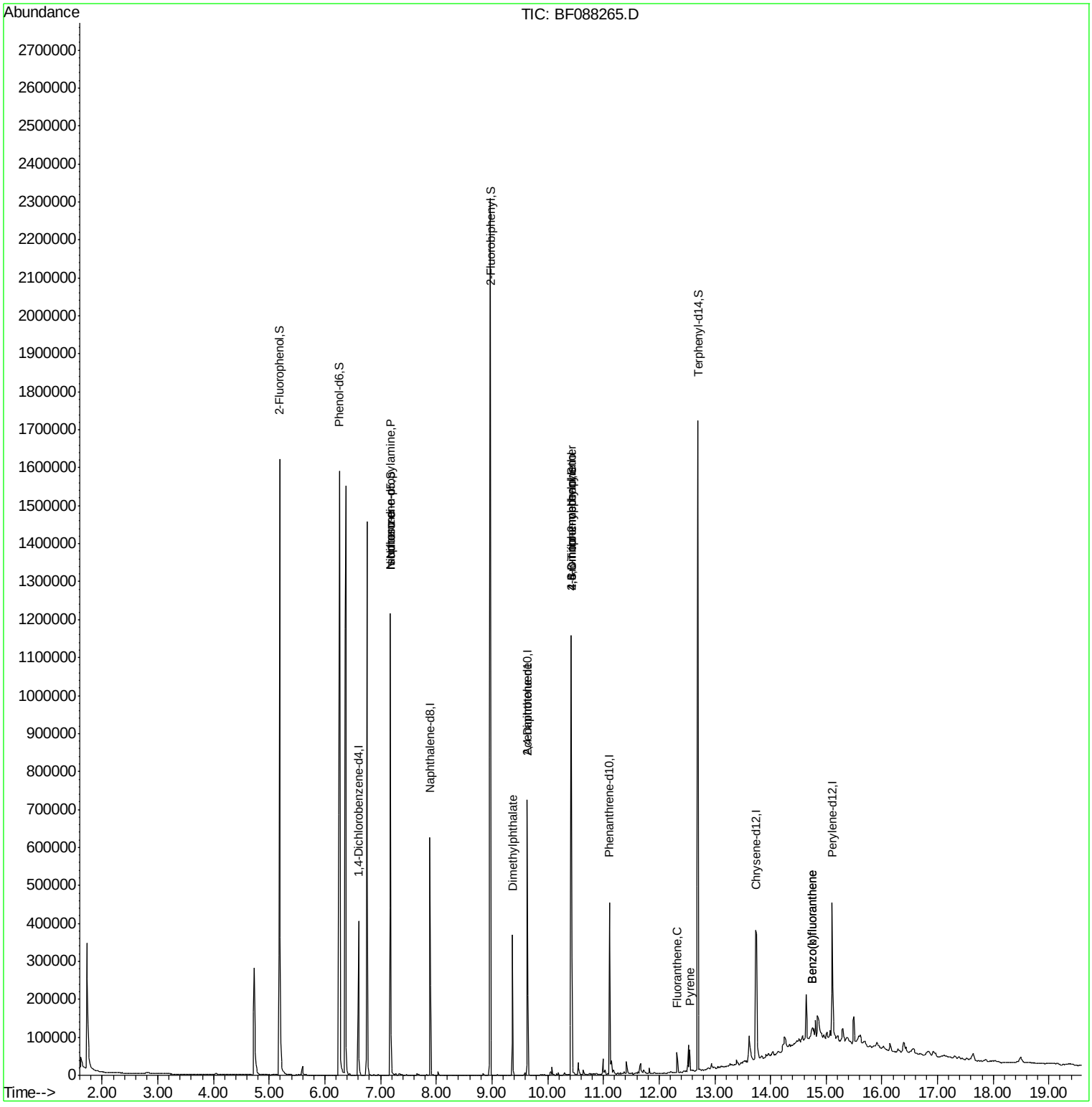
(#) = qualifier out of range (m) = manual integration (+) = signals summed

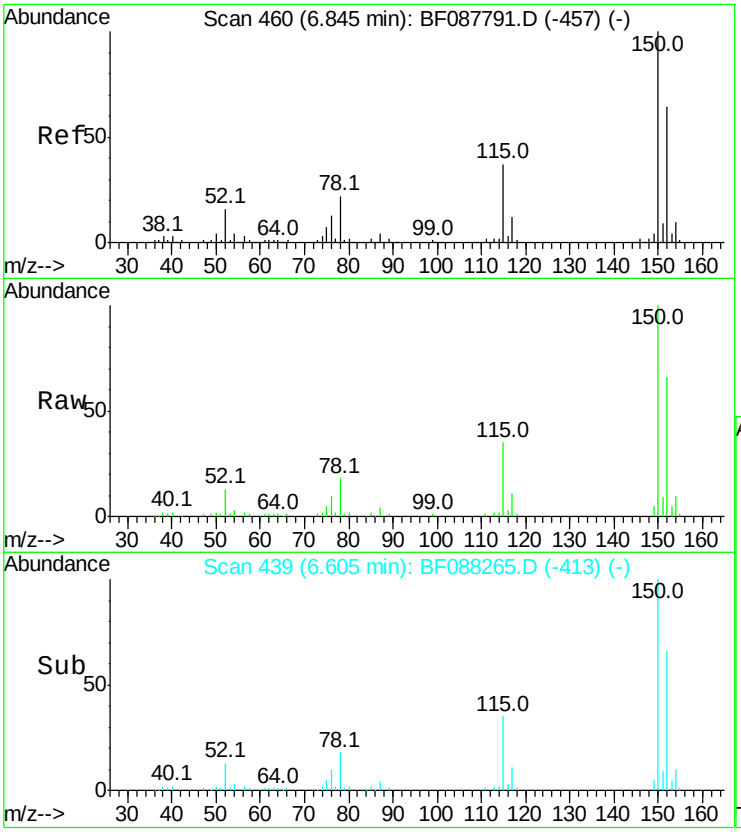
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
Data File : BF088265.D
Acq On : 22 Jun 2016 22:43
Operator : UM/SJ
Sample : H3660-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 23 02:28:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration



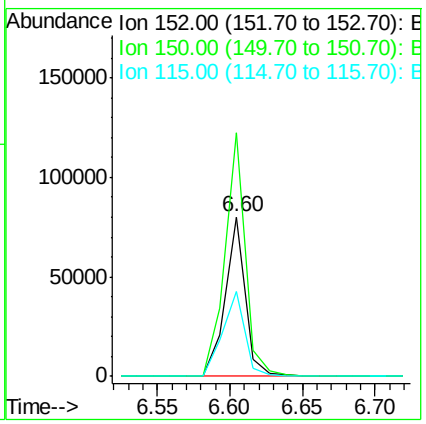


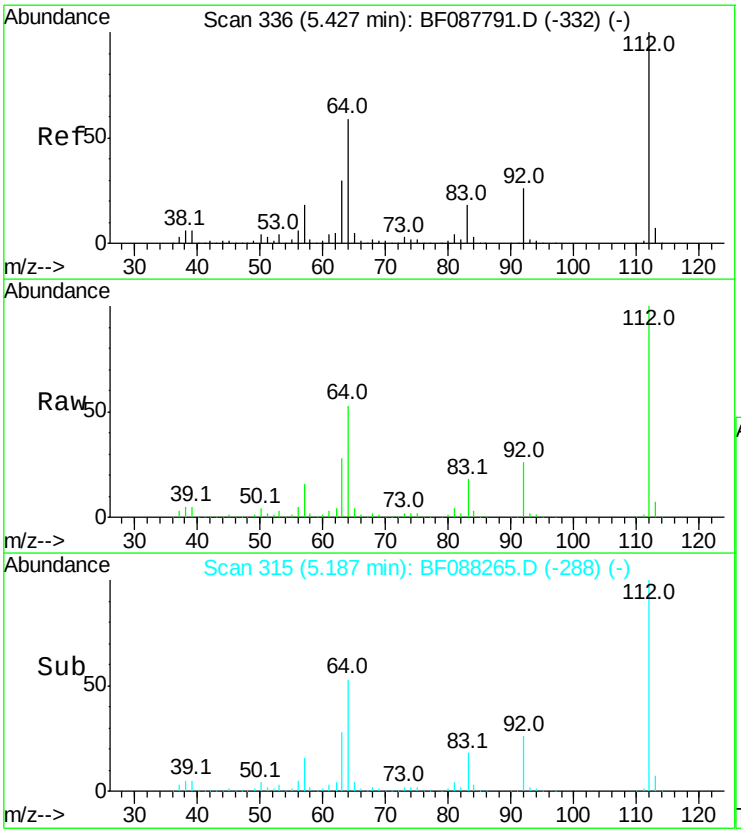
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 77243

Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.8	185.6
115	53.1	39.6	59.4

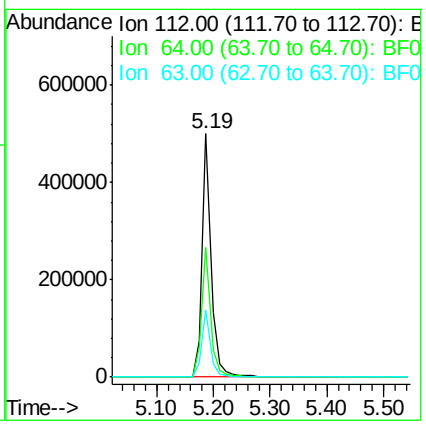


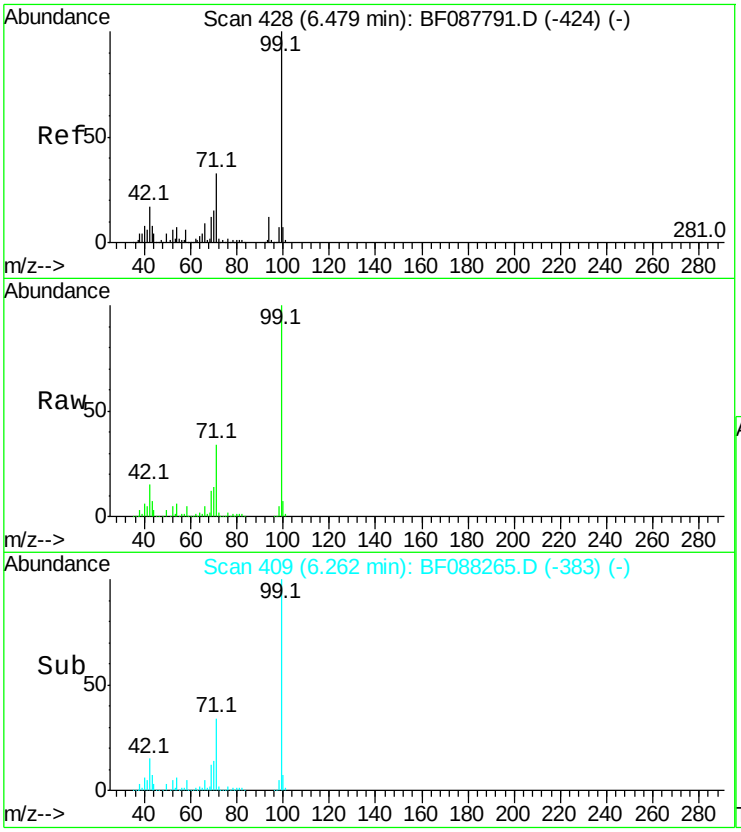


#5
2-Fluorophenol
Concen: 117.57 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.01 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Tgt Ion:112 Resp: 531237

Ion	Ratio	Lower	Upper
112	100		
64	53.4	42.2	63.2
63	27.7	21.8	32.8



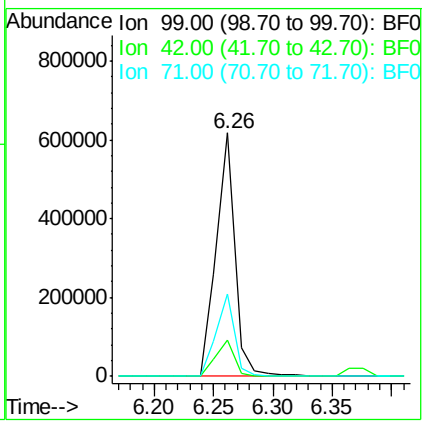


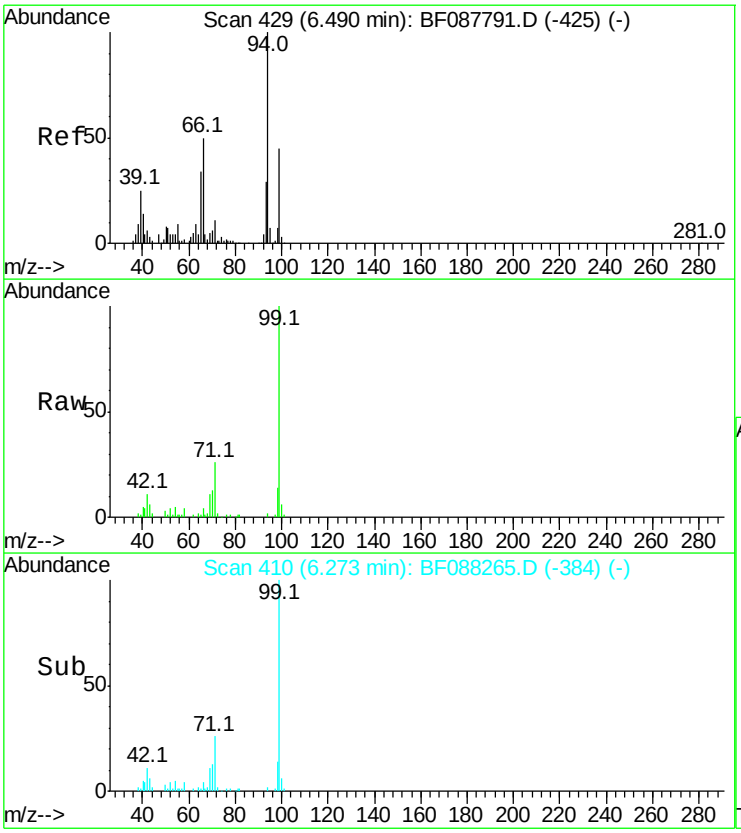
#7
Phenol-d6
Concen: 123.10 ng
RT: 6.26 min Scan# 409
Delta R.T. 0.00 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 674101

Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.2	18.2
71	33.6	23.4	35.0

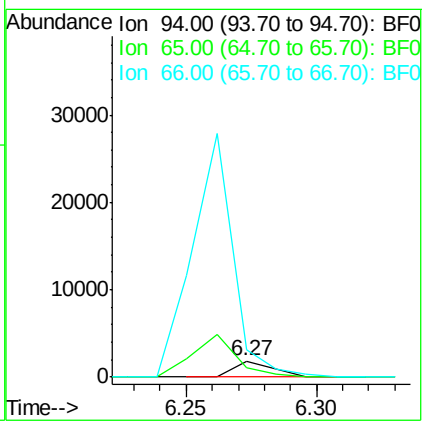


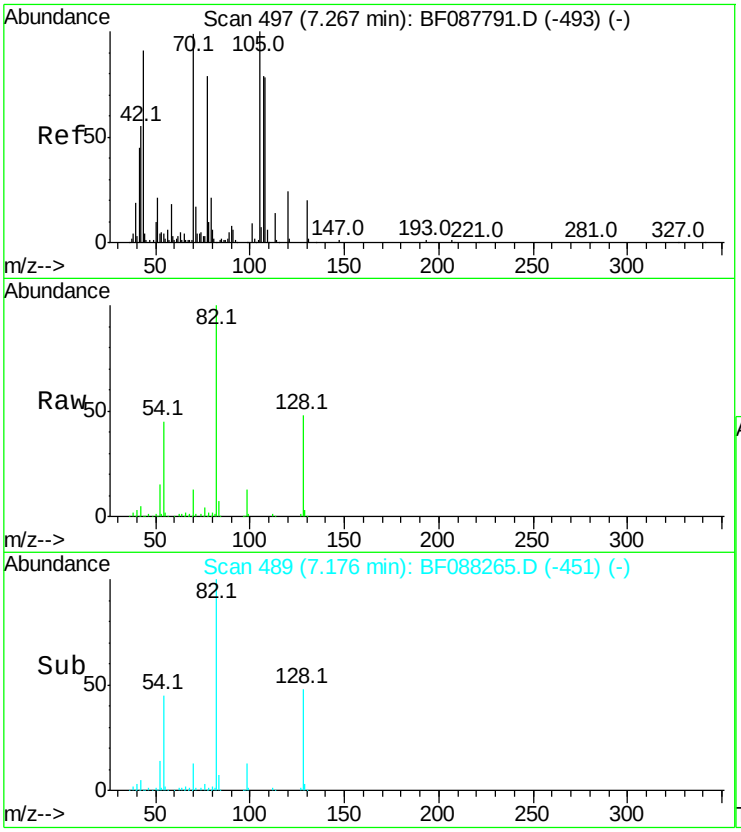


#10
Phenol
Concen: Below Cal
RT: 6.27 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Tgt Ion: 94 Resp: 1937

Ion	Ratio	Lower	Upper
94	100		
65	55.4	5.9	45.9#
66	169.6	14.0	54.0#



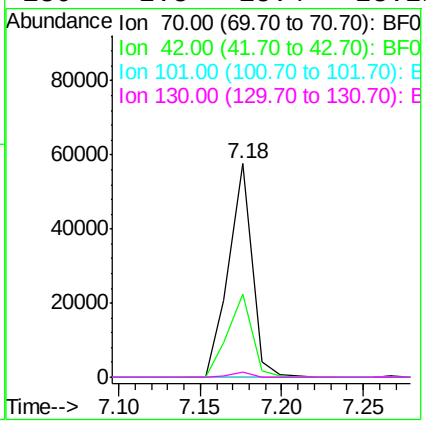


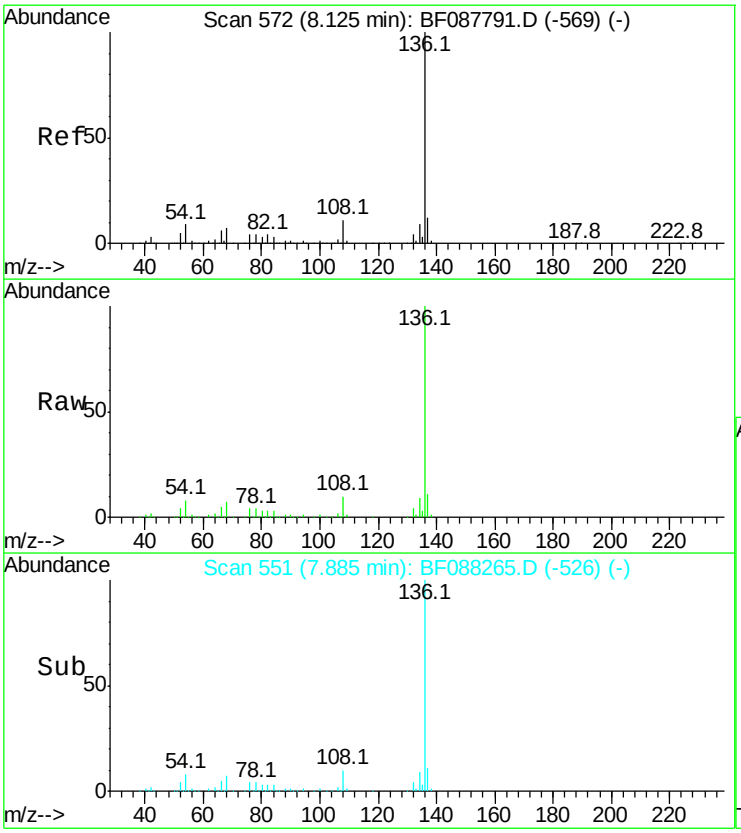
#19
n-Nitroso-di-n-propylamine
Concen: 16.46 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.14 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 57644

Ion	Ratio	Lower	Upper
70	100		
42	38.7	49.6	74.4#
101	0.0	7.1	10.7#
130	2.3	15.4	23.2#

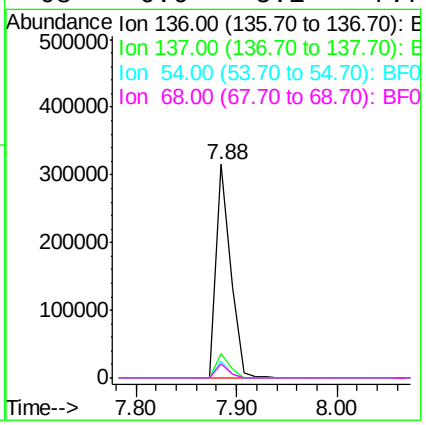


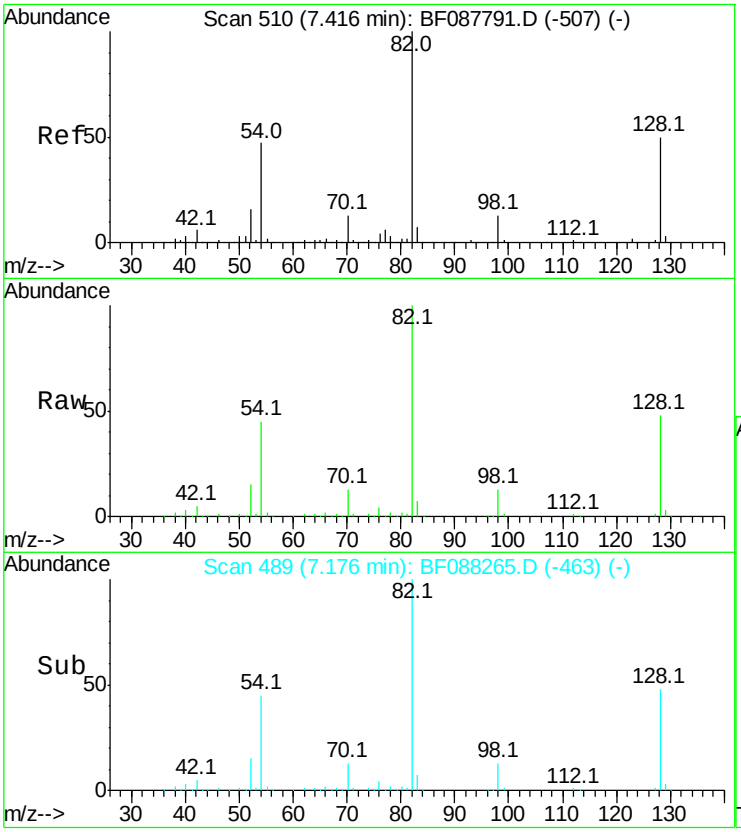


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Tgt Ion:136 Resp: 318872

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.8	6.6	10.0
68	6.6	5.1	7.7



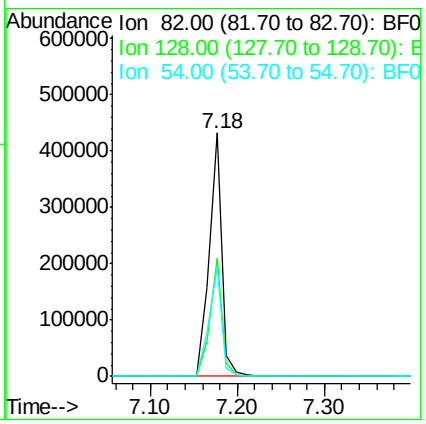


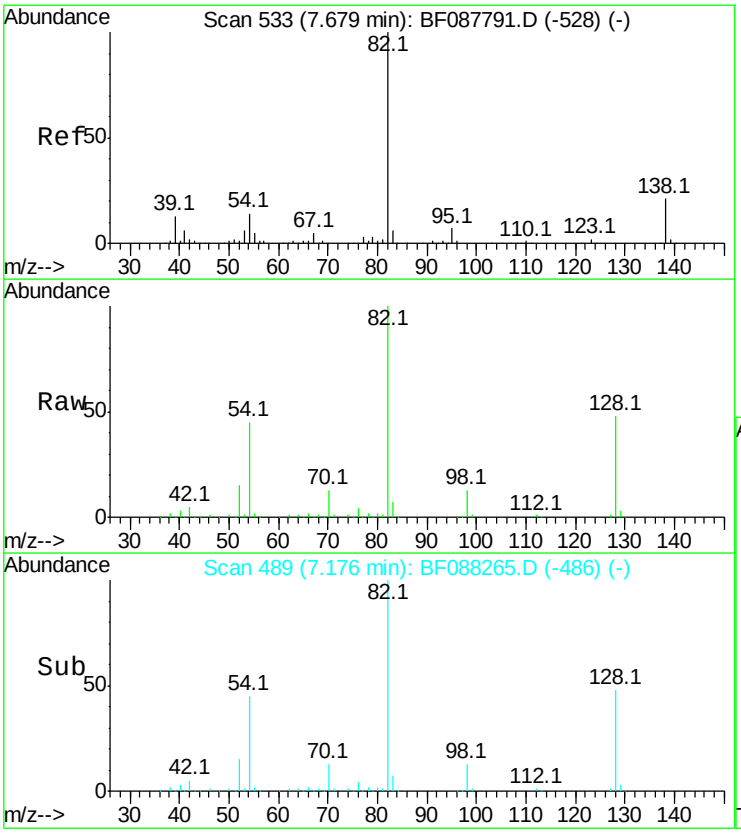
#23
Nitrobenzene-d5
Concen: 80.79 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 441184

Ion	Ratio	Lower	Upper
82	100		
128	48.5	35.9	53.9
54	45.0	40.9	61.3

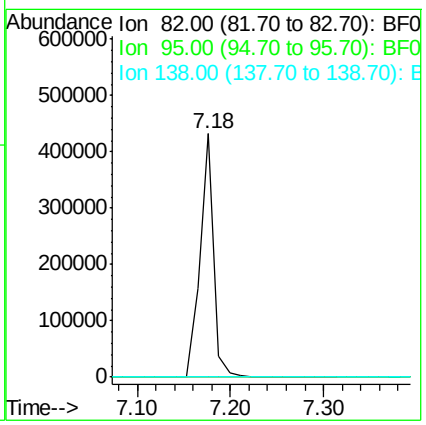


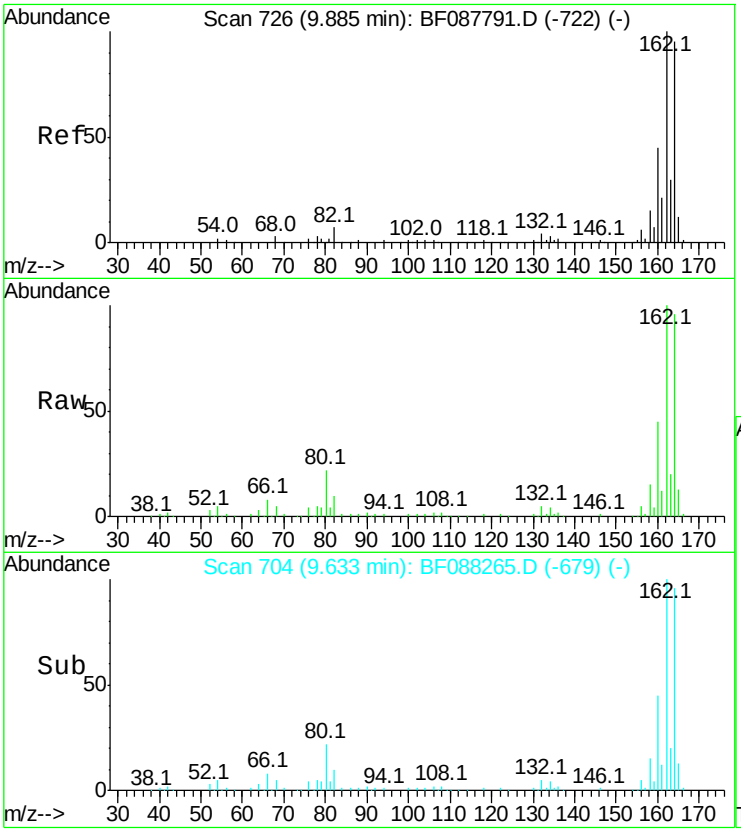


#25
Isophorone
Concen: 43.62 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.26 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Tgt Ion: 82 Resp: 441175

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#



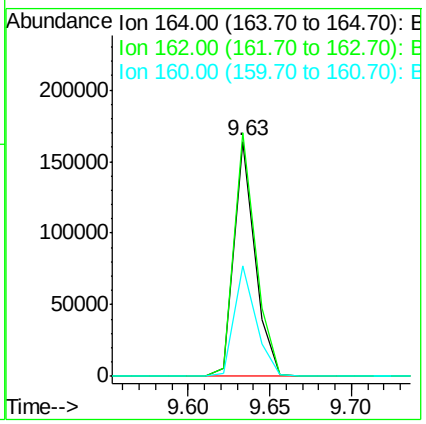


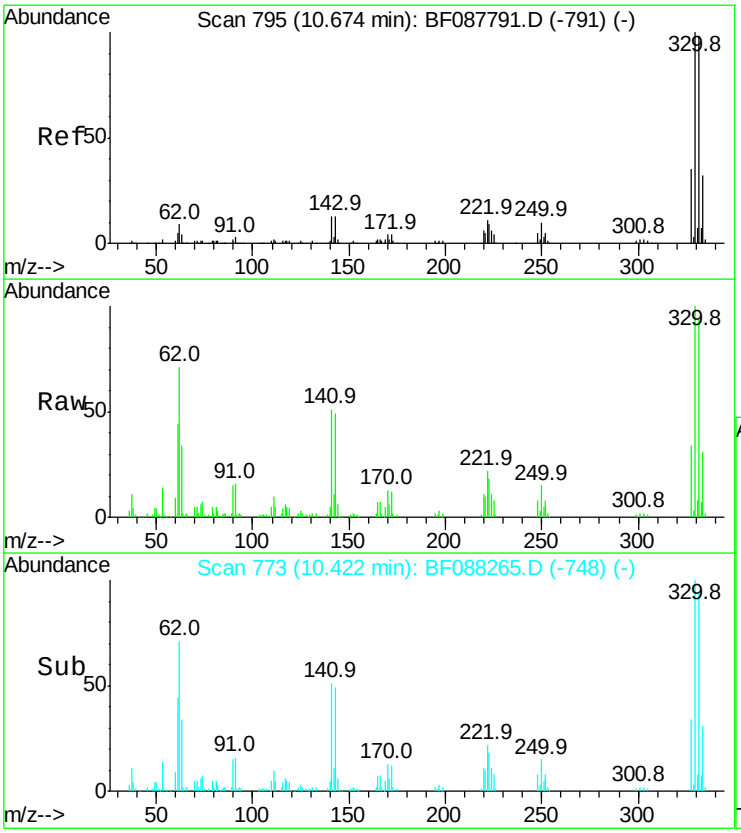
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 144392

Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.4	128.2
160	46.9	39.5	59.3

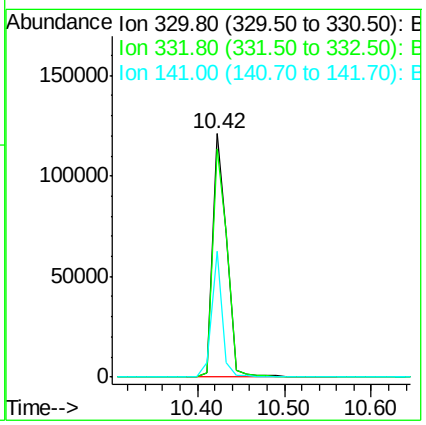


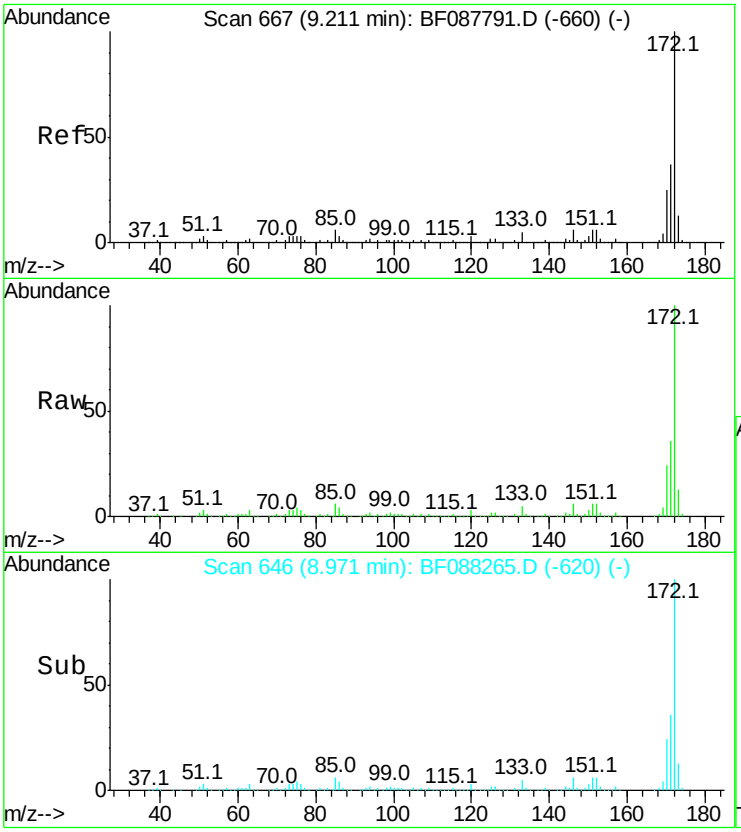


#41
2,4,6-Tribromophenol
Concen: 91.57 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Tgt Ion:330 Resp: 139609

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	38.7	0.0	0.0#



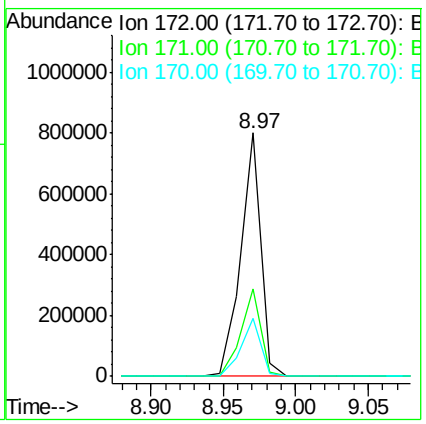


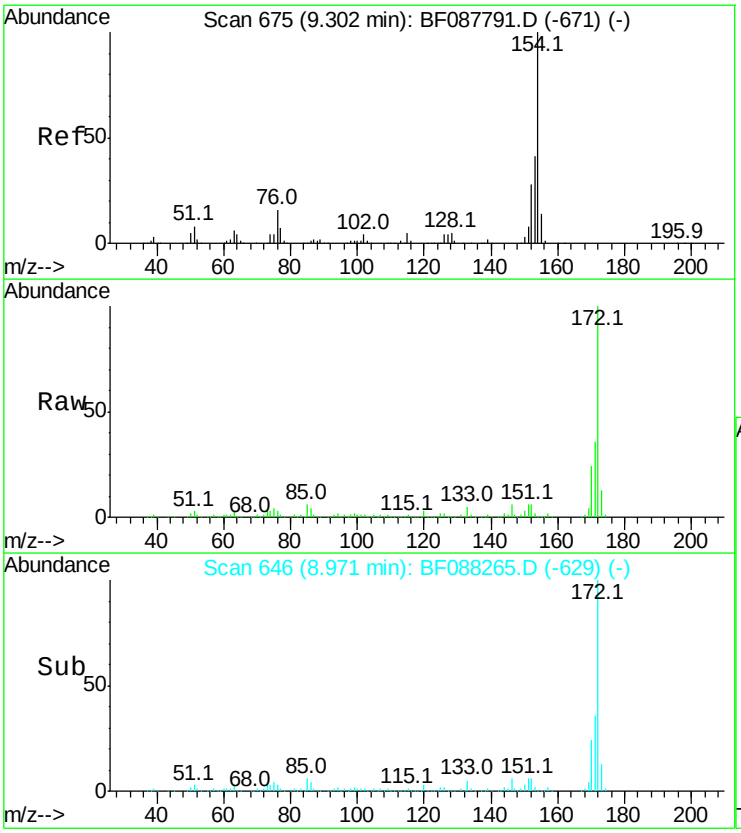
#44
2-Fluorobiphenyl
Concen: 83.38 ng
RT: 8.97 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 767374

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.9	19.2	28.8

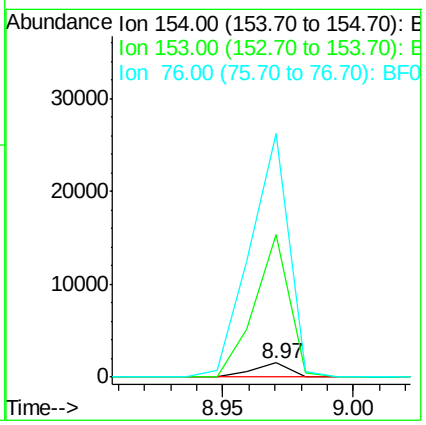


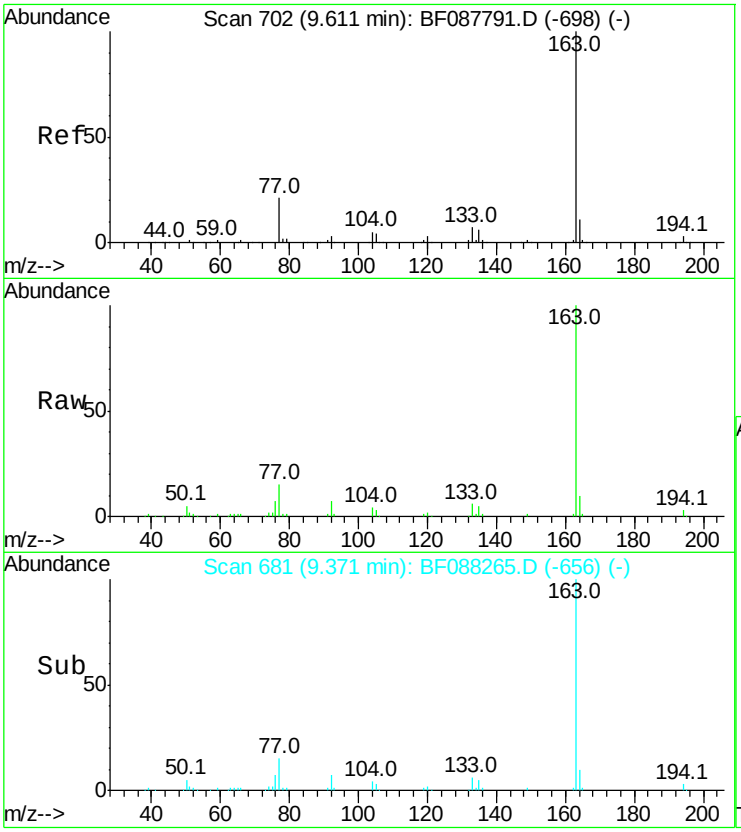


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 8.97 min Scan# 646
Delta R.T. -0.10 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Tgt Ion:154 Resp: 1455

Ion	Ratio	Lower	Upper
154	100		
153	1023.9	20.6	60.6#
76	1751.0	0.0	35.1#



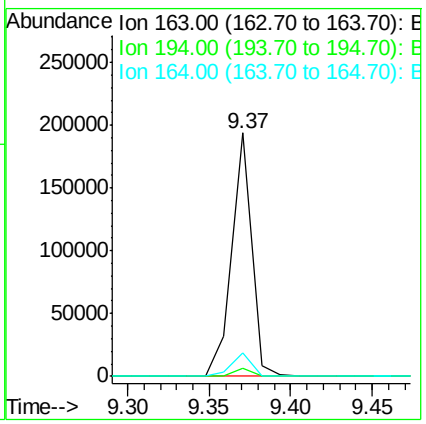


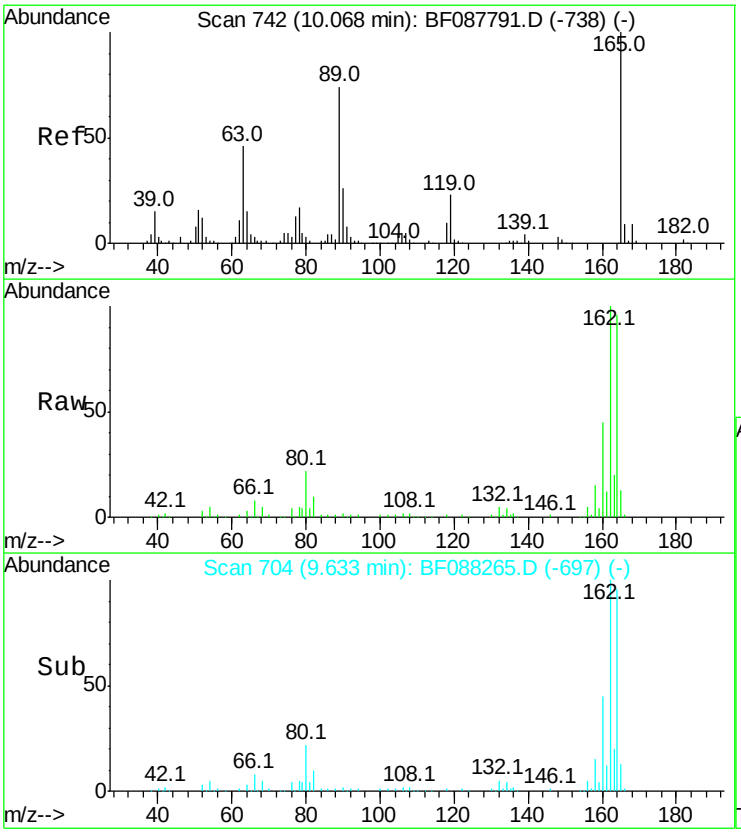
#49
Dimethylphthalate
Concen: 15.43 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 161428

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.8	8.3	12.5

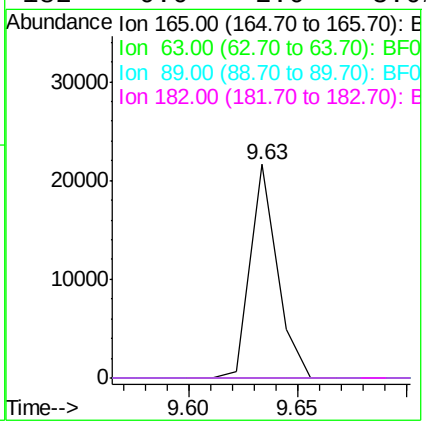


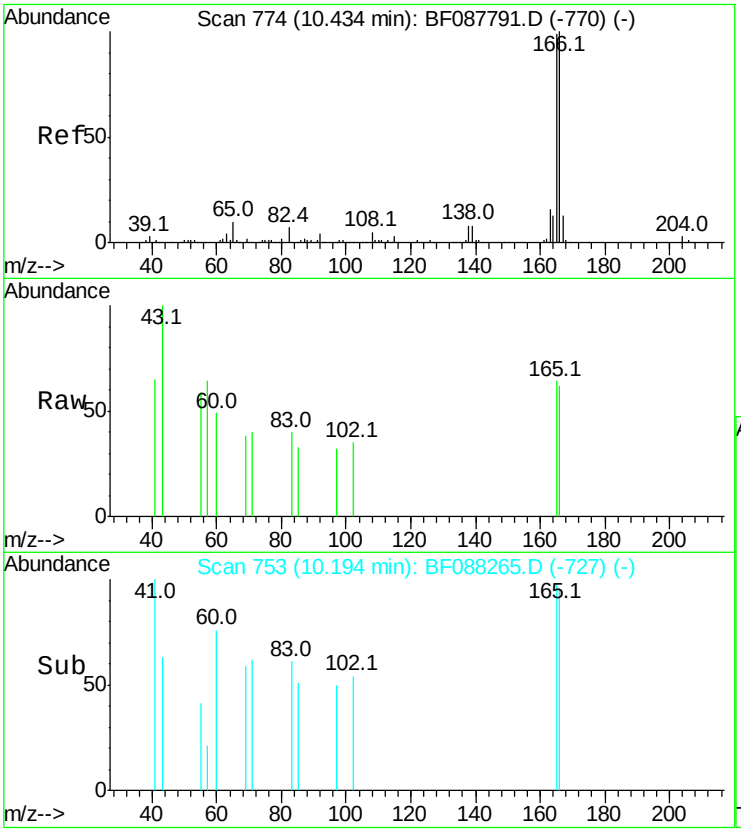


#56
2,4-Dinitrotoluene
Concen: 6.08 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.22 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Tgt Ion:165 Resp: 18727

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



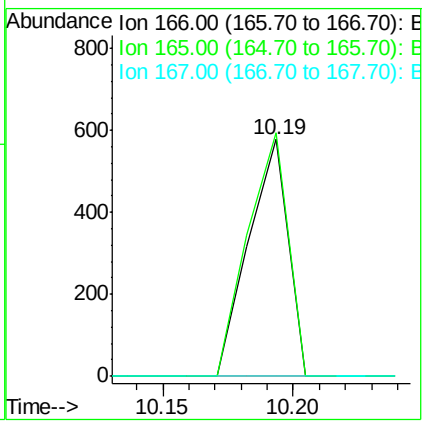


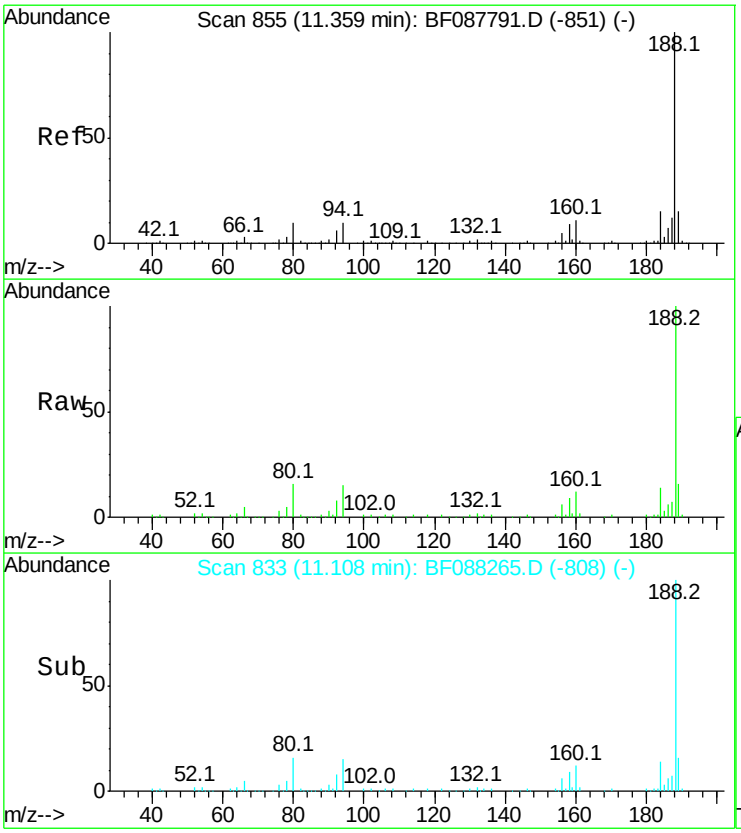
#57
Fluorene
Concen: Below Cal
RT: 10.19 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 614

Ion	Ratio	Lower	Upper
166	100		
165	102.8	77.8	116.8
167	0.0	11.2	16.8#

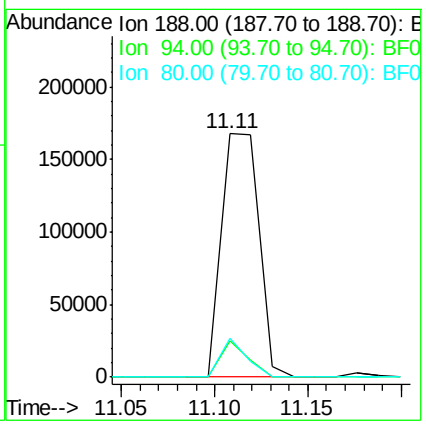


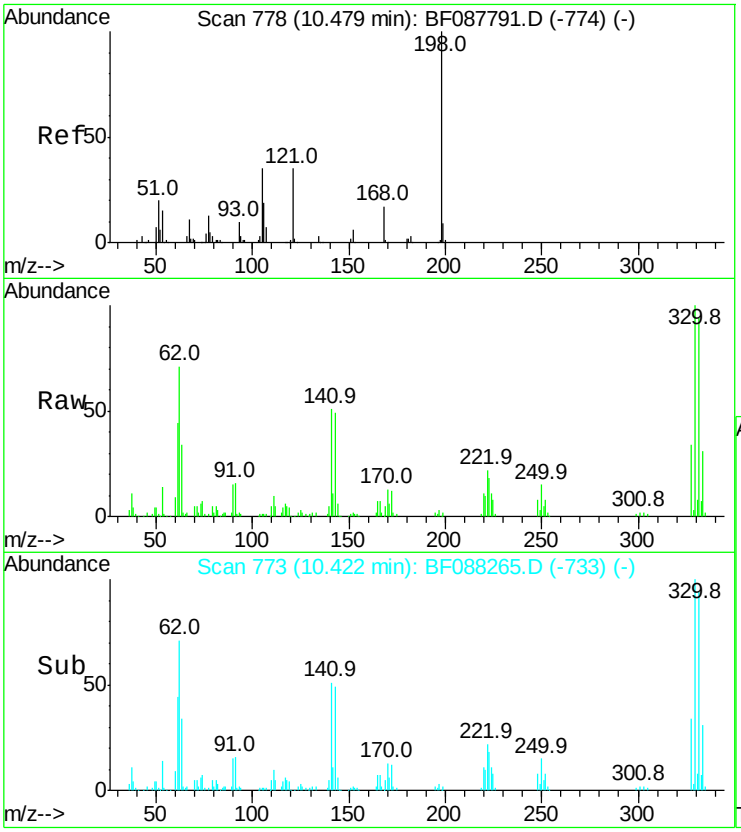


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Tgt Ion:188 Resp: 235505

Ion	Ratio	Lower	Upper
188	100		
94	14.8	9.0	13.6#
80	16.2	10.0	15.0#



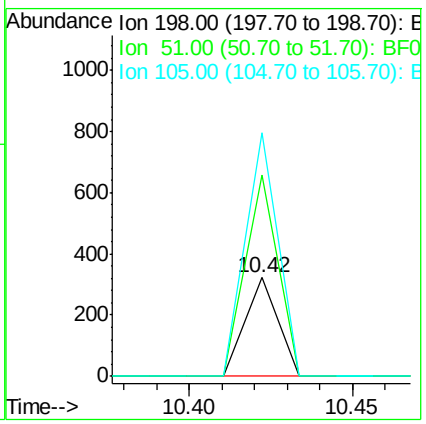


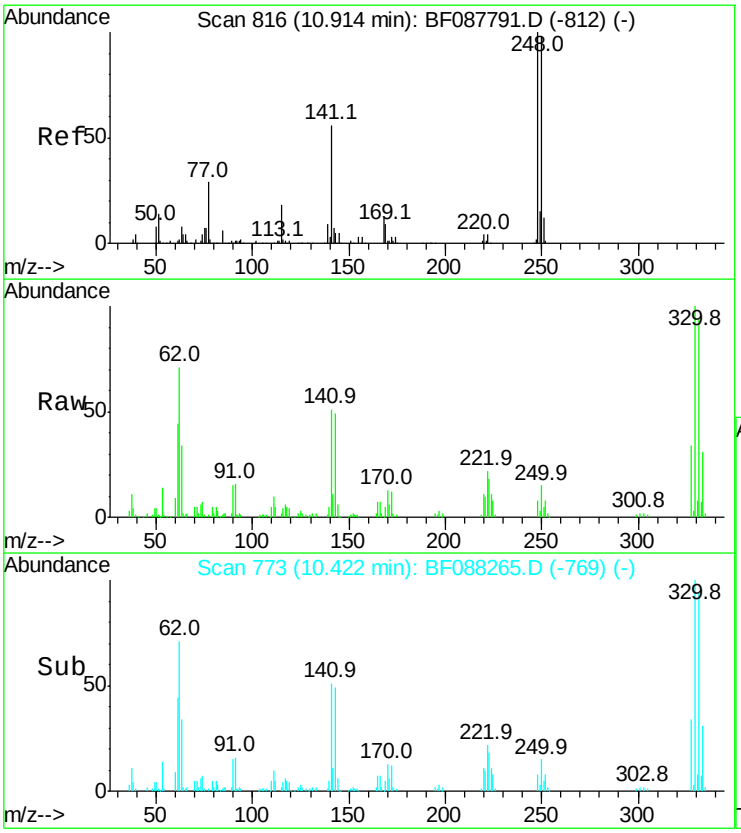
#64
4,6-Dinitro-2-methylphenol
Concen: 2.31 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.16 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 221

Ion	Ratio	Lower	Upper
198	100		
51	204.3	39.6	79.6#
105	247.2	36.6	76.6#

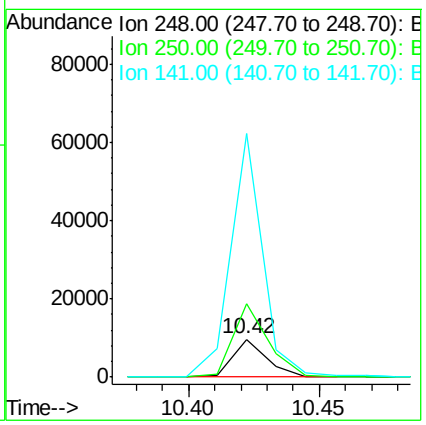


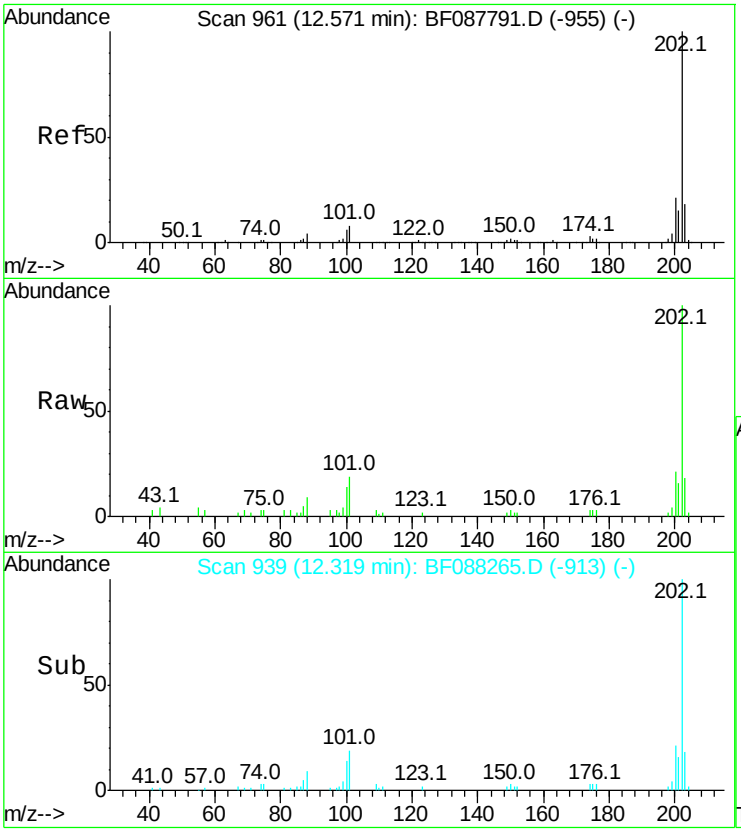


#66
4-Bromophenyl-phenylether
Concen: 3.47 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.25 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Tgt Ion:248 Resp: 8766

Ion	Ratio	Lower	Upper
248	100		
250	193.5	77.1	115.7#
141	642.9	50.6	76.0#



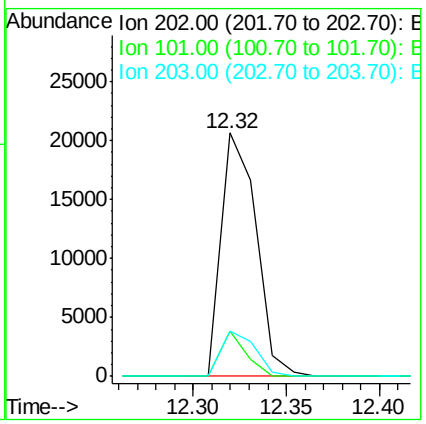


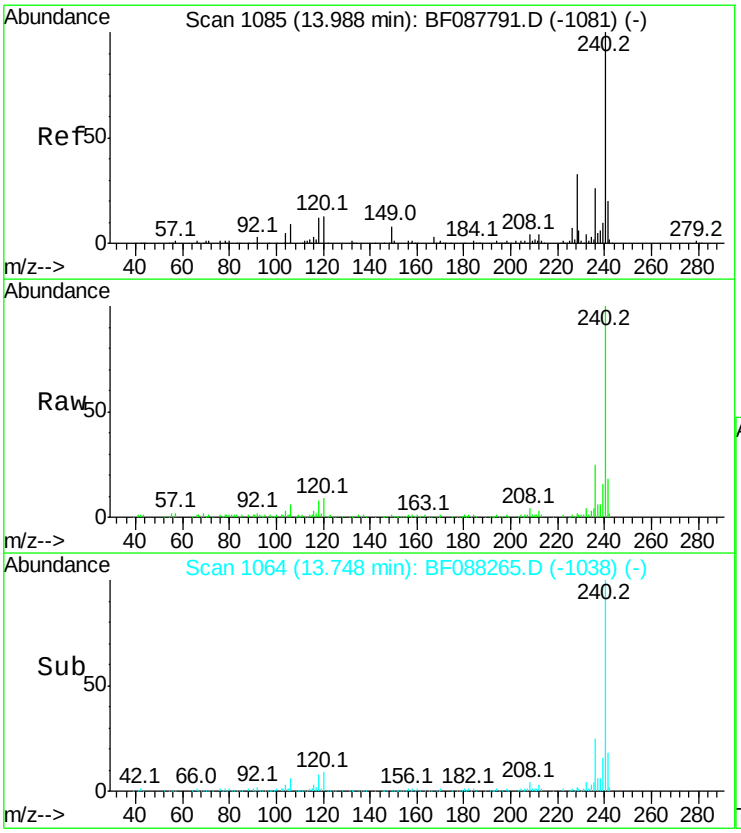
#74
Fluoranthene
Concen: 2.07 ng
RT: 12.32 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 27050

Ion	Ratio	Lower	Upper
202	100		
101	18.7	0.0	33.1
203	18.4	0.0	38.1

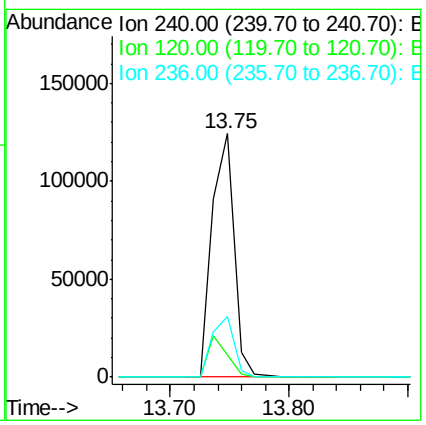


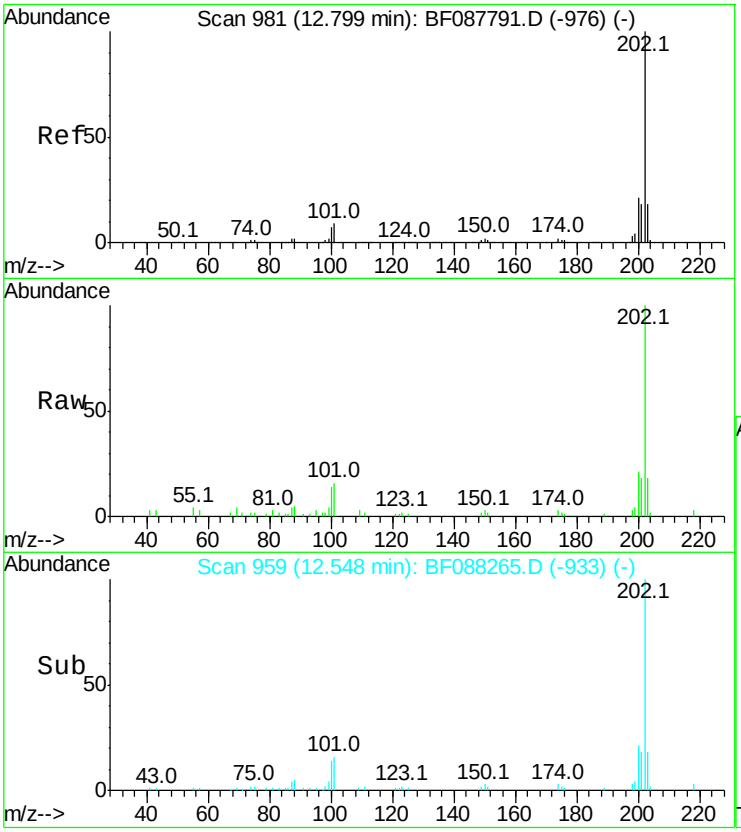


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Tgt Ion:240 Resp: 158390

Ion	Ratio	Lower	Upper
240	100		
120	9.3	6.8	10.2
236	24.8	20.2	30.2



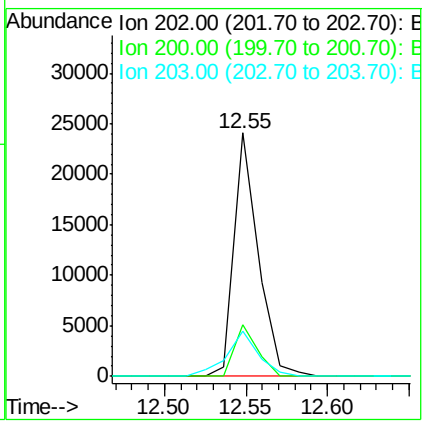


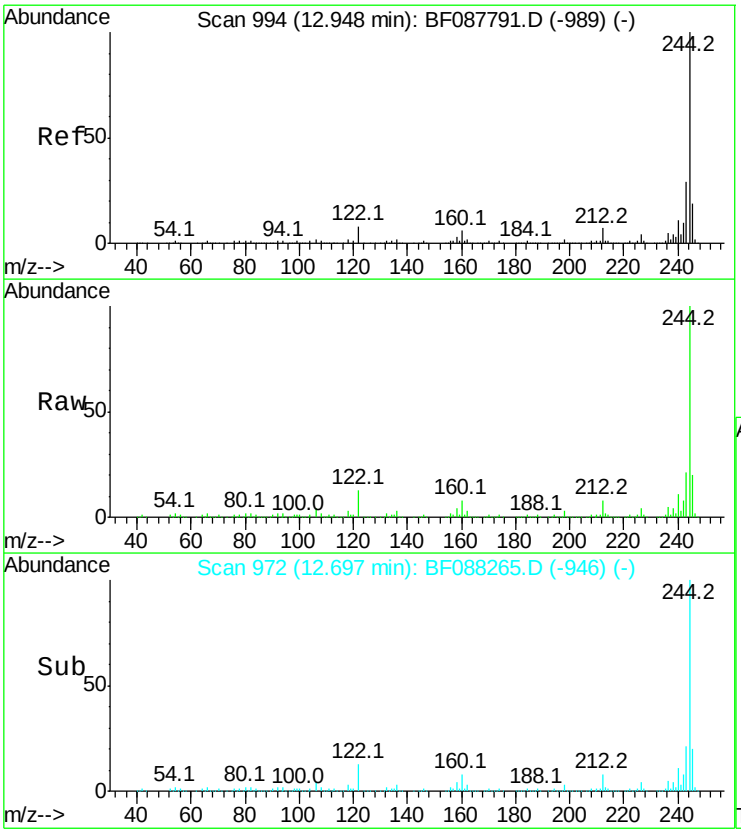
#77
Pyrene
Concen: 2.09 ng
RT: 12.55 min Scan# 959
Delta R.T. 0.00 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 24522

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.4	14.5	21.7

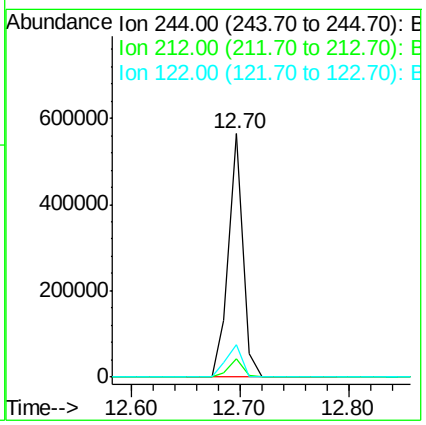


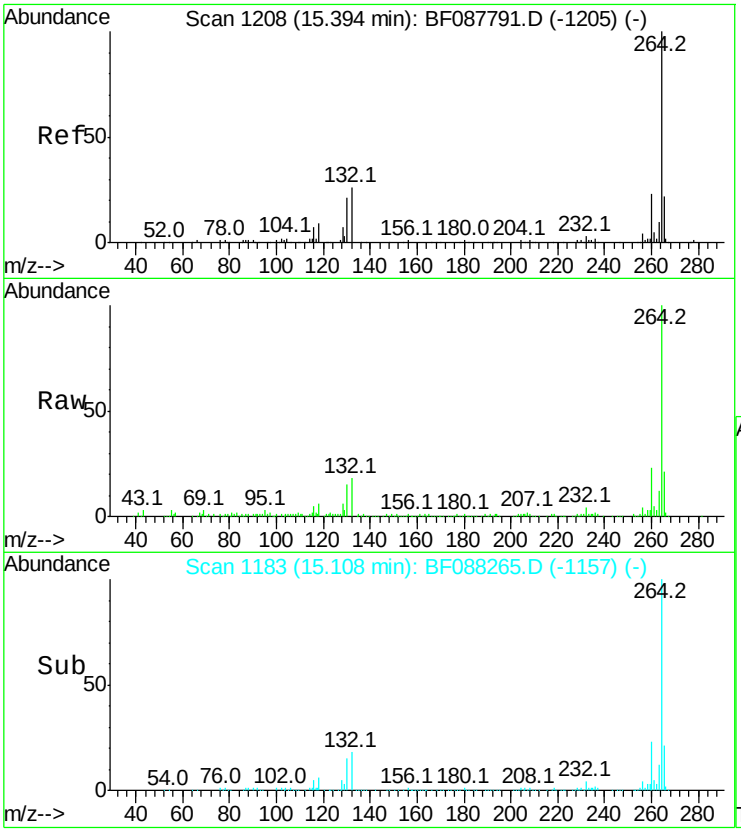


#78
Terphenyl-d14
Concen: 74.43 ng
RT: 12.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Tgt Ion:244 Resp: 518048

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.1	11.2	16.8



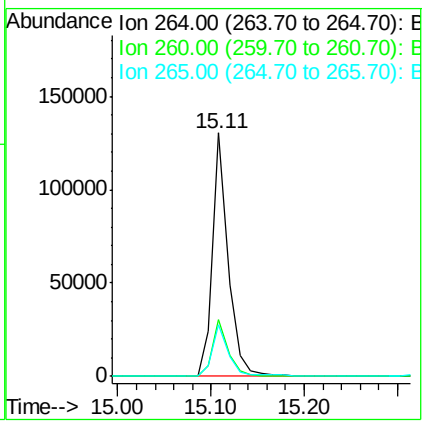


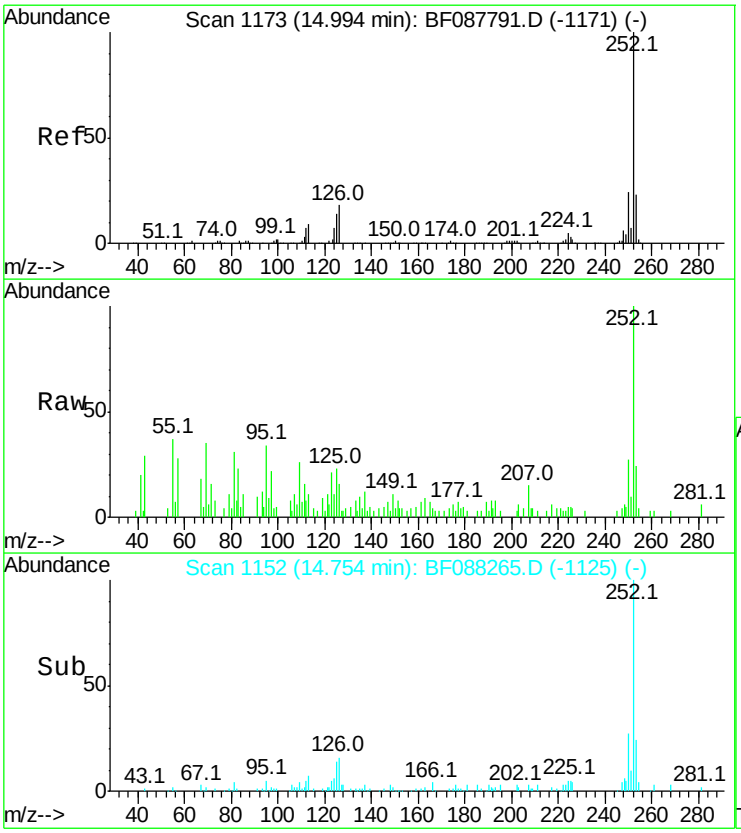
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 152506

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.2	16.9	25.3

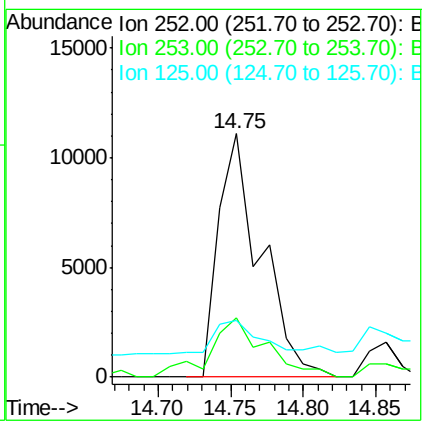


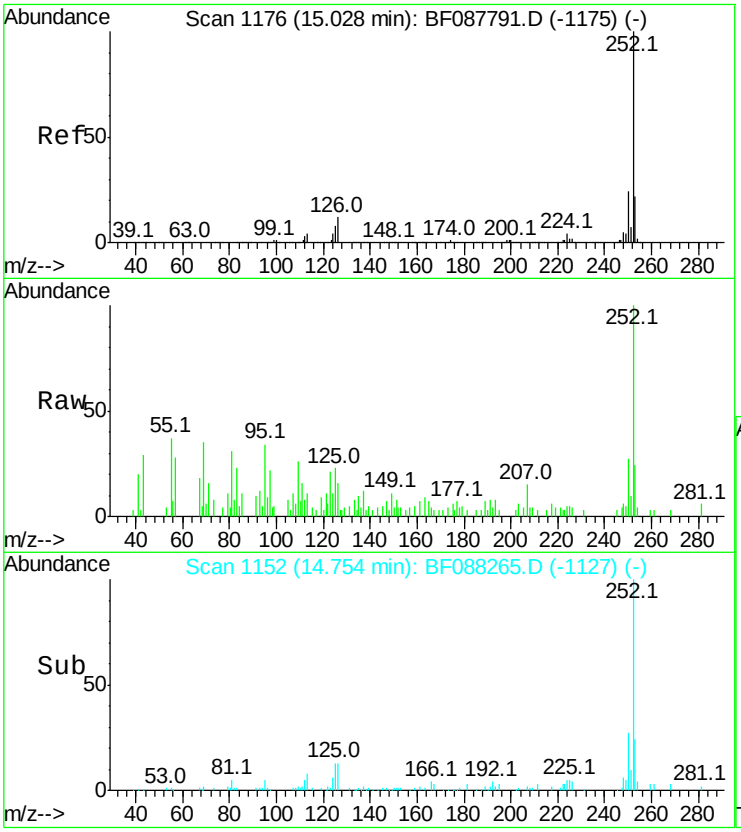


#87
Benzo(b)fluoranthene
Concen: 2.10 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Tgt Ion:252 Resp: 22371

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.4	26.2
125	23.4	7.1	10.7#





#88
Benzo(k)fluoranthene
Concen: 2.79 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 22371

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	23.4	11.2	16.8#