Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088406.D
Acq On : 26 Jun 2016 7:29
Operator : UM/SJ
Sample : H3602-11
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q8-B1(0-5)C

Quant Time: Jun 26 08:12:38 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	6.72	152	219881	20.00	ng		0.11
21) Naphthalene-d8	7.85	136	312750	20.00	ng		-0.05
38) Acenaphthene-d10	9.59	164	132679	20.00	ng		-0.06
63) Phenanthrene-d10	11.06	188	213081	20.00	ng		-0.06
75) Chrysene-d12	13.69	240	163452	20.00	ng		-0.06
86) Perylene-d12	15.05	264	119515	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	461651	35.89	ng		-0.03
7) Phenol-d6	6.23	99	570024	36.57	ng		-0.03
23) Nitrobenzene-d5	7.13	82	341215	63.71	ng		-0.05
41) 2,4,6-Tribromophenol	10.38	330	107548	76.77	ng		-0.06
44) 2-Fluorobiphenyl	8.92	172	598332	69.86	ng		-0.05
78) Terphenyl-d14	12.66	244	394424	54.91	ng		-0.03
Target Compounds							Qvalue
10) Phenol	6.33	94	694	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.13	70	43587	4.37	ng	#	73
25) Isophorone	7.13	82	331929	33.46	ng	#	65
45) 1,1'-Biphenyl	9.03	154	538	Below Cal		#	43
49) Dimethylphthalate	9.32	163	82336	8.57	ng		99
56) 2,4-Dinitrotoluene	9.59	165	17246	6.10	ng	#	37
57) Fluorene	10.14	166	2312	Below Cal		#	85
66) 4-Bromophenyl-phenylether	10.38	248	6565	2.87	ng	#	1
74) Fluoranthene	12.27	202	25876	2.19	ng	#	1
77) Pyrene	12.51	202	40169	3.31	ng		96
80) Benzo(a)anthracene	13.72	228	21750	2.34	ng	#	82
82) Chrysene	13.72	228	21750	2.48	ng	#	87
87) Benzo(b)fluoranthene	14.70	252	17630	2.12	ng	#	1
88) Benzo(k)fluoranthene	14.70	252	17630	2.81	ng	#	11

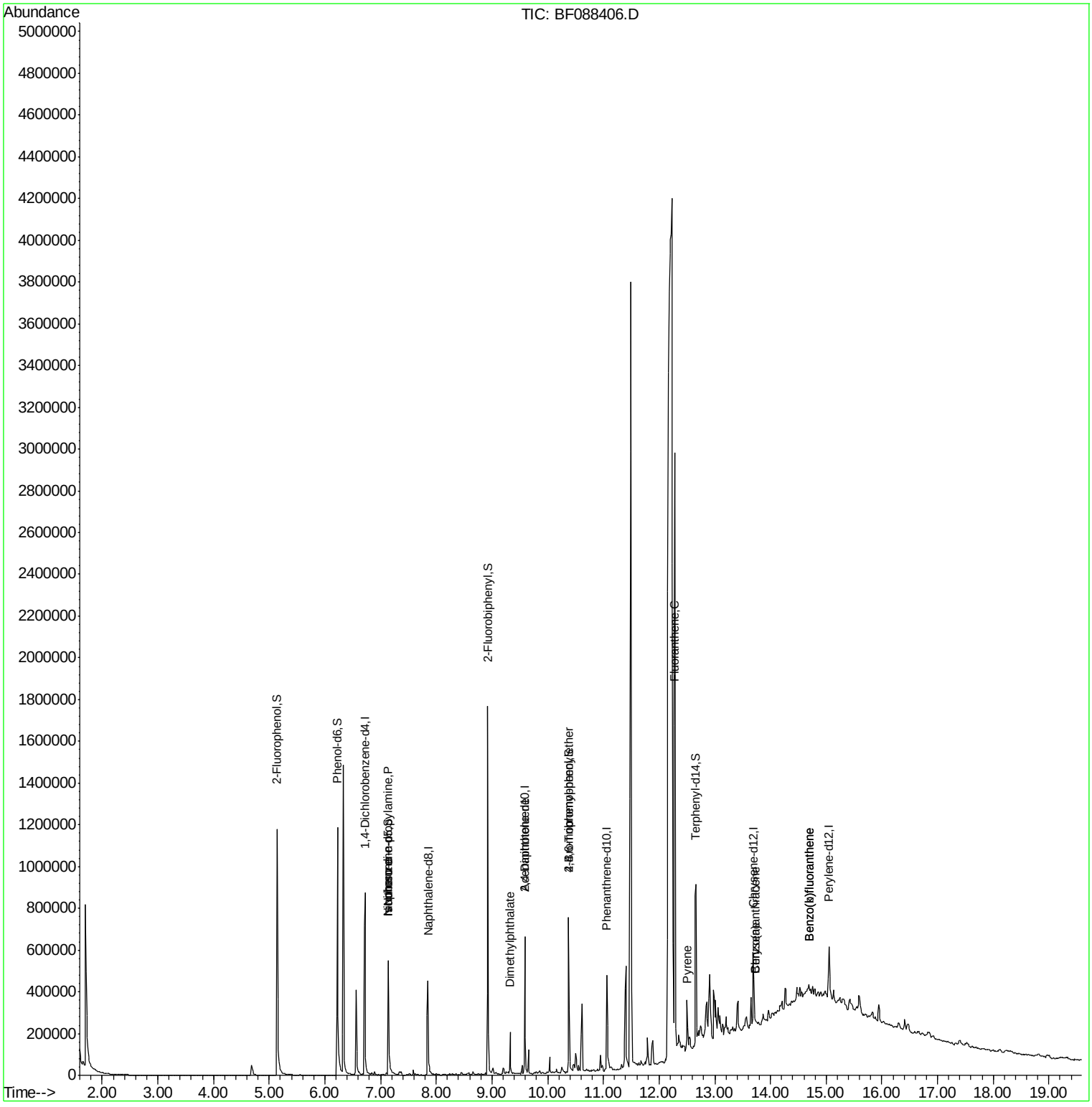
(#) = qualifier out of range (m) = manual integration (+) = signals summed

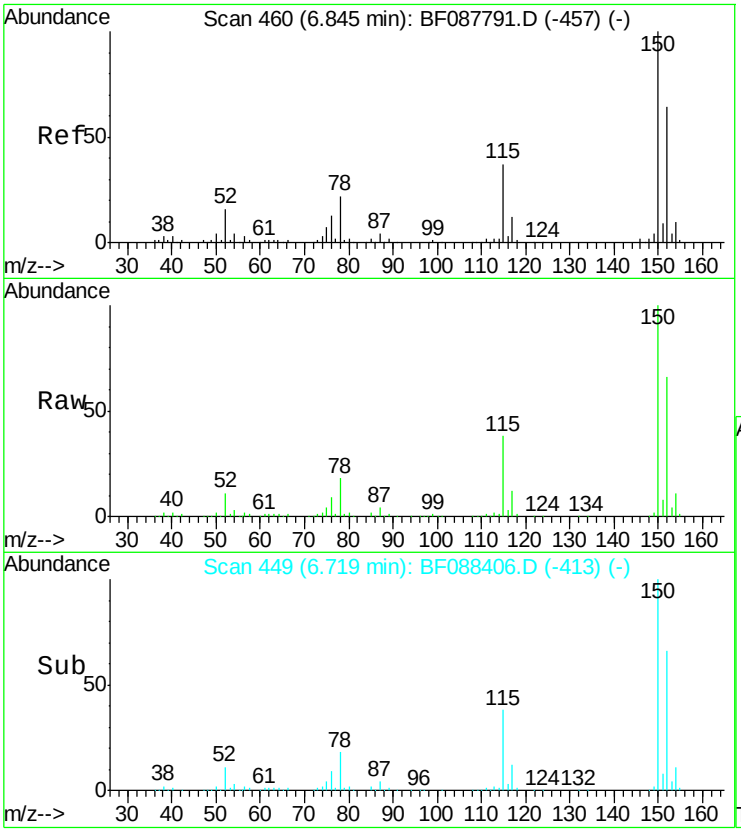
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088406.D
Acq On : 26 Jun 2016 7:29
Operator : UM/SJ
Sample : H3602-11
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q8-B1(0-5)C

Quant Time: Jun 26 08:12:38 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



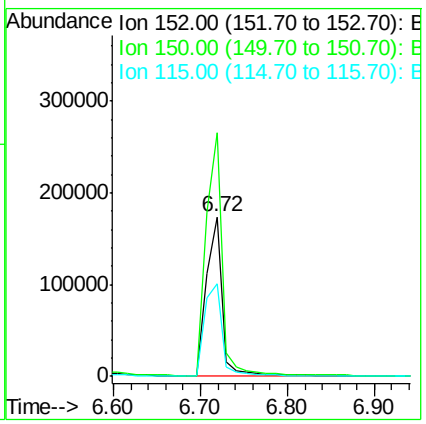


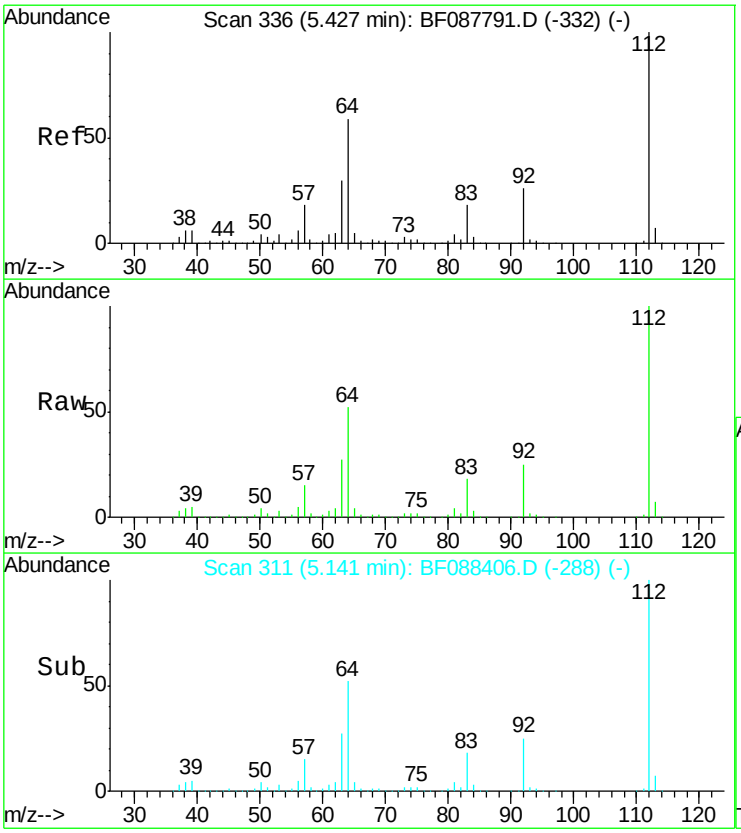
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 449
Delta R.T. 0.11 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Instrument :
BNA_F
ClientSampleId :
Q8-B1(0-5)C

Tgt Ion:152 Resp: 219881

Ion	Ratio	Lower	Upper
152	100		
150	152.6	123.8	185.6
115	57.7	39.6	59.4

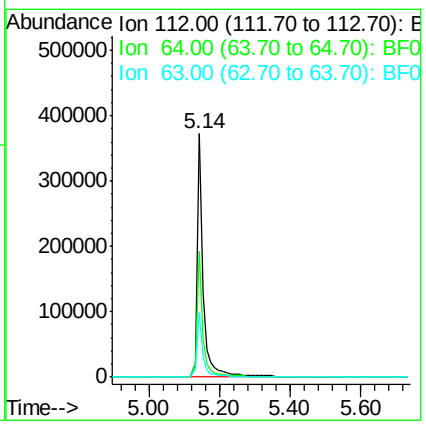


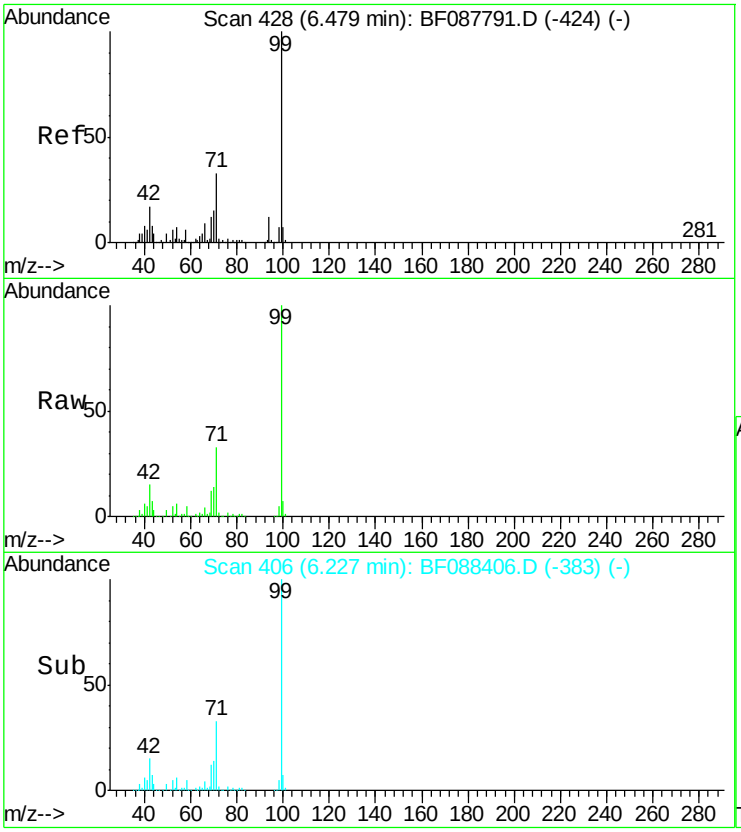


#5
2-Fluorophenol
Concen: 35.89 ng
RT: 5.14 min Scan# 311
Delta R.T. -0.03 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Tgt Ion:112 Resp: 461651

Ion	Ratio	Lower	Upper
112	100		
64	51.6	42.2	63.2
63	26.7	21.8	32.8



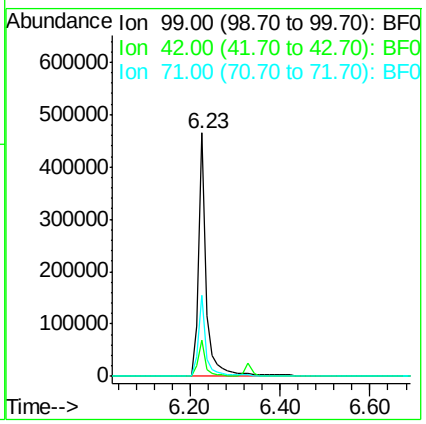


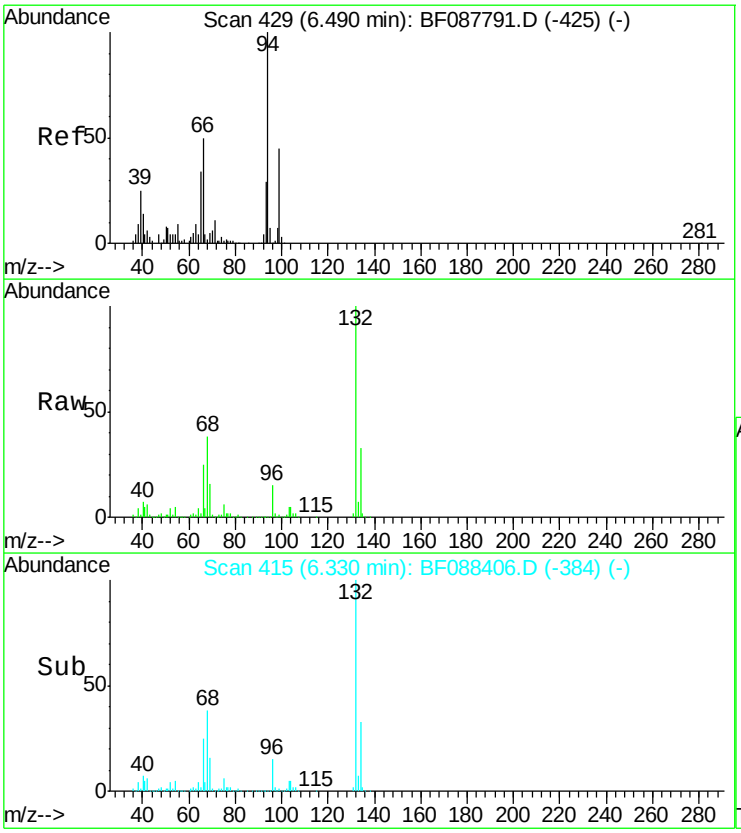
#7
Phenol-d6
Concen: 36.57 ng
RT: 6.23 min Scan# 406
Delta R.T. -0.03 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Instrument :
BNA_F
ClientSampleId :
Q8-B1(0-5)C

Tgt Ion: 99 Resp: 570024

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.2	18.2
71	33.4	23.4	35.0

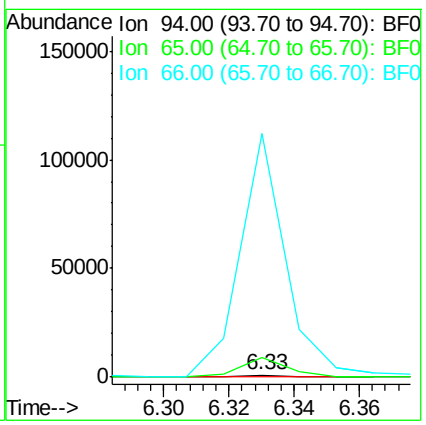


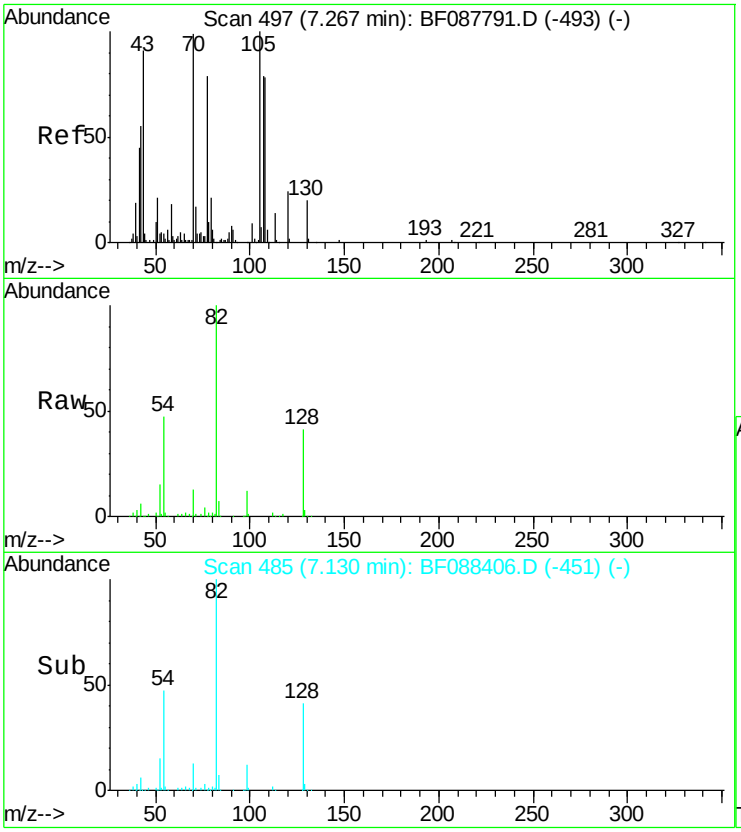


#10
Phenol
Concen: Below Cal
RT: 6.33 min Scan# 415
Delta R.T. 0.06 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Tgt Ion: 94 Resp: 694

Ion	Ratio	Lower	Upper
94	100		
65	875.8	5.9	45.9#
66	11069.6	14.0	54.0#



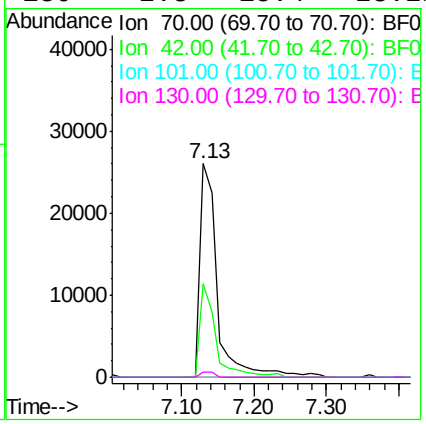


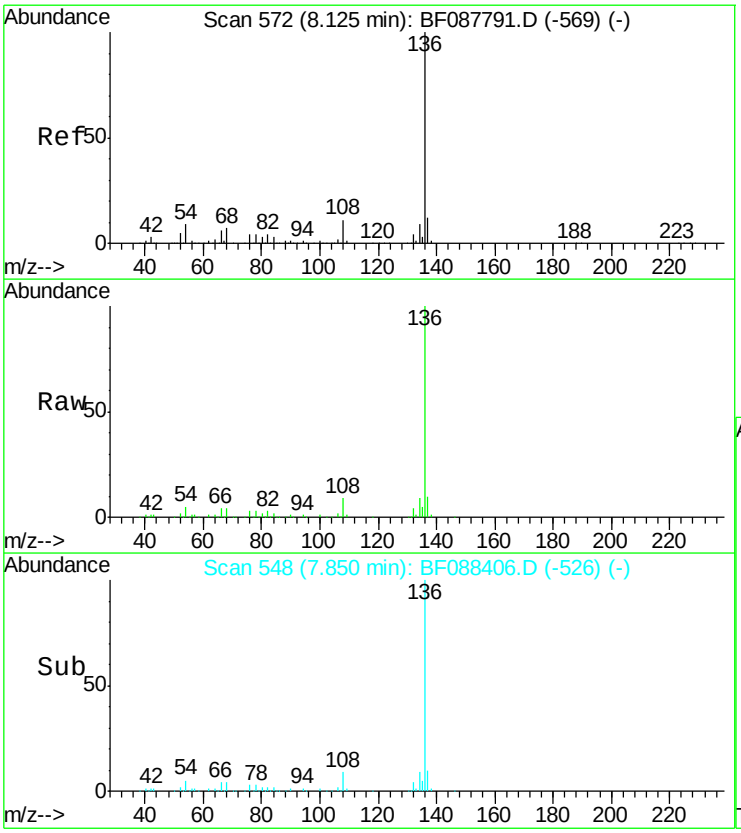
#19
n-Nitroso-di-n-propylamine
Concen: 4.37 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.09 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Instrument :
BNA_F
ClientSampleId :
Q8-B1(0-5)C

Tgt Ion: 70 Resp: 43587

Ion	Ratio	Lower	Upper
70	100		
42	43.9	49.6	74.4#
101	0.0	7.1	10.7#
130	2.3	15.4	23.2#

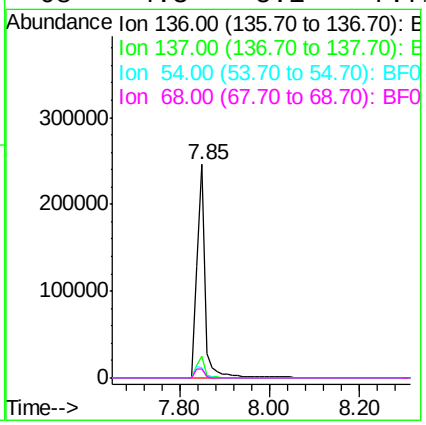


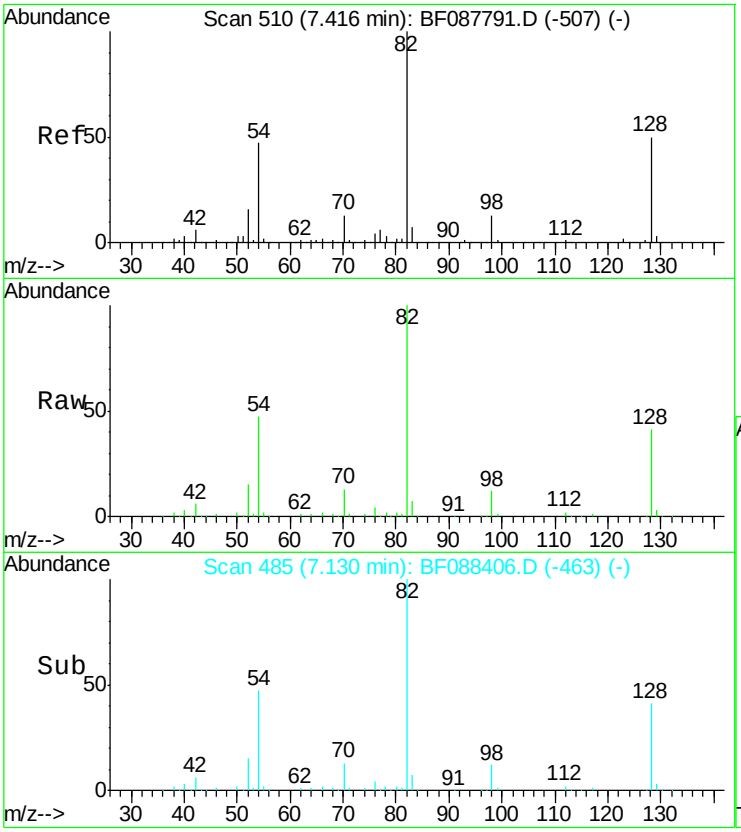


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Tgt Ion:136 Resp: 312750

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	4.8	6.6	10.0#
68	4.3	5.1	7.7#



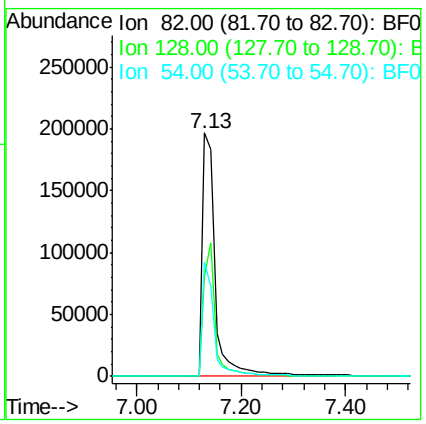


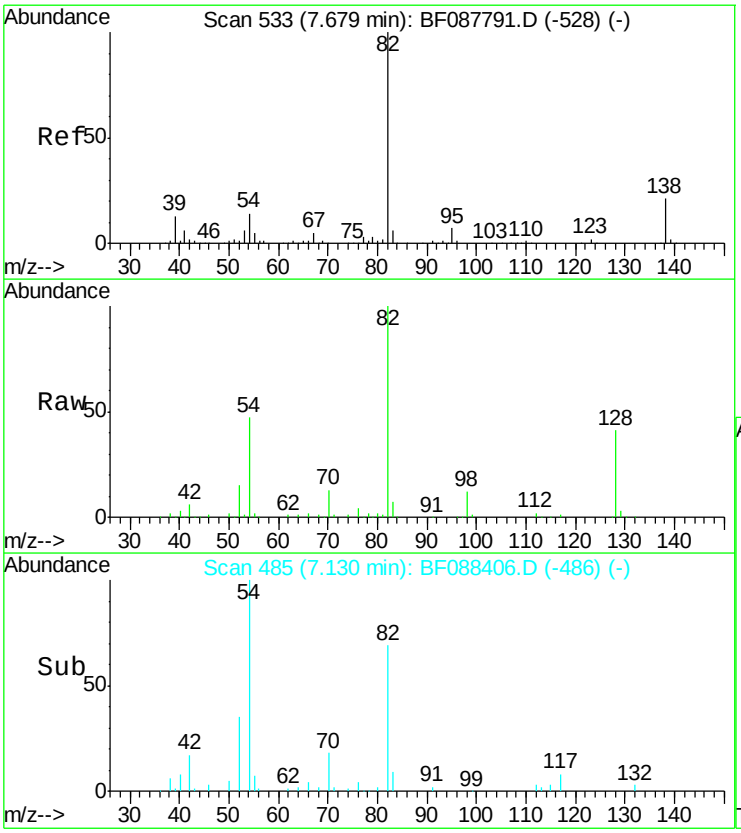
#23
Nitrobenzene-d5
Concen: 63.71 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.05 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Instrument :
BNA_F
ClientSampleId :
Q8-B1(0-5)C

Tgt Ion: 82 Resp: 341215

Ion	Ratio	Lower	Upper
82	100		
128	41.3	35.9	53.9
54	47.2	40.9	61.3

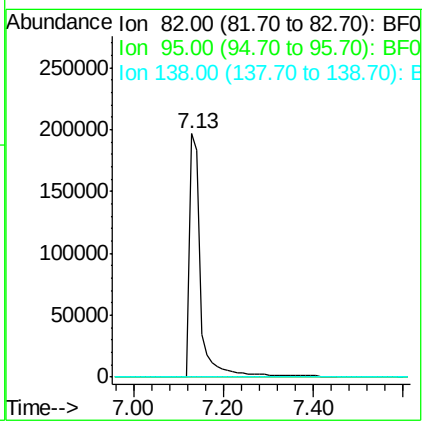


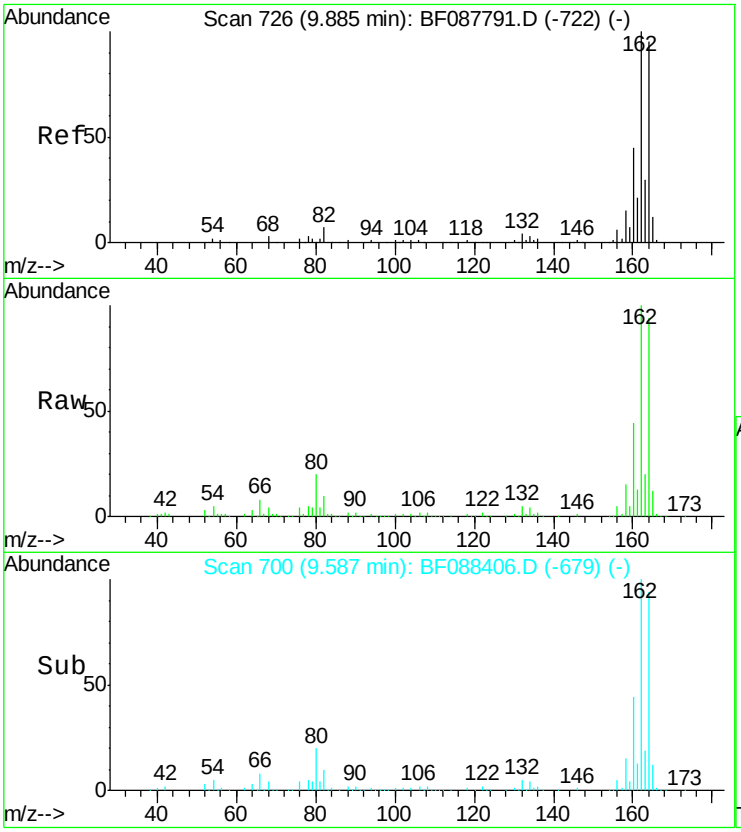


#25
Isophorone
Concen: 33.46 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.31 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Tgt Ion: 82 Resp: 331929

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



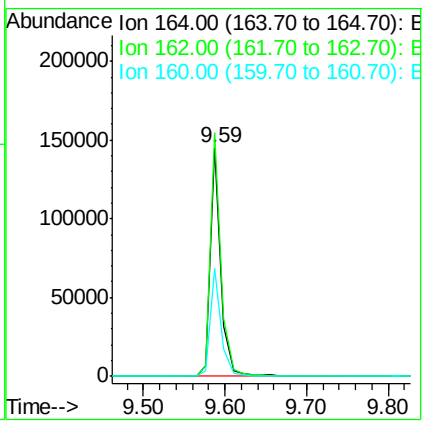


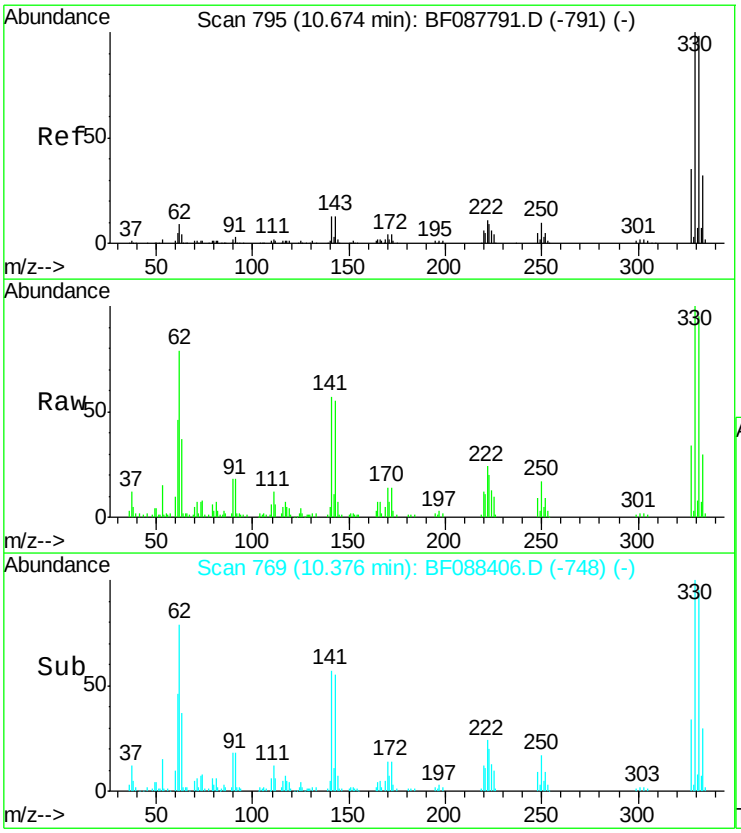
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.06 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Instrument :
BNA_F
ClientSampleId :
Q8-B1(0-5)C

Tgt Ion:164 Resp: 132679

Ion	Ratio	Lower	Upper
164	100		
162	106.5	85.4	128.2
160	47.2	39.5	59.3

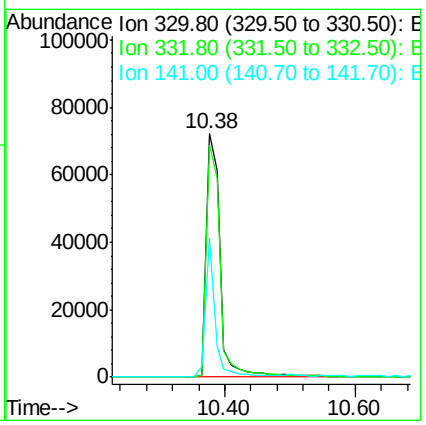


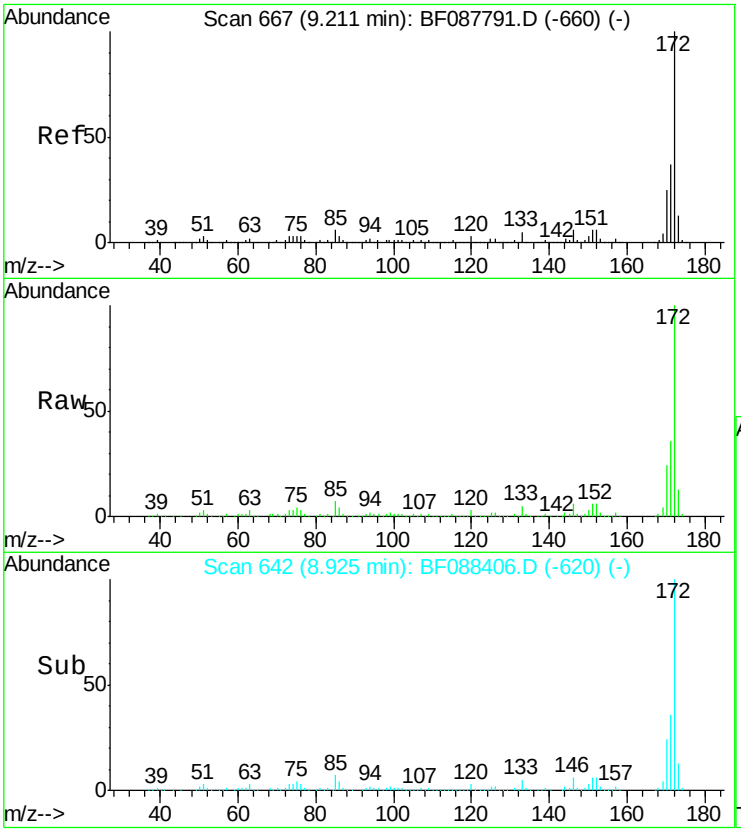


#41
2,4,6-Tribromophenol
Concen: 76.77 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.06 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Tgt Ion:330 Resp: 107548

Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	39.3	0.0	0.0#



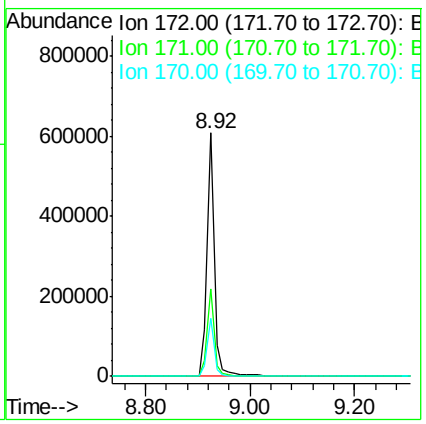


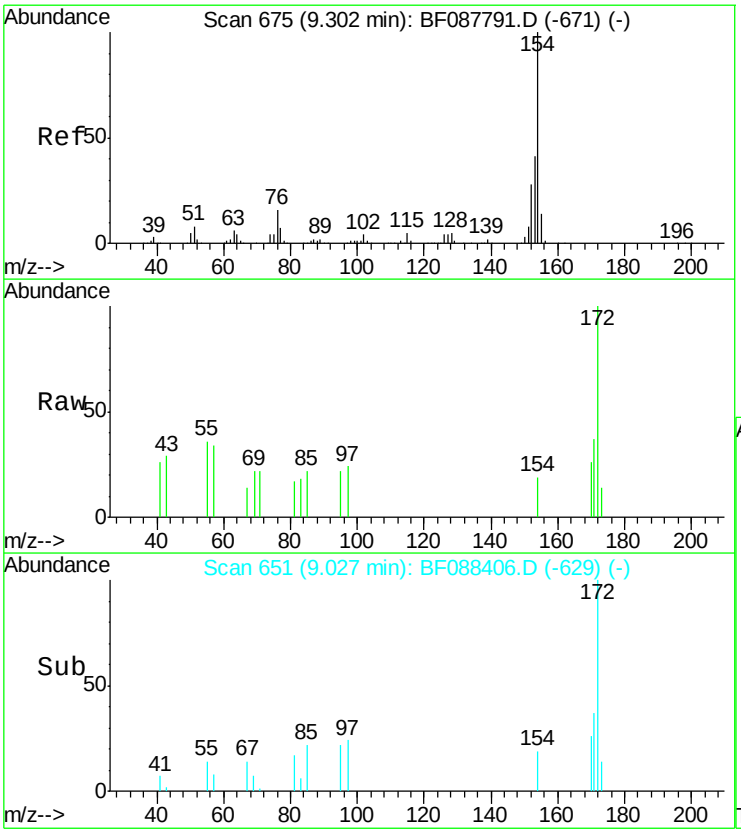
#44
2-Fluorobiphenyl
Concen: 69.86 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Instrument :
BNA_F
ClientSampleId :
Q8-B1(0-5)C

Tgt Ion:172 Resp: 598332

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.8	19.2	28.8

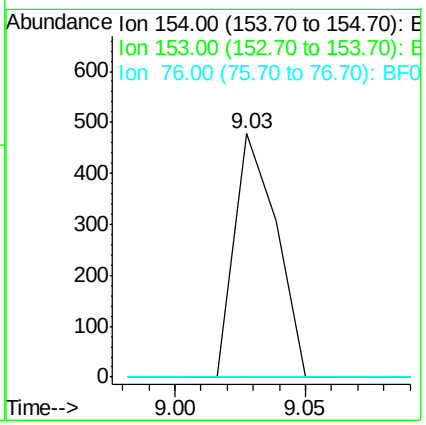


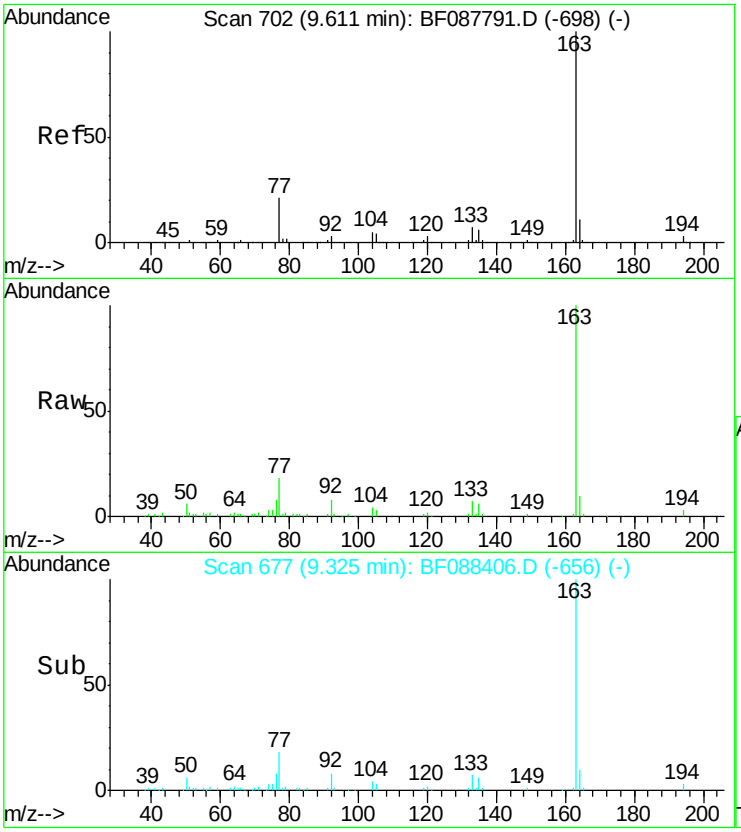


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.03 min Scan# 651
Delta R.T. -0.05 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Tgt Ion:154 Resp: 538

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



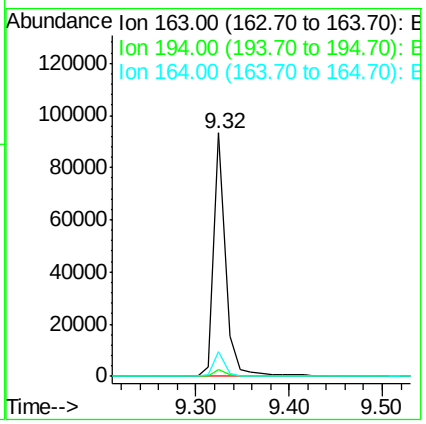


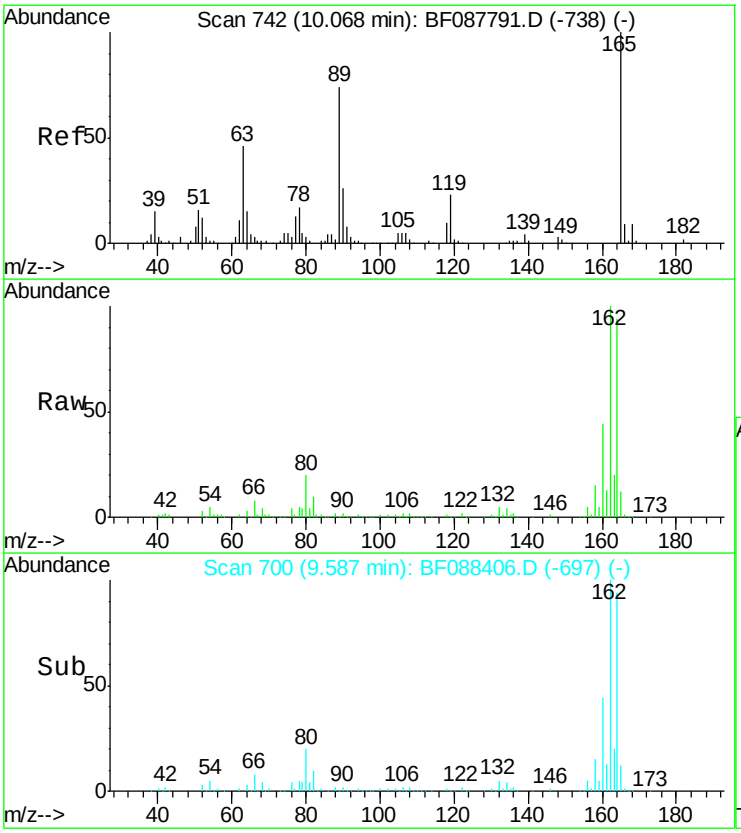
#49
Dimethylphthalate
Concen: 8.57 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.06 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Instrument :
BNA_F
ClientSampleId :
Q8-B1(0-5)C

Tgt Ion:163 Resp: 82336

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.8	4.2
164	10.1	8.3	12.5

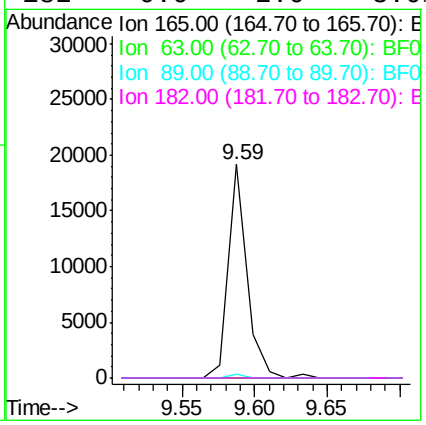


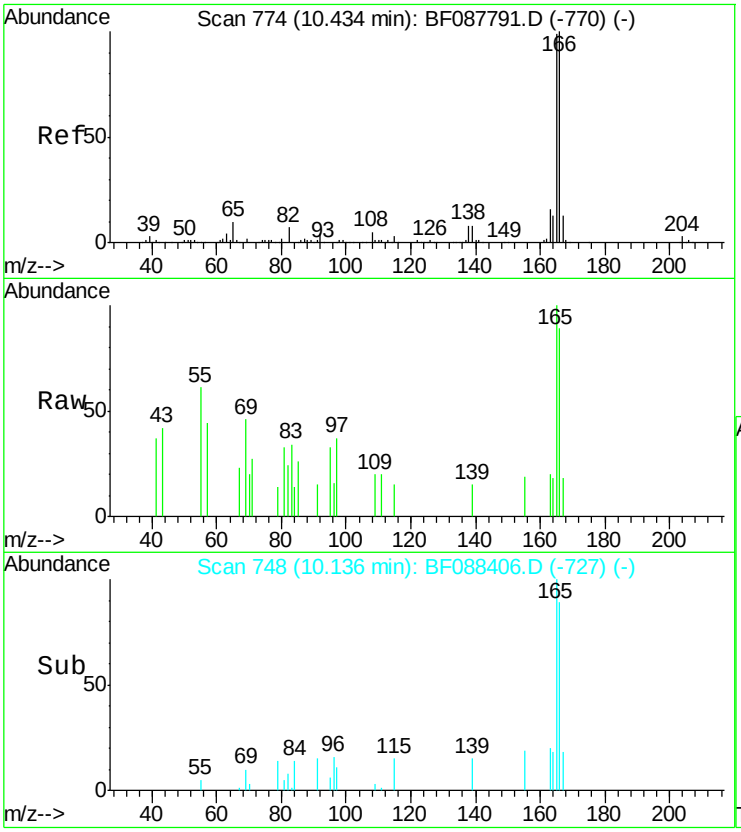


#56
2,4-Dinitrotoluene
Concen: 6.10 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.26 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Tgt Ion:165 Resp: 17246

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#



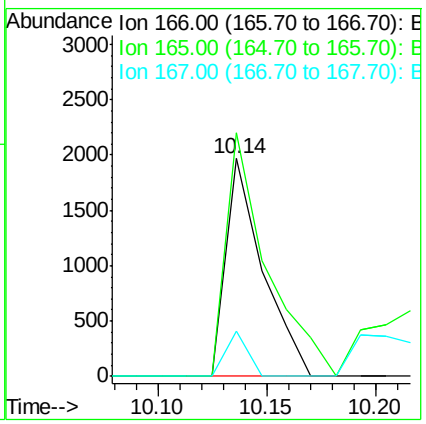


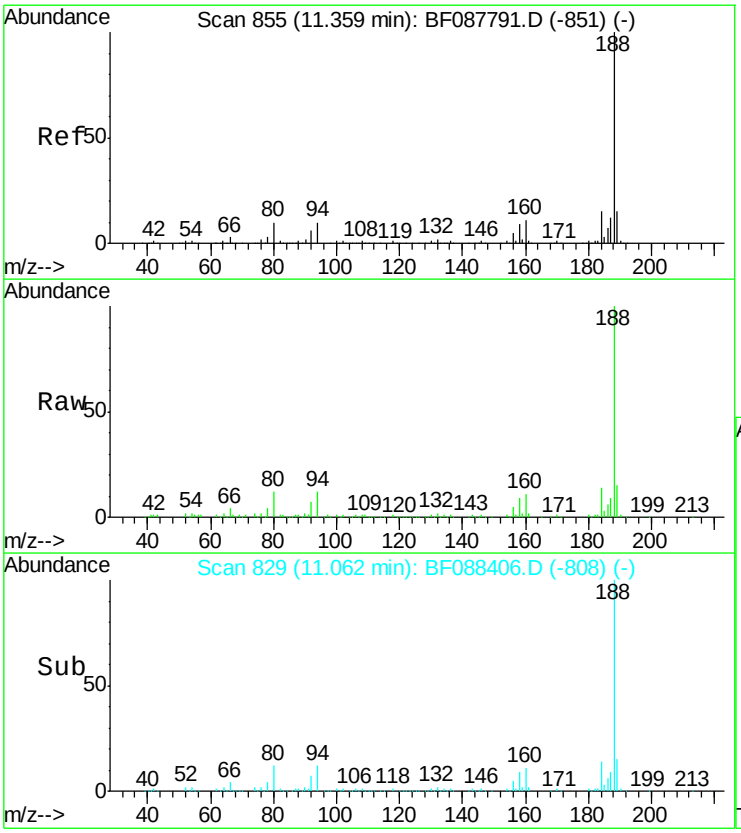
#57
Fluorene
Concen: Below Cal
RT: 10.14 min Scan# 748
Delta R.T. -0.06 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Instrument :
BNA_F
ClientSampleId :
Q8-B1(0-5)C

Tgt Ion:166 Resp: 2312

Ion	Ratio	Lower	Upper
166	100		
165	111.8	77.8	116.8
167	20.6	11.2	16.8#

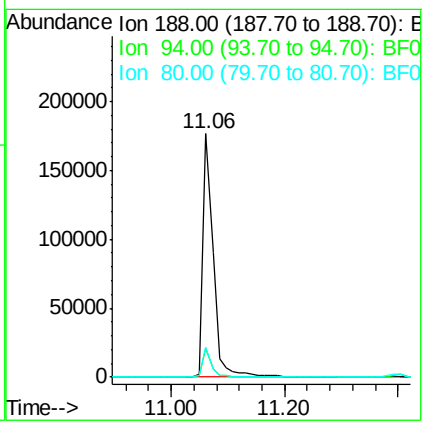


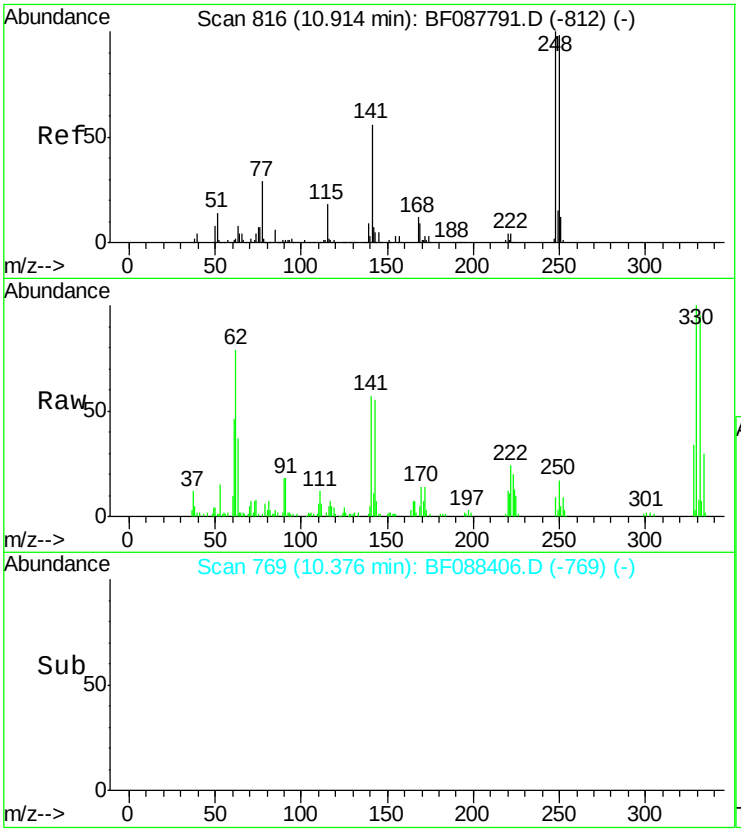


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.06 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Tgt Ion:188 Resp: 213081

Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.0	13.6
80	12.4	10.0	15.0



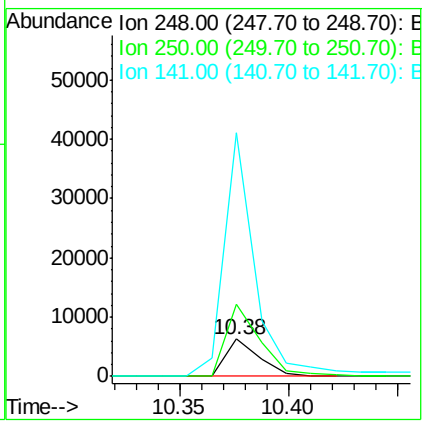


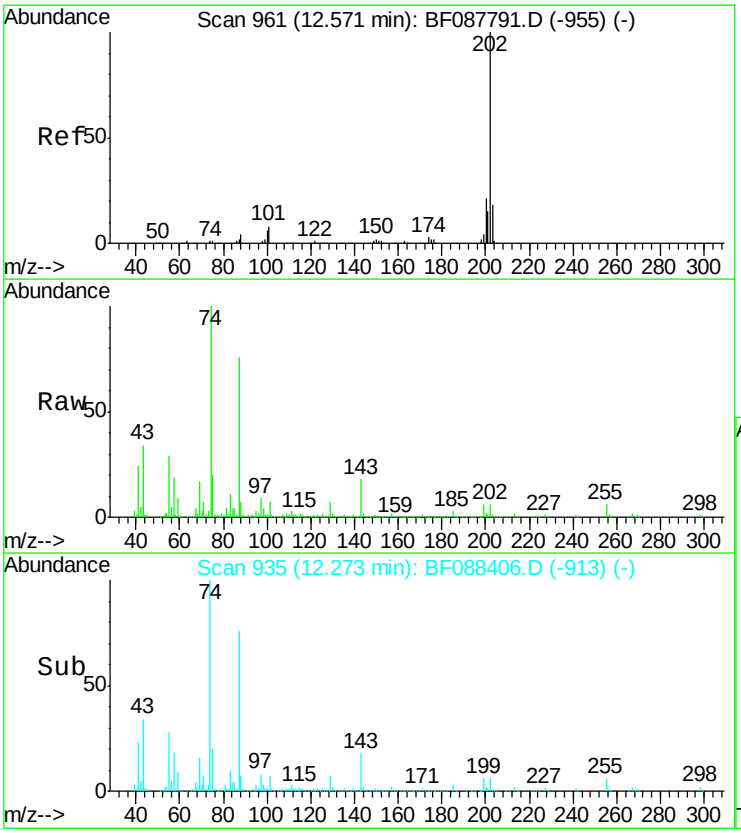
#66
4-Bromophenyl-phenylether
Concen: 2.87 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.30 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Instrument :
BNA_F
ClientSampleId :
Q8-B1(0-5)C

Tgt Ion:248 Resp: 6565

Ion	Ratio	Lower	Upper
248	100		
250	195.0	77.1	115.7#
141	654.9	50.6	76.0#

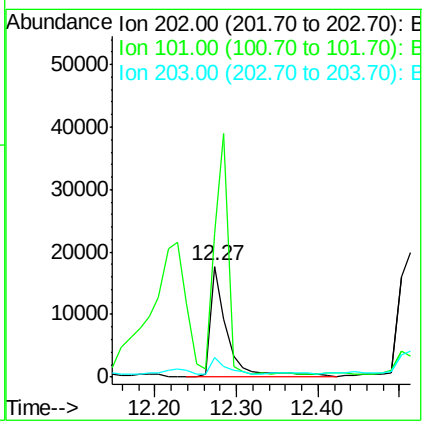


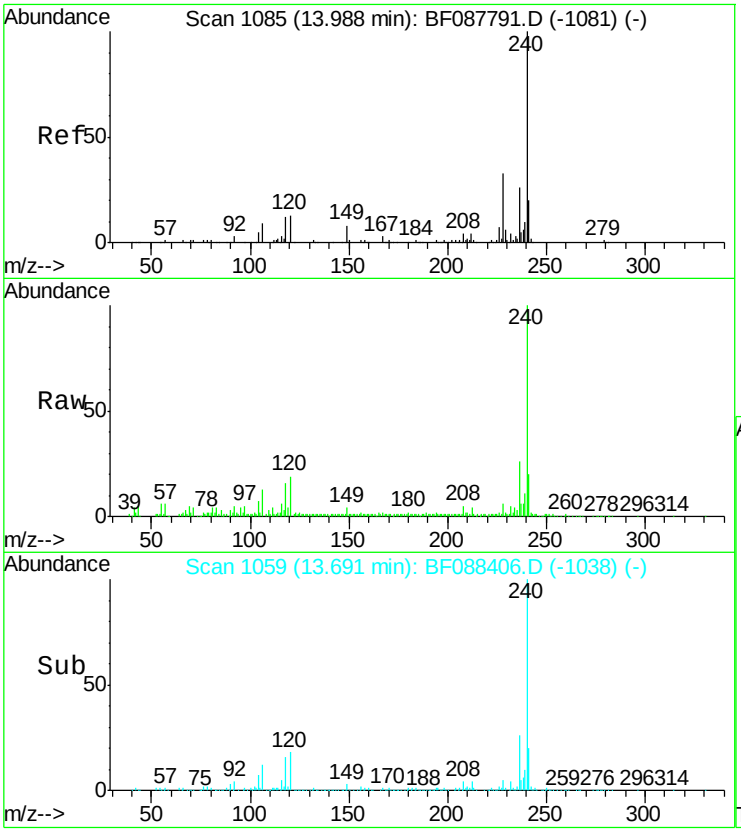


#74
Fluoranthene
Concen: 2.19 ng
RT: 12.27 min Scan# 935
Delta R.T. -0.05 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Tgt Ion:202 Resp: 25876

Ion	Ratio	Lower	Upper
202	100		
101	129.4	0.0	33.1#
203	18.1	0.0	38.1



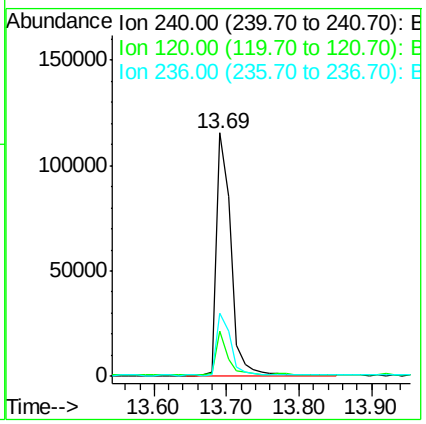


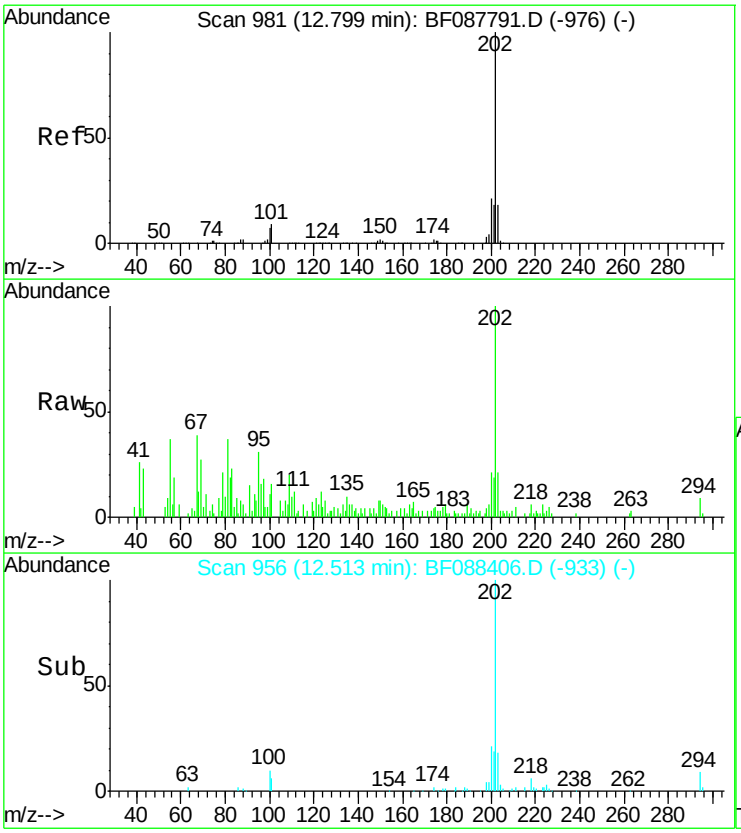
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.06 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Instrument :
BNA_F
ClientSampleId :
Q8-B1(0-5)C

Tgt Ion:240 Resp: 163452

Ion	Ratio	Lower	Upper
240	100		
120	18.7	6.8	10.2#
236	26.1	20.2	30.2

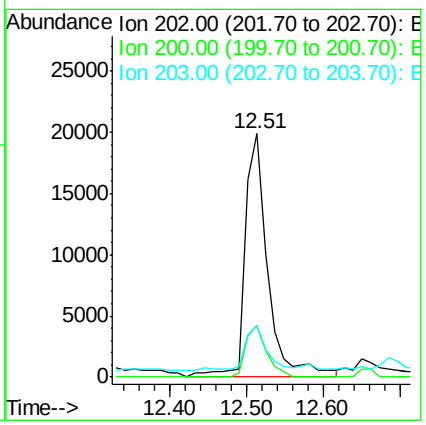


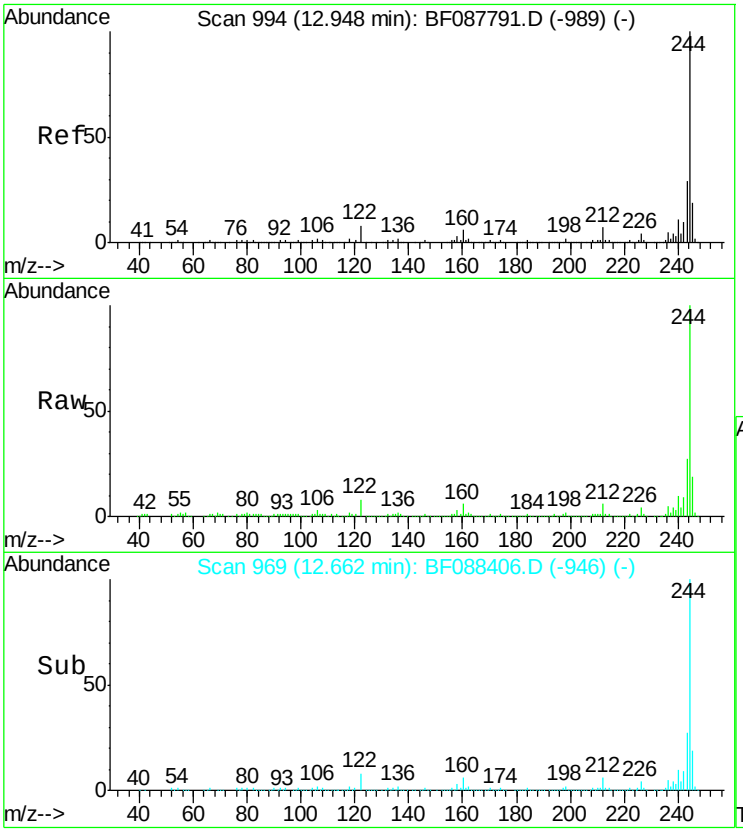


#77
Pyrene
Concen: 3.31 ng
RT: 12.51 min Scan# 956
Delta R.T. -0.03 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Tgt Ion:202 Resp: 40169

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



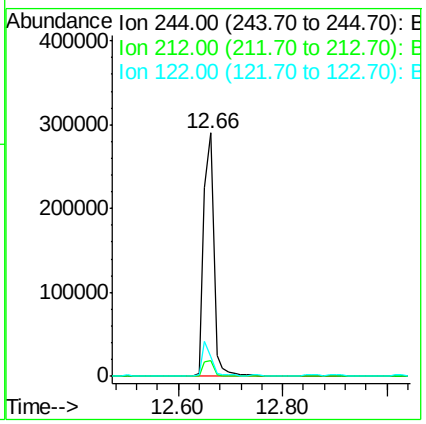


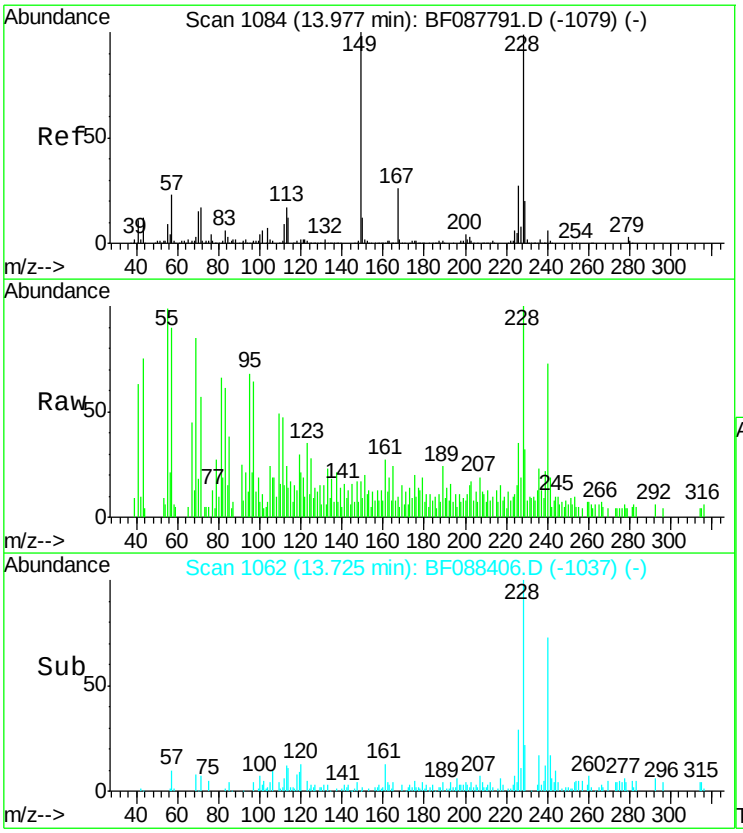
#78
Terphenyl-d14
Concen: 54.91 ng
RT: 12.66 min Scan# 969
Delta R.T. -0.03 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Instrument :
BNA_F
ClientSampleId :
Q8-B1(0-5)C

Tgt Ion:244 Resp: 394424

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	8.1	11.2	16.8#

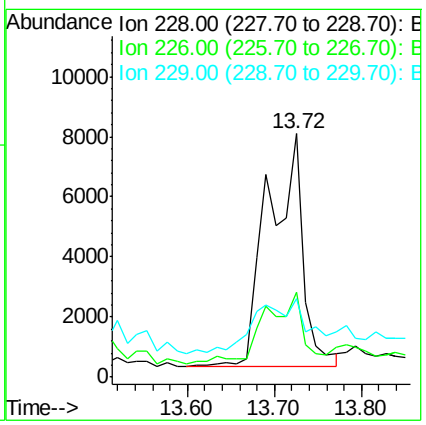


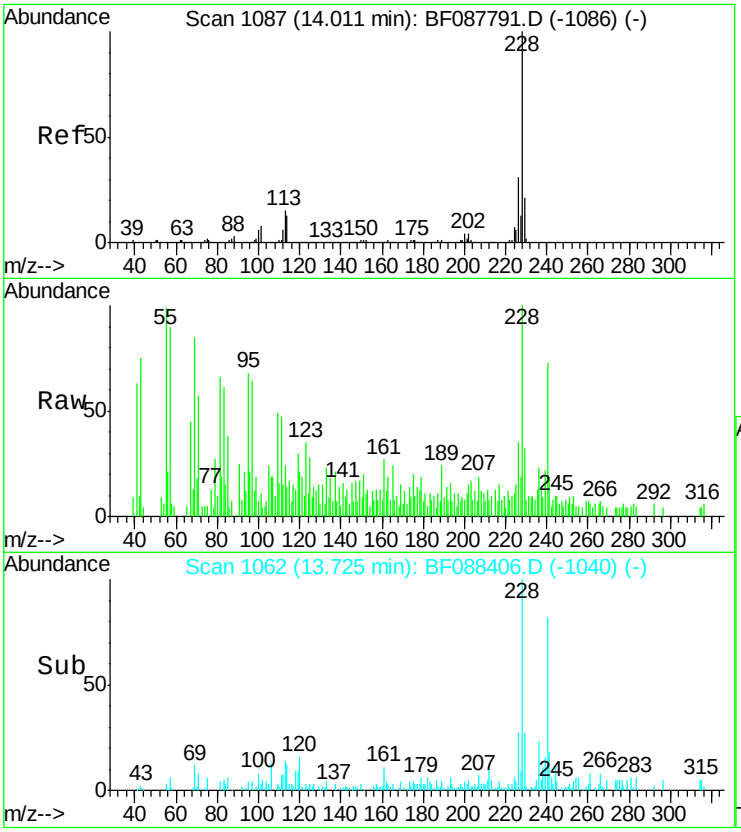


#80
Benzo(a)anthracene
Concen: 2.34 ng
RT: 13.72 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Tgt Ion:228 Resp: 21750

Ion	Ratio	Lower	Upper
228	100		
226	34.7	22.3	33.5#
229	32.0	16.0	24.0#



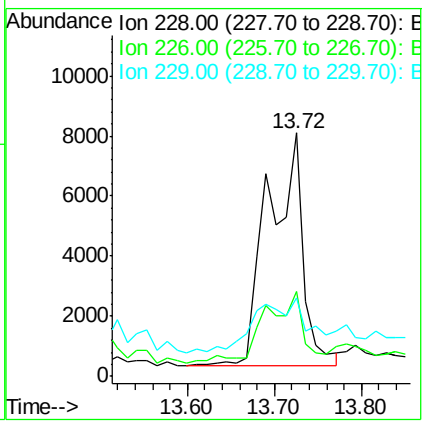


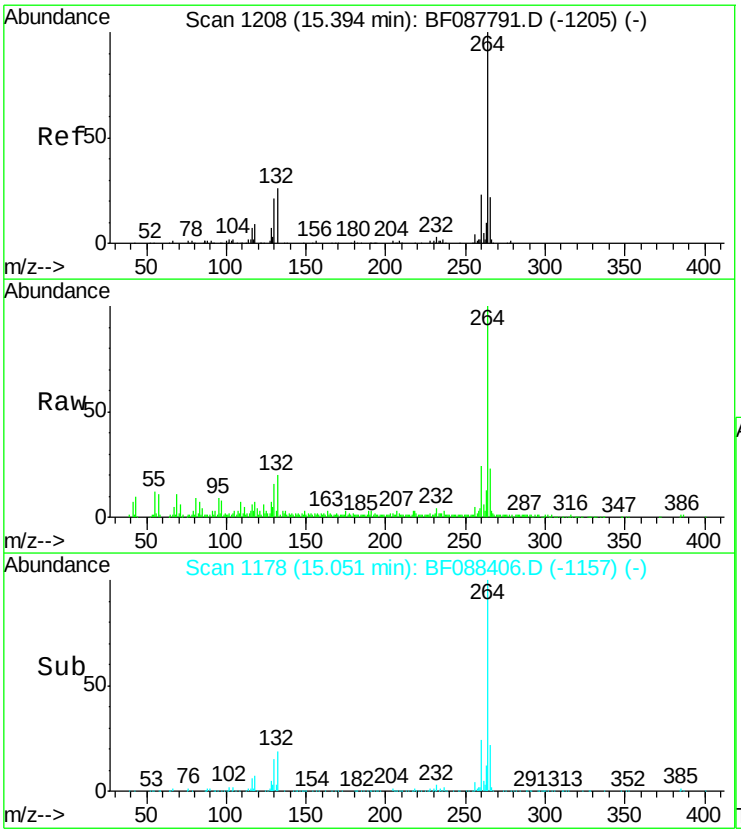
#82
Chrysene
Concen: 2.48 ng
RT: 13.72 min Scan# 1062
Delta R.T. -0.05 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Instrument :
BNA_F
ClientSampleId :
Q8-B1(0-5)C

Tgt Ion:228 Resp: 21750

Ion	Ratio	Lower	Upper
228	100		
226	34.7	25.4	38.2
229	32.0	16.3	24.5#

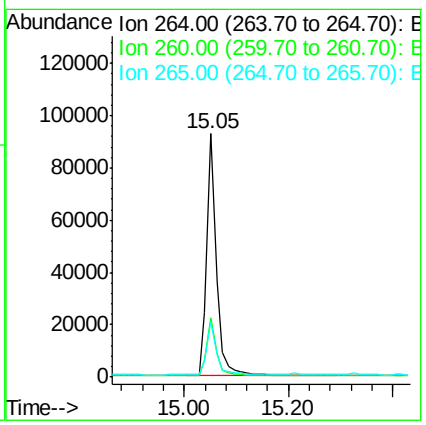


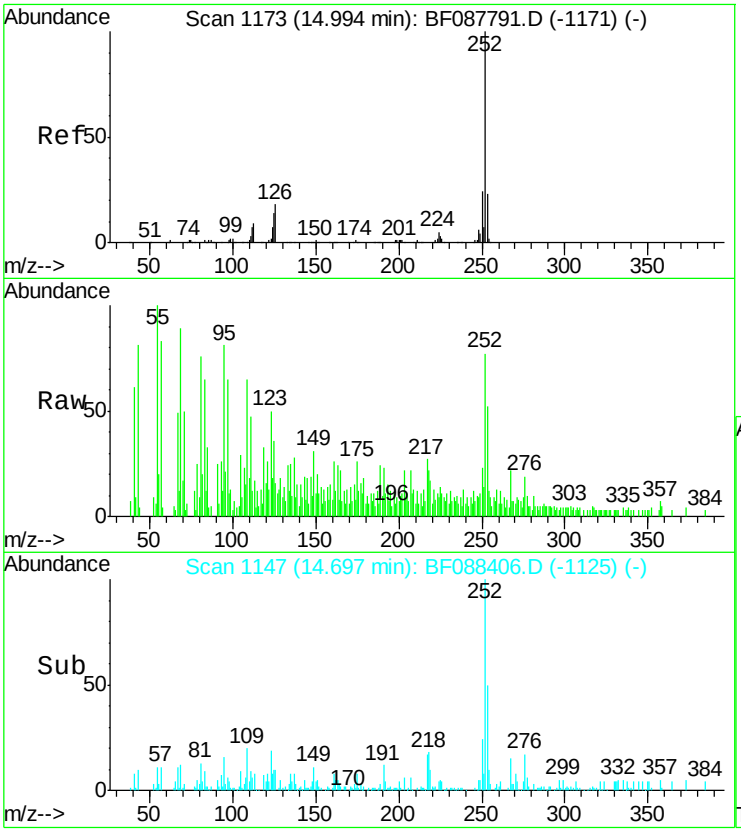


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.06 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Tgt Ion:264 Resp: 119515

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.6	16.9	25.3



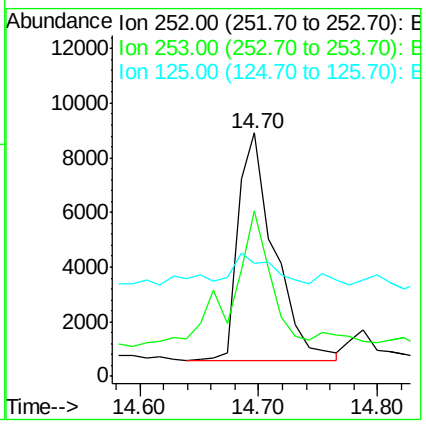


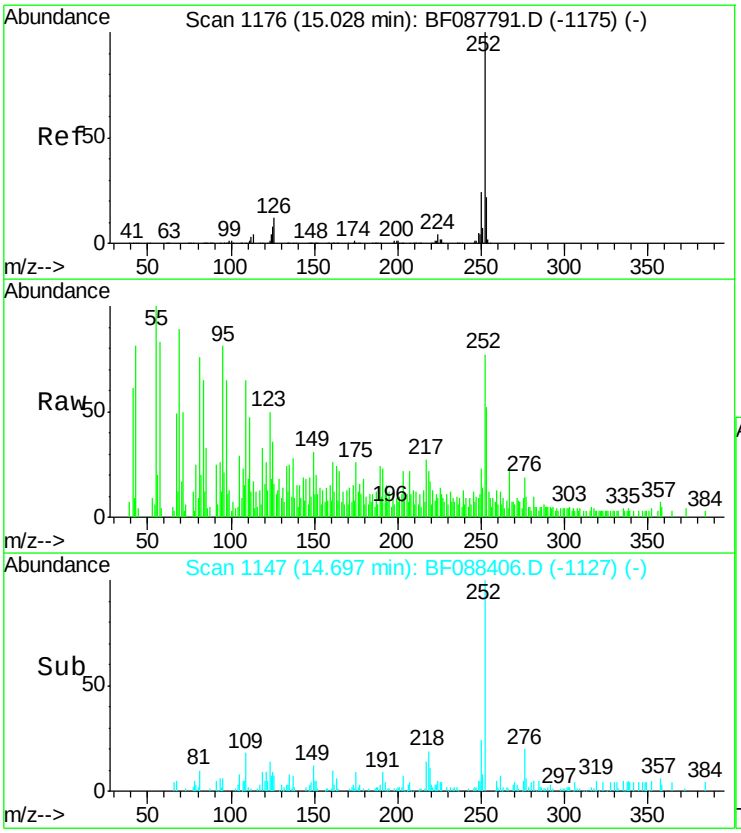
#87
Benzo(b)fluoranthene
Concen: 2.12 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Instrument :
BNA_F
ClientSampleId :
Q8-B1(0-5)C

Tgt Ion:252 Resp: 17630

Ion	Ratio	Lower	Upper
252	100		
253	67.8	17.4	26.2#
125	46.4	7.1	10.7#





#88
Benzo(k)fluoranthene
Concen: 2.81 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.07 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Tgt Ion:252 Resp: 17630

Ion	Ratio	Lower	Upper
252	100		
253	67.8	18.0	27.0#
125	46.4	11.2	16.8#