Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
Data File : BF088723.D
Acq On : 6 Jul 2016 1:05
Operator : UM/SJ
Sample : H3881-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q6-B4-6-12-C

Quant Time: Jul 06 01:41:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	103520	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	399711	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	176981	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	285217	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	202675	20.00	ng	-0.01
86) Perylene-d12	15.30	264	193281	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	441019	63.85	ng	-0.01
7) Phenol-d6	6.41	99	666791	74.71	ng	0.00
23) Nitrobenzene-d5	7.34	82	371089	48.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	114818	69.86	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	510703	45.58	ng	-0.01
78) Terphenyl-d14	12.87	244	389003	42.75	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.34	70	49957	8.33	ng	# 72
25) Isophorone	7.34	82	292141	20.68	ng	# 65
49) Dimethylphthalate	9.53	163	108134	8.58	ng	98
56) 2,4-Dinitrotoluene	9.80	165	22762	6.23	ng	# 38
66) 4-Bromophenyl-phenylether	10.59	248	7440	2.59	ng	# 1
80) Benzo(a)anthracene	13.93	228	27430	2.10	ng	# 46
82) Chrysene	13.93	228	27430	2.12	ng	# 54
91) Benzo(g,h,i)perylene	17.03	276	25216	2.84	ng	93

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

Quantitation Report (Not Reviewed)

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Acq On : 6 Jul 2016 1:05
Operator : UM/SJ
Sample : H3881-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q6-B4-6-12-C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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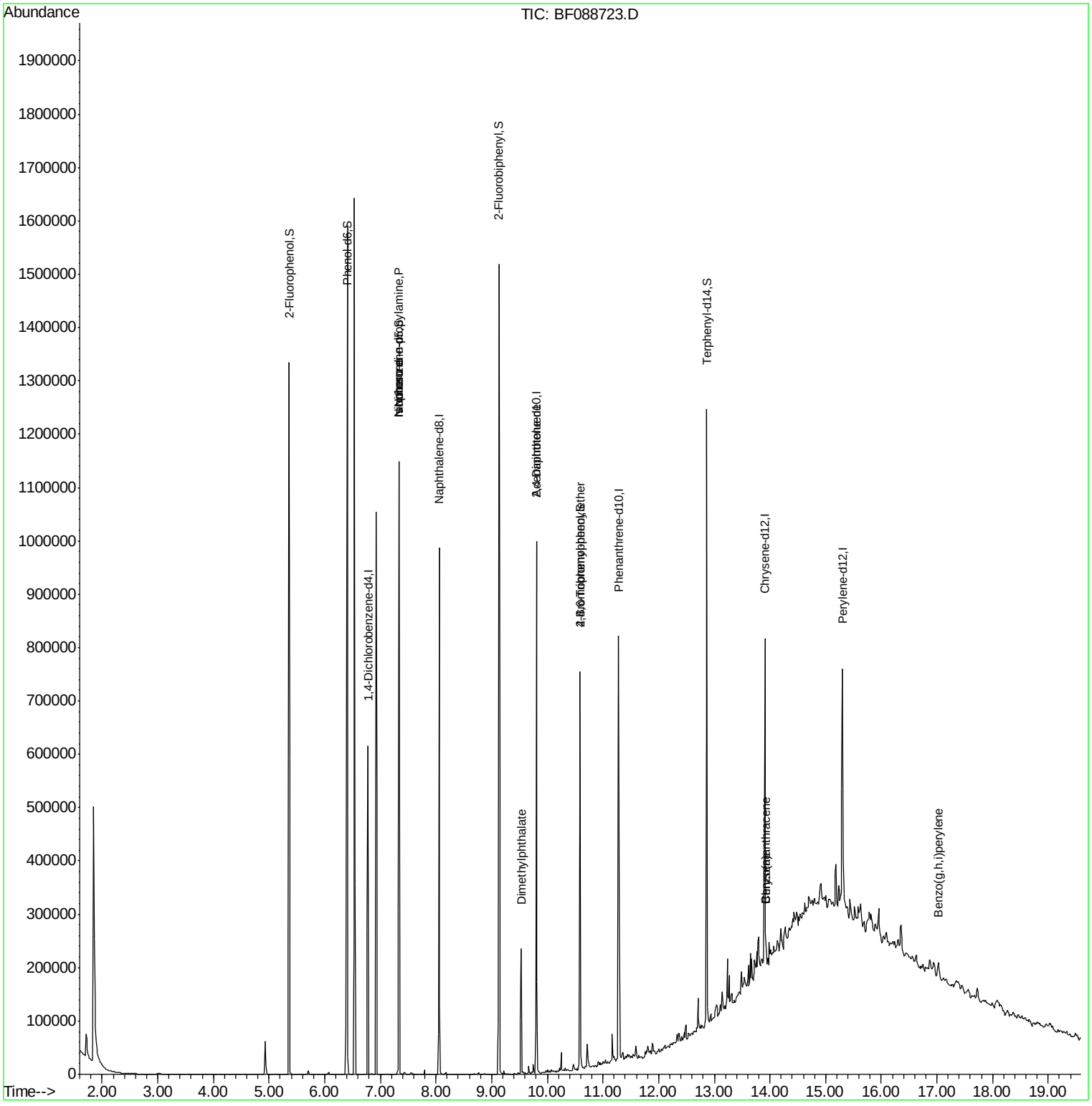
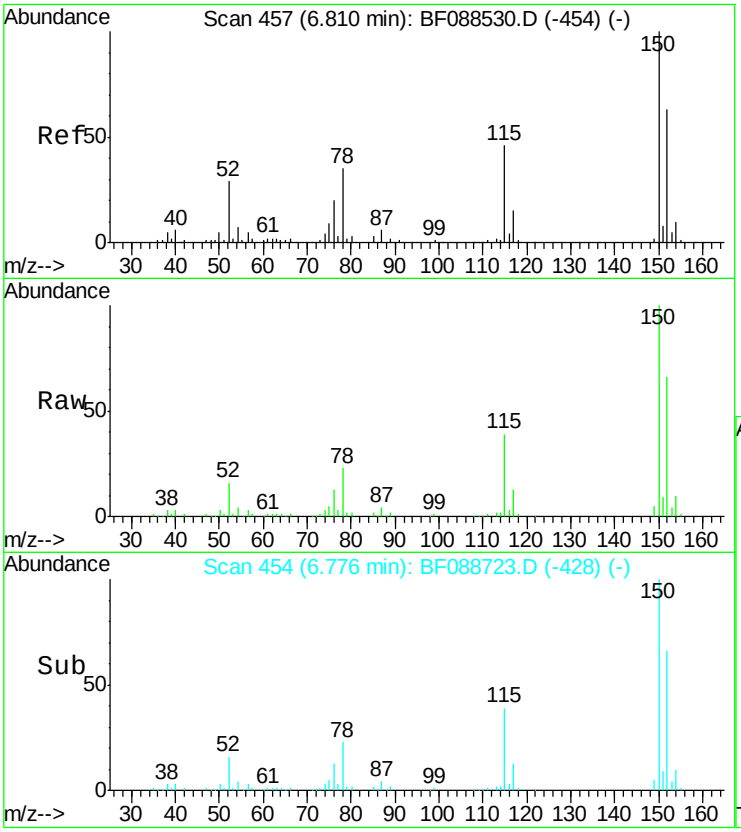


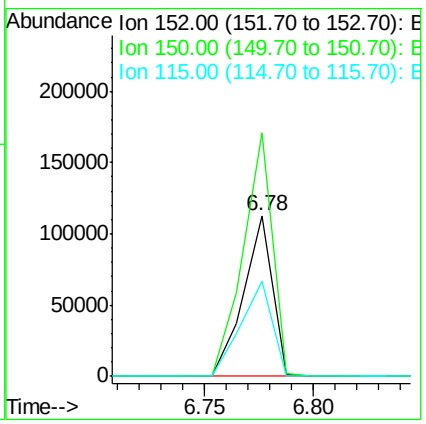


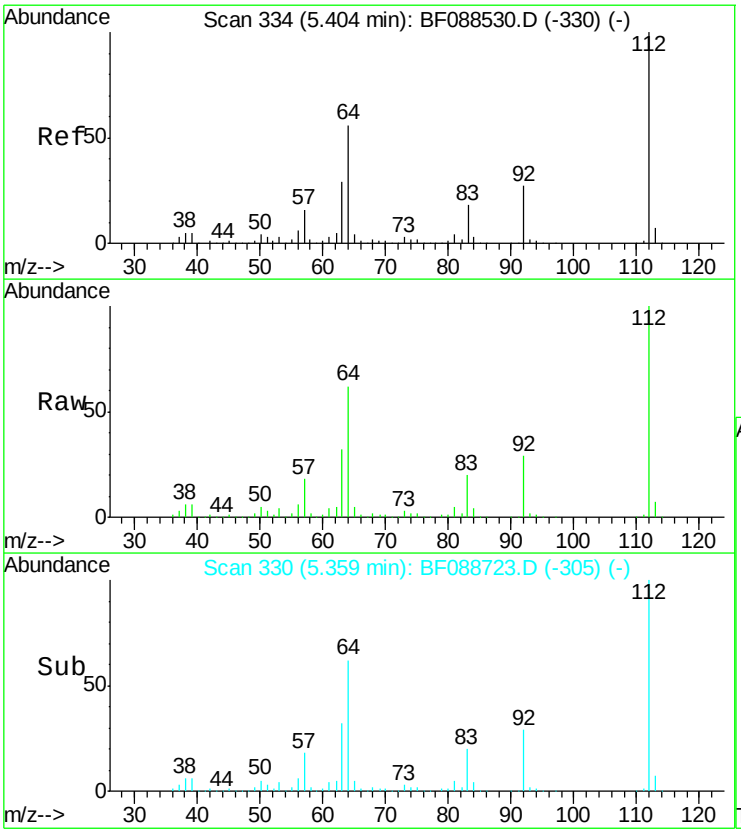
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF088723.D
Acq: 6 Jul 2016 1:05

Instrument :
BNA_F
ClientSampleId :
Q6-B4-6-12-C

Tgt Ion:152 Resp: 103520

Ion	Ratio	Lower	Upper
152	100		
150	151.8	123.8	185.6
115	59.4	39.6	59.4

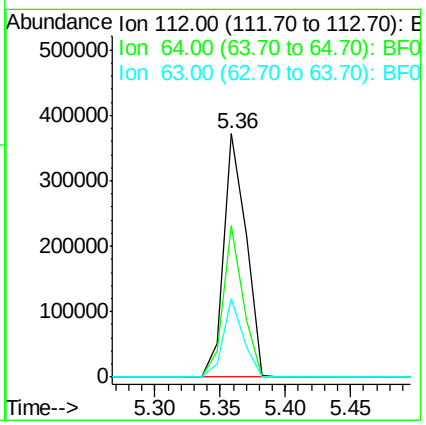


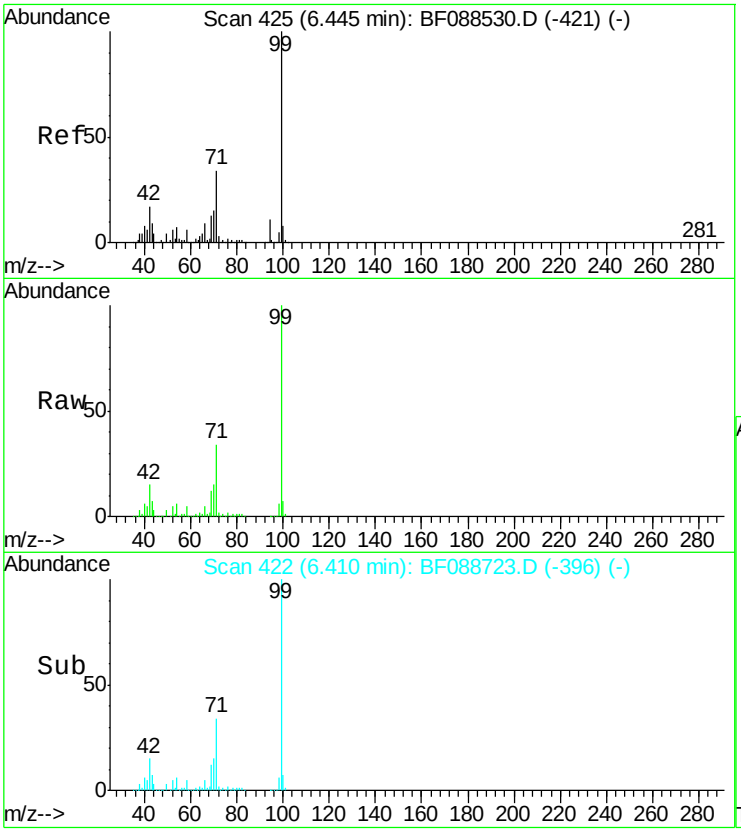


#5
2-Fluorophenol
Concen: 63.85 ng
RT: 5.36 min Scan# 330
Delta R.T. -0.01 min
Lab File: BF088723.D
Acq: 6 Jul 2016 1:05

Tgt Ion:112 Resp: 441019

Ion	Ratio	Lower	Upper
112	100		
64	62.0	42.2	63.2
63	32.2	21.8	32.8



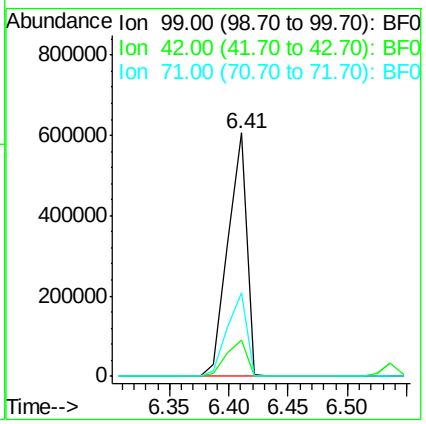


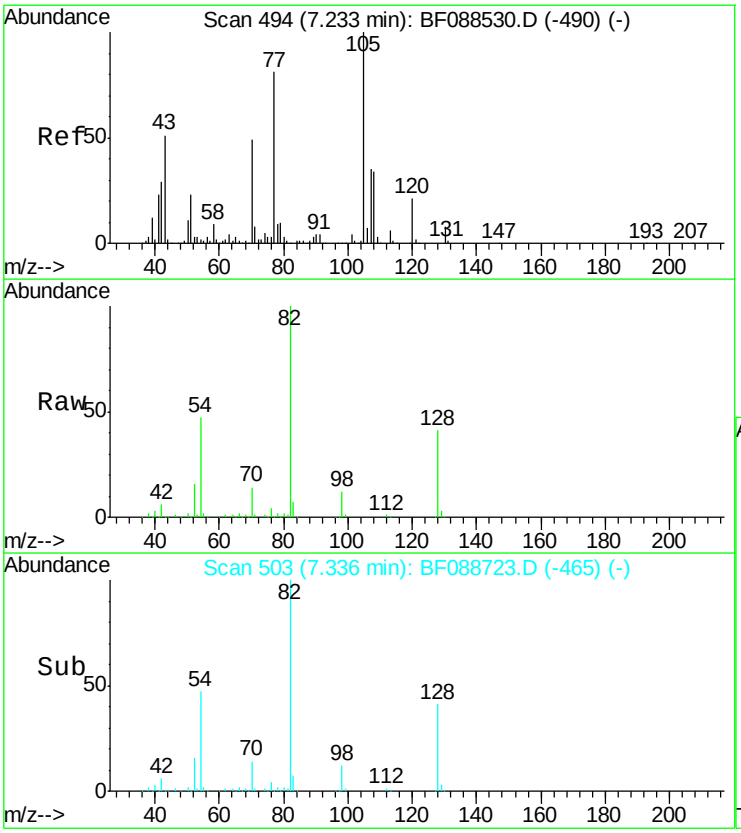
#7
Phenol-d6
Concen: 74.71 ng
RT: 6.41 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF088723.D
Acq: 6 Jul 2016 1:05

Instrument :
BNA_F
ClientSampleId :
Q6-B4-6-12-C

Tgt Ion: 99 Resp: 666791

Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.2	18.2
71	34.2	23.4	35.0

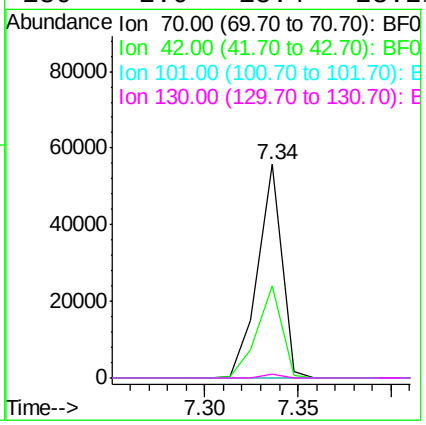


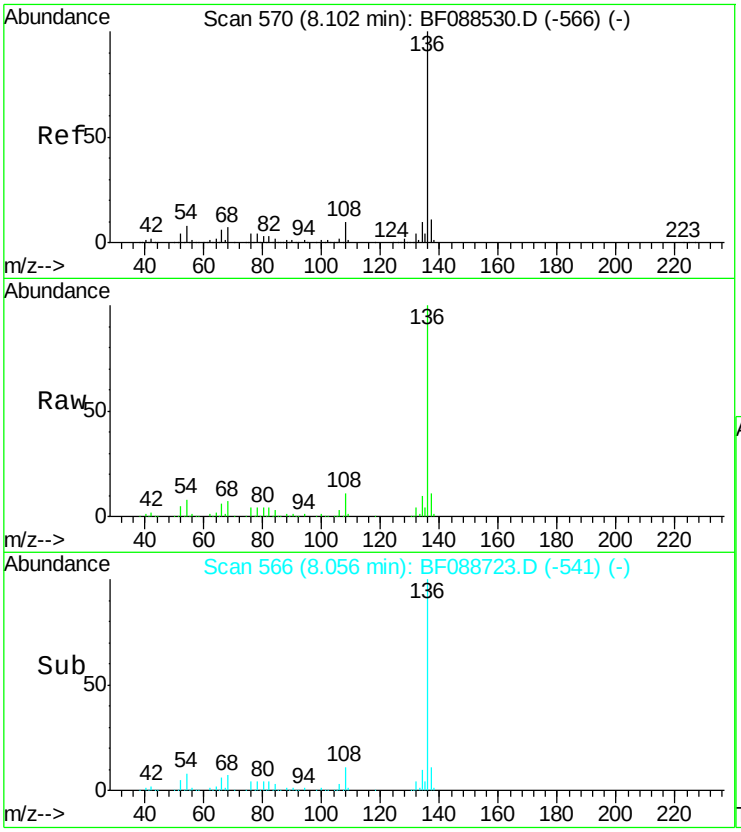


#19
n-Nitroso-di-n-propylamine
Concen: 8.33 ng
RT: 7.34 min Scan# 503
Delta R.T. 0.14 min
Lab File: BF088723.D
Acq: 6 Jul 2016 1:05

Tgt Ion: 70 Resp: 49957

Ion	Ratio	Lower	Upper
70	100		
42	43.0	49.6	74.4#
101	0.0	7.1	10.7#
130	2.0	15.4	23.2#



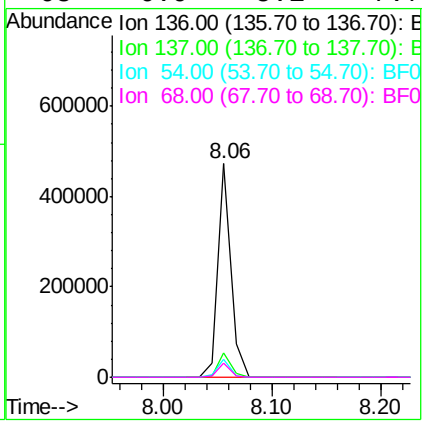


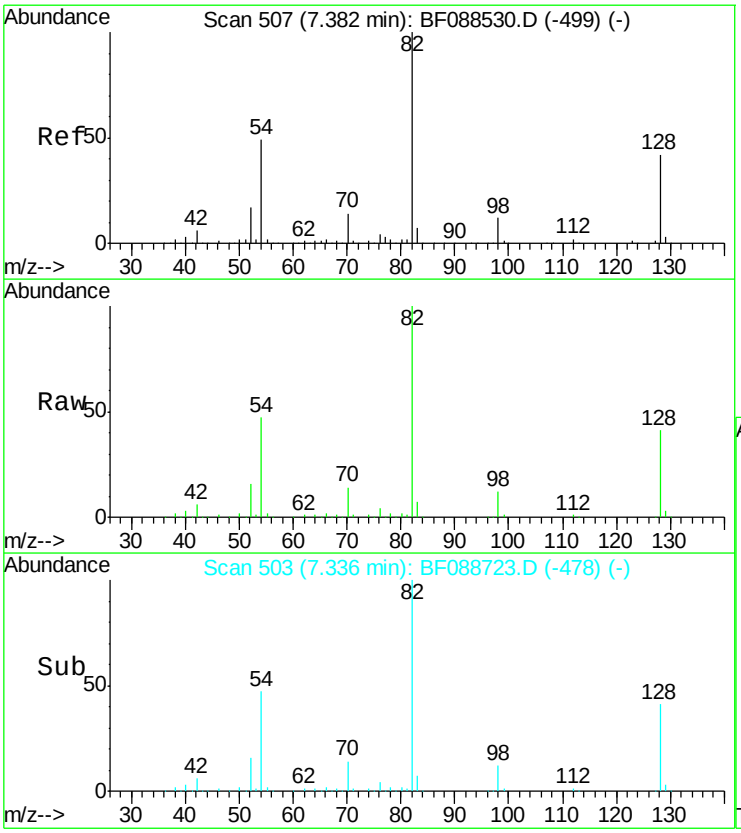
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF088723.D
Acq: 6 Jul 2016 1:05

Instrument :
BNA_F
ClientSampleId :
Q6-B4-6-12-C

Tgt Ion:136 Resp: 399711

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.3	6.6	10.0
68	6.9	5.1	7.7

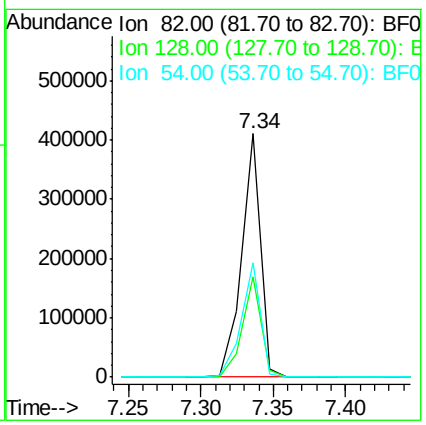


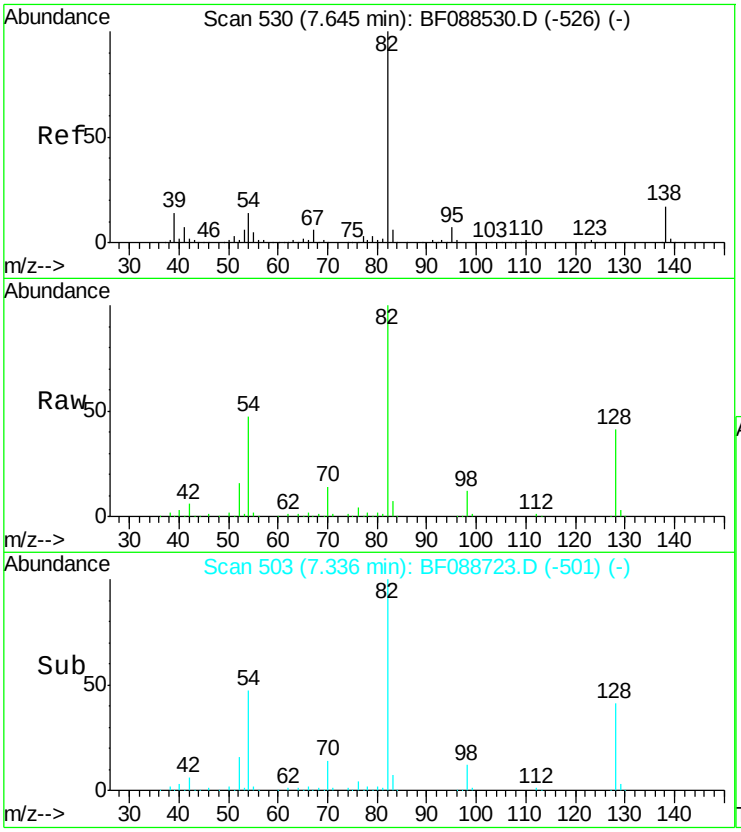


#23
Nitrobenzene-d5
Concen: 48.65 ng
RT: 7.34 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF088723.D
Acq: 6 Jul 2016 1:05

Tgt Ion: 82 Resp: 371089

Ion	Ratio	Lower	Upper
82	100		
128	40.9	35.9	53.9
54	47.1	40.9	61.3



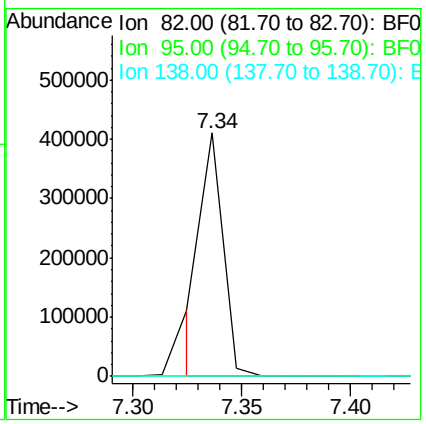


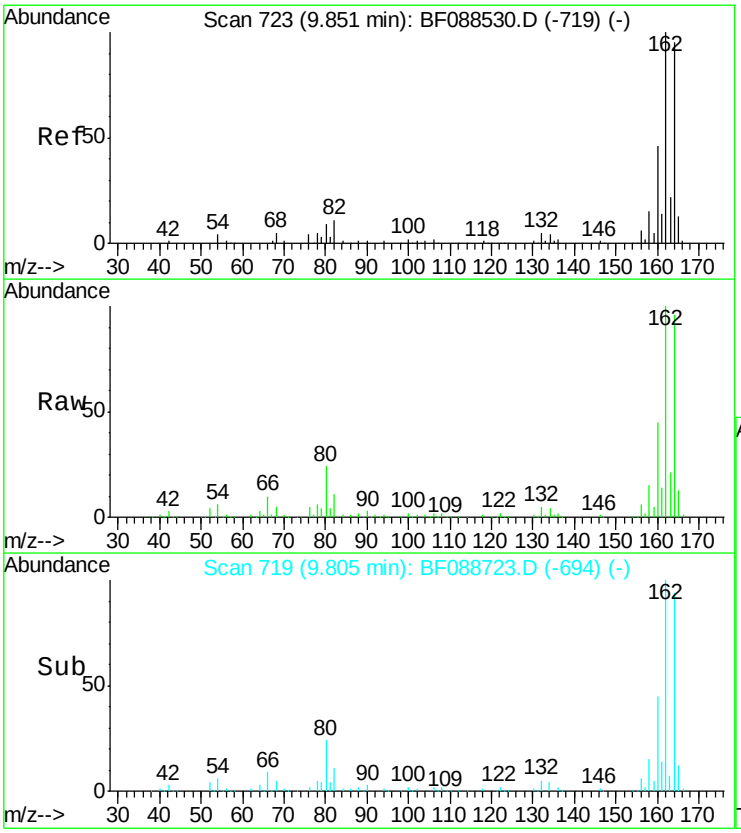
#25
Isophorone
Concen: 20.68 ng
RT: 7.34 min Scan# 503
Delta R.T. -0.27 min
Lab File: BF088723.D
Acq: 6 Jul 2016 1:05

Instrument :
BNA_F
ClientSampleId :
Q6-B4-6-12-C

Tgt Ion: 82 Resp: 292141

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

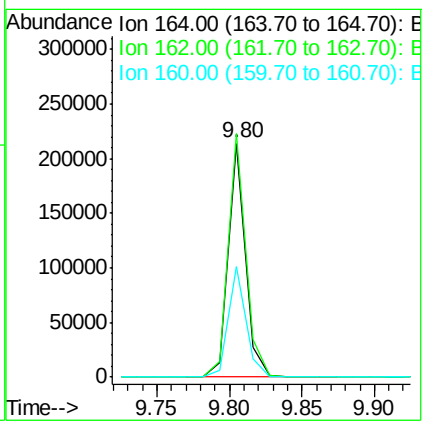


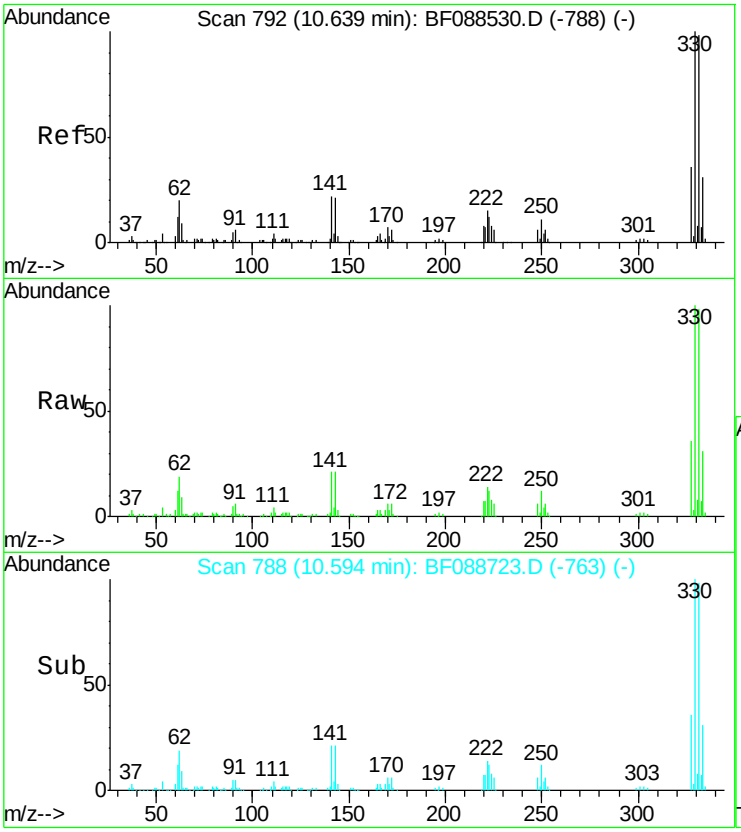


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF088723.D
Acq: 6 Jul 2016 1:05

Tgt Ion:164 Resp: 176981

Ion	Ratio	Lower	Upper
164	100		
162	104.1	85.4	128.2
160	47.2	39.5	59.3



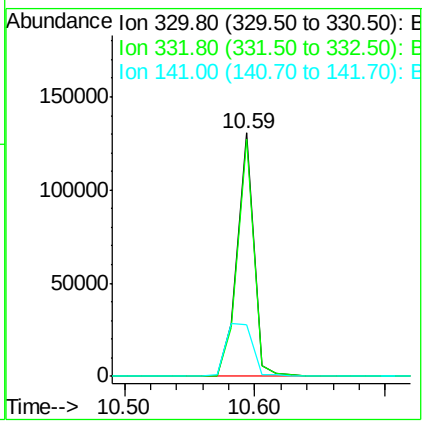


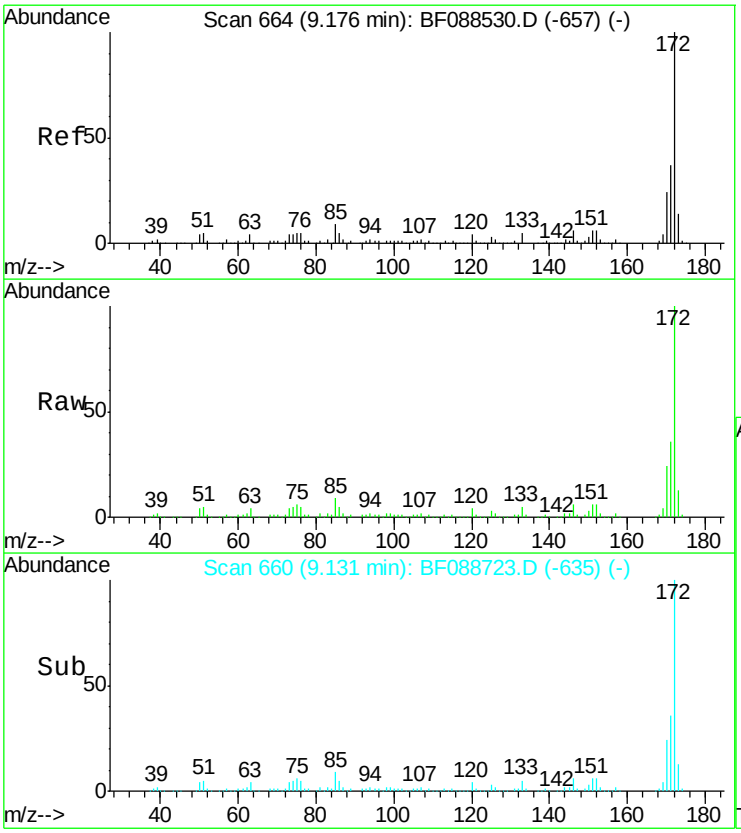
#41
2,4,6-Tribromophenol
Concen: 69.86 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF088723.D
Acq: 6 Jul 2016 1:05

Instrument :
BNA_F
ClientSampleId :
Q6-B4-6-12-C

Tgt Ion:330 Resp: 114818

Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	35.5	0.0	0.0#

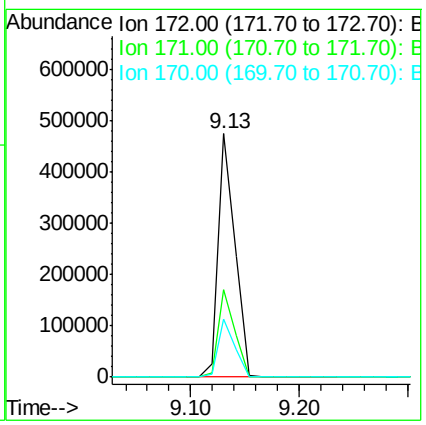


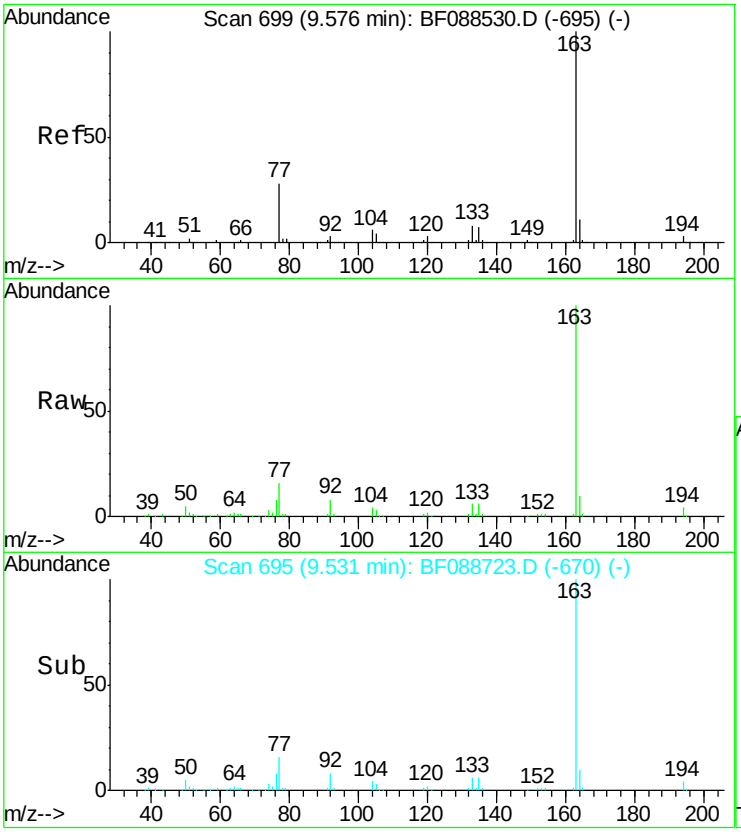


#44
2-Fluorobiphenyl
Concen: 45.58 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF088723.D
Acq: 6 Jul 2016 1:05

Tgt Ion:172 Resp: 510703

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.8	19.2	28.8



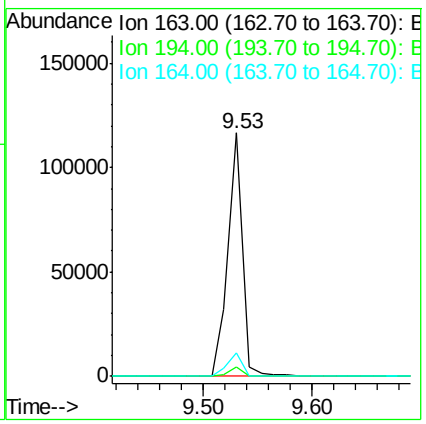


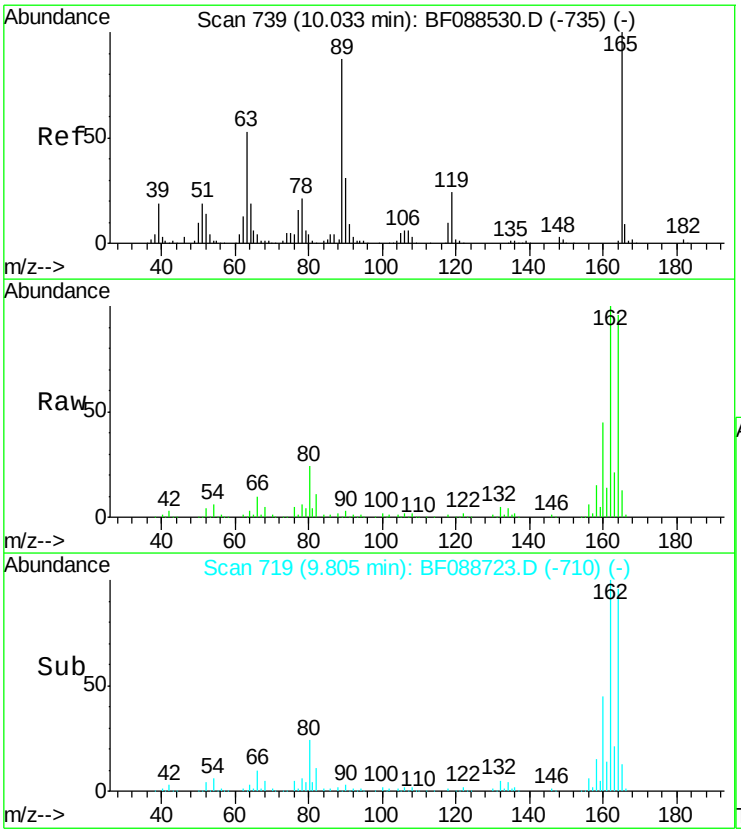
#49
Dimethylphthalate
Concen: 8.58 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF088723.D
Acq: 6 Jul 2016 1:05

Instrument :
BNA_F
ClientSampleId :
Q6-B4-6-12-C

Tgt Ion:163 Resp: 108134

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	9.6	8.3	12.5

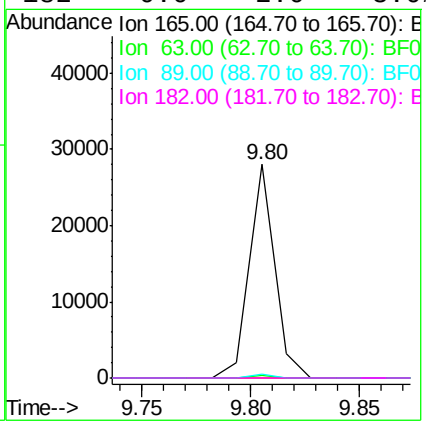


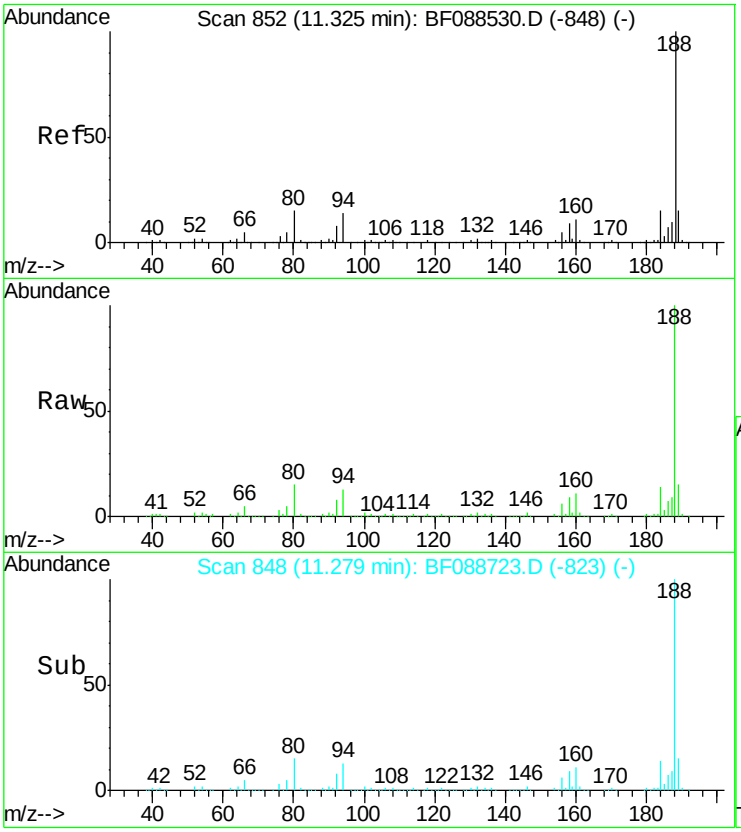


#56
2,4-Dinitrotoluene
Concen: 6.23 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.19 min
Lab File: BF088723.D
Acq: 6 Jul 2016 1:05

Tgt Ion:165 Resp: 22762

Ion	Ratio	Lower	Upper
165	100		
63	1.5	22.0	33.0#
89	1.8	41.1	61.7#
182	0.0	2.0	3.0#



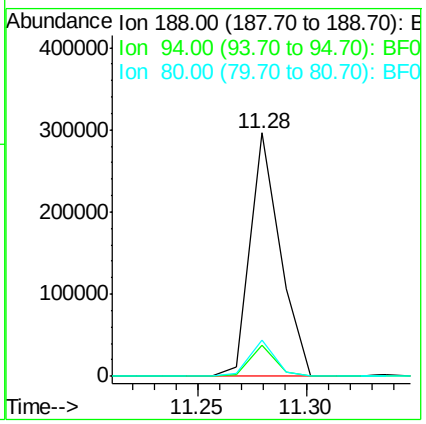


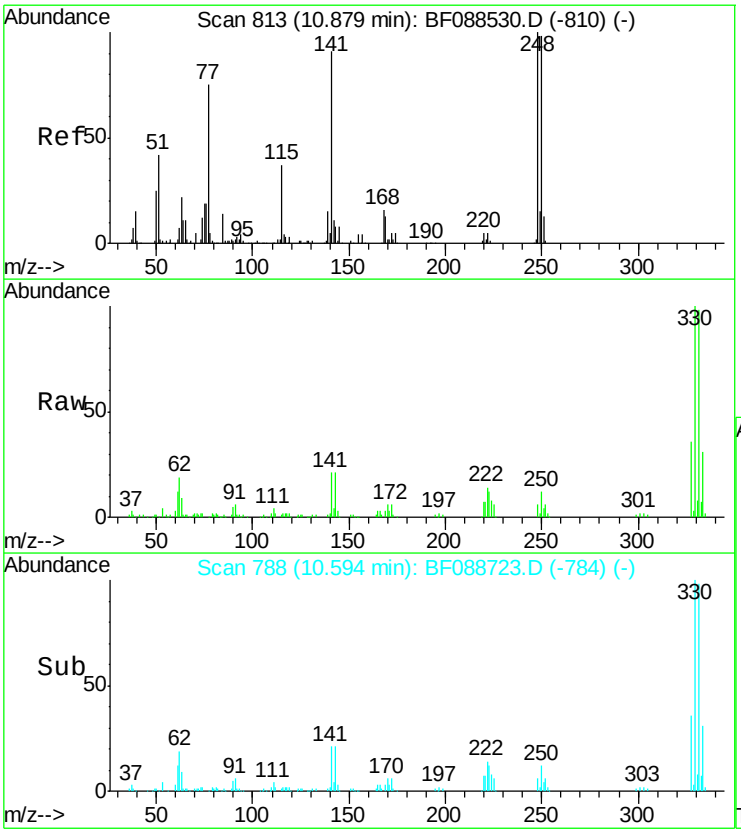
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF088723.D
Acq: 6 Jul 2016 1:05

Instrument :
BNA_F
ClientSampleId :
Q6-B4-6-12-C

Tgt Ion:188 Resp: 285217

Ion	Ratio	Lower	Upper
188	100		
94	12.9	9.0	13.6
80	15.0	10.0	15.0#

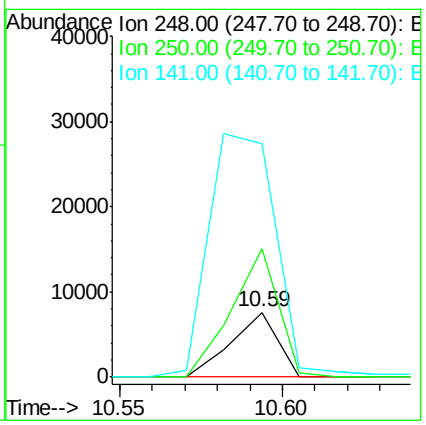


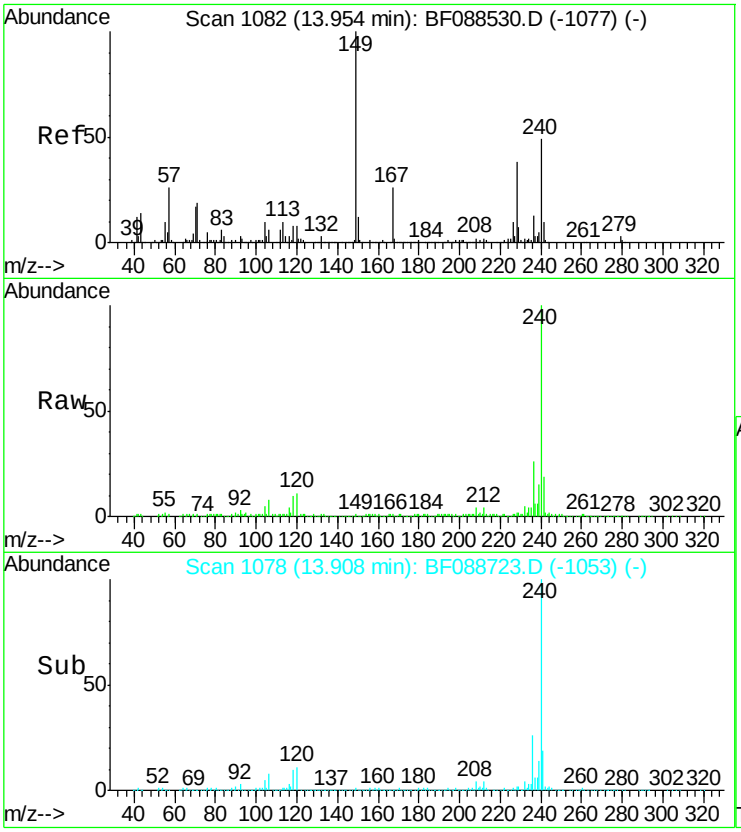


#66
4-Bromophenyl-phenylether
Concen: 2.59 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.25 min
Lab File: BF088723.D
Acq: 6 Jul 2016 1:05

Tgt Ion:248 Resp: 7440

Ion	Ratio	Lower	Upper
248	100		
250	197.6	77.1	115.7#
141	360.0	50.6	76.0#



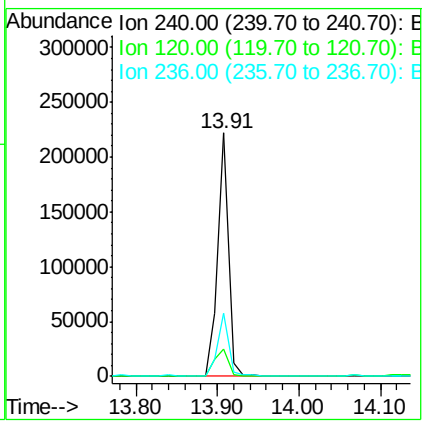


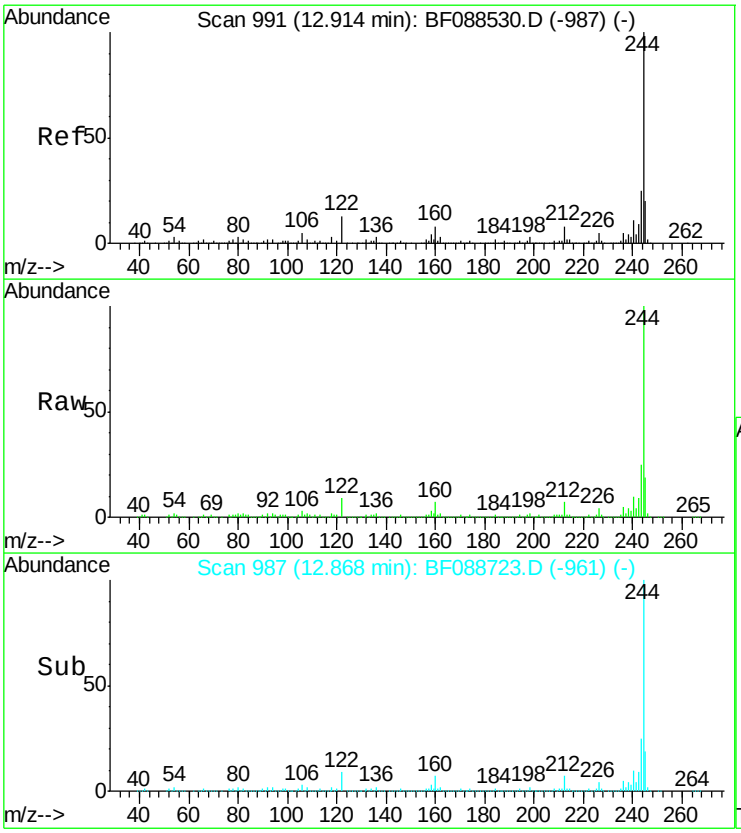
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF088723.D
Acq: 6 Jul 2016 1:05

Instrument :
BNA_F
ClientSampleId :
Q6-B4-6-12-C

Tgt Ion:240 Resp: 202675

Ion	Ratio	Lower	Upper
240	100		
120	11.0	6.8	10.2#
236	25.9	20.2	30.2

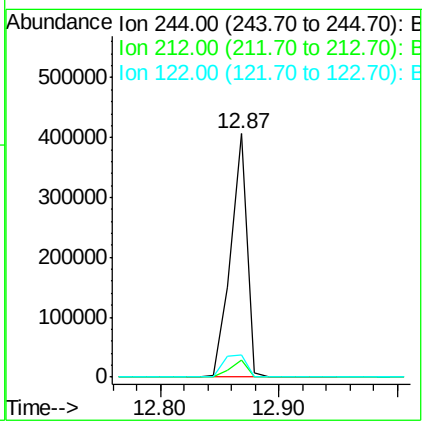


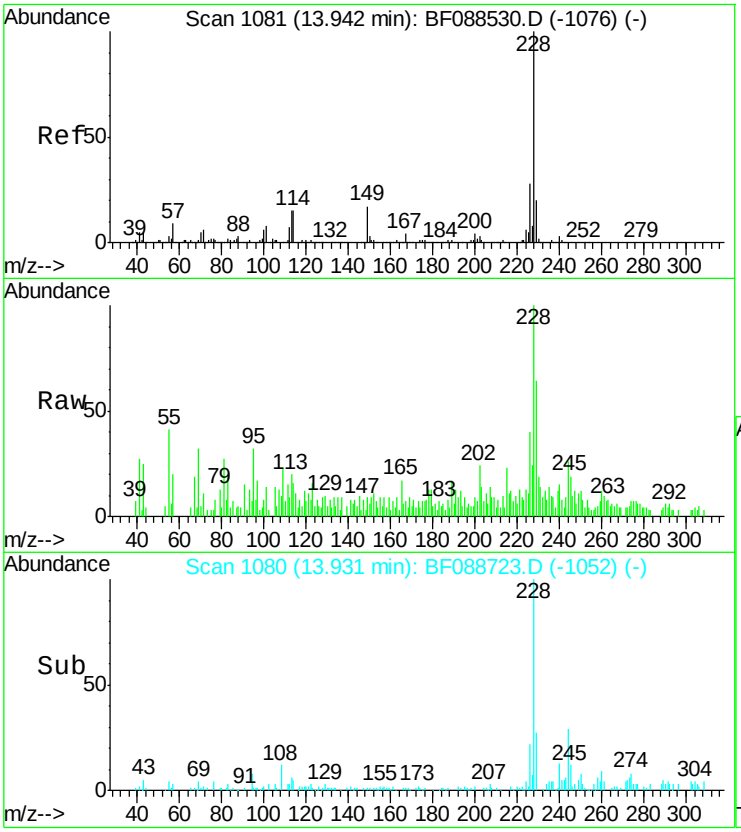


#78
Terphenyl-d14
Concen: 42.75 ng
RT: 12.87 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF088723.D
Acq: 6 Jul 2016 1:05

Tgt Ion:244 Resp: 389003

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	9.1	11.2	16.8#



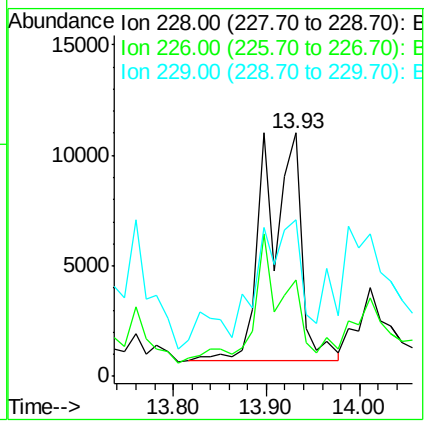


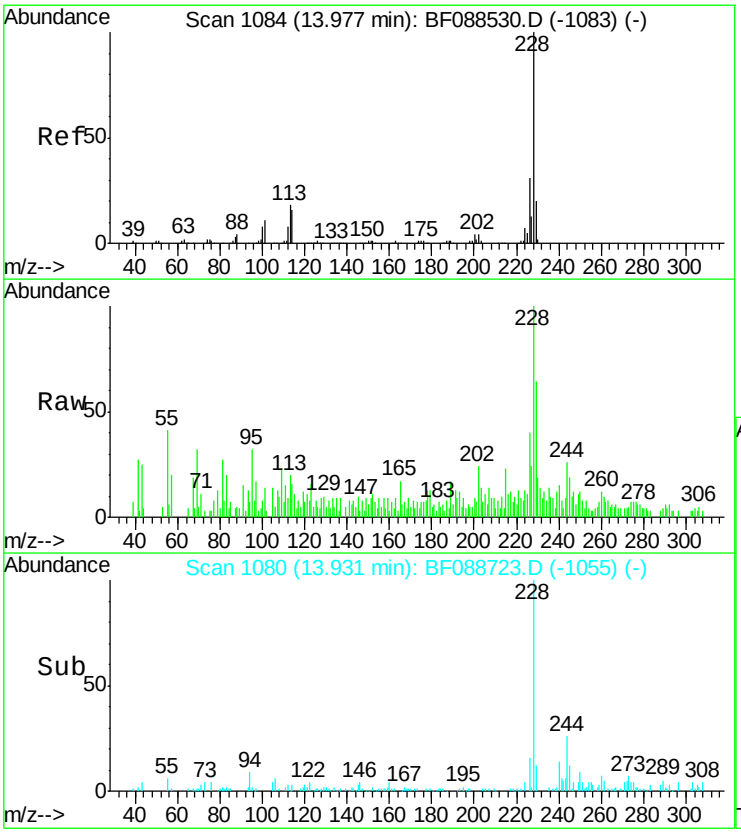
#80
Benzo(a)anthracene
Concen: 2.10 ng
RT: 13.93 min Scan# 1080
Delta R.T. 0.02 min
Lab File: BF088723.D
Acq: 6 Jul 2016 1:05

Instrument :
BNA_F
ClientSampleId :
Q6-B4-6-12-C

Tgt Ion:228 Resp: 27430

Ion	Ratio	Lower	Upper
228	100		
226	39.8	22.3	33.5#
229	64.5	16.0	24.0#

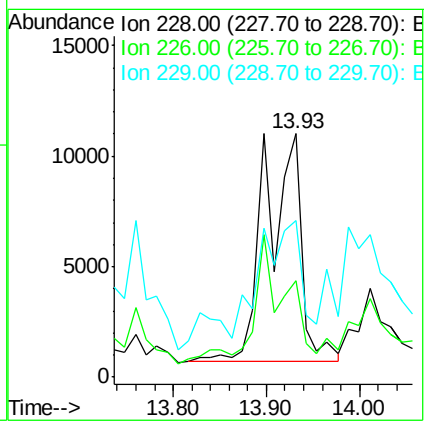


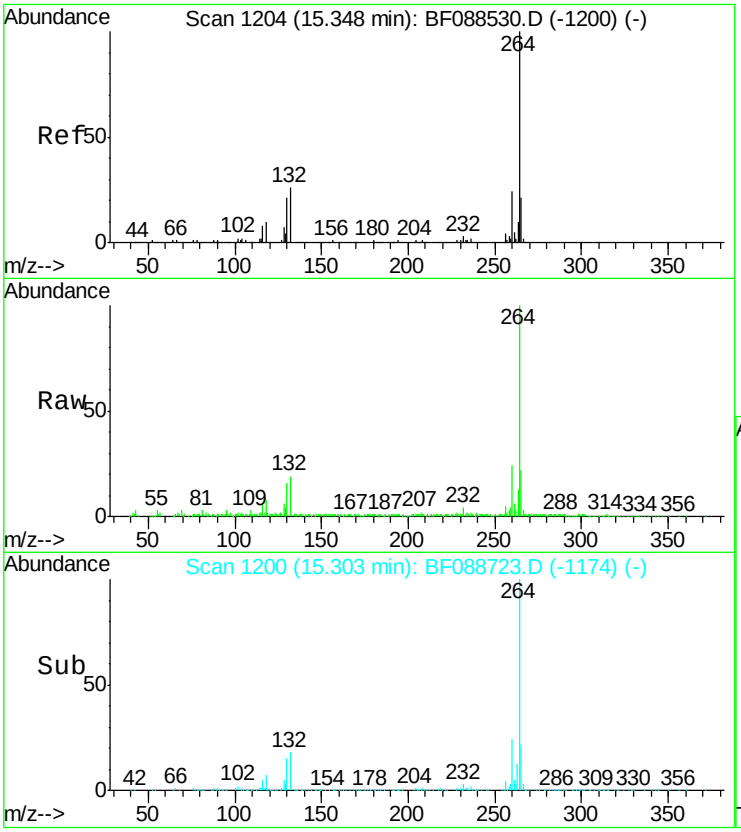


#82
Chrysene
Concen: 2.12 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF088723.D
Acq: 6 Jul 2016 1:05

Tgt Ion:228 Resp: 27430

Ion	Ratio	Lower	Upper
228	100		
226	39.8	25.4	38.2#
229	64.5	16.3	24.5#



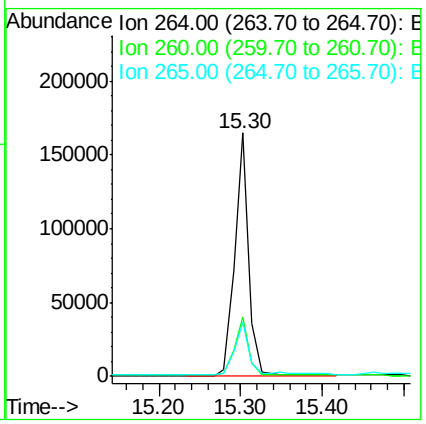


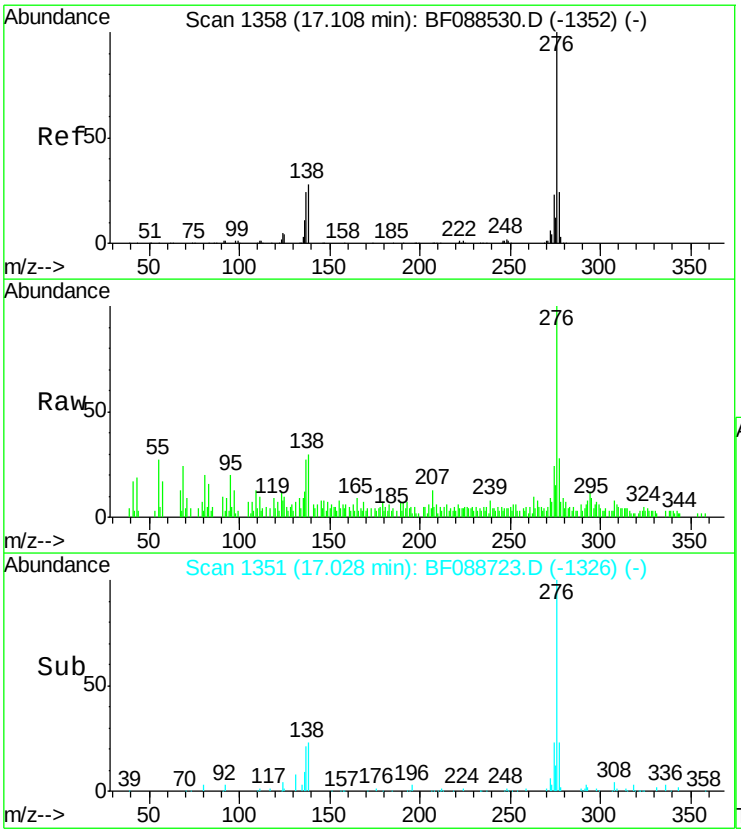
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF088723.D
Acq: 6 Jul 2016 1:05

Instrument :
BNA_F
ClientSampleId :
Q6-B4-6-12-C

Tgt Ion:264 Resp: 193281

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.2	16.9	25.3





#91
Benzo(g,h,i)perylene
Concen: 2.84 ng
RT: 17.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF088723.D
Acq: 6 Jul 2016 1:05

Tgt Ion:276 Resp: 25216

Ion	Ratio	Lower	Upper
276	100		
277	28.0	18.9	28.3
138	29.8	21.4	32.2