Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070316\
Data File : BF088694.D
Acq On : 4 Jul 2016 14:32
Operator : UM/SJ
Sample : H3822-13
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E9-B3(0-11)C

Quant Time: Jul 05 00:51:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	106111	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	366290	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	150844	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	252045	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	196051	20.00	ng	-0.03
86) Perylene-d12	15.31	264	159868	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	634378	89.60	ng	-0.02
7) Phenol-d6	6.42	99	849608	92.87	ng	-0.02
23) Nitrobenzene-d5	7.35	82	502008	71.82	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	135036	96.40	ng	-0.03
44) 2-Fluorobiphenyl	9.15	172	935661	97.98	ng	-0.02
78) Terphenyl-d14	12.88	244	558612	63.46	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.35	70	66494	10.82	ng	# 73
25) Isophorone	7.35	82	442668	34.19	ng	# 65
49) Dimethylphthalate	9.54	163	158382	14.74	ng	99
56) 2,4-Dinitrotoluene	9.82	165	19582	6.29	ng	# 38
66) 4-Bromophenyl-phenylether	10.60	248	9340	3.68	ng	# 1
74) Fluoranthene	12.50	202	38226	2.74	ng	98
77) Pyrene	12.73	202	33429	2.01	ng	98
87) Benzo(b)fluoranthene	14.93	252	28339	2.83	ng	# 88
88) Benzo(k)fluoranthene	14.93	252	28339	3.25	ng	# 93

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

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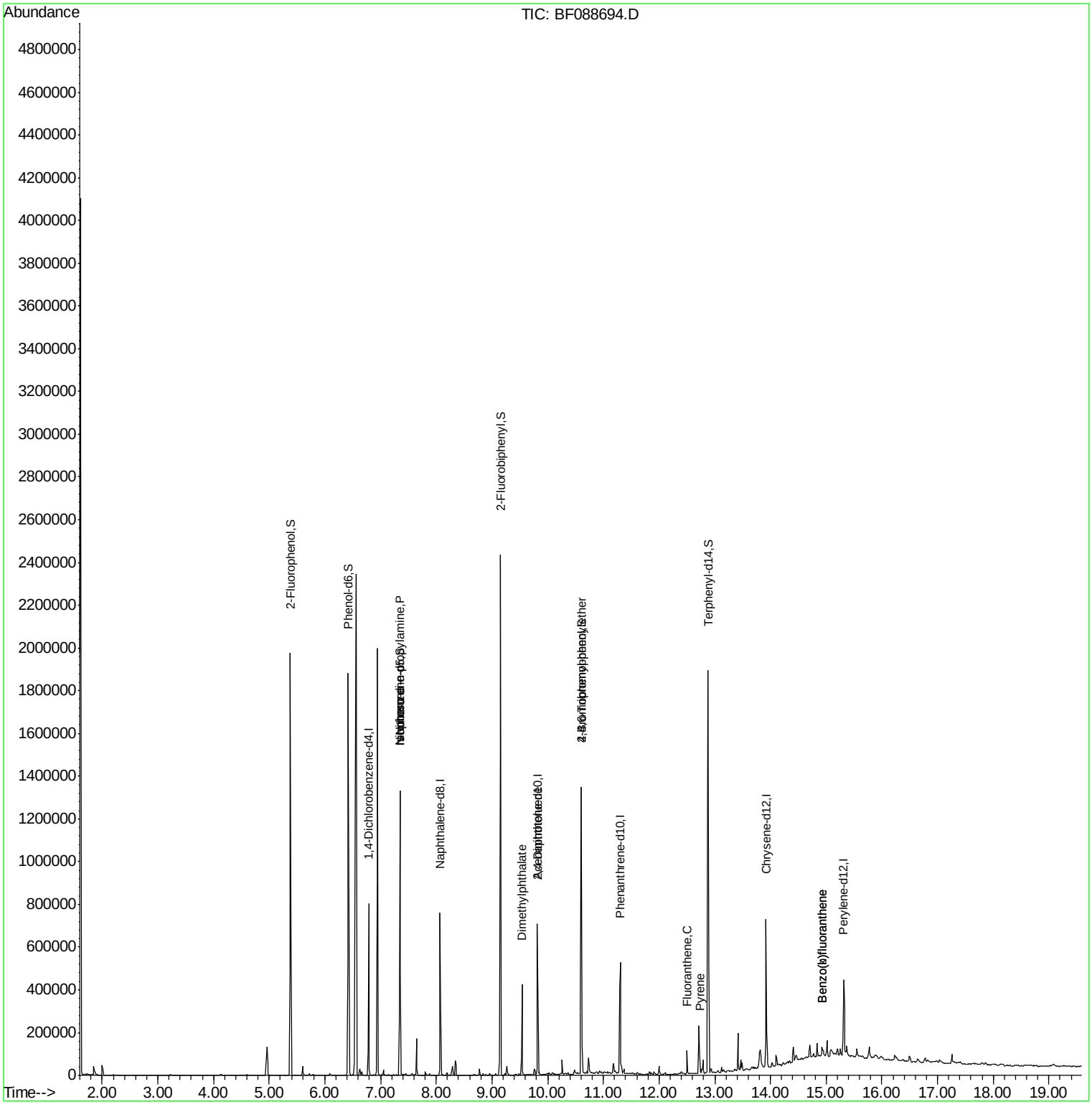
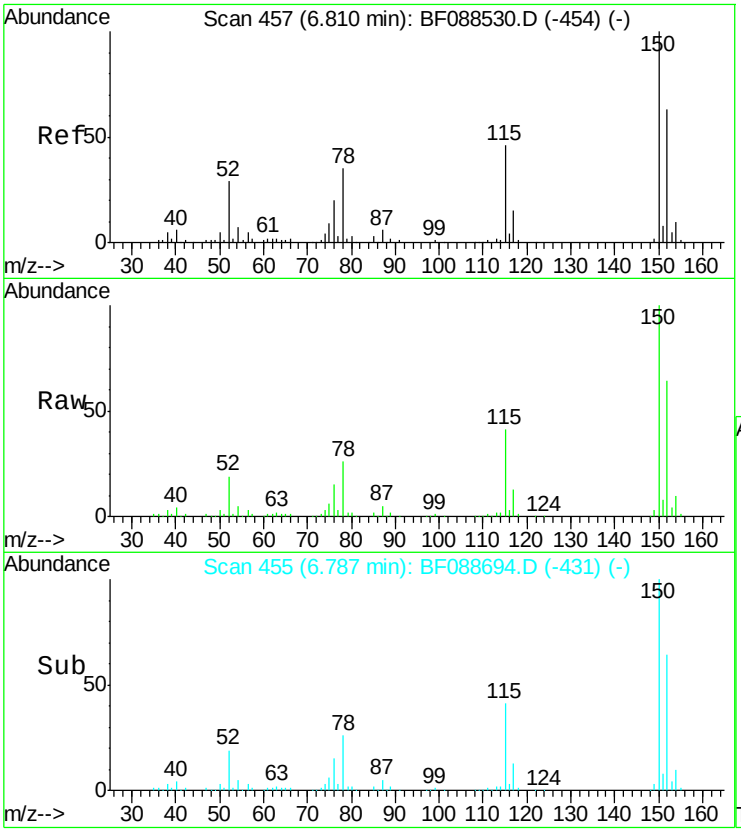


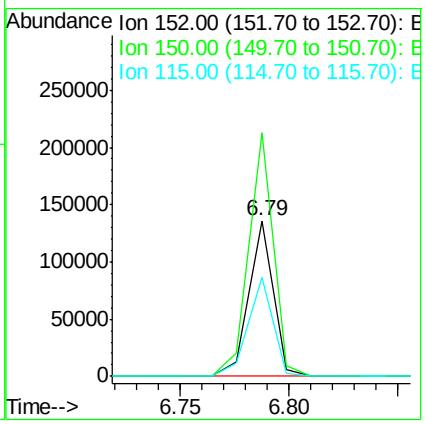


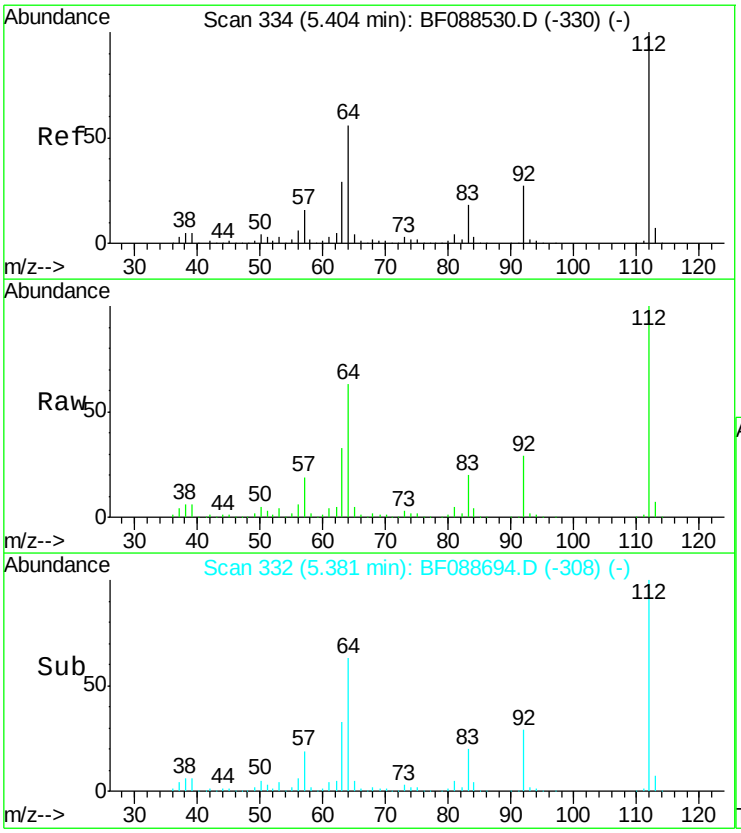
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Instrument :
BNA_F
ClientSampleId :
E9-B3(0-11)C

Tgt Ion:152 Resp: 106111

Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.8	185.6
115	63.9	39.6	59.4#

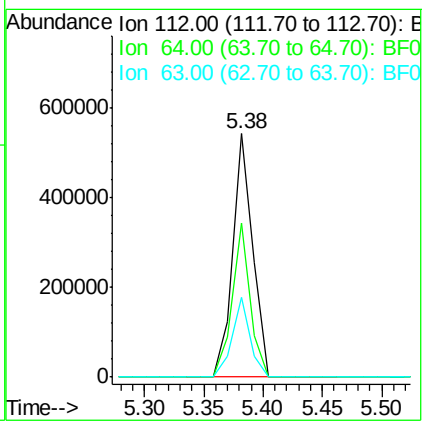


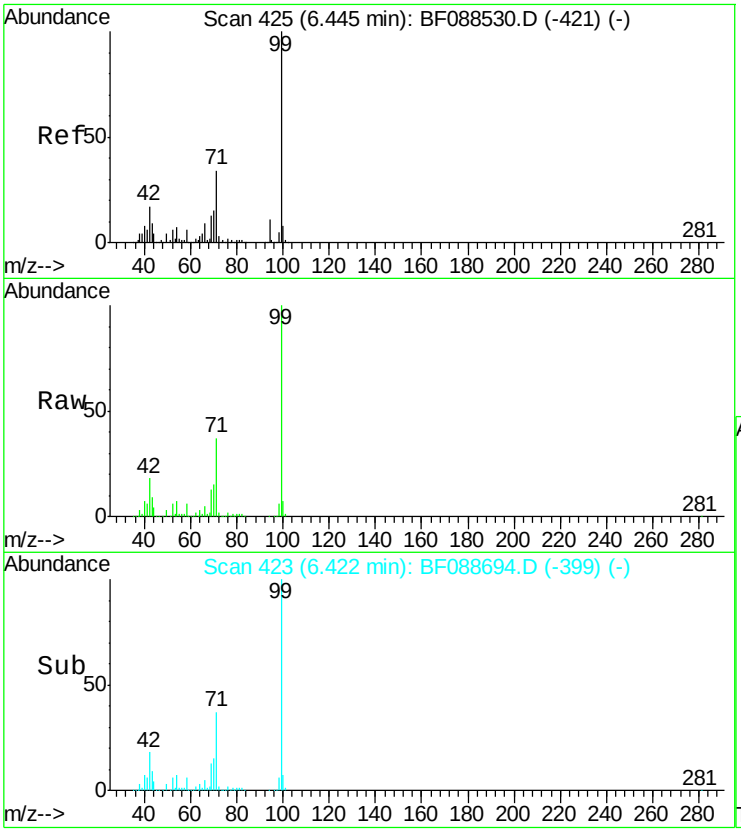


#5
2-Fluorophenol
Concen: 89.60 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Tgt Ion:112 Resp: 634378

Ion	Ratio	Lower	Upper
112	100		
64	63.3	42.2	63.2#
63	32.8	21.8	32.8



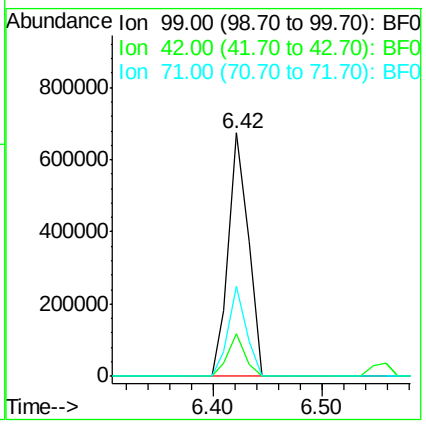


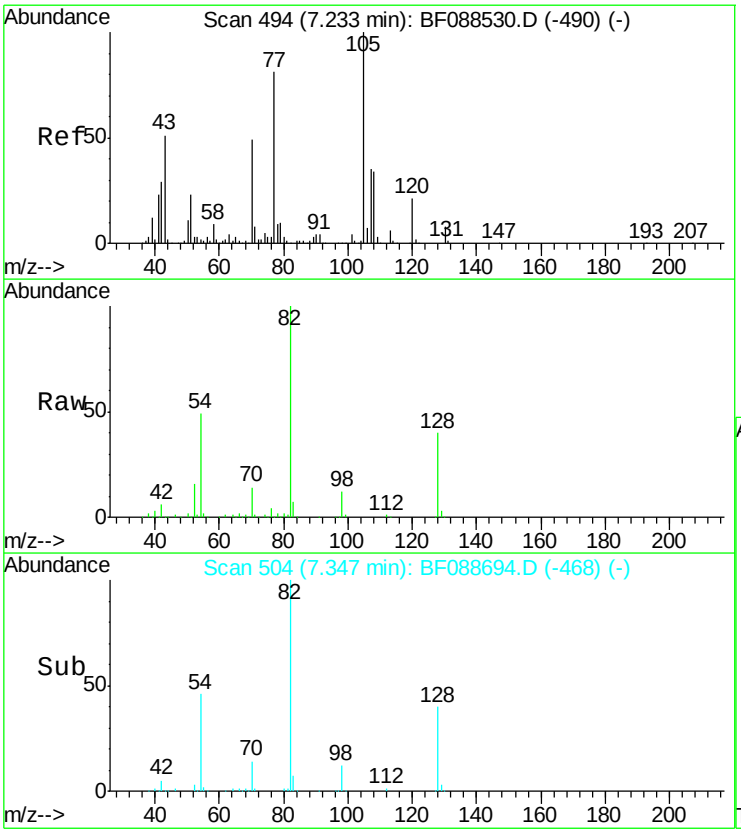
#7
Phenol-d6
Concen: 92.87 ng
RT: 6.42 min Scan# 423
Delta R.T. -0.02 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Instrument :
BNA_F
ClientSampleId :
E9-B3(0-11)C

Tgt Ion: 99 Resp: 849608

Ion	Ratio	Lower	Upper
99	100		
42	17.7	12.2	18.2
71	36.9	23.4	35.0#

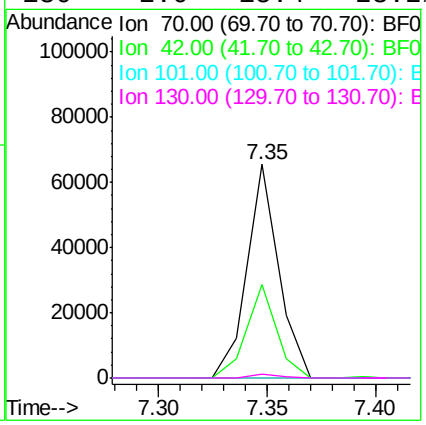


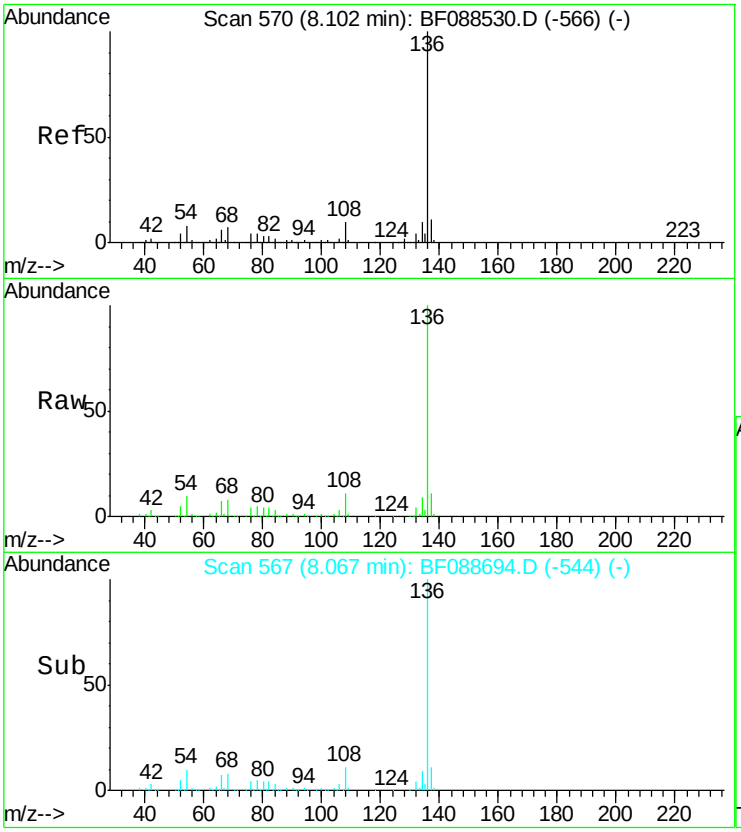


#19
n-Nitroso-di-n-propylamine
Concen: 10.82 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.11 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Tgt Ion: 70 Resp: 66494

Ion	Ratio	Lower	Upper
70	100		
42	43.8	49.6	74.4#
101	0.0	7.1	10.7#
130	2.0	15.4	23.2#



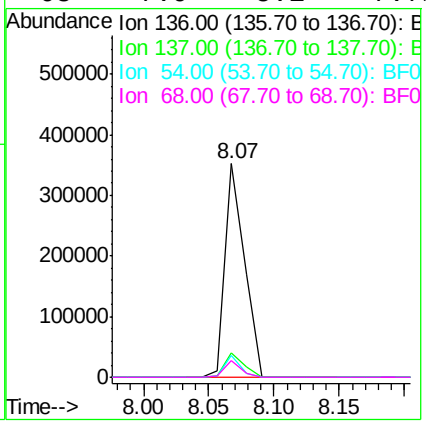


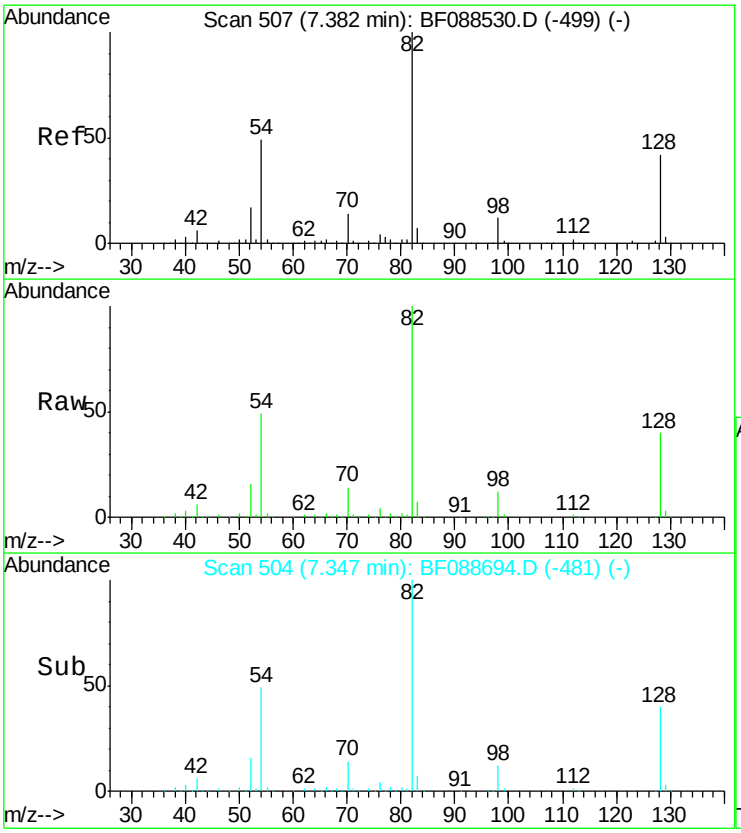
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.03 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Instrument :
BNA_F
ClientSampleId :
E9-B3(0-11)C

Tgt Ion:136 Resp: 366290

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	10.0	6.6	10.0#
68	7.9	5.1	7.7#

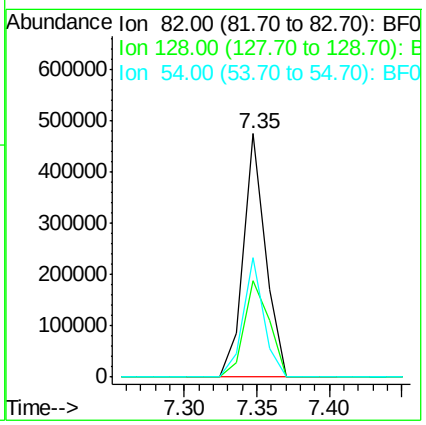


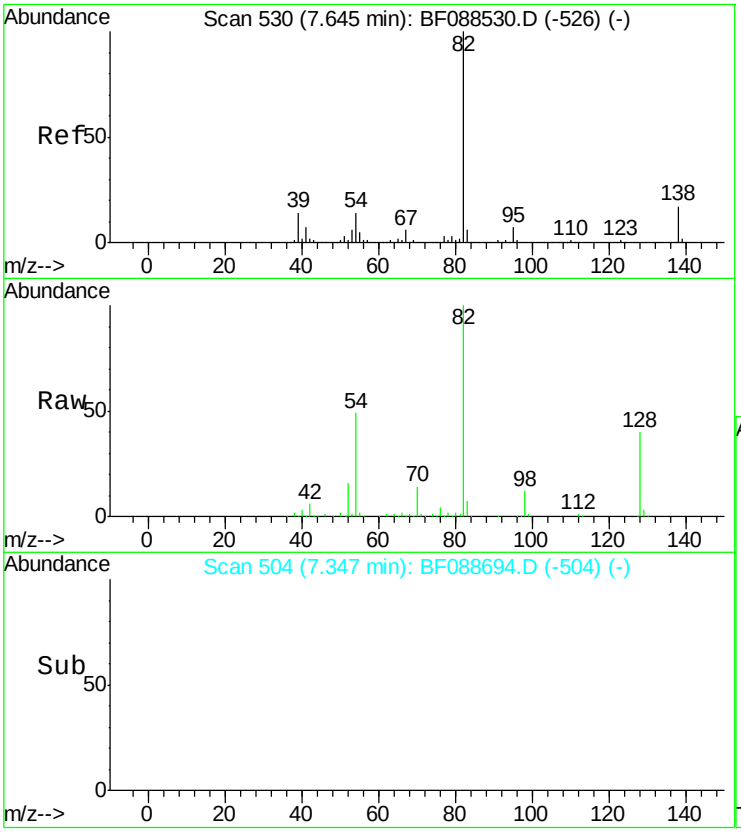


#23
Nitrobenzene-d5
Concen: 71.82 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.03 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Tgt Ion: 82 Resp: 502008

Ion	Ratio	Lower	Upper
82	100		
128	39.6	35.9	53.9
54	49.1	40.9	61.3



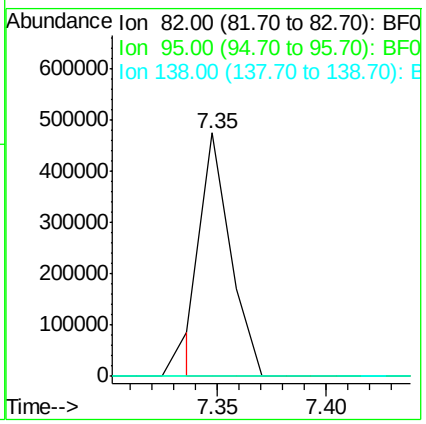


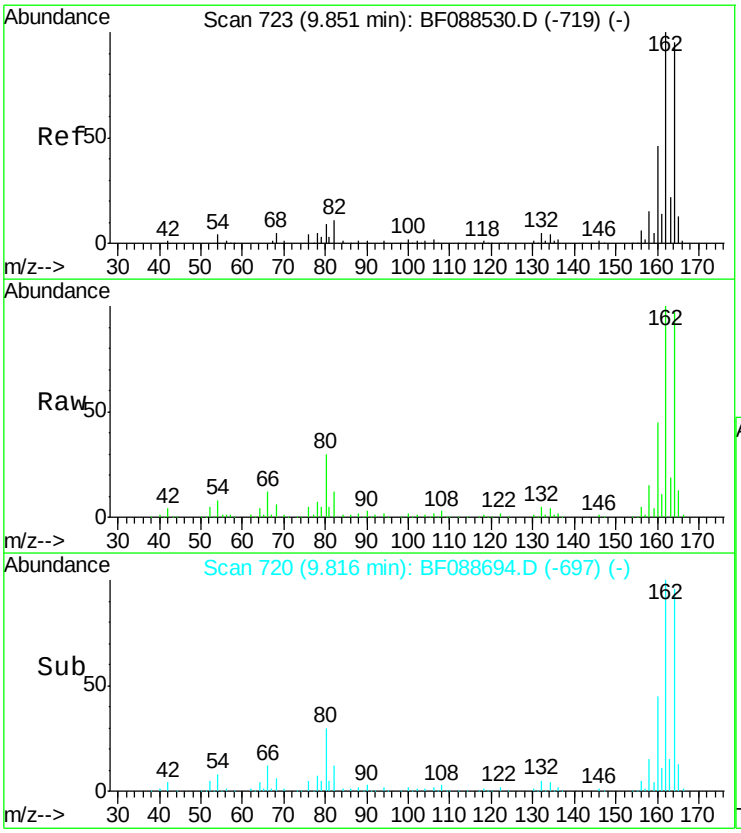
#25
Isophorone
Concen: 34.19 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.30 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Instrument :
BNA_F
ClientSampleId :
E9-B3(0-11)C

Tgt Ion: 82 Resp: 442668

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

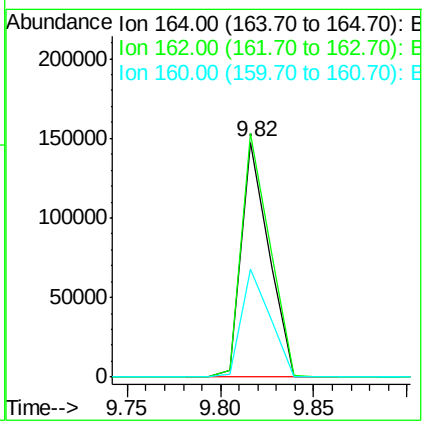


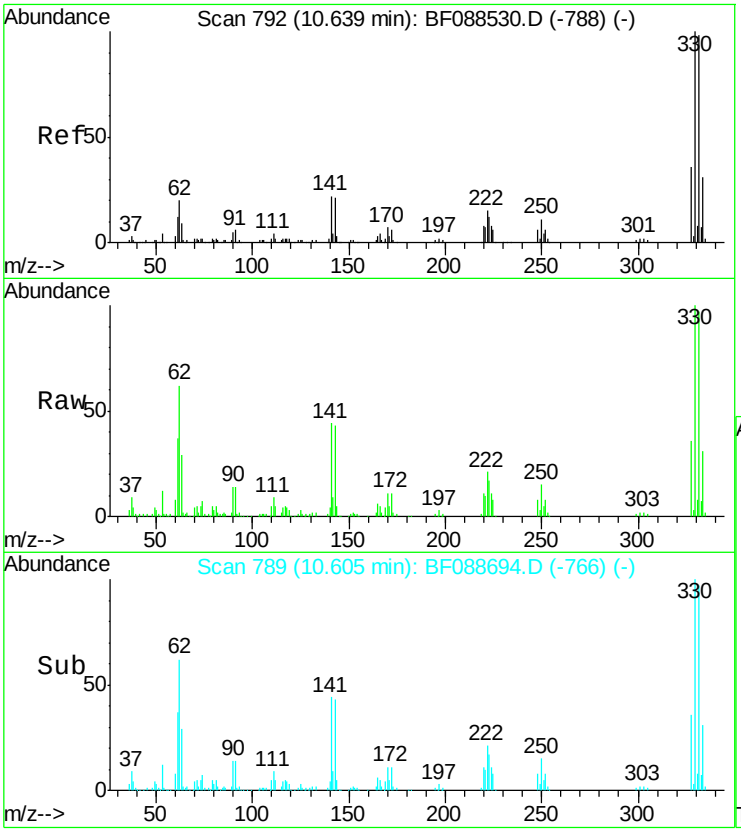


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Tgt Ion:164 Resp: 150844

Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.4	128.2
160	46.1	39.5	59.3



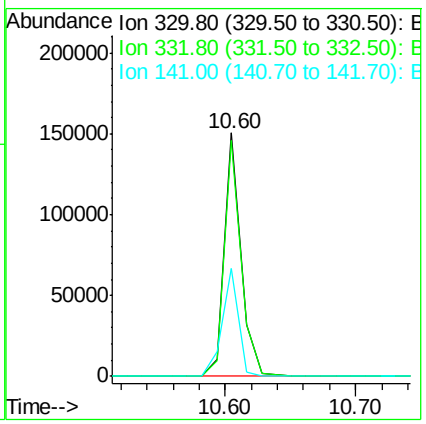


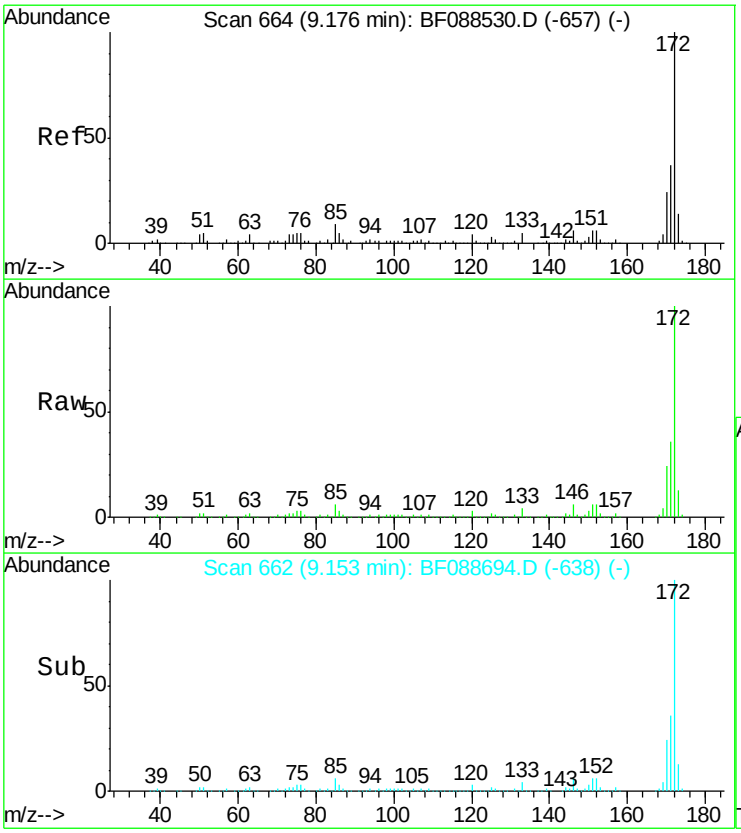
#41
2,4,6-Tribromophenol
Concen: 96.40 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Instrument :
BNA_F
ClientSampleId :
E9-B3(0-11)C

Tgt Ion:330 Resp: 135036

Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	43.4	0.0	0.0#

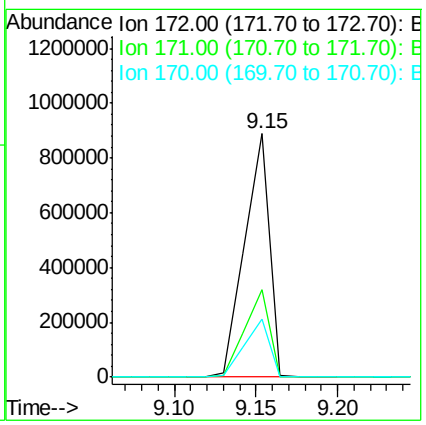


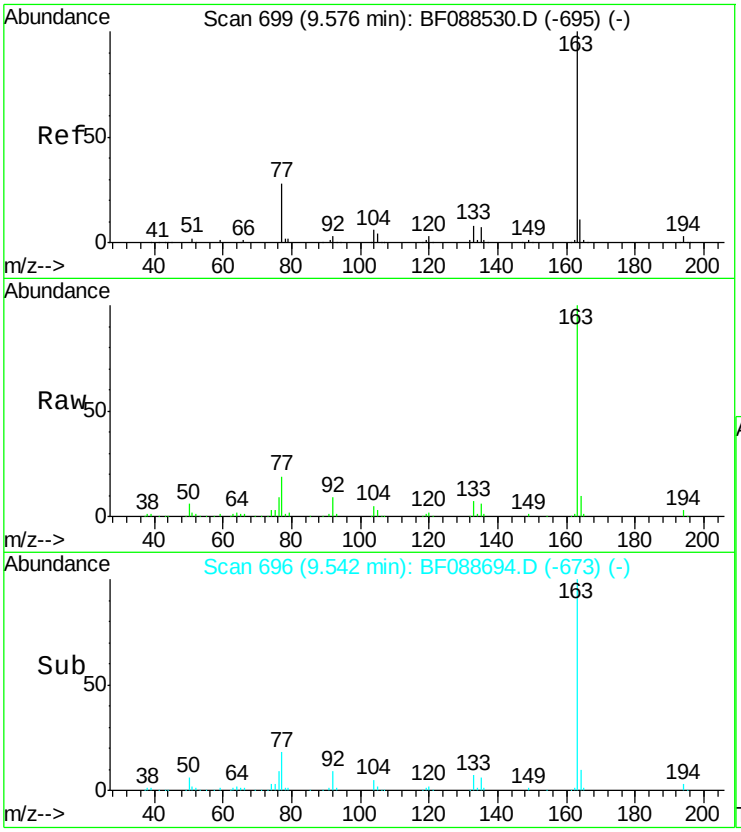


#44
2-Fluorobiphenyl
Concen: 97.98 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Tgt Ion:172 Resp: 935661

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.9	19.2	28.8



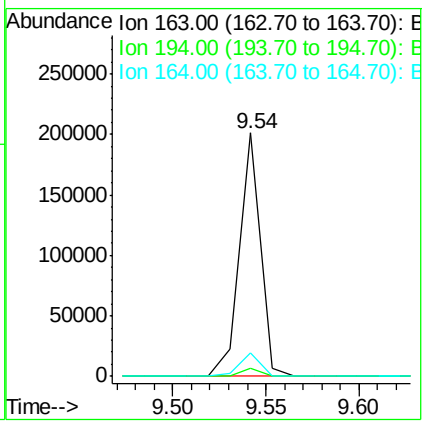


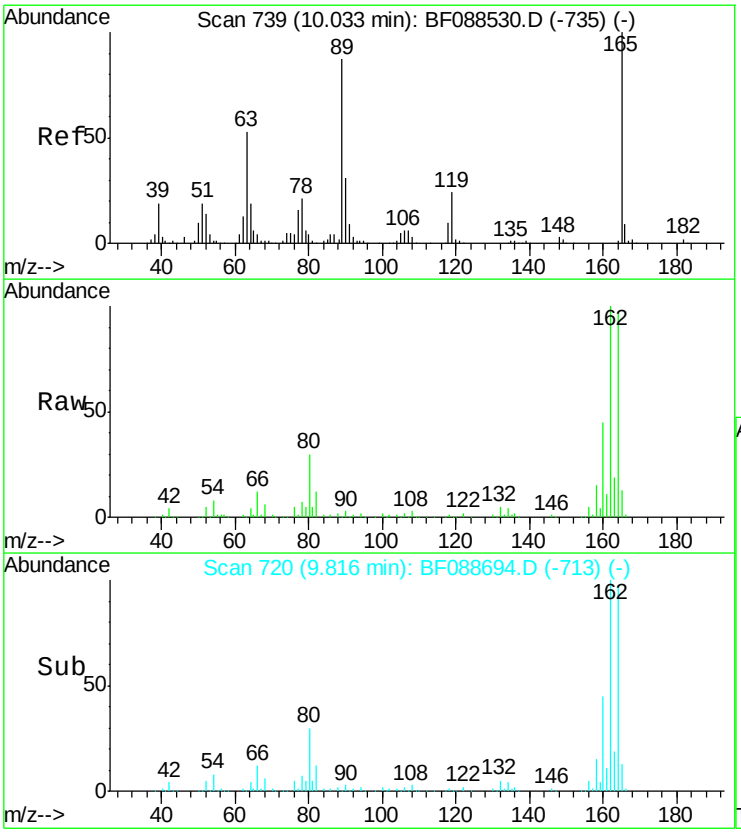
#49
Dimethylphthalate
Concen: 14.74 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Instrument :
BNA_F
ClientSampleId :
E9-B3(0-11)C

Tgt Ion:163 Resp: 158382

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.7	8.3	12.5

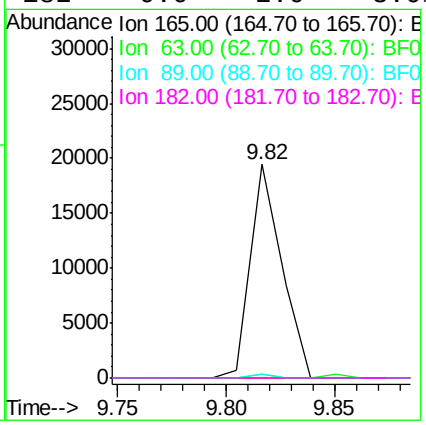


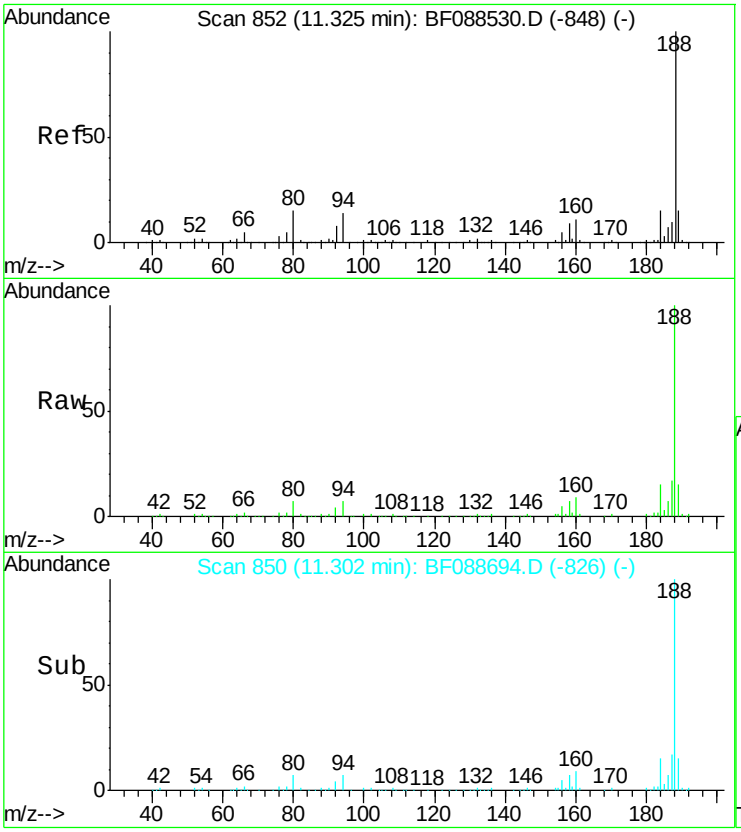


#56
2,4-Dinitrotoluene
Concen: 6.29 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.22 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Tgt Ion:165 Resp: 19582

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



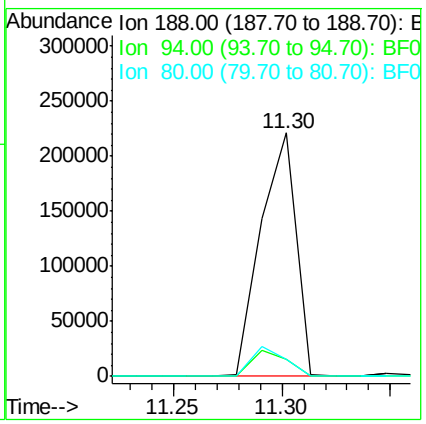


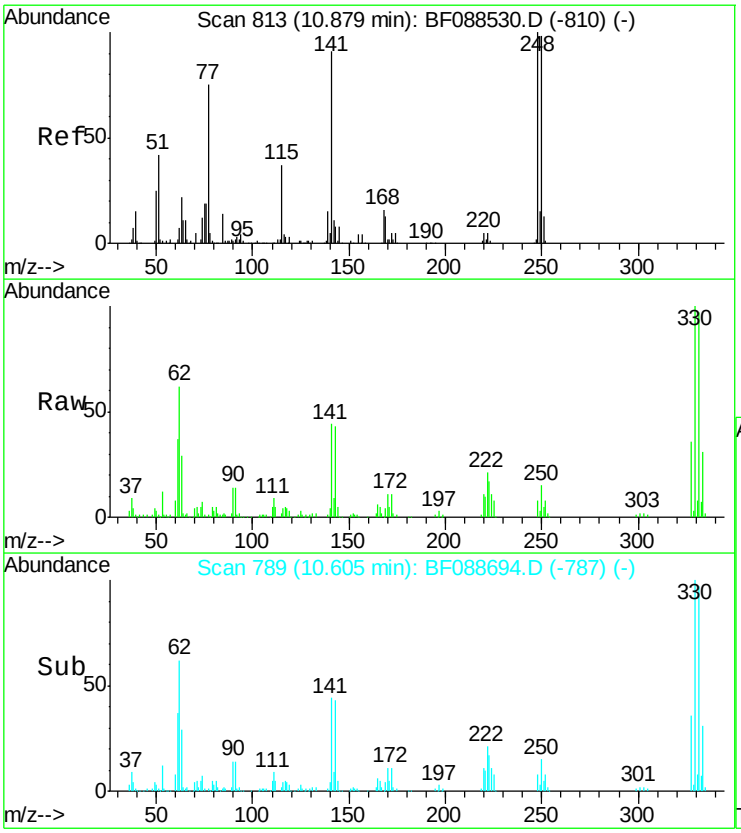
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Instrument :
BNA_F
ClientSampleId :
E9-B3(0-11)C

Tgt Ion:188 Resp: 252045

Ion	Ratio	Lower	Upper
188	100		
94	6.9	9.0	13.6#
80	7.2	10.0	15.0#

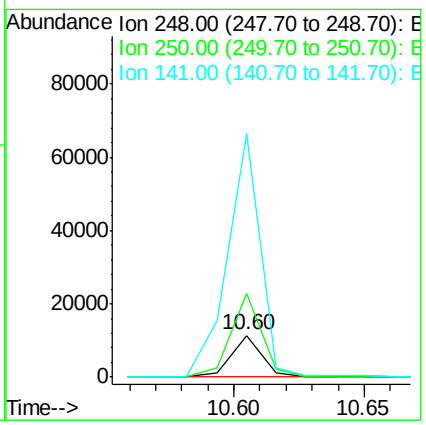


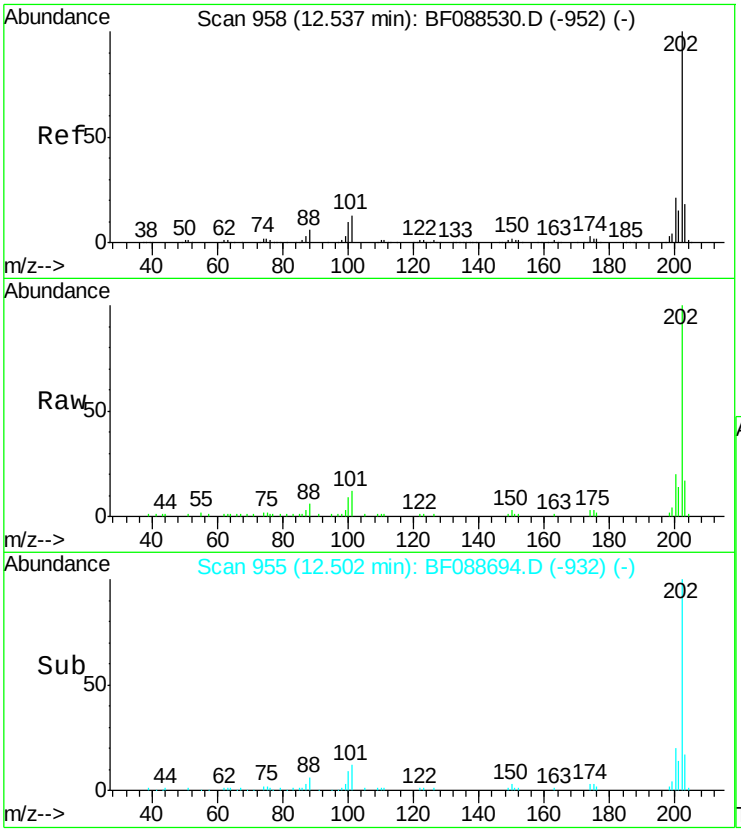


#66
4-Bromophenyl-phenylether
Concen: 3.68 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.27 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Tgt Ion:248 Resp: 9340

Ion	Ratio	Lower	Upper
248	100		
250	202.2	77.1	115.7#
141	586.0	50.6	76.0#



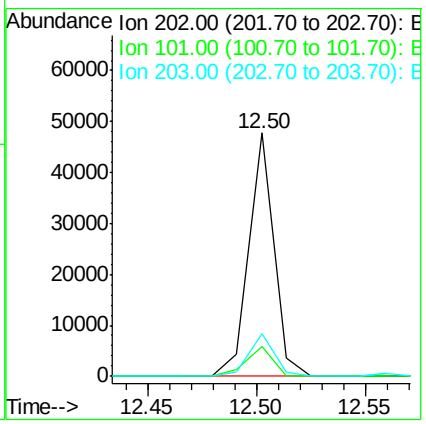


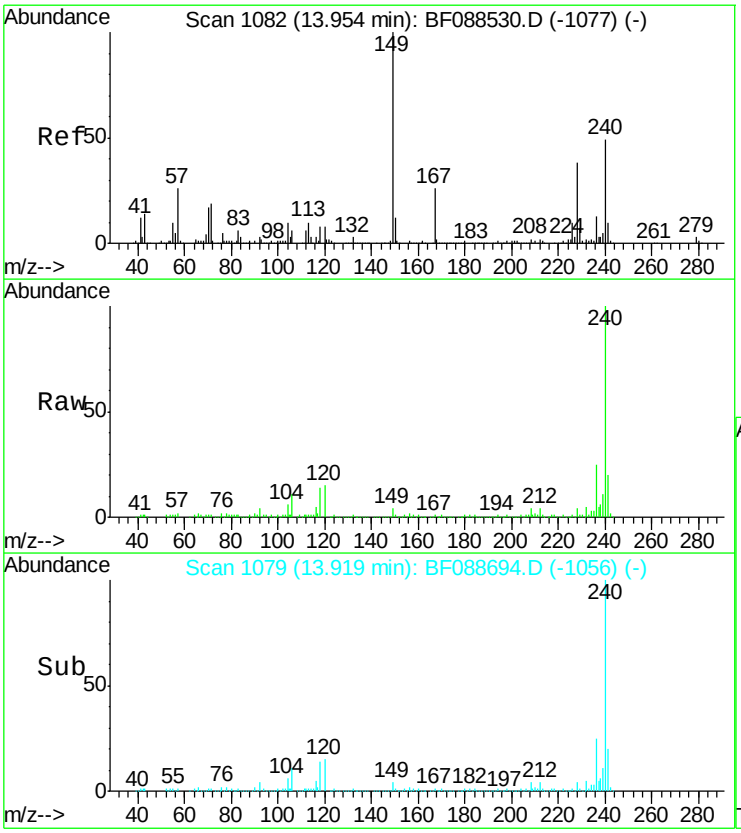
#74
Fluoranthene
Concen: 2.74 ng
RT: 12.50 min Scan# 955
Delta R.T. -0.03 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Instrument :
BNA_F
ClientSampleId :
E9-B3(0-11)C

Tgt Ion:202 Resp: 38226

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	33.1
203	17.5	0.0	38.1

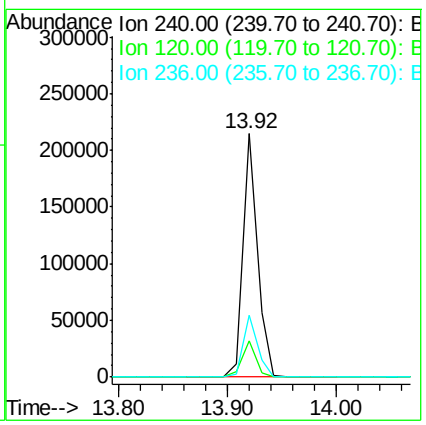


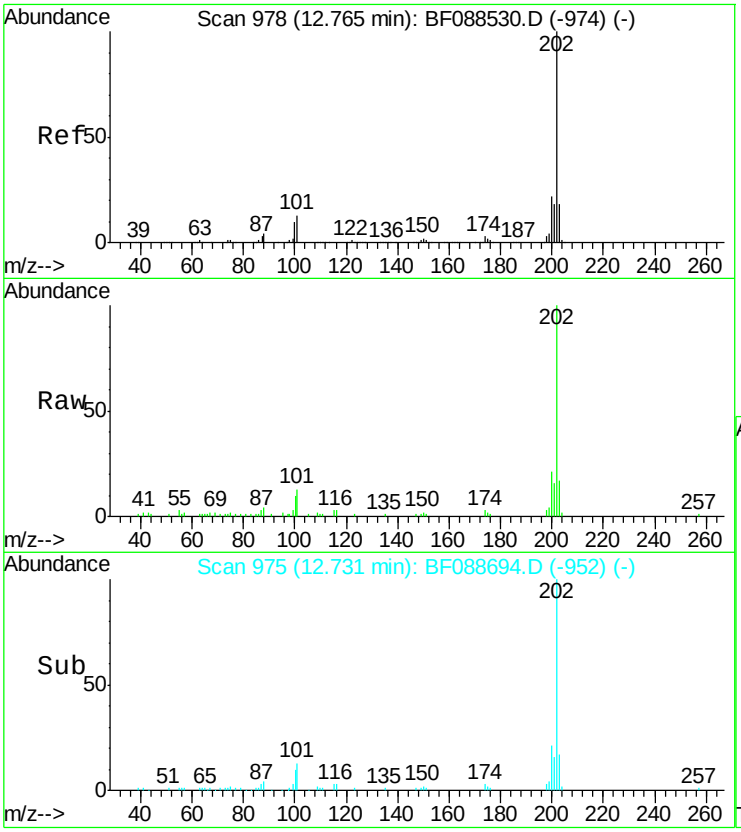


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Tgt Ion:240 Resp: 196051

Ion	Ratio	Lower	Upper
240	100		
120	15.1	6.8	10.2#
236	25.3	20.2	30.2



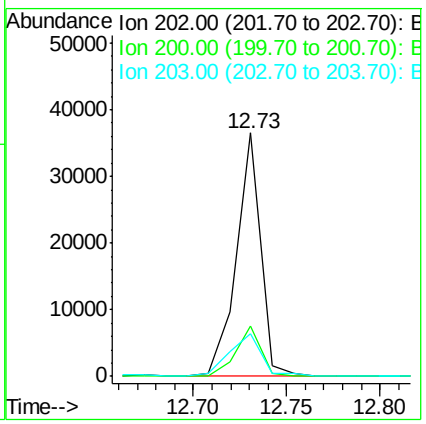


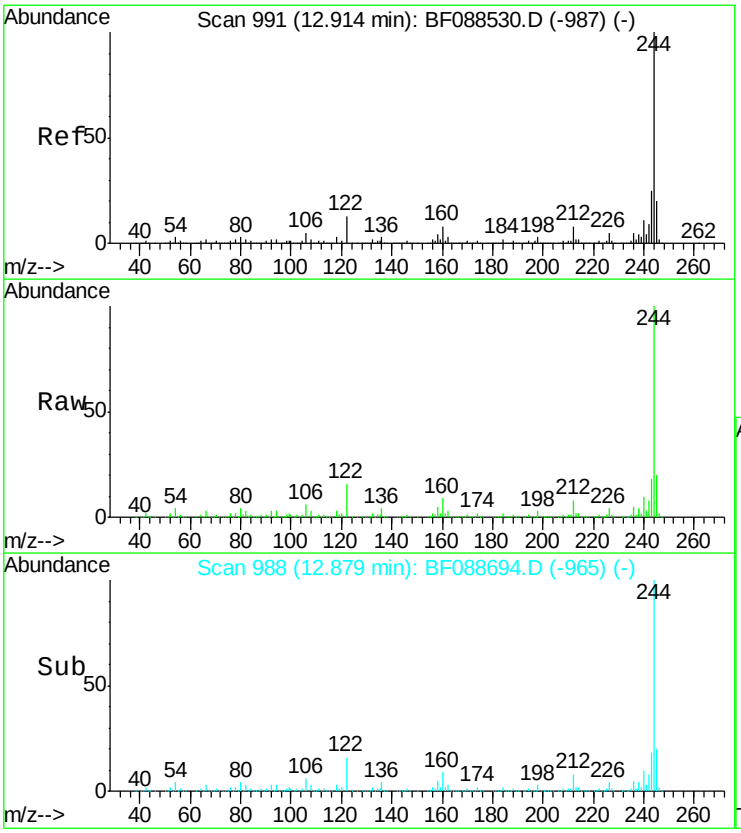
#77
Pyrene
Concen: 2.01 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.03 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Instrument :
BNA_F
ClientSampleId :
E9-B3(0-11)C

Tgt Ion:202 Resp: 33429

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.5	14.5	21.7

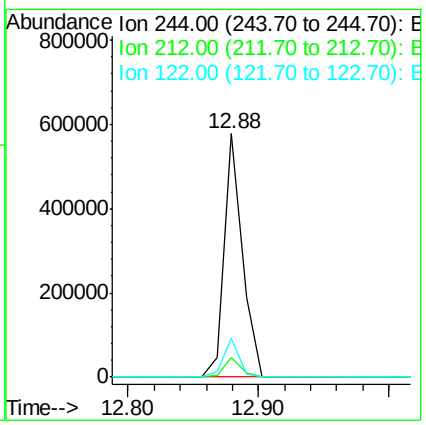


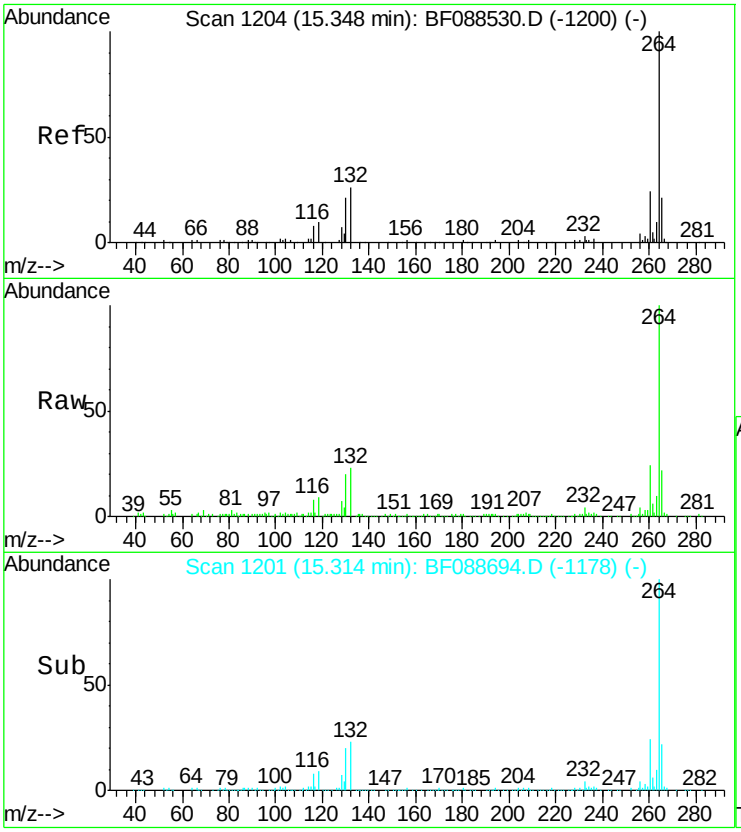


#78
Terphenyl-d14
Concen: 63.46 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.03 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Tgt Ion:244 Resp: 558612

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	15.8	11.2	16.8



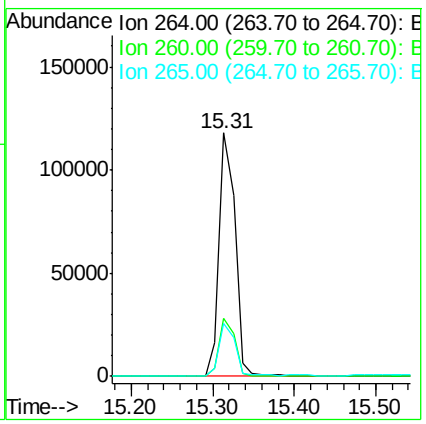


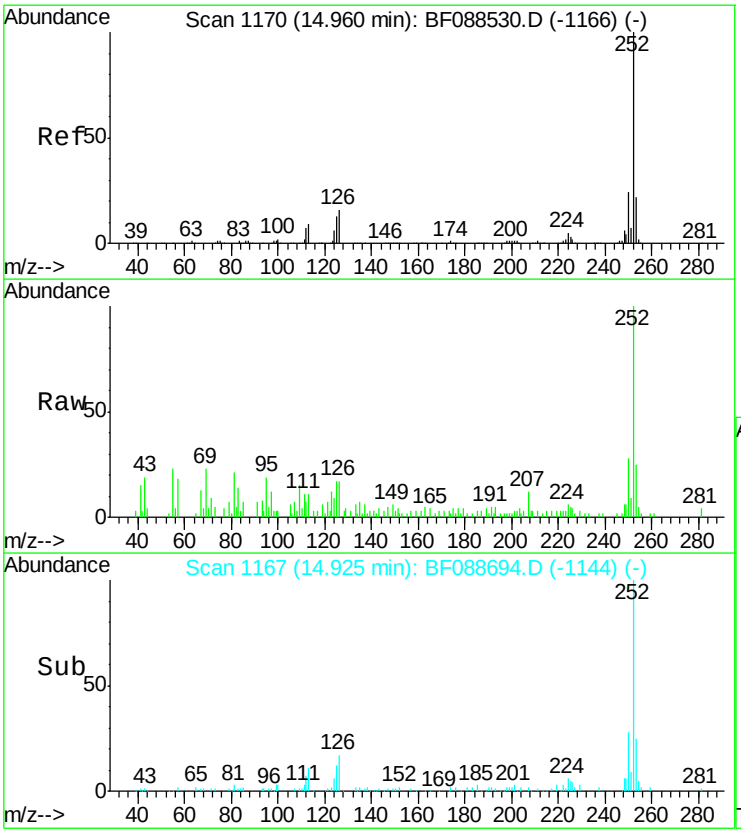
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Instrument :
BNA_F
ClientSampleId :
E9-B3(0-11)C

Tgt Ion:264 Resp: 159868

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	16.9	25.3

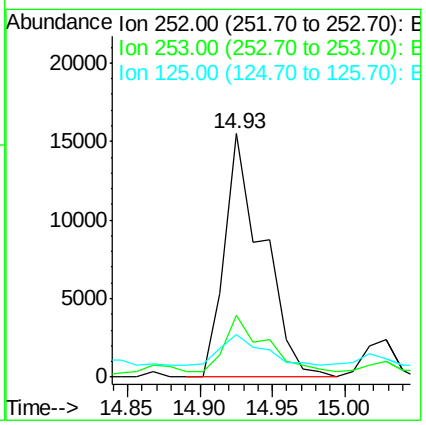


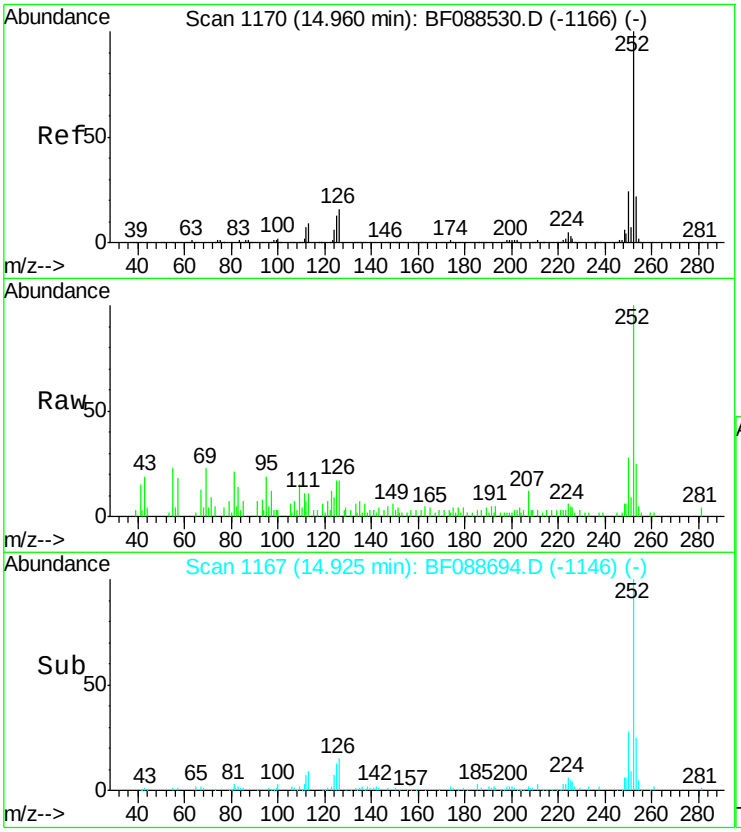


#87
Benzo(b)fluoranthene
Concen: 2.83 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Tgt Ion:252 Resp: 28339

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.4	26.2
125	17.4	7.1	10.7#





#88
Benzo(k)fluoranthene
Concen: 3.25 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.06 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Instrument :
BNA_F
ClientSampleId :
E9-B3(0-11)C

Tgt Ion:252 Resp: 28339

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.0	27.0
125	17.4	11.2	16.8#