Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085867.D
Acq On : 29 Mar 2016 23:50
Operator : UM/SJ
Sample : H1979-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10

Quant Time: Mar 29 23:55:00 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	107994	20.00	ng		-0.02
21) Naphthalene-d8	8.09	136	432703	20.00	ng		-0.02
38) Acenaphthene-d10	9.84	164	169705	20.00	ng		-0.02
63) Phenanthrene-d10	11.33	188	275140	20.00	ng		-0.02
75) Chrysene-d12	13.97	240	227648	20.00	ng		-0.01
86) Perylene-d12	15.39	264	204168	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	745308	114.94	ng		0.00
7) Phenol-d6	6.45	99	867312	105.20	ng		-0.01
23) Nitrobenzene-d5	7.37	82	575008	74.83	ng		-0.02
41) 2,4,6-Tribromophenol	10.63	330	141997	88.07	ng		-0.02
44) 2-Fluorobiphenyl	9.17	172	707228	69.63	ng		-0.02
78) Terphenyl-d14	12.92	244	392049	35.42	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	14769	2.97	ng		83
19) n-Nitroso-di-n-propylamine	7.37	70	75866	15.37	ng	#	78
25) Isophorone	7.37	82	456958	30.87	ng	#	68
37) 2-Methylnaphthalene	8.90	142	656	Below Cal			89
49) Dimethylphthalate	9.57	163	133665	10.38	ng		98
56) 2,4-Dinitrotoluene	9.84	165	21731	6.17	ng	#	36
66) 4-Bromophenyl-phenylether	10.63	248	9408	3.34	ng	#	1
74) Fluoranthene	12.54	202	36094	2.40	ng		92
87) Benzo(b)fluoranthene	14.99	252	38869	3.02	ng	#	89
88) Benzo(k)fluoranthene	14.99	252	38869	3.35	ng	#	87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085867.D
Acq On : 29 Mar 2016 23:50
Operator : UM/SJ
Sample : H1979-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10

Quant Time: Mar 29 23:55:00 2016
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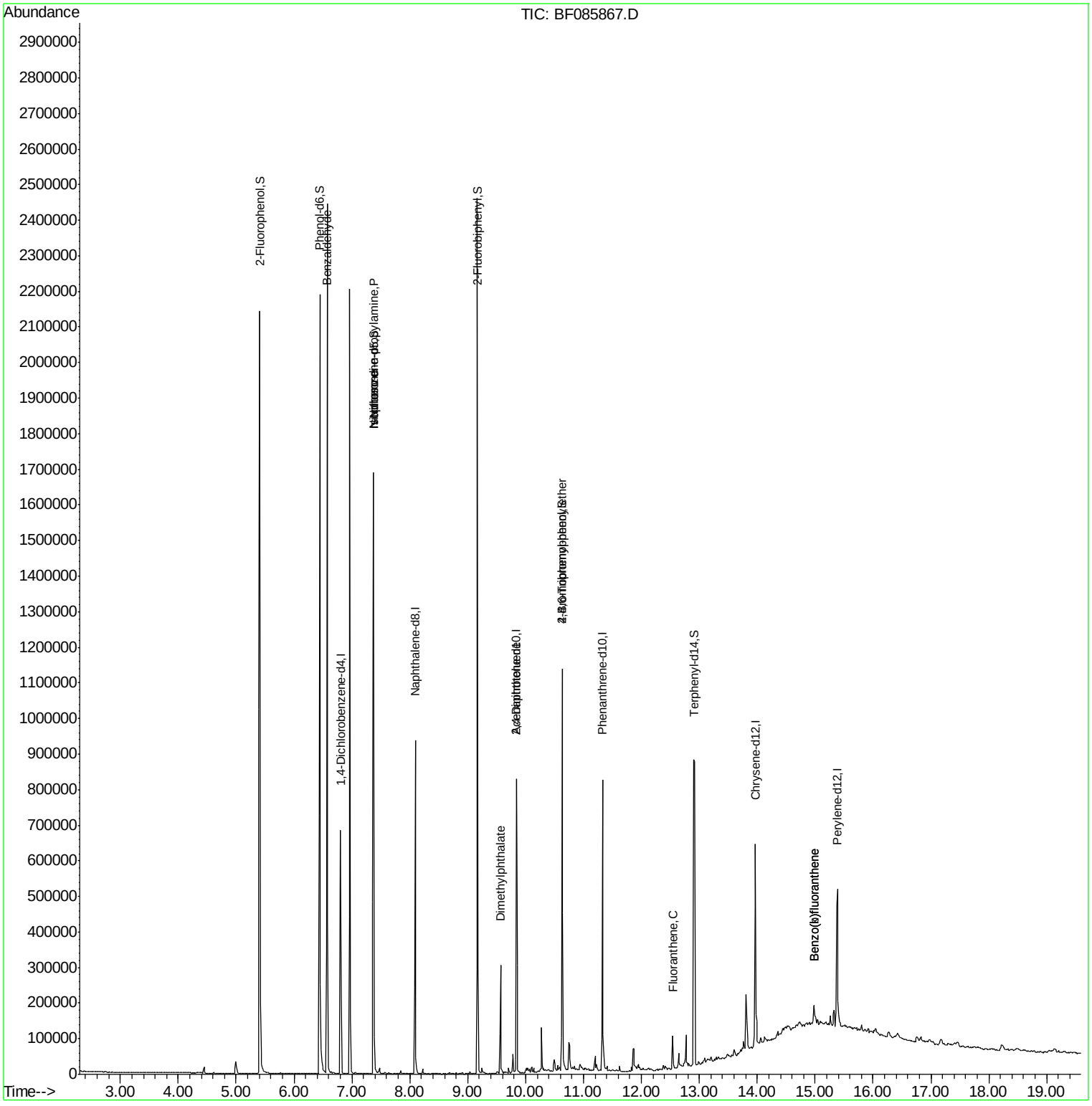
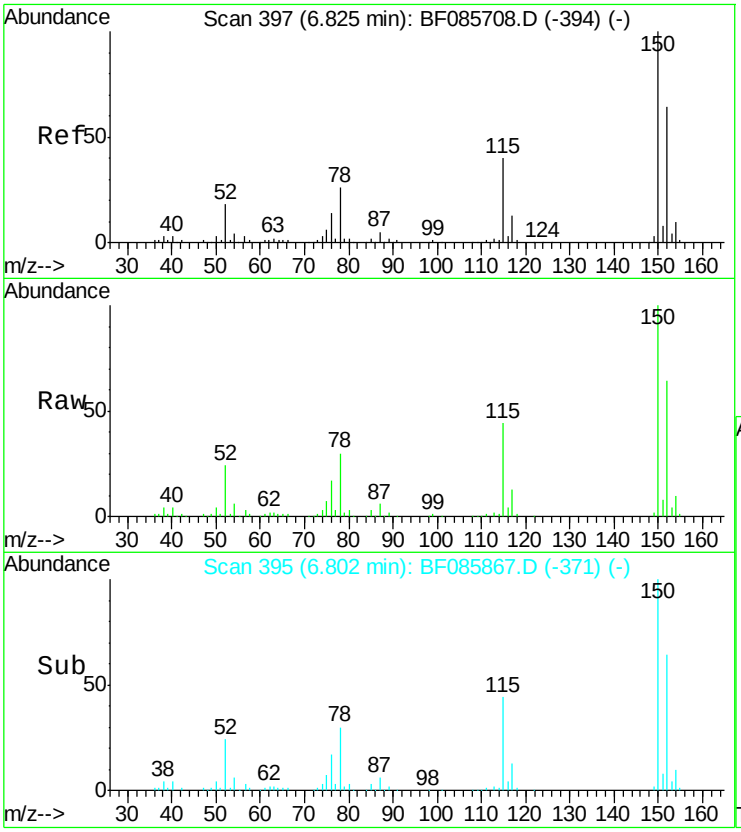
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration



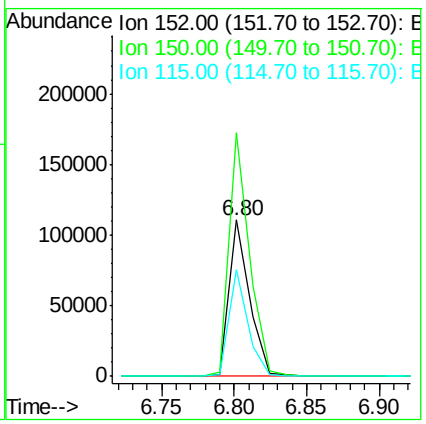


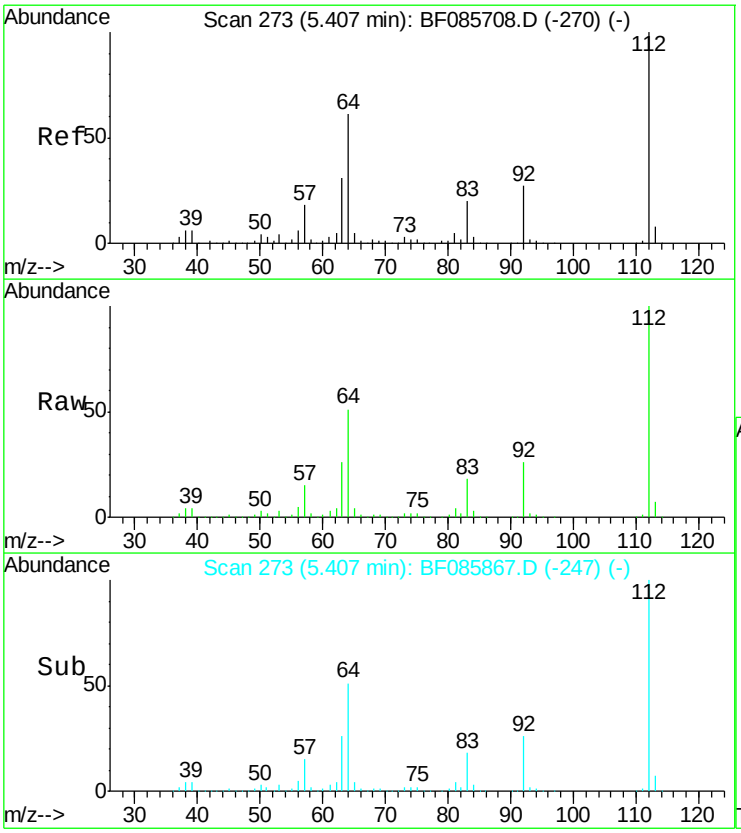
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF085867.D
Acq: 29 Mar 2016 23:50

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion:152 Resp: 107994

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.2	186.2
115	68.3	47.0	70.6

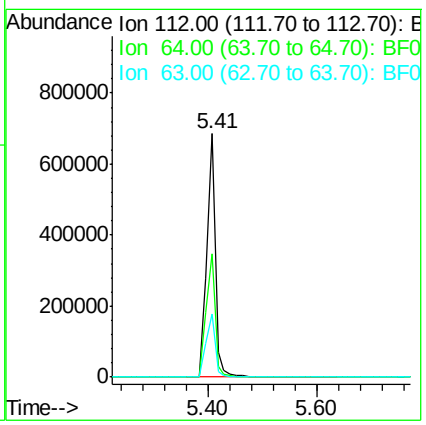


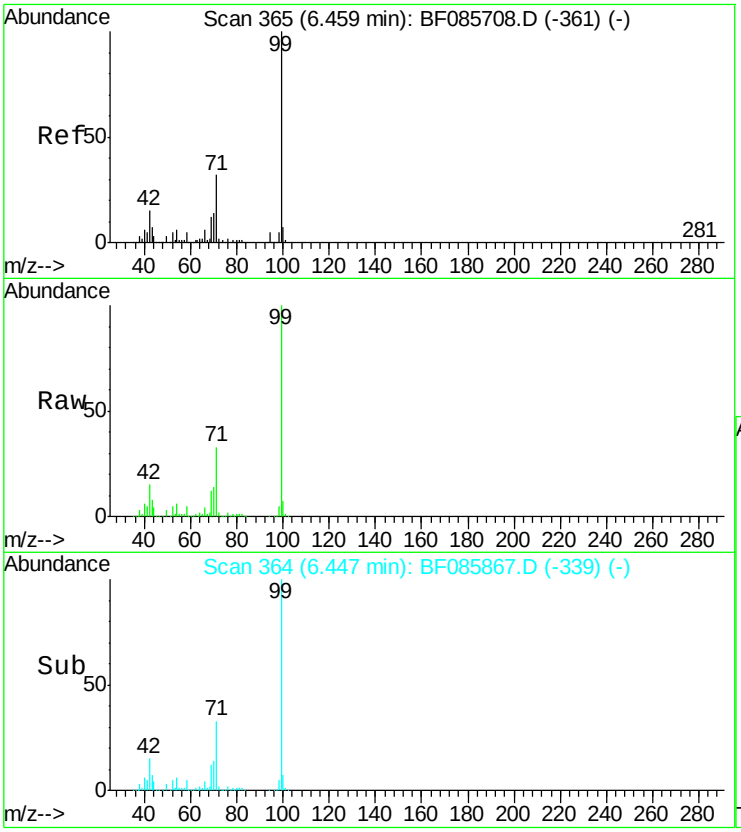


#5
2-Fluorophenol
Concen: 114.94 ng
RT: 5.41 min Scan# 273
Delta R.T. 0.00 min
Lab File: BF085867.D
Acq: 29 Mar 2016 23:50

Tgt Ion:112 Resp: 745308

Ion	Ratio	Lower	Upper
112	100		
64	50.8	39.9	59.9
63	25.8	20.2	30.2



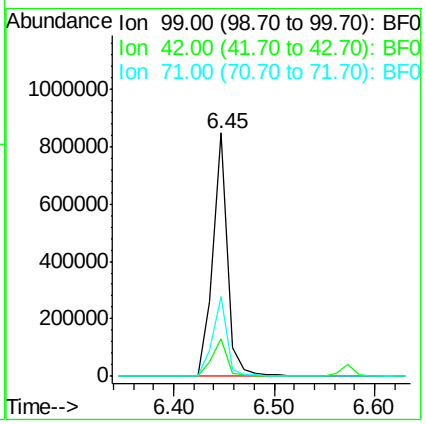


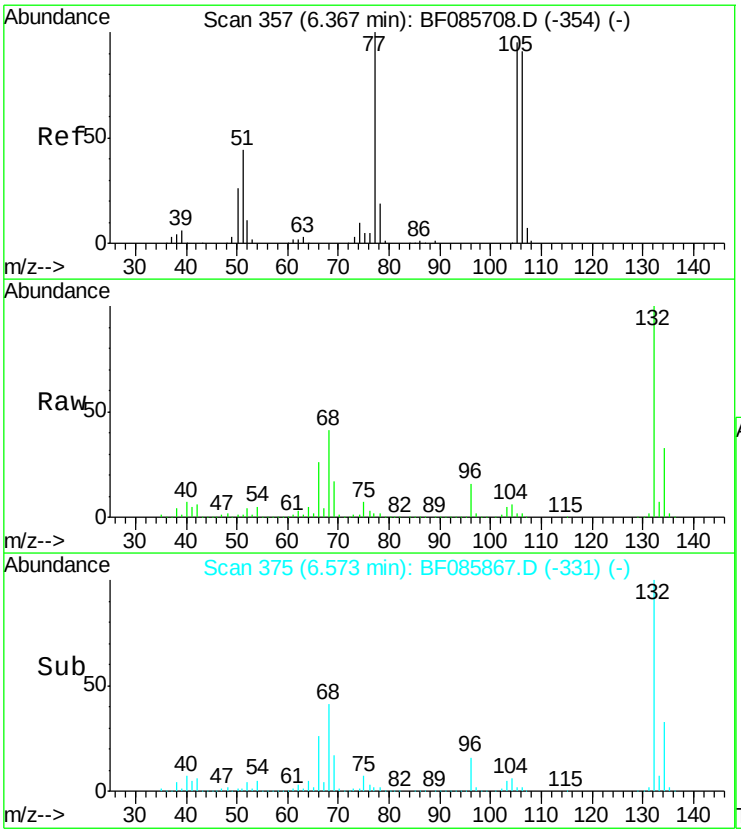
#7
Phenol-d6
Concen: 105.20 ng
RT: 6.45 min Scan# 364
Delta R.T. -0.01 min
Lab File: BF085867.D
Acq: 29 Mar 2016 23:50

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion: 99 Resp: 867312

Ion	Ratio	Lower	Upper
99	100		
42	15.2	11.1	16.7
71	32.6	24.9	37.3

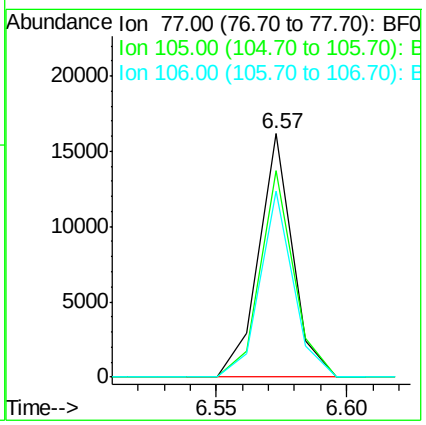


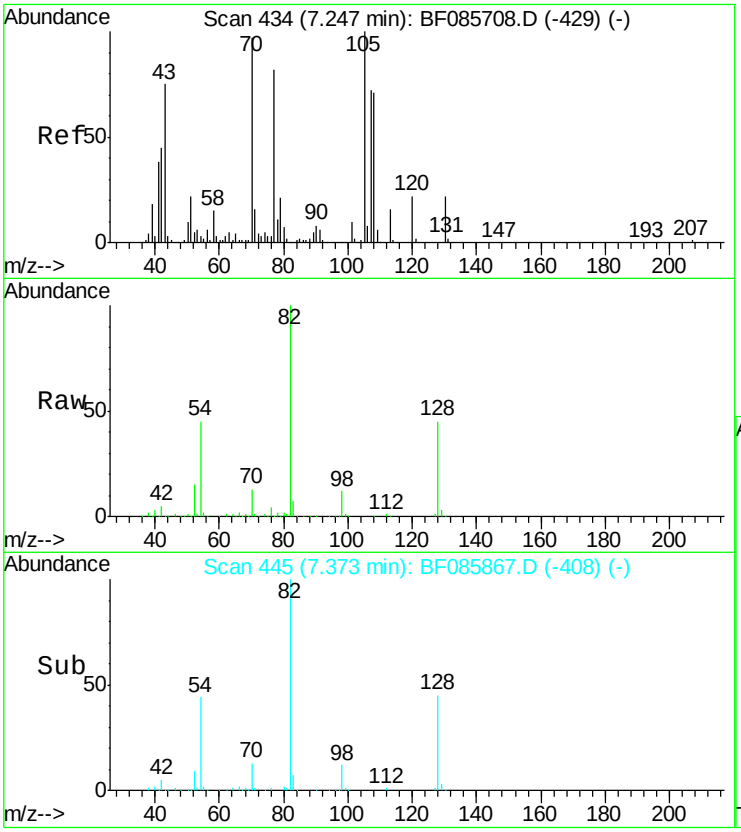


#9
Benzaldehyde
Concen: 2.97 ng
RT: 6.57 min Scan# 375
Delta R.T. 0.21 min
Lab File: BF085867.D
Acq: 29 Mar 2016 23:50

Tgt Ion: 77 Resp: 14769

Ion	Ratio	Lower	Upper
77	100		
105	85.0	80.1	120.1
106	76.6	75.0	115.0



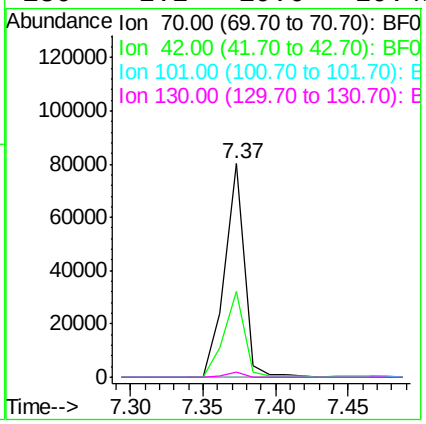


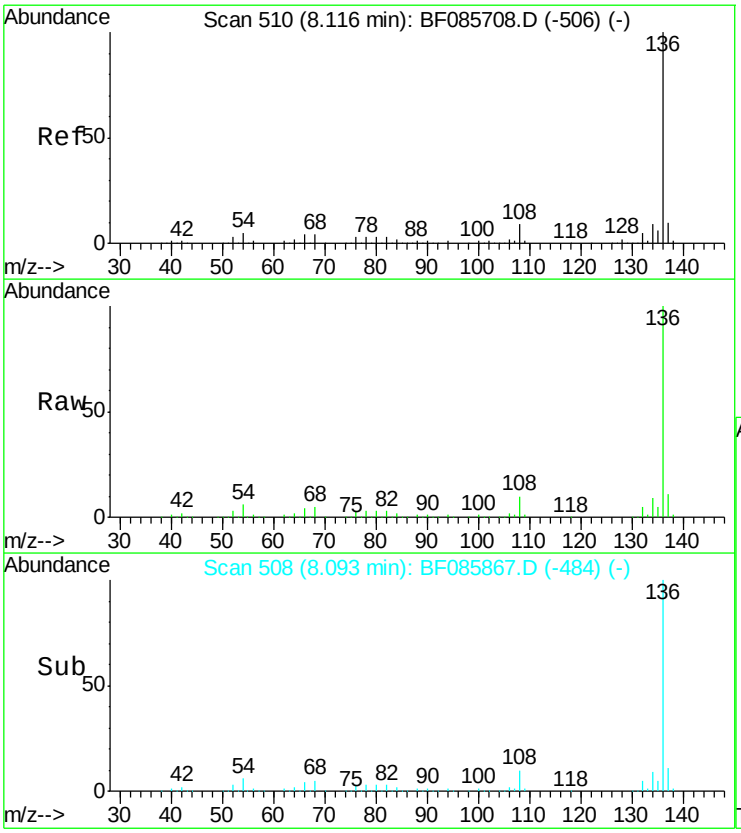
#19
n-Nitroso-di-n-propylamine
Concen: 15.37 ng
RT: 7.37 min Scan# 445
Delta R.T. 0.13 min
Lab File: BF085867.D
Acq: 29 Mar 2016 23:50

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion: 70 Resp: 75866

Ion	Ratio	Lower	Upper
70	100		
42	40.3	37.1	55.7
101	0.0	8.6	12.8#
130	2.2	19.6	29.4#

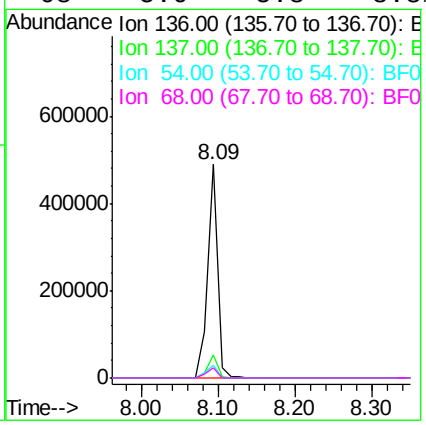


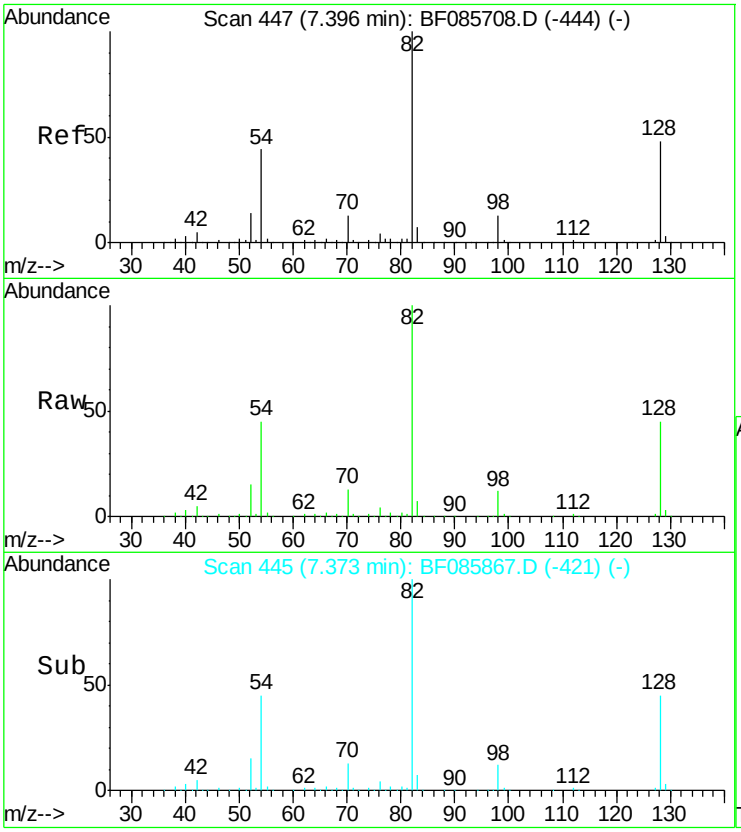


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF085867.D
Acq: 29 Mar 2016 23:50

Tgt Ion:136 Resp: 432703

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.8	7.4	11.0#
68	5.0	5.8	8.8#



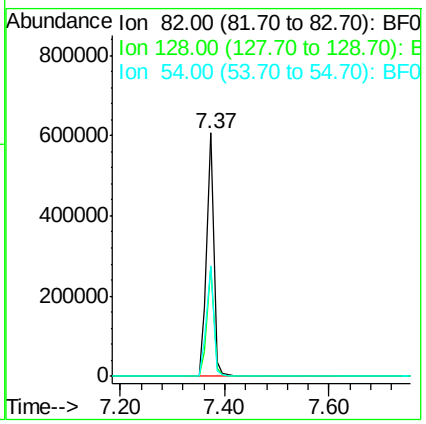


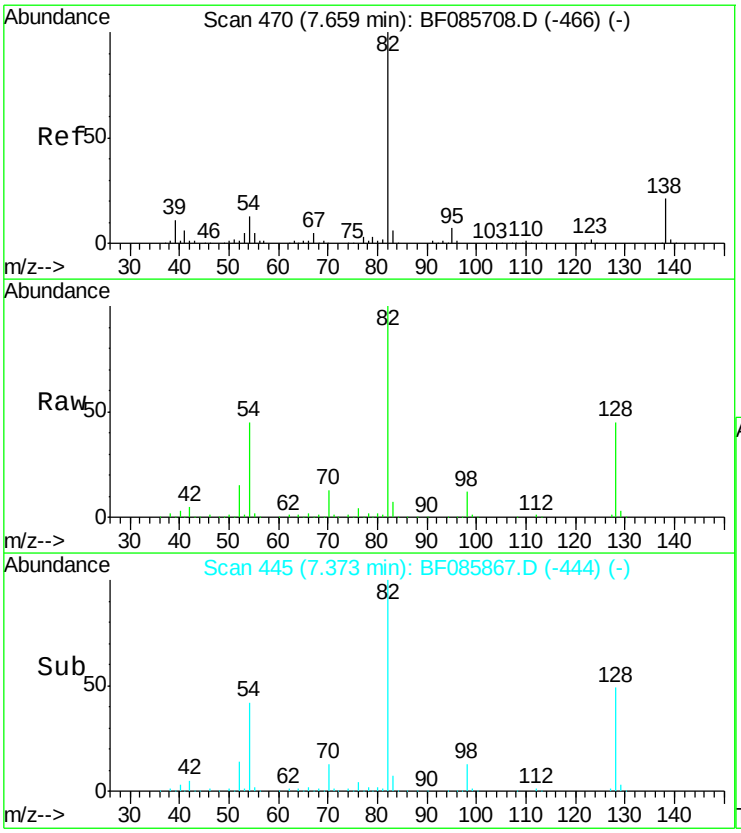
#23
Nitrobenzene-d5
Concen: 74.83 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF085867.D
Acq: 29 Mar 2016 23:50

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion: 82 Resp: 575008

Ion	Ratio	Lower	Upper
82	100		
128	44.9	41.8	62.8
54	45.4	33.4	50.0

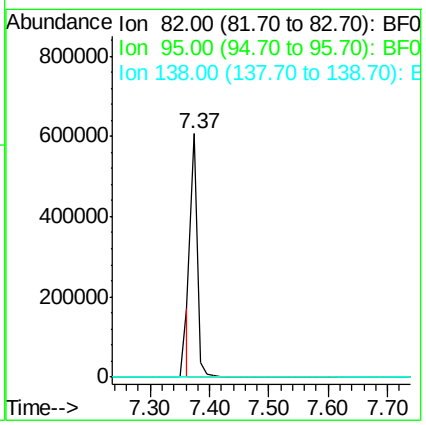


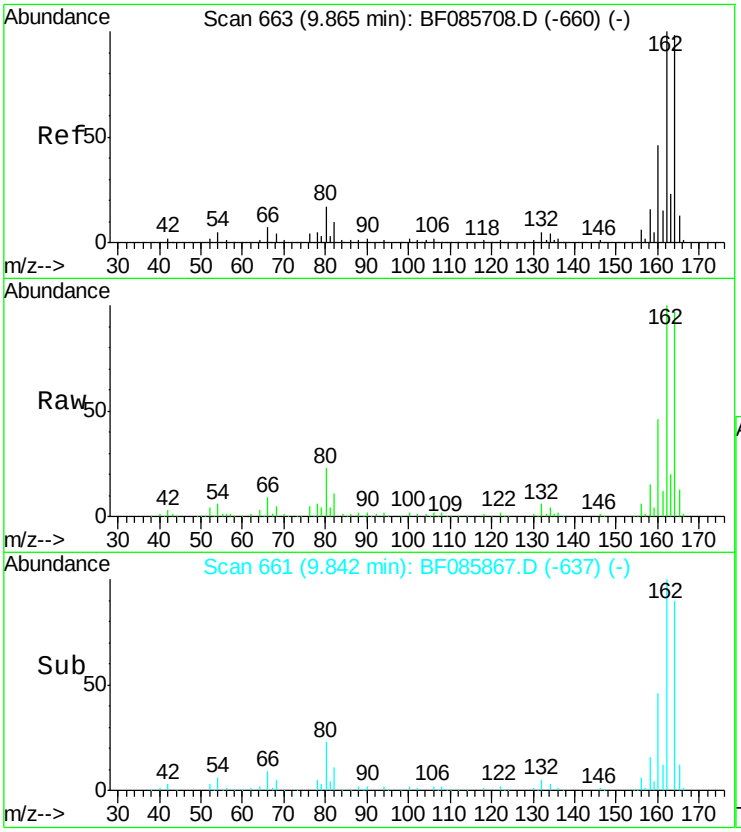


#25
Isophorone
Concen: 30.87 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.29 min
Lab File: BF085867.D
Acq: 29 Mar 2016 23:50

Tgt Ion: 82 Resp: 456958

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#



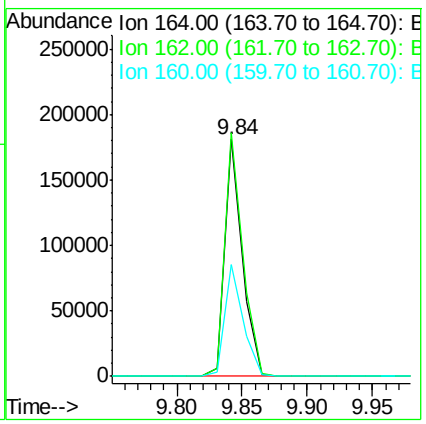


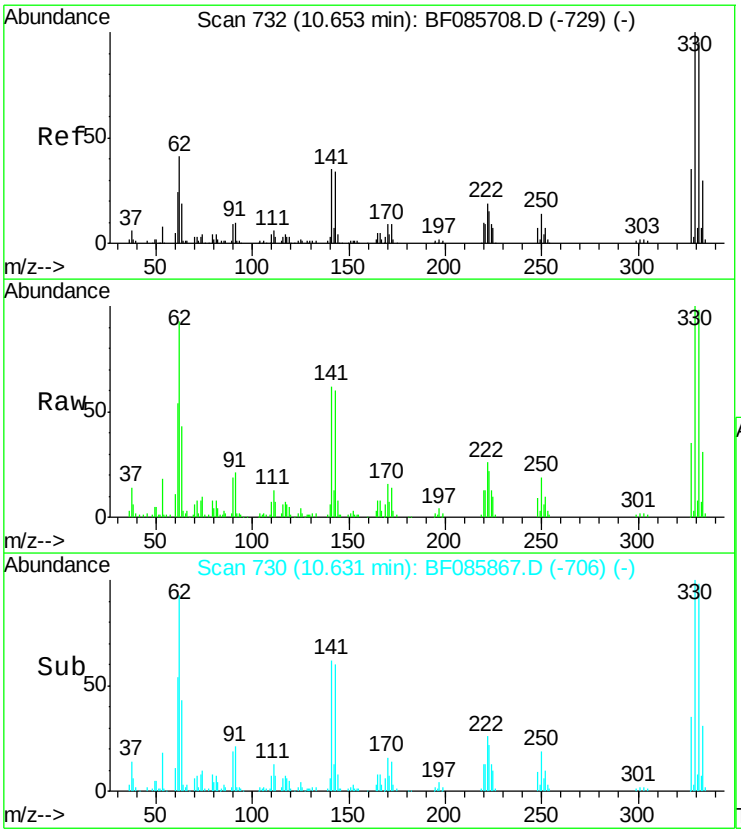
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF085867.D
Acq: 29 Mar 2016 23:50

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion:164 Resp: 169705

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.1	123.1
160	47.4	37.4	56.2

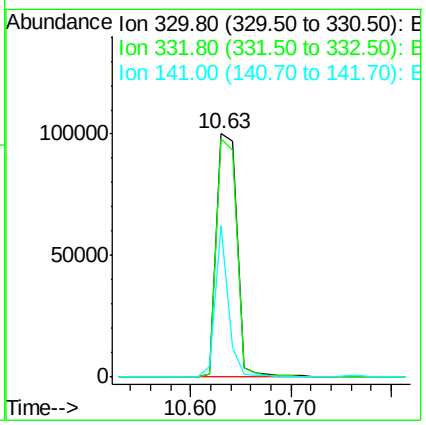


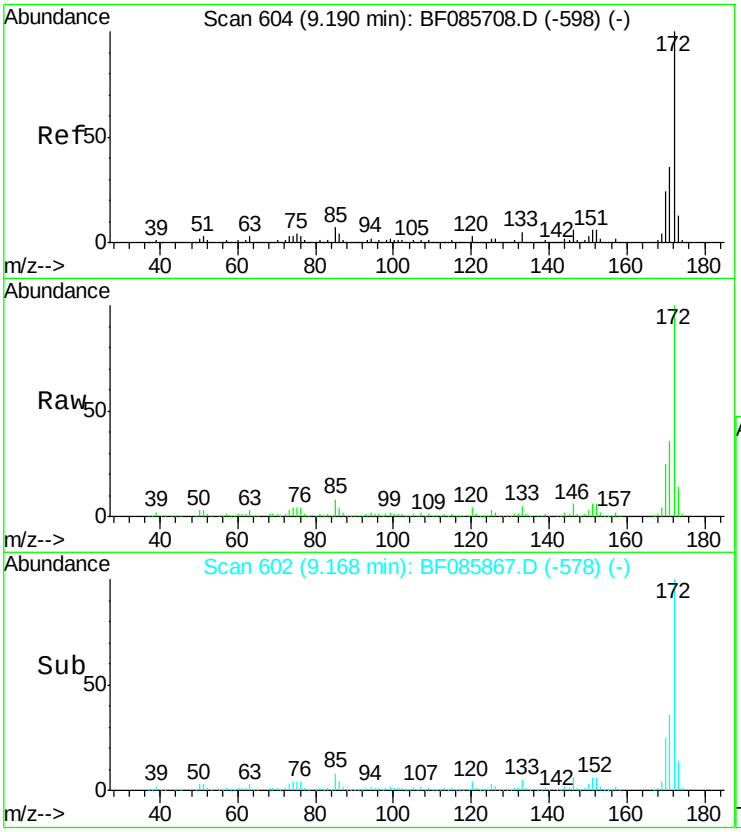


#41
2,4,6-Tribromophenol
Concen: 88.07 ng
RT: 10.63 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF085867.D
Acq: 29 Mar 2016 23:50

Tgt Ion:330 Resp: 141997

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.2	117.2
141	39.8	31.5	47.3



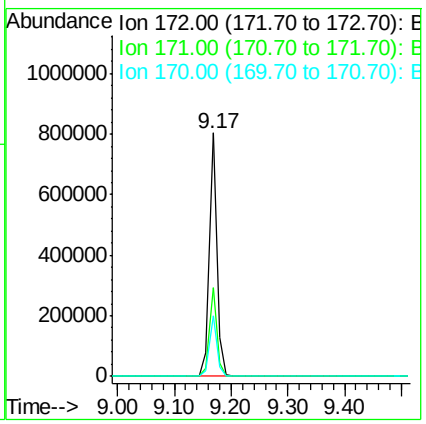


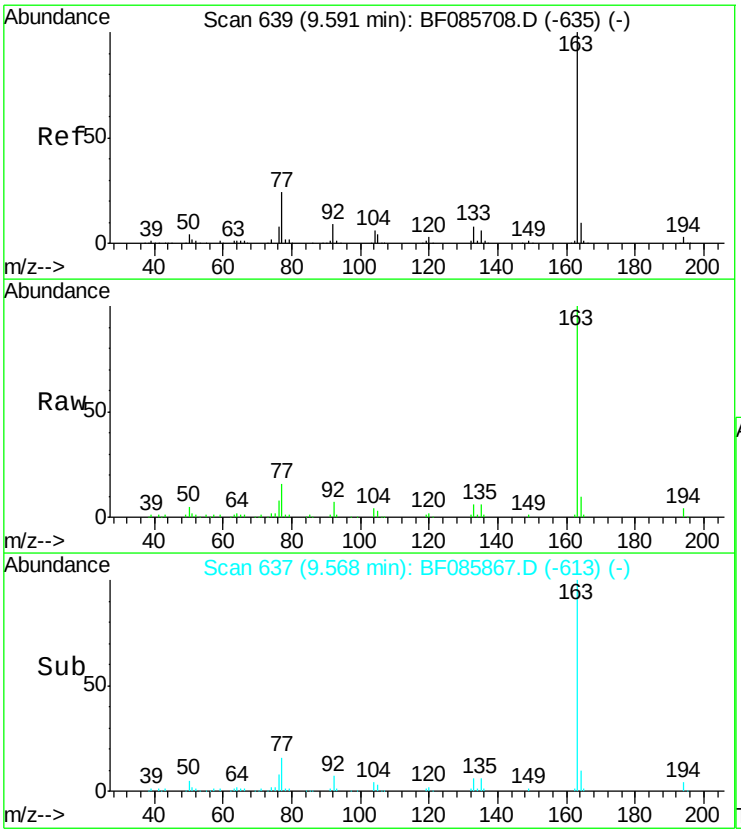
#44
2-Fluorobiphenyl
Concen: 69.63 ng
RT: 9.17 min Scan# 602
Delta R.T. -0.02 min
Lab File: BF085867.D
Acq: 29 Mar 2016 23:50

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion:172 Resp: 707228

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	24.9	19.8	29.6

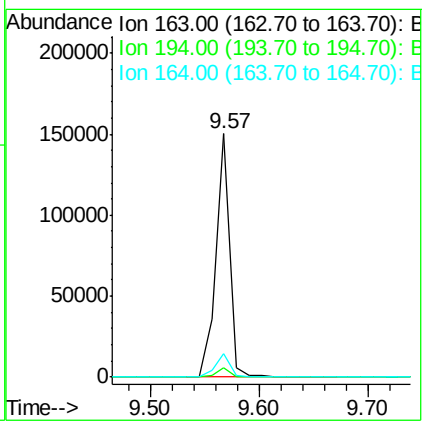


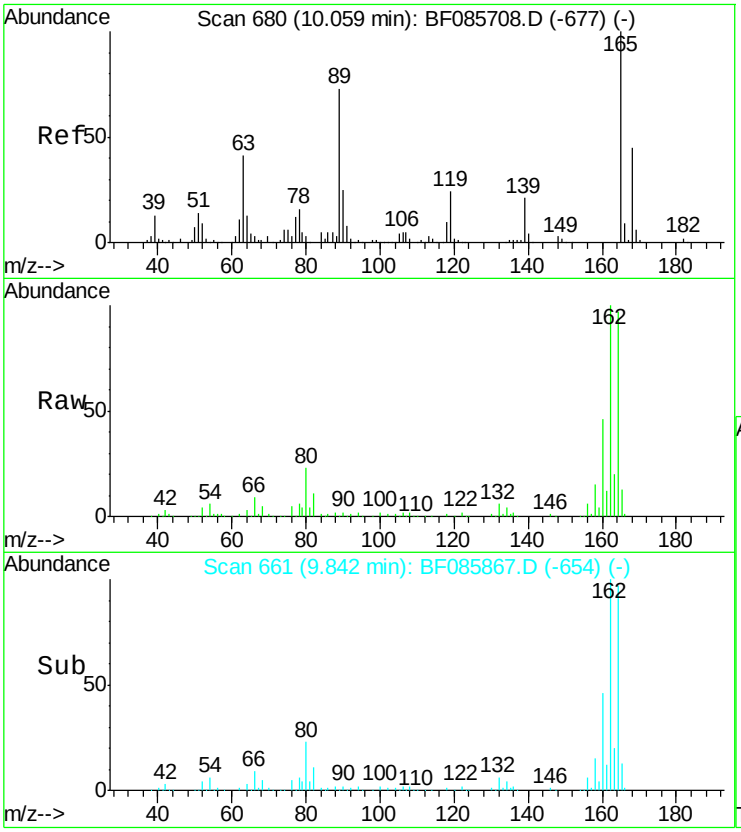


#49
Dimethylphthalate
Concen: 10.38 ng
RT: 9.57 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF085867.D
Acq: 29 Mar 2016 23:50

Tgt Ion:163 Resp: 133665

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	9.7	8.3	12.5



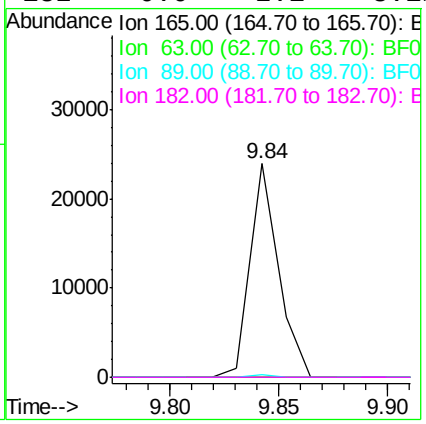


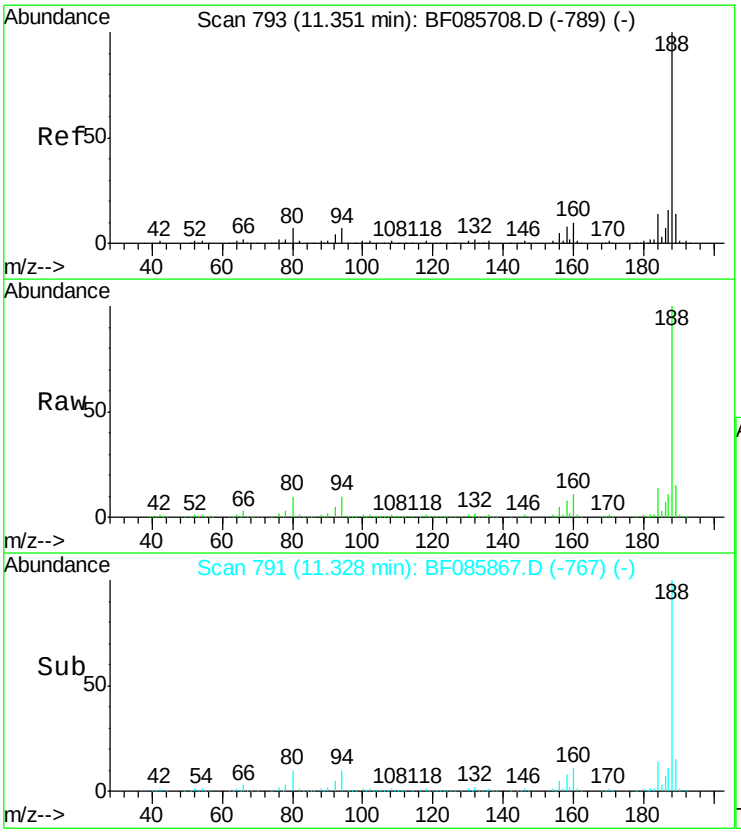
#56
2,4-Dinitrotoluene
Concen: 6.17 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.22 min
Lab File: BF085867.D
Acq: 29 Mar 2016 23:50

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion:165 Resp: 21731

Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.9	37.3#
89	1.5	41.0	61.6#
182	0.0	2.1	3.1#

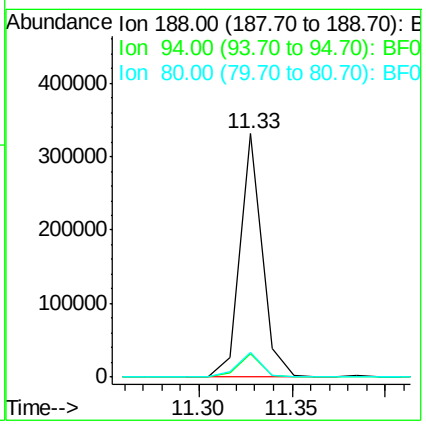


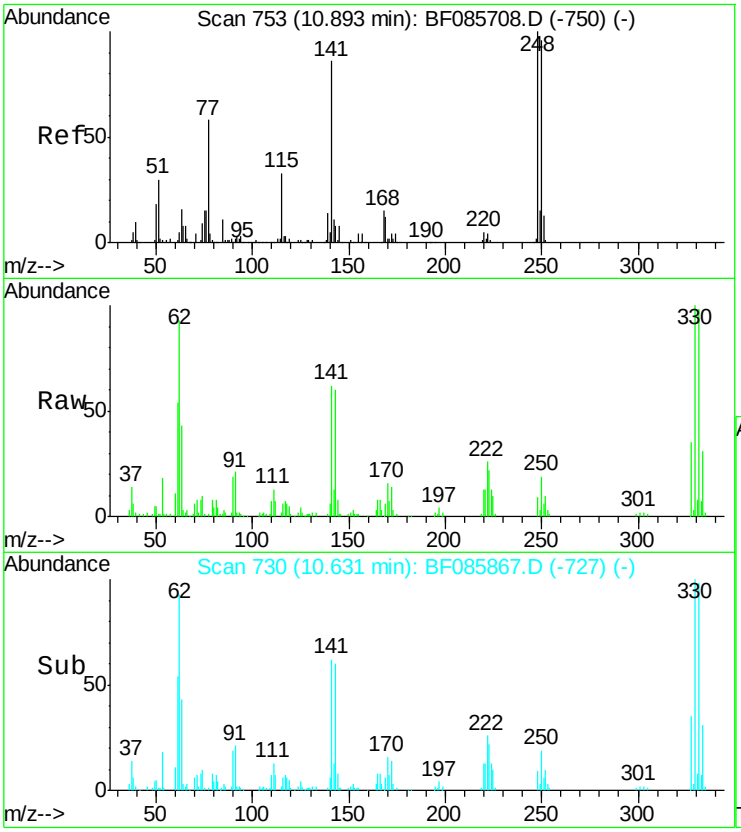


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF085867.D
Acq: 29 Mar 2016 23:50

Tgt Ion:188 Resp: 275140

Ion	Ratio	Lower	Upper
188	100		
94	9.7	5.4	8.0#
80	10.2	5.5	8.3#



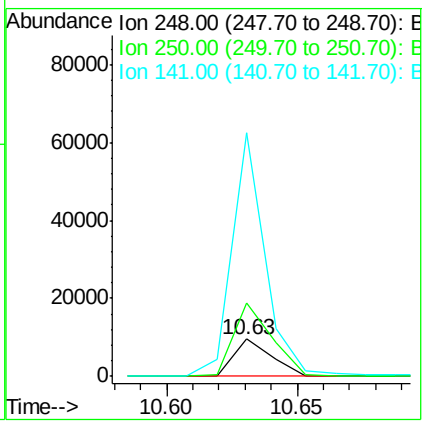


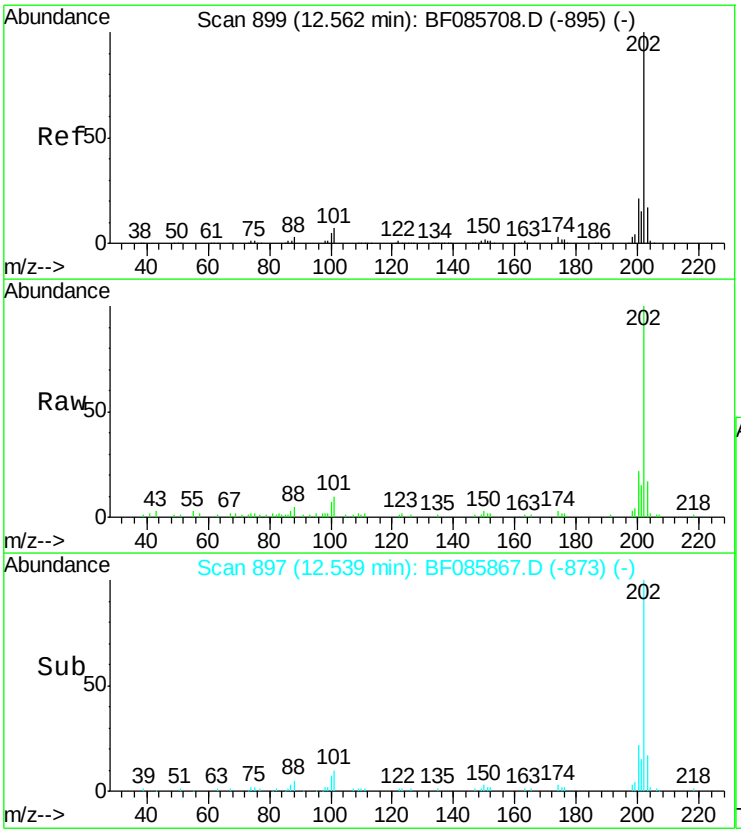
#66
4-Bromophenyl-phenylether
Concen: 3.34 ng
RT: 10.63 min Scan# 730
Delta R.T. -0.26 min
Lab File: BF085867.D
Acq: 29 Mar 2016 23:50

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion:248 Resp: 9408

Ion	Ratio	Lower	Upper
248	100		
250	199.5	77.4	116.0#
141	659.6	63.6	95.4#

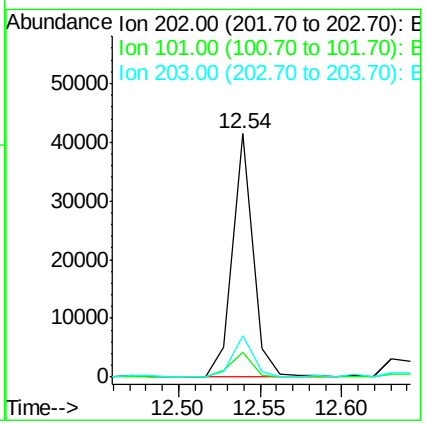


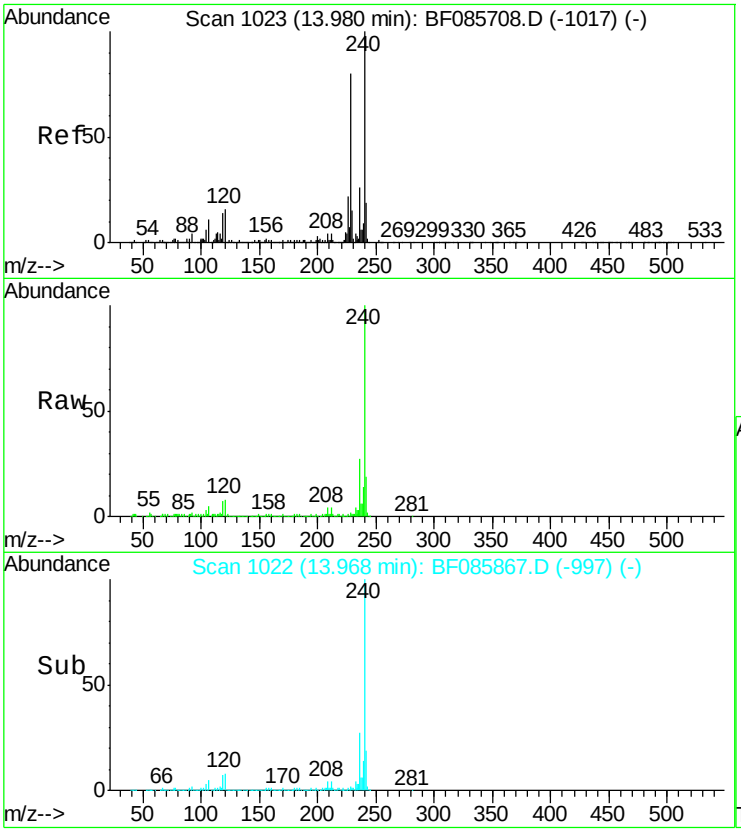


#74
Fluoranthene
Concen: 2.40 ng
RT: 12.54 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF085867.D
Acq: 29 Mar 2016 23:50

Tgt Ion:202 Resp: 36094

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	36.6
203	17.1	0.0	38.1



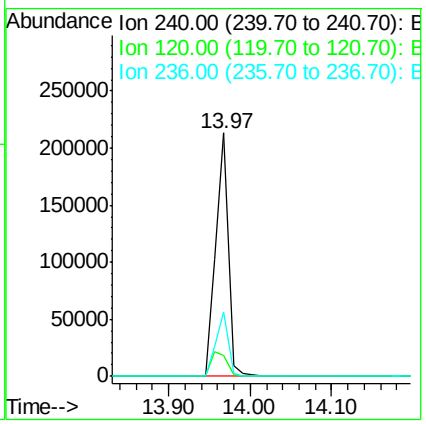


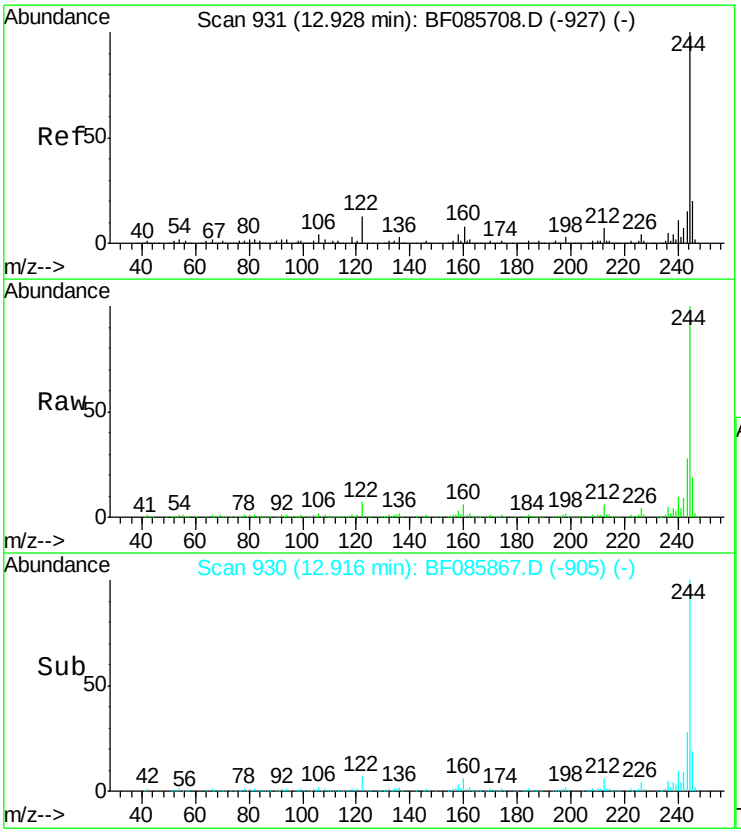
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF085867.D
Acq: 29 Mar 2016 23:50

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion:240 Resp: 227648

Ion	Ratio	Lower	Upper
240	100		
120	8.4	13.8	20.8#
236	26.6	20.6	30.8

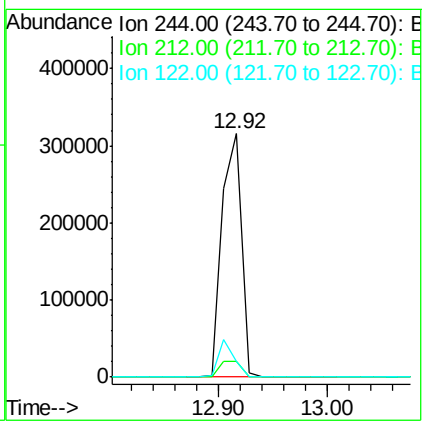


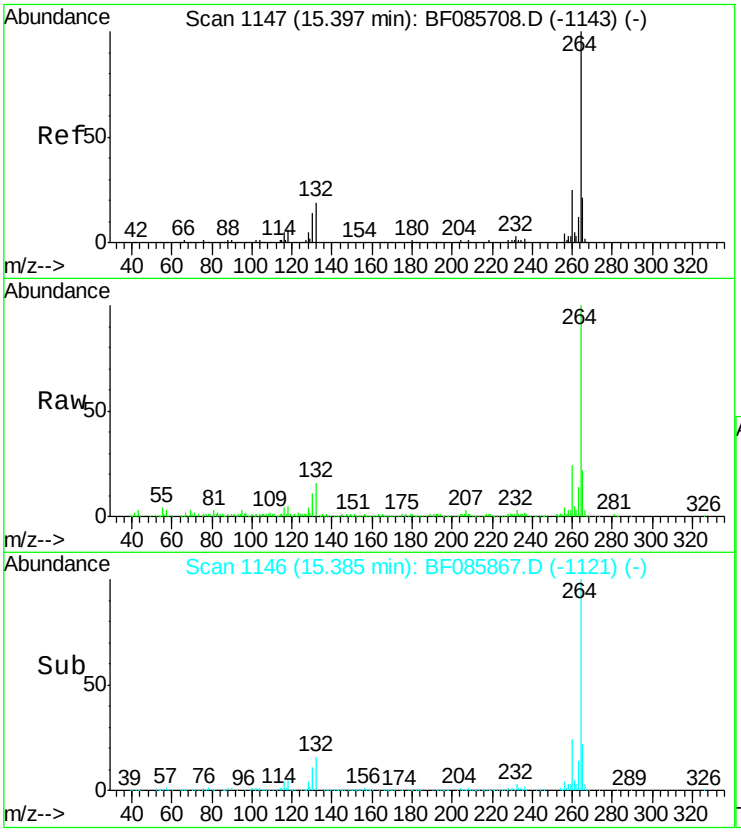


#78
Terphenyl-d14
Concen: 35.42 ng
RT: 12.92 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF085867.D
Acq: 29 Mar 2016 23:50

Tgt Ion:244 Resp: 392049

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.1	9.1
122	6.7	10.2	15.4#



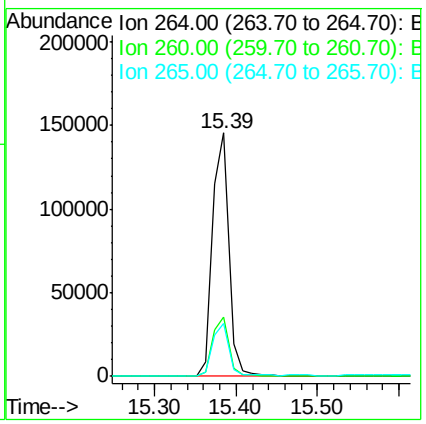


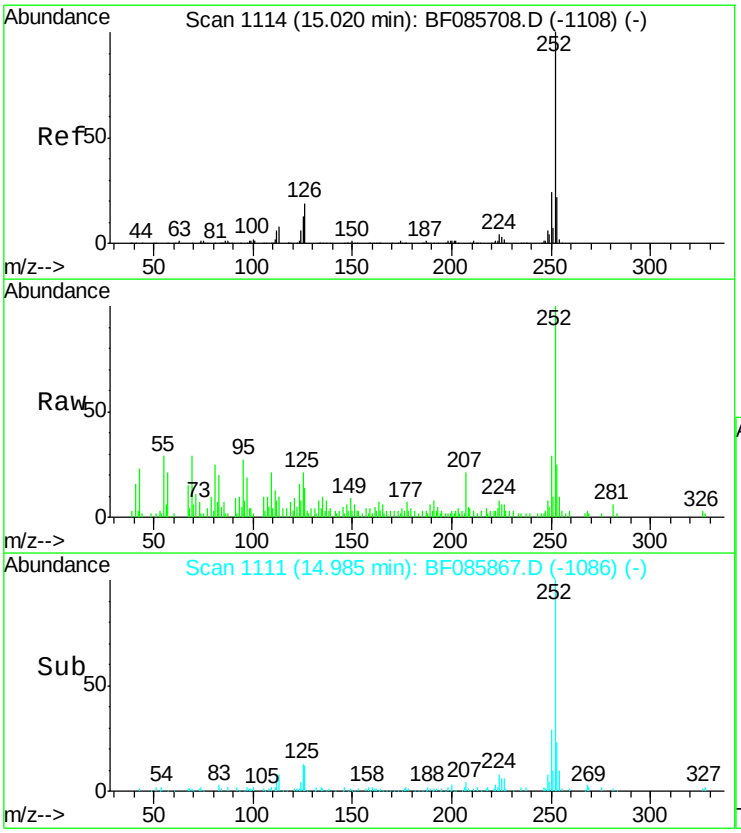
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF085867.D
Acq: 29 Mar 2016 23:50

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion:264 Resp: 204168

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.6	17.2	25.8

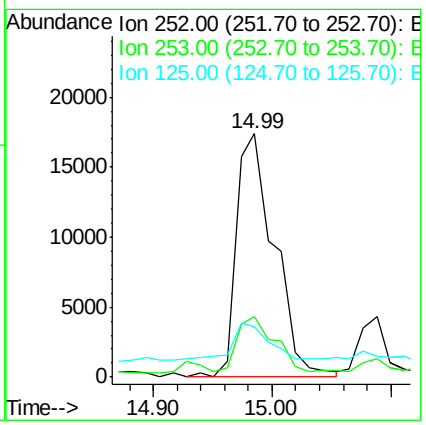


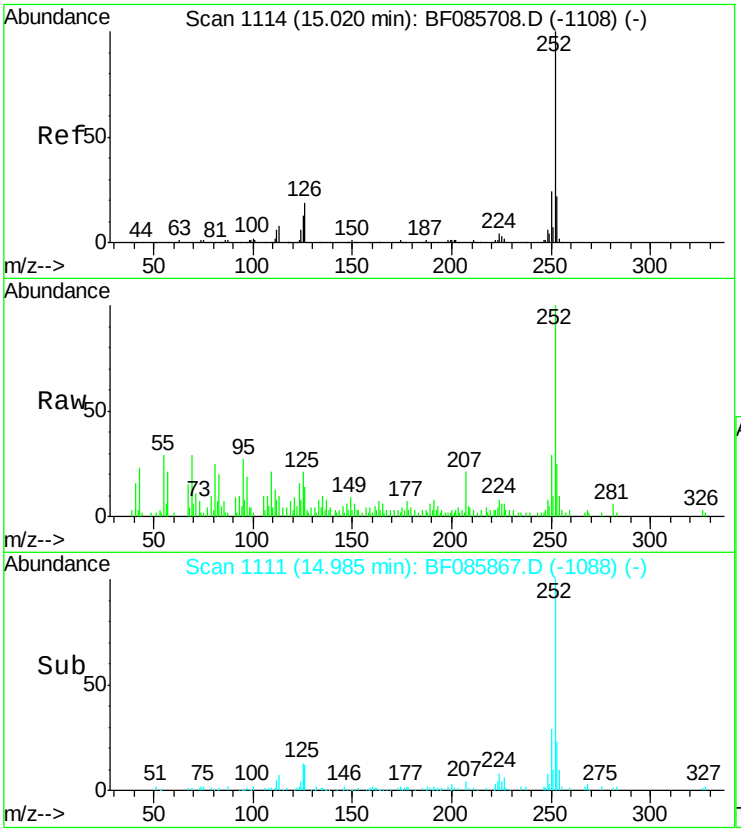


#87
Benzo(b)fluoranthene
Concen: 3.02 ng
RT: 14.99 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF085867.D
Acq: 29 Mar 2016 23:50

Tgt Ion:252 Resp: 38869

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.6	26.4
125	20.6	10.3	15.5#





#88
Benzo(k)fluoranthene
Concen: 3.35 ng
RT: 14.99 min Scan# 1111
Delta R.T. -0.03 min
Lab File: BF085867.D
Acq: 29 Mar 2016 23:50

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion:252 Resp: 38869

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.8	26.6
125	20.6	7.7	11.5#