Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
Data File : BF091504.D
Acq On : 8 Dec 2016 16:02
Operator : UM/SJ
Sample : H5867-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N002-WD-A5-03-01

Quant Time: Dec 09 00:07:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	161218	20.00	ng		-0.05
21) Naphthalene-d8	8.10	136	635505	20.00	ng		-0.06
38) Acenaphthene-d10	9.85	164	274407	20.00	ng		-0.06
63) Phenanthrene-d10	11.34	188	632914	20.00	ng		-0.06
75) Chrysene-d12	13.97	240	403531	20.00	ng		-0.07
86) Perylene-d12	15.37	264	28759	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1040576	105.44	ng		-0.04
7) Phenol-d6	6.46	99	1042165	85.79	ng		-0.04
23) Nitrobenzene-d5	7.38	82	839919	74.07	ng		-0.06
41) 2,4,6-Tribromophenol	10.64	330	441442	169.93	ng		-0.06
44) 2-Fluorobiphenyl	9.18	172	1575316	103.95	ng		-0.06
78) Terphenyl-d14	12.93	244	1797723	96.83	ng		-0.06
Target Compounds							Qvalue
9) Benzaldehyde	6.60	77	31145	3.99	ng		92
35) Caprolactam	8.38	113	6206	2.48	ng	#	1
50) 2,6-Dinitrotoluene	9.85	165	35320	9.51	ng	#	18
56) 2,4-Dinitrotoluene	9.85	165	35322	7.33	ng	#	35
66) 4-Bromophenyl-phenylether	10.64	248	26619	3.91	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
Data File : BF091504.D
Acq On : 8 Dec 2016 16:02
Operator : UM/SJ
Sample : H5867-06
Misc :
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Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-03-01

Quant Time: Dec 09 00:07:03 2016
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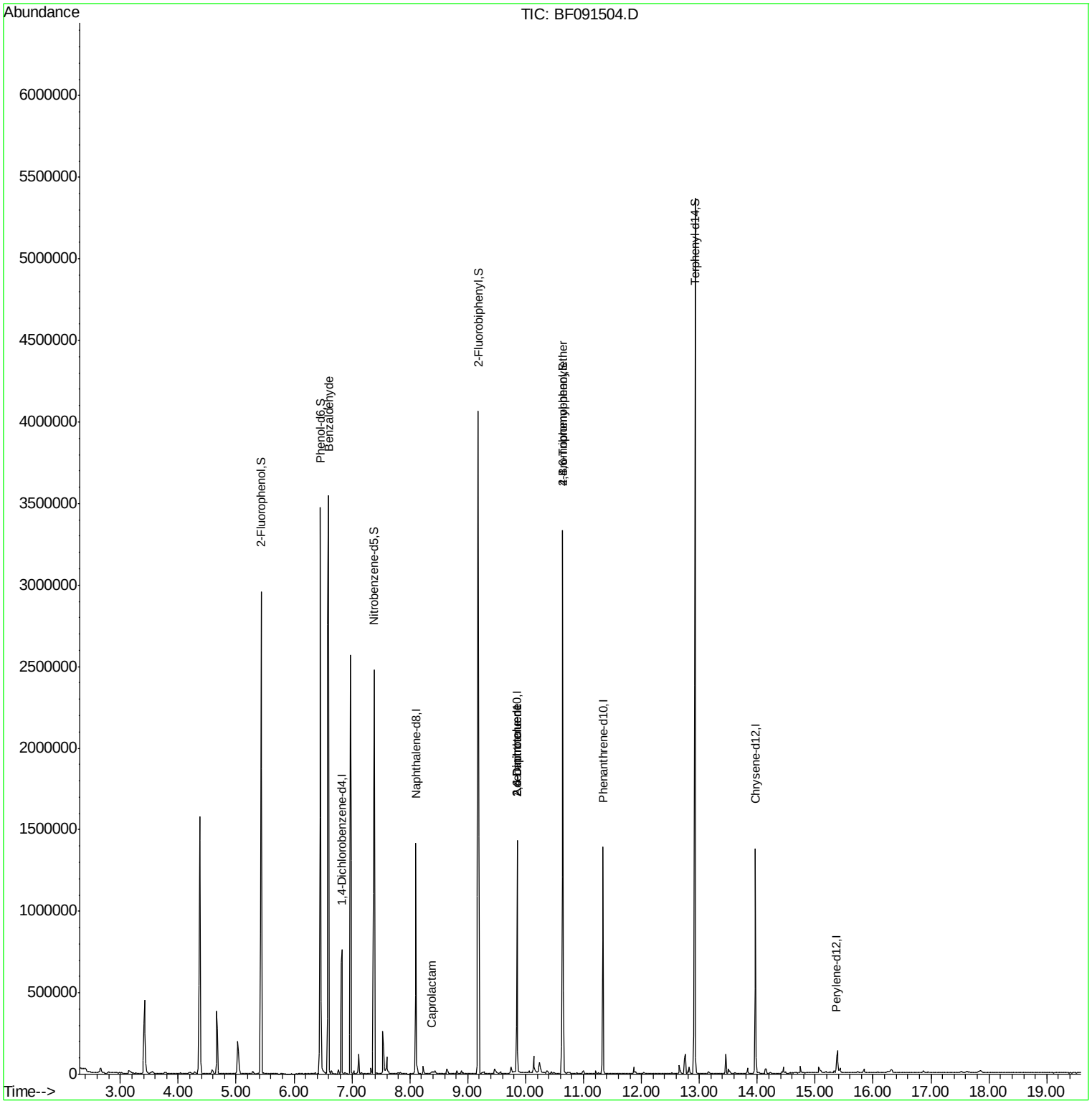
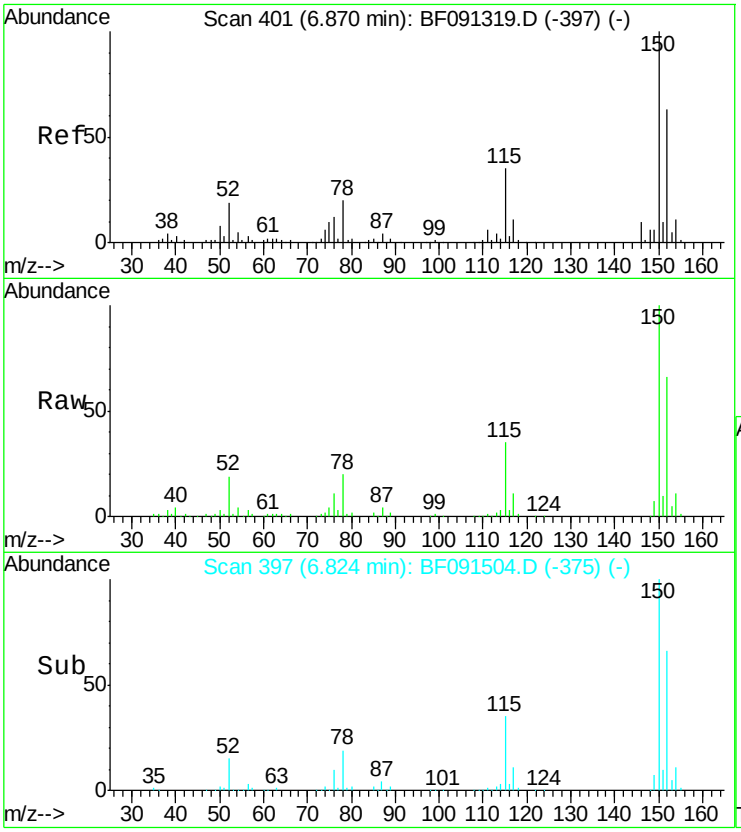
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration



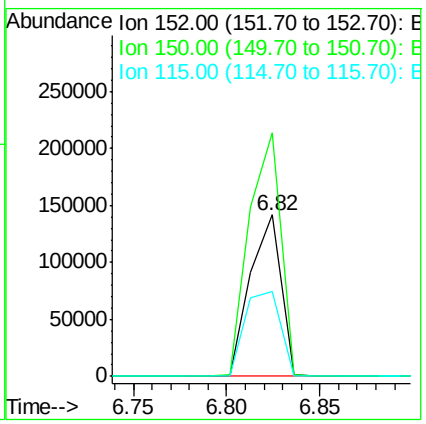


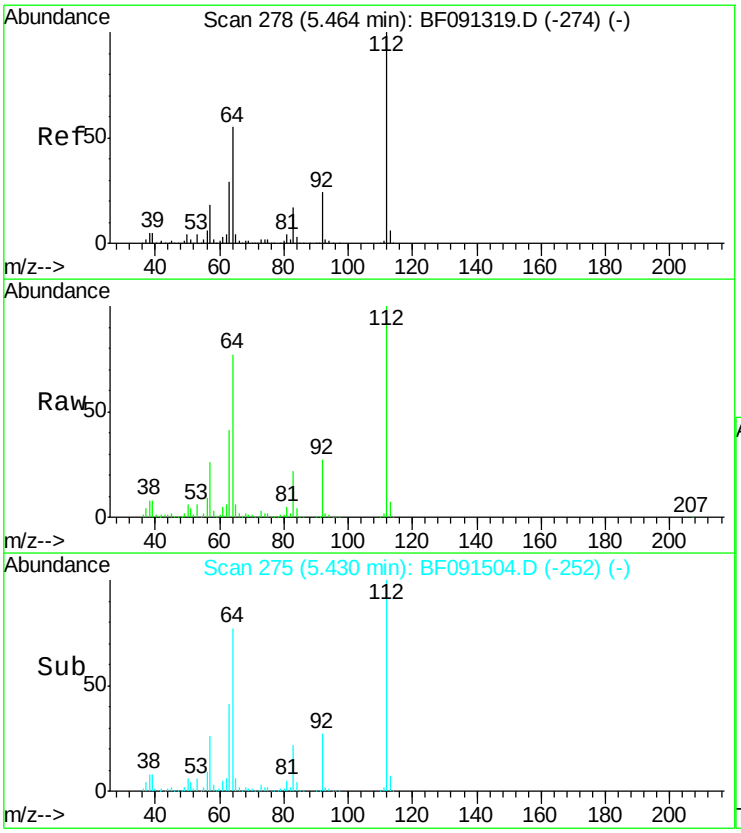
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.05 min
Lab File: BF091504.D
Acq: 8 Dec 2016 16:02

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-03-01

Tgt Ion:152 Resp: 161218

Ion	Ratio	Lower	Upper
152	100		
150	151.2	122.5	183.7
115	52.5	51.8	77.8

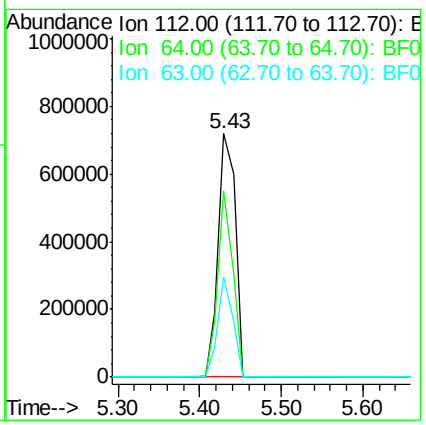


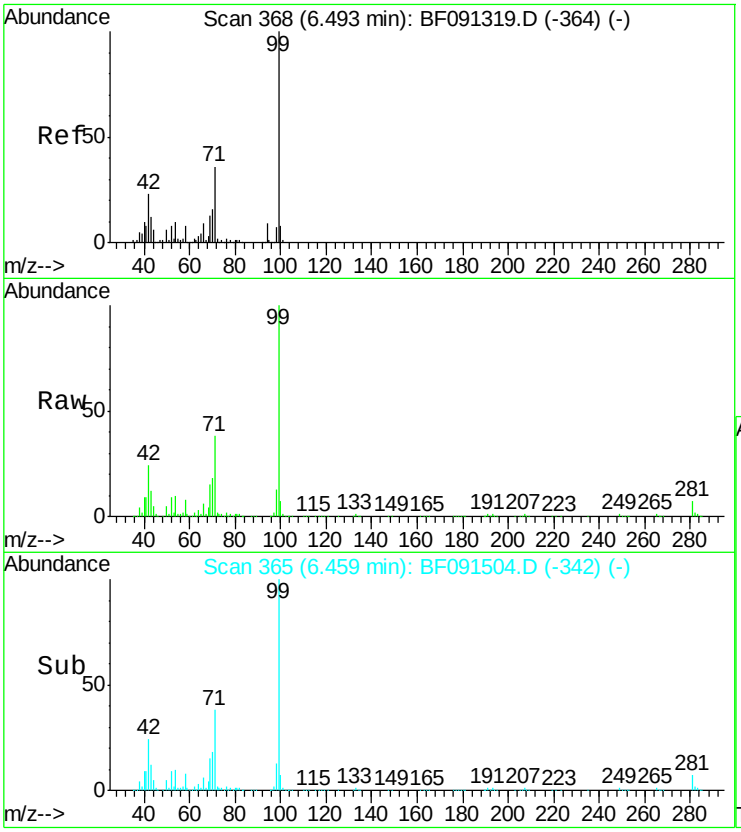


#5
2-Fluorophenol
Concen: 105.44 ng
RT: 5.43 min Scan# 275
Delta R.T. -0.04 min
Lab File: BF091504.D
Acq: 8 Dec 2016 16:02

Tgt Ion:112 Resp: 1040576

Ion	Ratio	Lower	Upper
112	100		
64	76.6	61.5	92.3
63	41.0	33.3	49.9



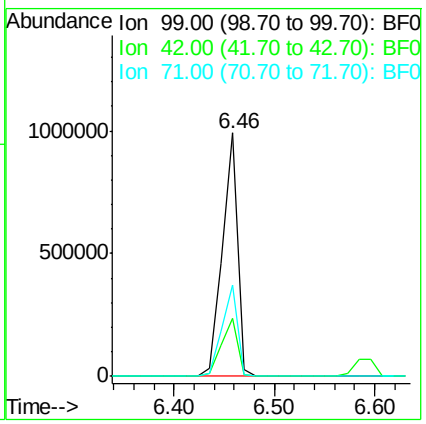


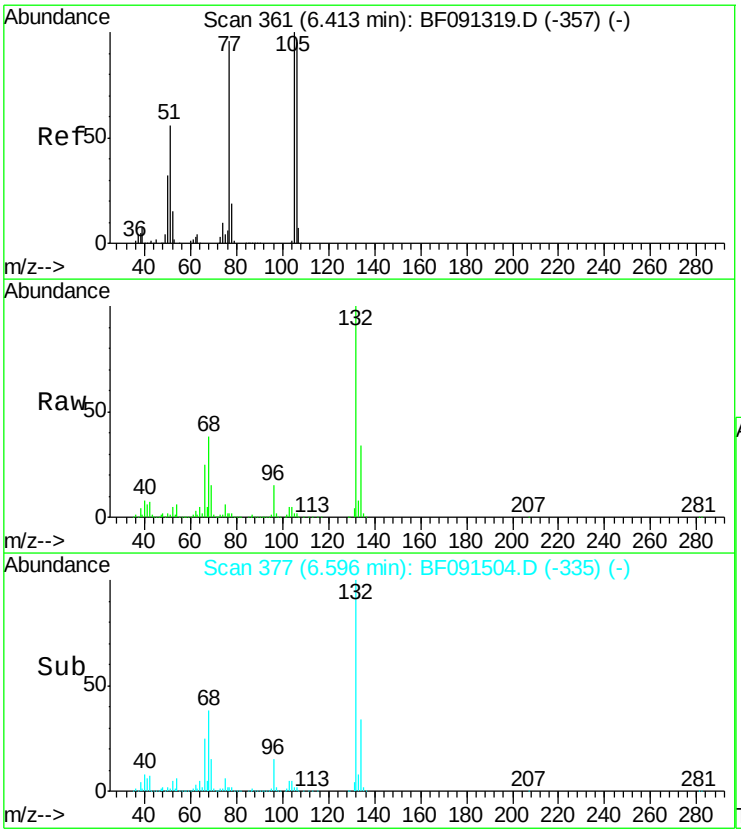
#7
Phenol-d6
Concen: 85.79 ng
RT: 6.46 min Scan# 365
Delta R.T. -0.04 min
Lab File: BF091504.D
Acq: 8 Dec 2016 16:02

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-03-01

Tgt Ion: 99 Resp: 1042165

Ion	Ratio	Lower	Upper
99	100		
42	23.8	20.6	31.0
71	37.6	29.9	44.9

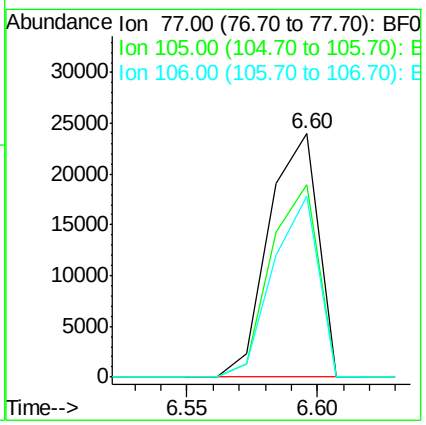


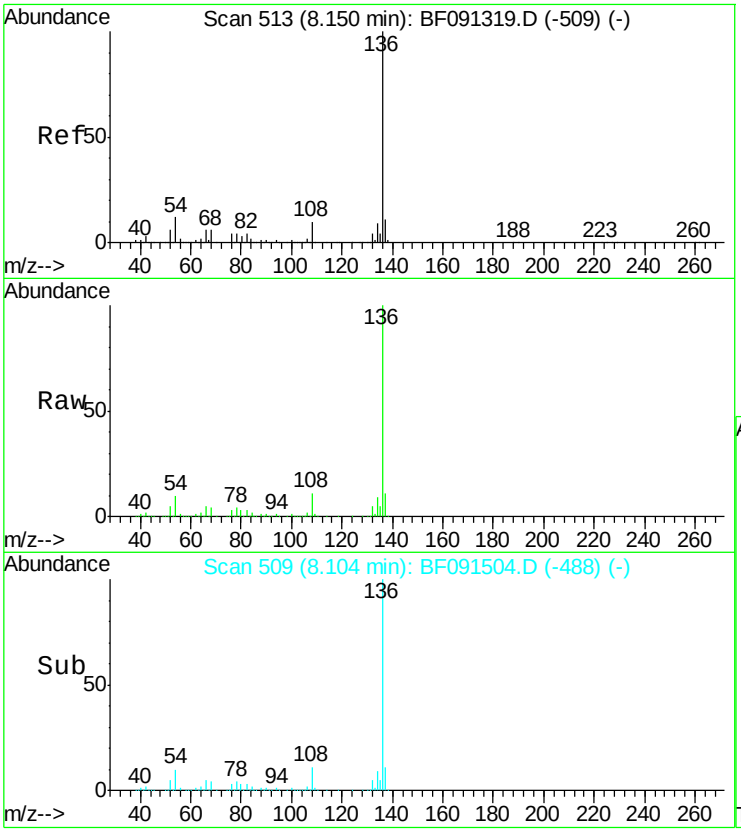


#9
Benzaldehyde
Concen: 3.99 ng
RT: 6.60 min Scan# 377
Delta R.T. 0.18 min
Lab File: BF091504.D
Acq: 8 Dec 2016 16:02

Tgt Ion: 77 Resp: 31145

Ion	Ratio	Lower	Upper
77	100		
105	79.2	66.4	106.4
106	74.3	60.9	100.9



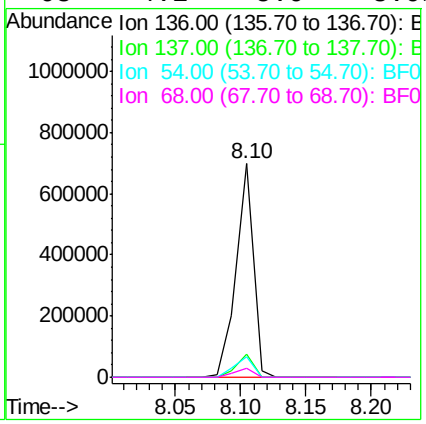


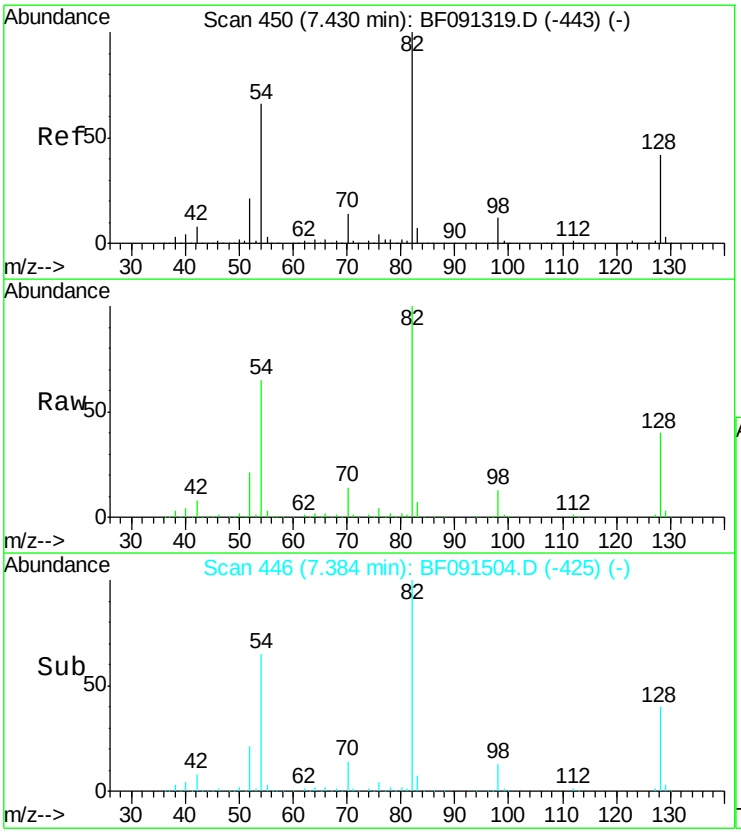
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.06 min
Lab File: BF091504.D
Acq: 8 Dec 2016 16:02

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-03-01

Tgt Ion:136 Resp: 635505

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.7	9.1	13.7
68	4.2	5.9	8.9#

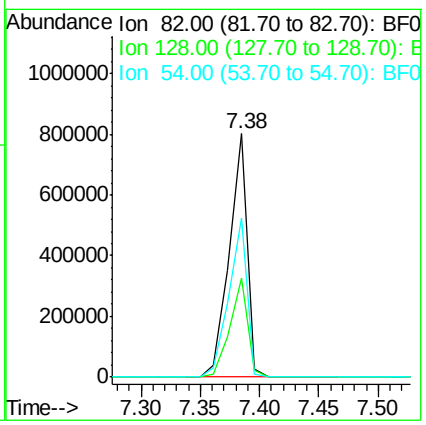


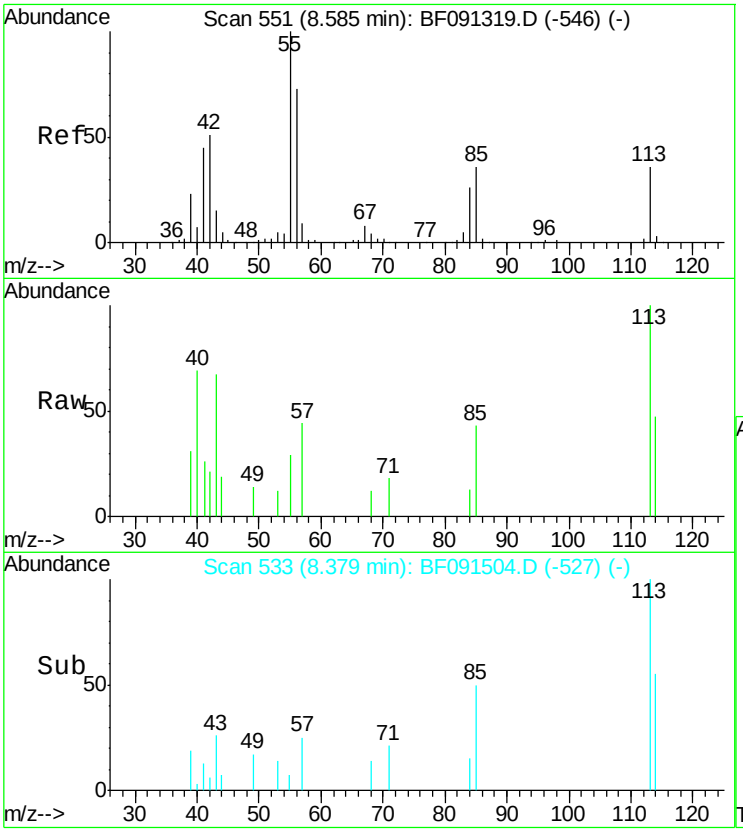


#23
Nitrobenzene-d5
Concen: 74.07 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.06 min
Lab File: BF091504.D
Acq: 8 Dec 2016 16:02

Tgt Ion: 82 Resp: 839919

Ion	Ratio	Lower	Upper
82	100		
128	40.5	31.8	47.6
54	65.5	49.1	73.7



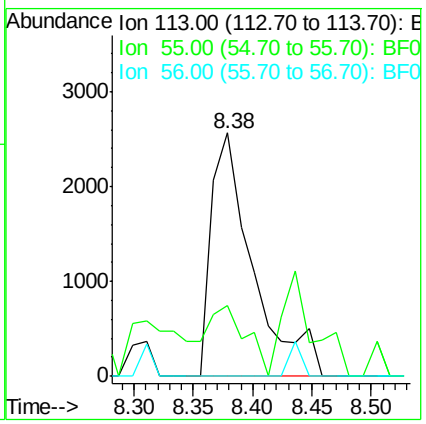


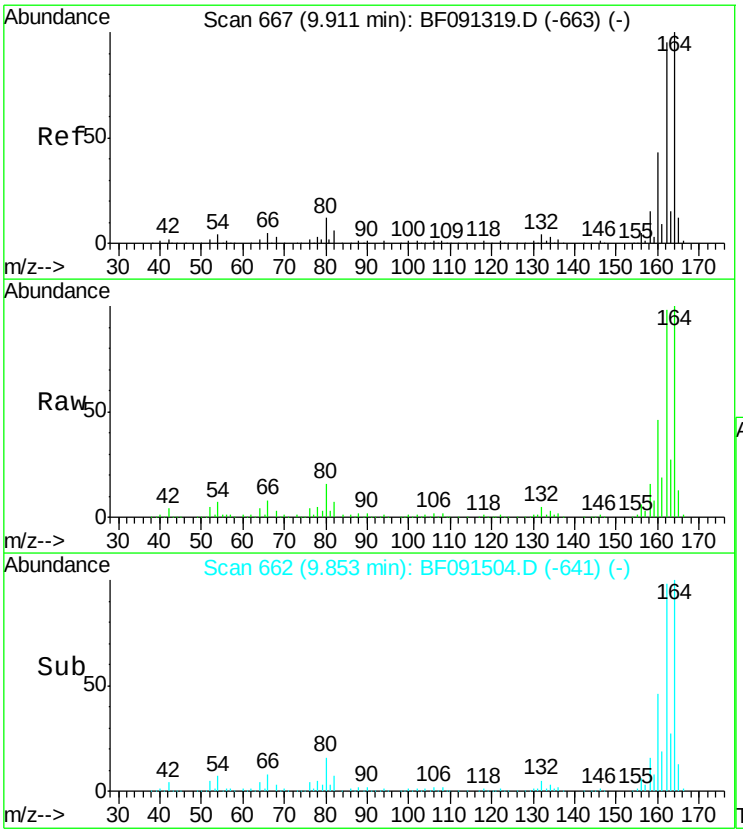
#35
Caprolactam
Concen: 2.48 ng
RT: 8.38 min Scan# 533
Delta R.T. -0.23 min
Lab File: BF091504.D
Acq: 8 Dec 2016 16:02

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-03-01

Tgt Ion:113 Resp: 6206

Ion	Ratio	Lower	Upper
113	100		
55	29.2	239.8	279.8#
56	0.0	165.6	205.6#

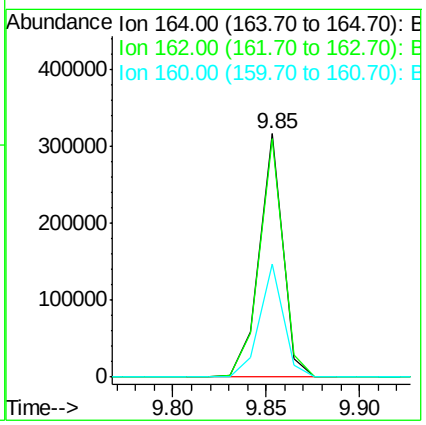


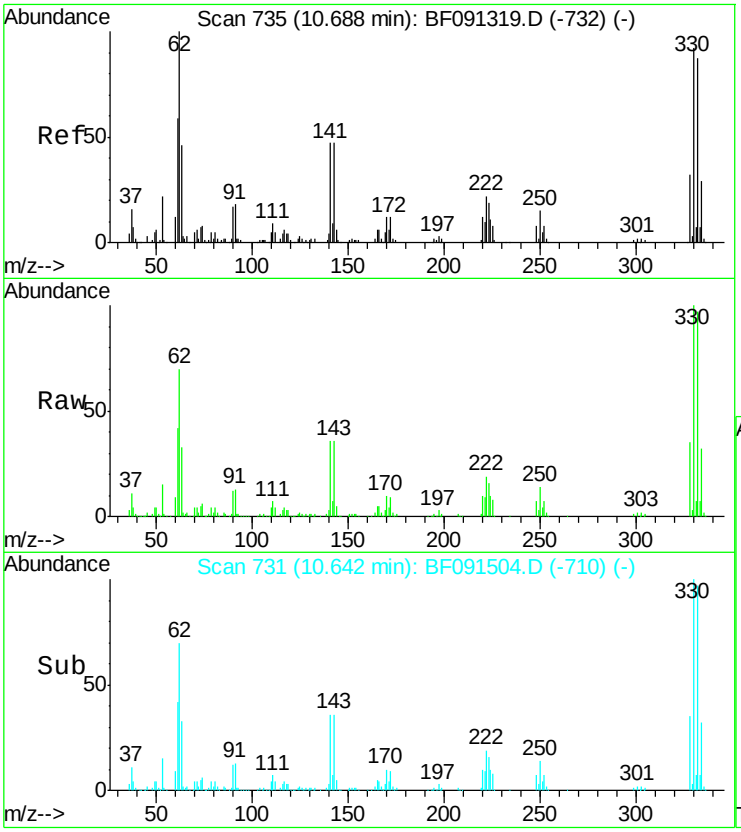


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.06 min
Lab File: BF091504.D
Acq: 8 Dec 2016 16:02

Tgt Ion:164 Resp: 274407

Ion	Ratio	Lower	Upper
164	100		
162	98.2	82.6	124.0
160	46.5	36.7	55.1



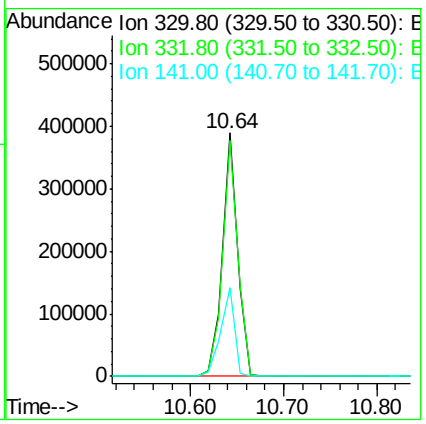


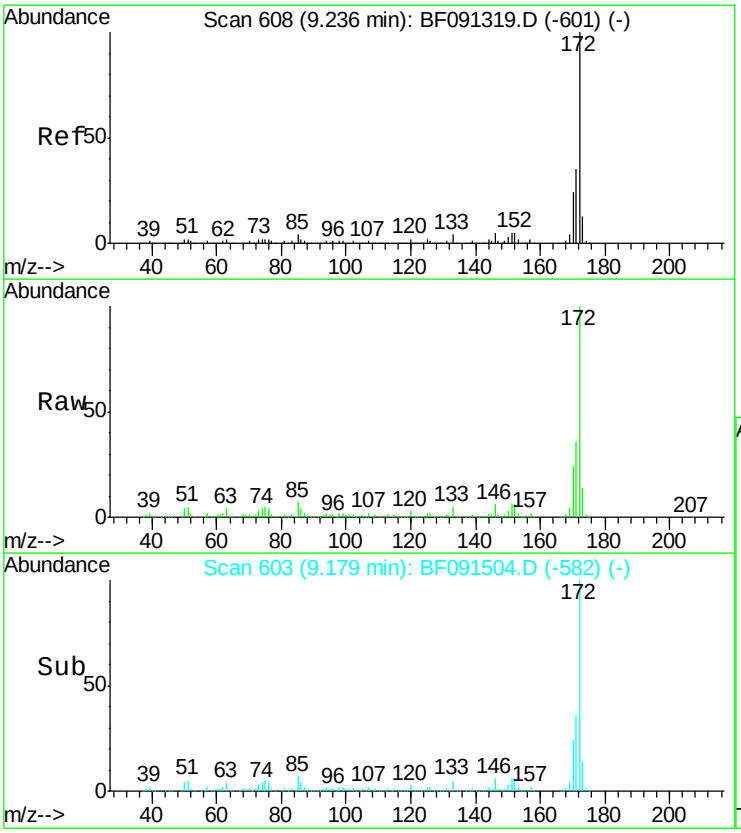
#41
2,4,6-Tribromophenol
Concen: 169.93 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.06 min
Lab File: BF091504.D
Acq: 8 Dec 2016 16:02

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-03-01

Tgt Ion:330 Resp: 441442

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.2	114.4
141	32.7	33.6	50.4#

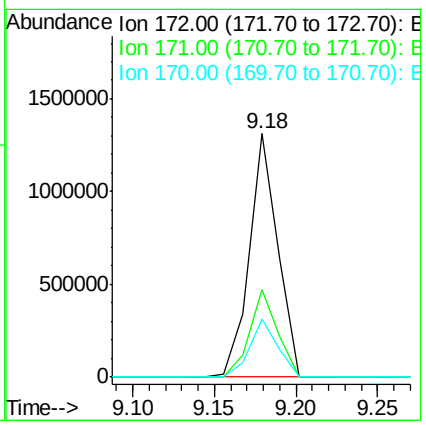


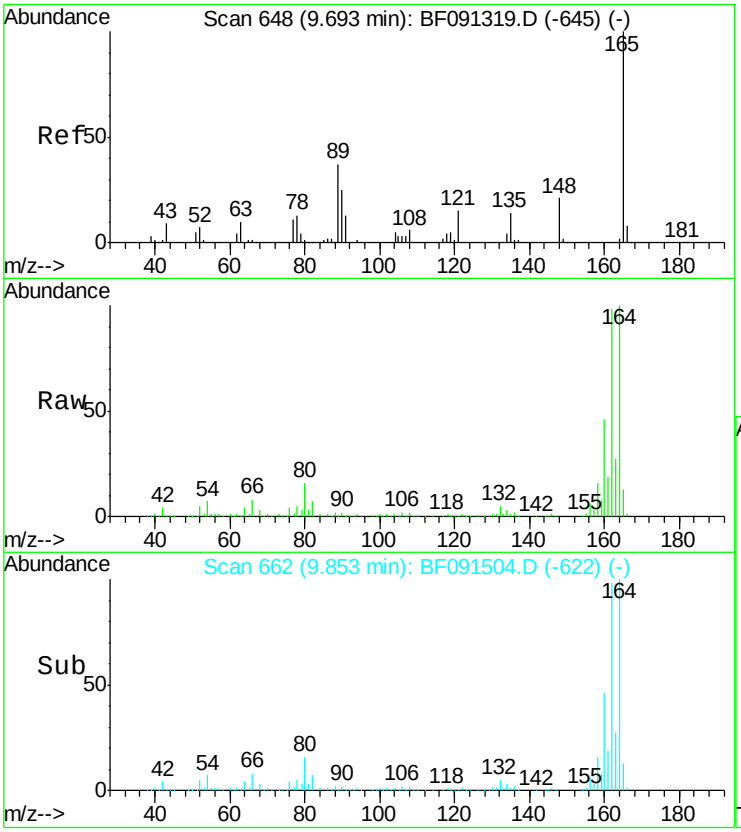


#44
2-Fluorobiphenyl
Concen: 103.95 ng
RT: 9.18 min Scan# 603
Delta R.T. -0.06 min
Lab File: BF091504.D
Acq: 8 Dec 2016 16:02

Tgt Ion:172 Resp: 1575316

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	23.9	19.7	29.5



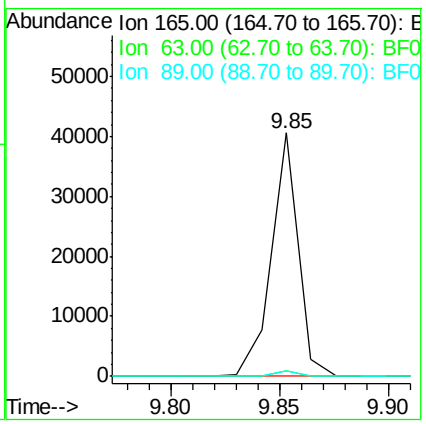


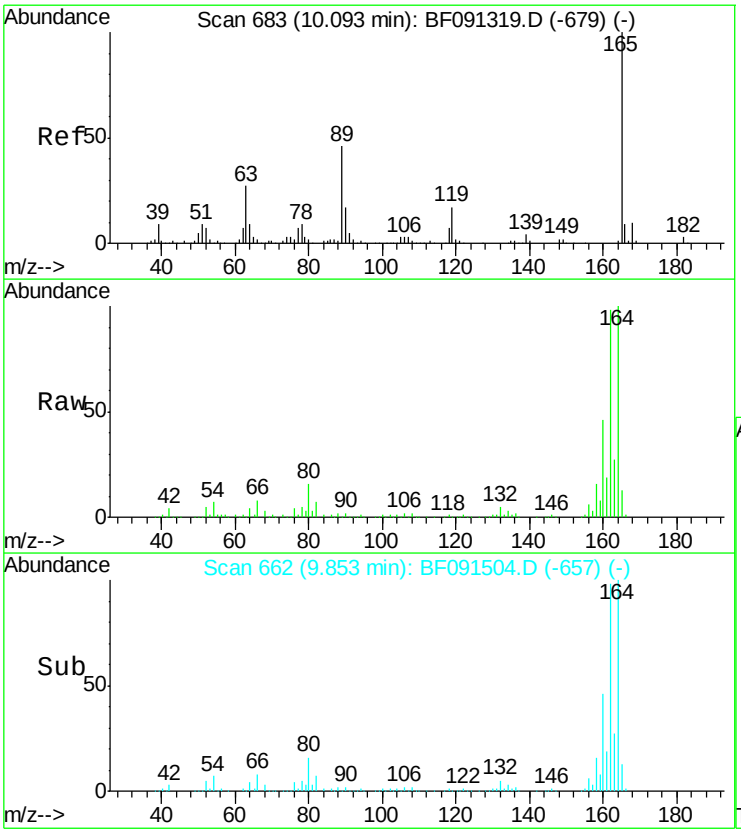
#50
2,6-Dinitrotoluene
Concen: 9.51 ng
RT: 9.85 min Scan# 662
Delta R.T. 0.15 min
Lab File: BF091504.D
Acq: 8 Dec 2016 16:02

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-03-01

Tgt Ion:165 Resp: 35320

Ion	Ratio	Lower	Upper
165	100		
63	2.2	59.4	89.0#
89	2.3	50.8	76.2#

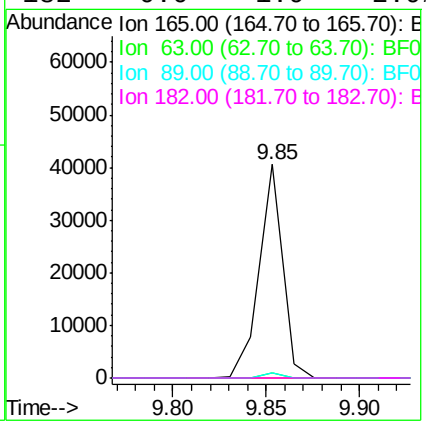


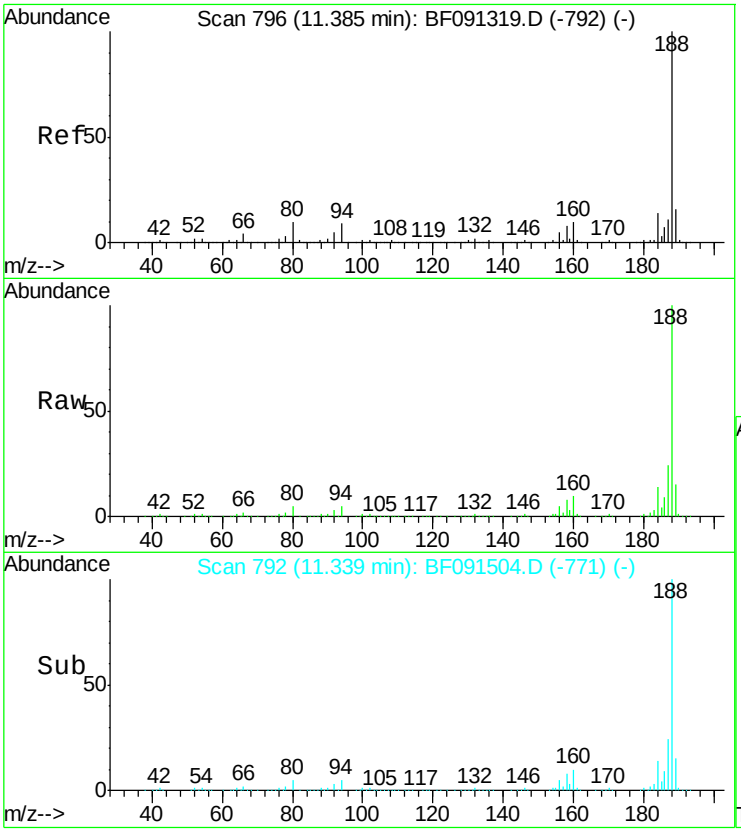


#56
2,4-Dinitrotoluene
Concen: 7.33 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.25 min
Lab File: BF091504.D
Acq: 8 Dec 2016 16:02

Tgt Ion:165 Resp: 35322

Ion	Ratio	Lower	Upper
165	100		
63	2.2	29.0	43.4#
89	2.3	43.1	64.7#
182	0.0	1.9	2.9#



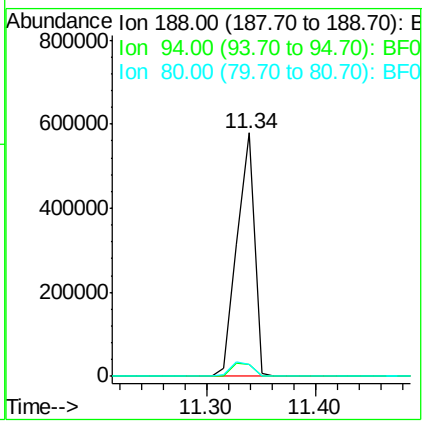


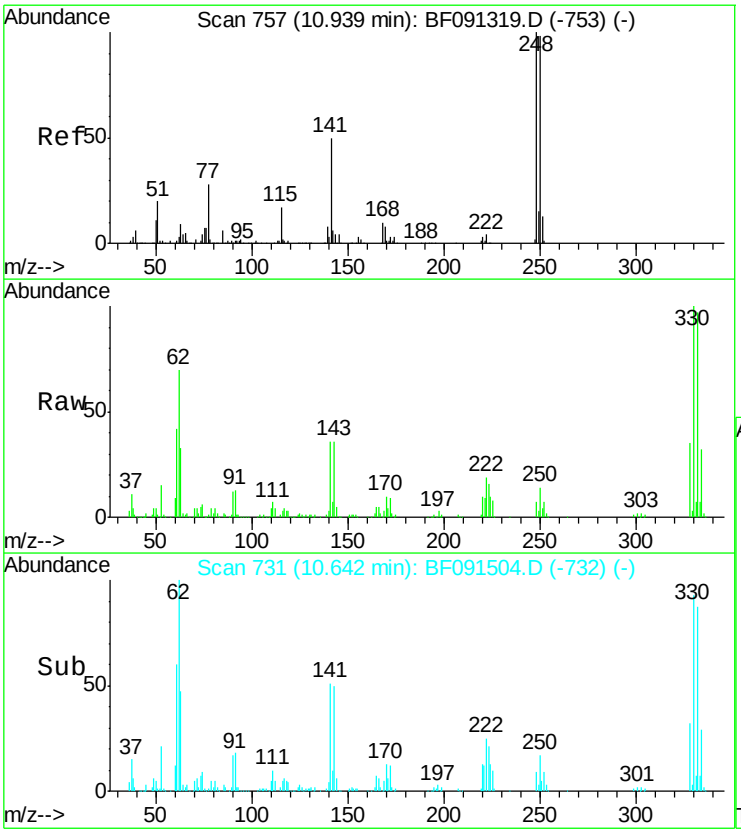
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.06 min
Lab File: BF091504.D
Acq: 8 Dec 2016 16:02

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-03-01

Tgt Ion:188 Resp: 632914

Ion	Ratio	Lower	Upper
188	100		
94	4.8	9.2	13.8#
80	4.9	10.5	15.7#

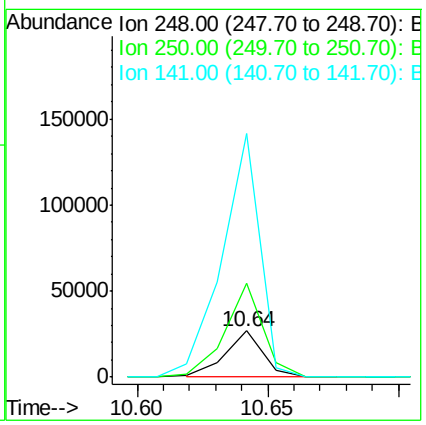


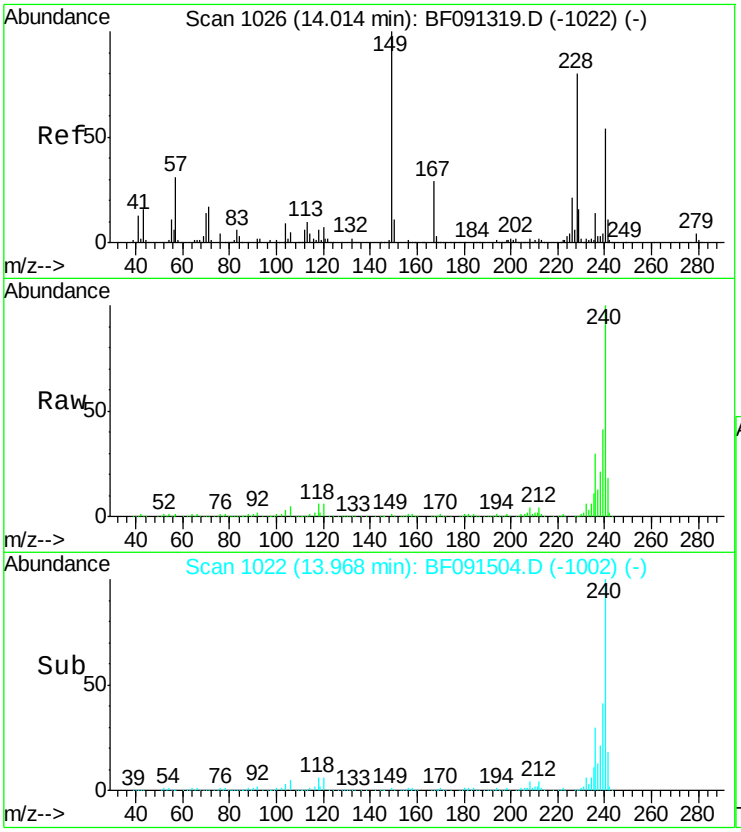


#66
4-Bromophenyl-phenylether
Concen: 3.91 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.31 min
Lab File: BF091504.D
Acq: 8 Dec 2016 16:02

Tgt Ion:248 Resp: 26619

Ion	Ratio	Lower	Upper
248	100		
250	203.0	78.2	117.4#
141	529.8	71.9	107.9#



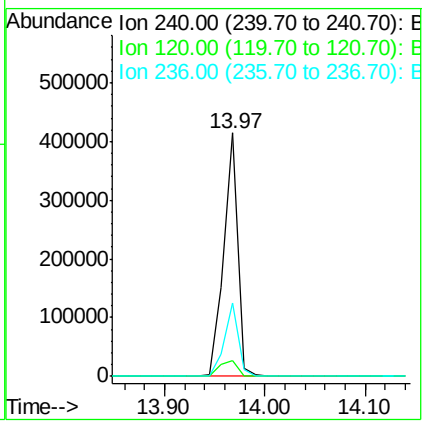


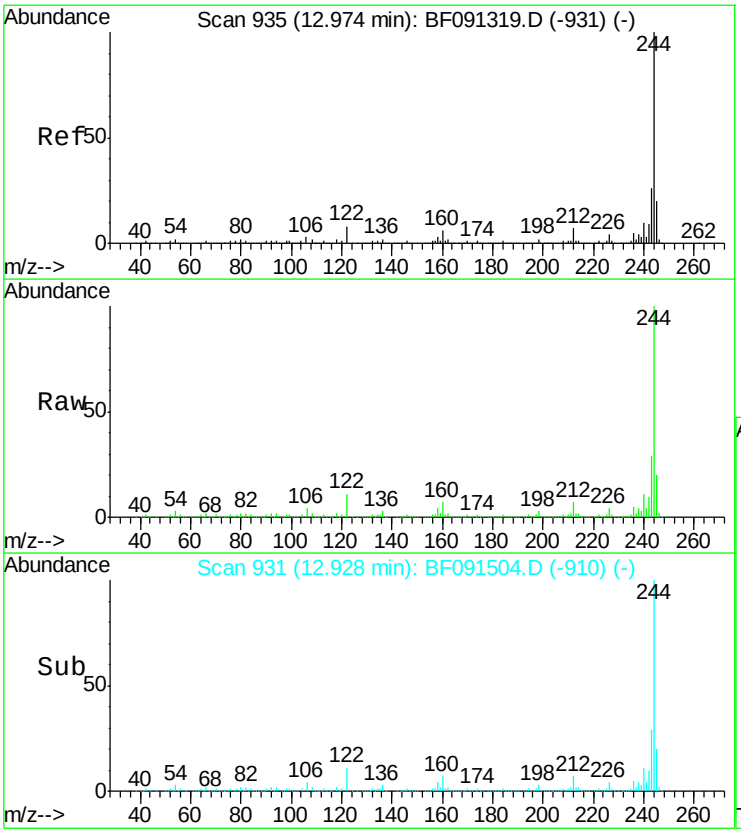
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.07 min
Lab File: BF091504.D
Acq: 8 Dec 2016 16:02

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-03-01

Tgt Ion:240 Resp: 403531

Ion	Ratio	Lower	Upper
240	100		
120	6.4	12.1	18.1#
236	30.2	21.0	31.6

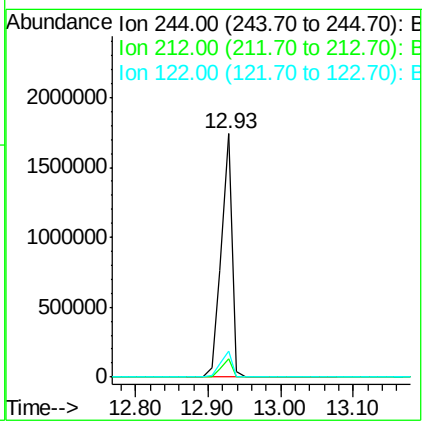


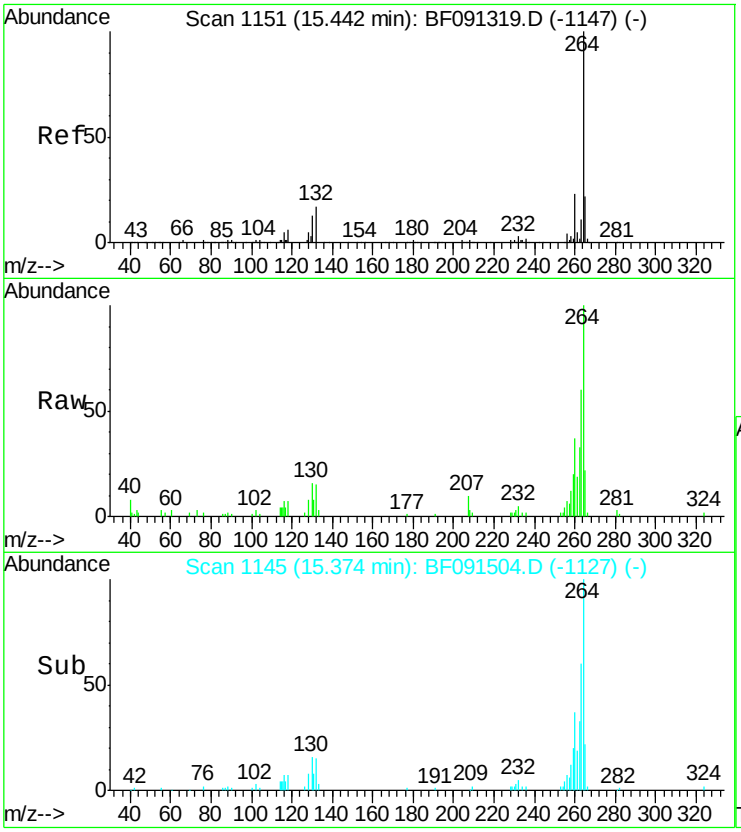


#78
Terphenyl-d14
Concen: 96.83 ng
RT: 12.93 min Scan# 931
Delta R.T. -0.06 min
Lab File: BF091504.D
Acq: 8 Dec 2016 16:02

Tgt Ion:244 Resp: 1797723

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	10.7	9.5	14.3





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.10 min
Lab File: BF091504.D
Acq: 8 Dec 2016 16:02

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-03-01

Tgt Ion:264 Resp: 28759

Ion	Ratio	Lower	Upper
264	100		
260	36.9	18.8	28.2#
265	21.7	17.0	25.6