Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091193.D
Acq On : 16 Nov 2016 17:37
Operator : UM/SJ
Sample : H5636-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPS073041

Quant Time: Nov 16 23:52:48 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	194709	20.00	ng		-0.05
21) Naphthalene-d8	7.90	136	827181	20.00	ng		-0.05
38) Acenaphthene-d10	9.65	164	417853	20.00	ng		-0.05
63) Phenanthrene-d10	11.14	188	744845	20.00	ng		-0.03
75) Chrysene-d12	13.77	240	577447	20.00	ng		-0.05
86) Perylene-d12	15.14	264	439423	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	902774	76.57	ng		-0.03
7) Phenol-d6	6.27	99	753835	47.11	ng		-0.05
23) Nitrobenzene-d5	7.20	82	1567006	103.34	ng		-0.05
41) 2,4,6-Tribromophenol	10.45	330	589211	155.97	ng		-0.03
44) 2-Fluorobiphenyl	8.99	172	2243938	92.45	ng		-0.05
78) Terphenyl-d14	12.74	244	2594077	112.10	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.38	77	31685	3.57	ng		89
15) Benzyl Alcohol	6.77	79	23974	2.12	ng	#	47
19) n-Nitroso-di-n-propylamine	7.20	70	214518	19.35	ng	#	77
25) Isophorone	7.20	82	1519443	52.00	ng	#	67
35) Caprolactam	8.33	113	40134	12.49	ng	#	81
49) Dimethylphthalate	9.39	163	118214	4.31	ng		98
50) 2,6-Dinitrotoluene	9.65	165	53750	9.15	ng	#	12
56) 2,4-Dinitrotoluene	9.65	165	53752	7.19	ng	#	26
66) 4-Bromophenyl-phenylether	10.45	248	40803	5.27	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091193.D
Acq On : 16 Nov 2016 17:37
Operator : UM/SJ
Sample : H5636-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CPS073041

Quant Time: Nov 16 23:52:48 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
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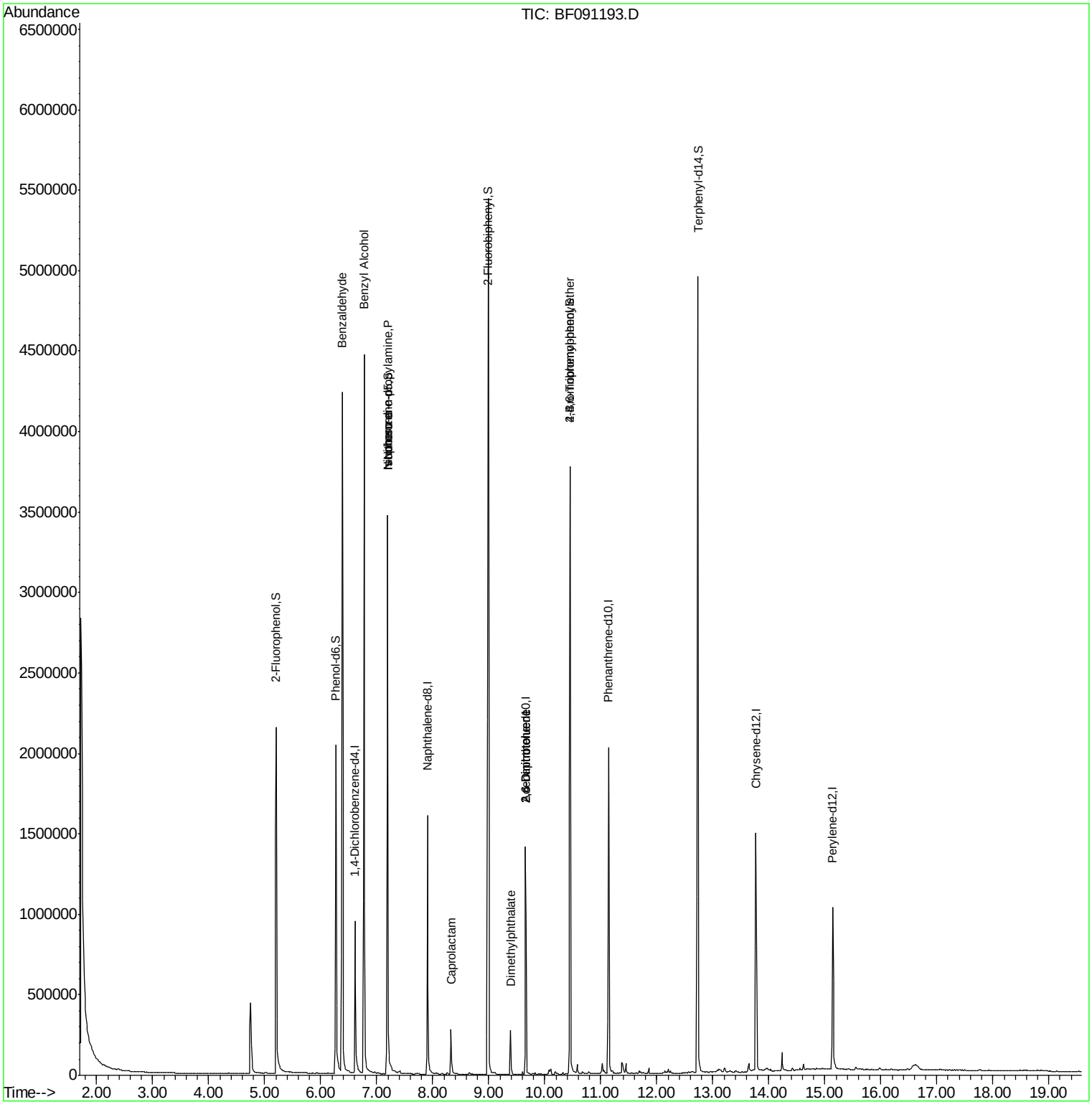
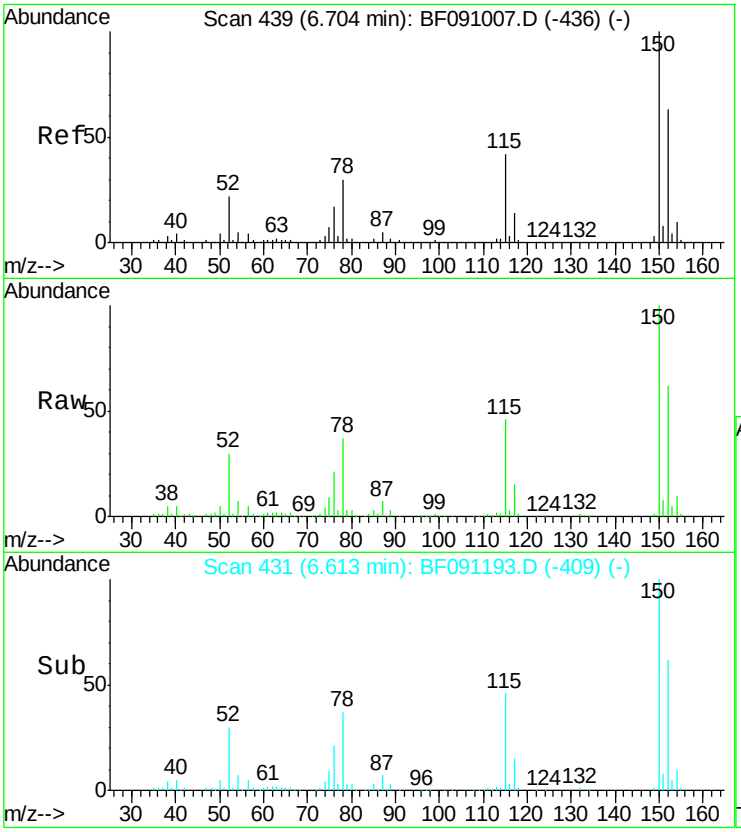


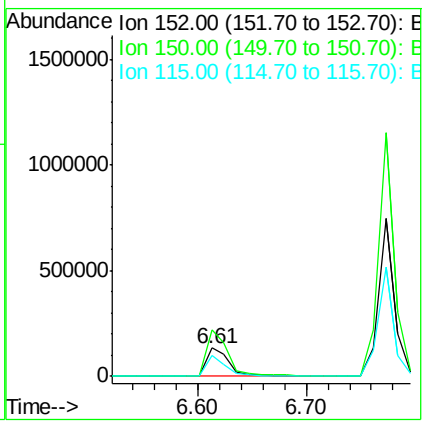


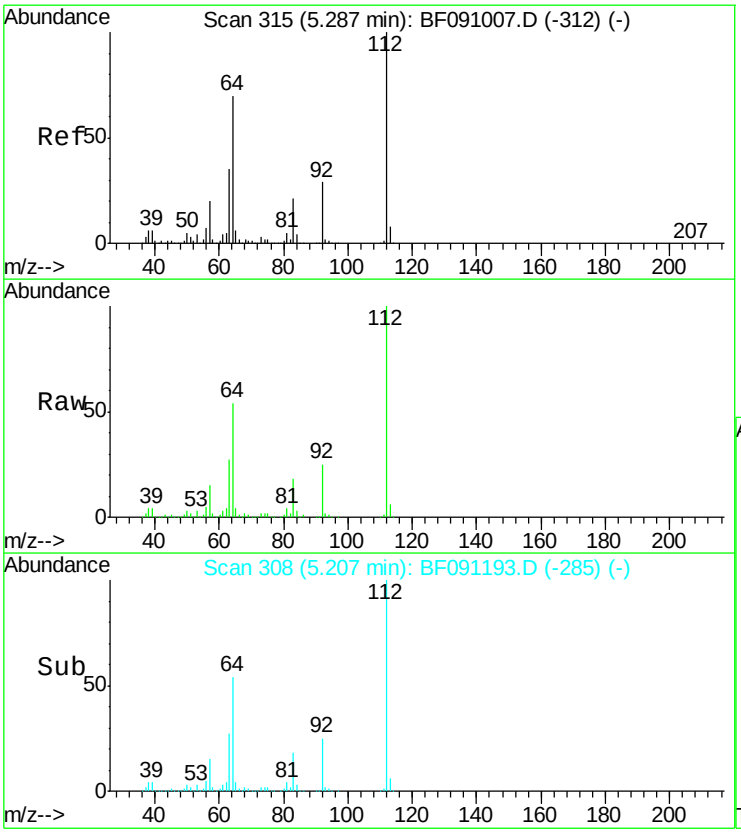
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.61 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF091193.D
Acq: 16 Nov 2016 17:37

Instrument :
BNA_F
ClientSampleId :
CPS073041

Tgt Ion:152 Resp: 194709

Ion	Ratio	Lower	Upper
152	100		
150	162.3	126.8	190.2
115	75.2	53.3	79.9

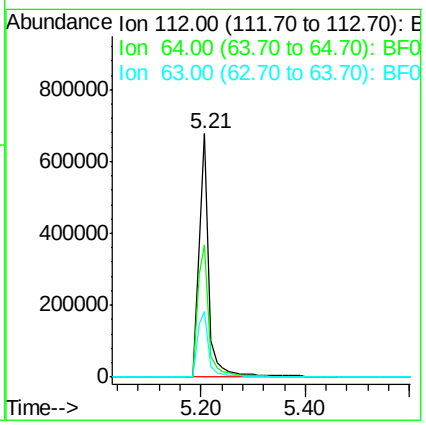


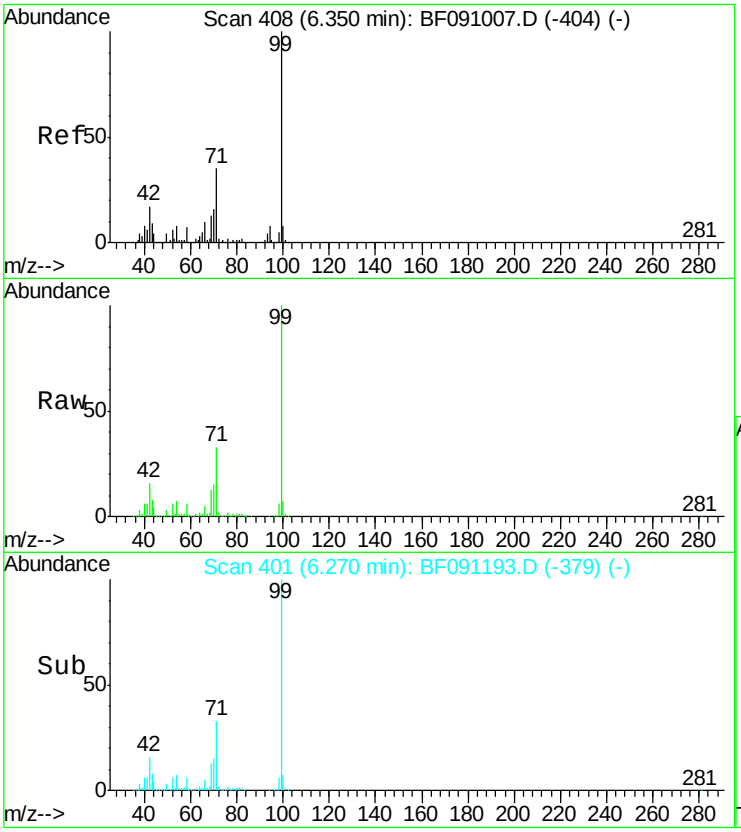


#5
2-Fluorophenol
Concen: 76.57 ng
RT: 5.21 min Scan# 308
Delta R.T. -0.03 min
Lab File: BF091193.D
Acq: 16 Nov 2016 17:37

Tgt Ion:112 Resp: 902774

Ion	Ratio	Lower	Upper
112	100		
64	54.3	55.8	83.6#
63	27.1	28.0	42.0#



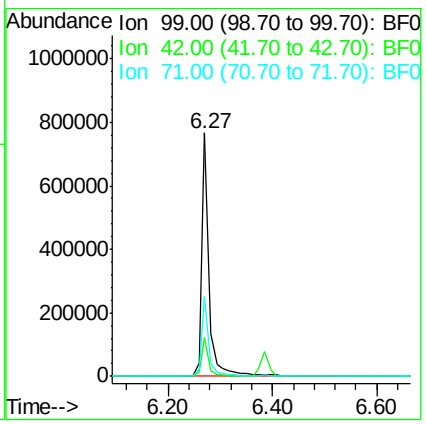


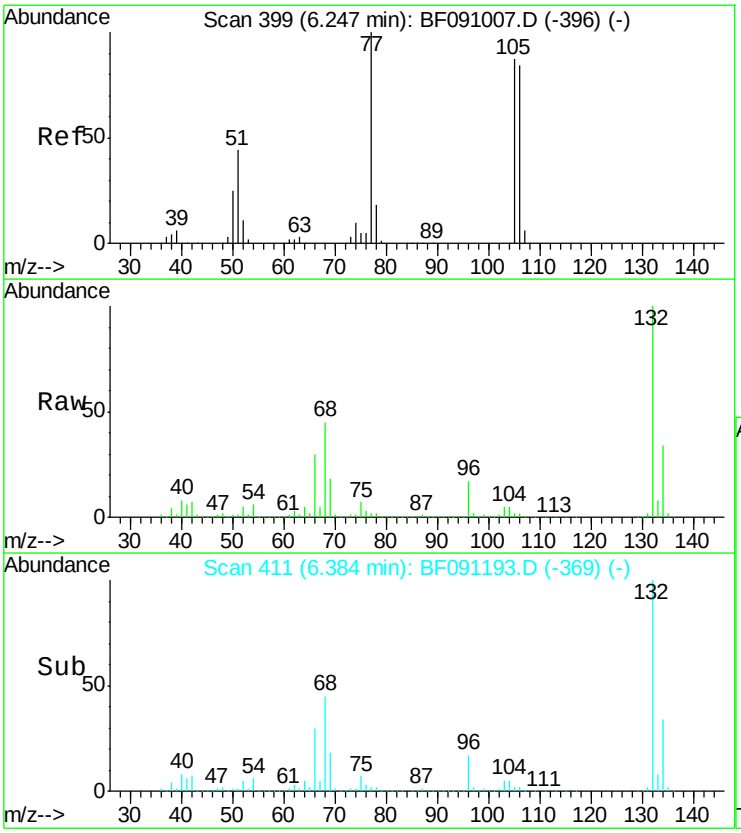
#7
Phenol-d6
Concen: 47.11 ng
RT: 6.27 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF091193.D
Acq: 16 Nov 2016 17:37

Instrument :
BNA_F
ClientSampleId :
CPS073041

Tgt Ion: 99 Resp: 753835

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.9	20.9
71	32.8	27.8	41.8

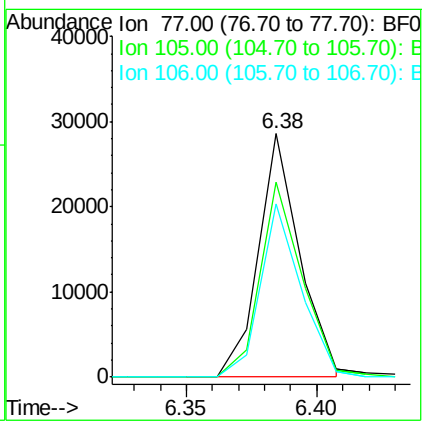


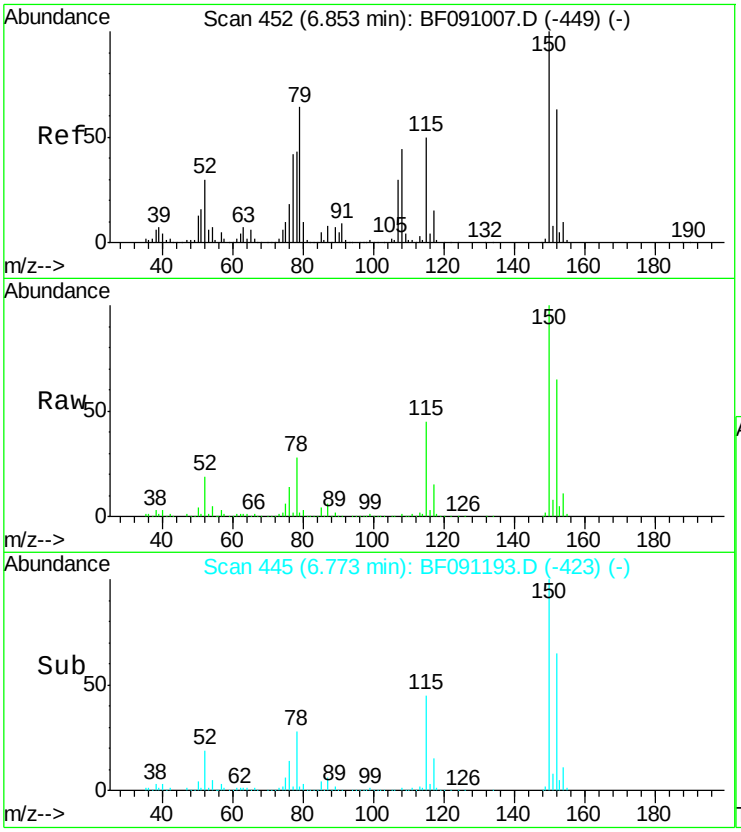


#9
Benzaldehyde
Concen: 3.57 ng
RT: 6.38 min Scan# 411
Delta R.T. 0.18 min
Lab File: BF091193.D
Acq: 16 Nov 2016 17:37

Tgt Ion: 77 Resp: 31685

Ion	Ratio	Lower	Upper
77	100		
105	79.9	66.8	106.8
106	71.4	64.0	104.0



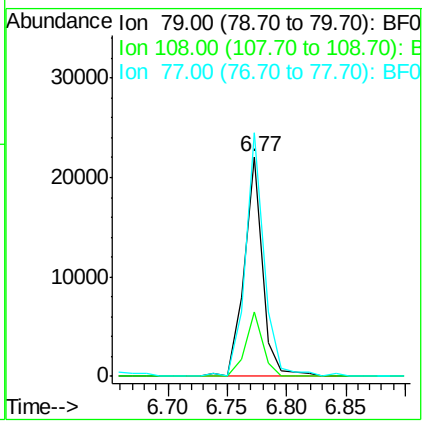


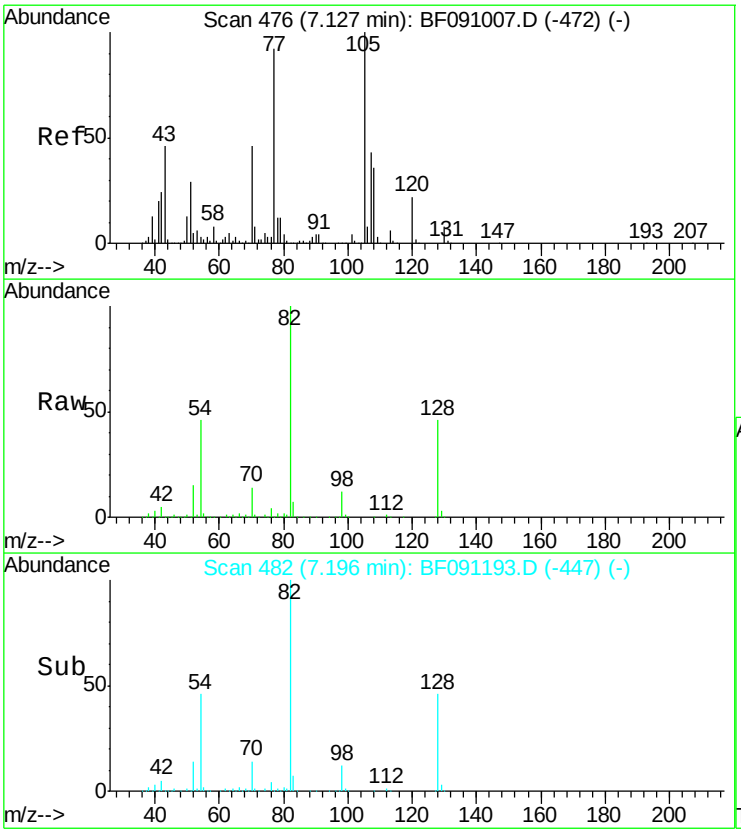
#15
Benzyl Alcohol
Concen: 2.12 ng
RT: 6.77 min Scan# 445
Delta R.T. -0.05 min
Lab File: BF091193.D
Acq: 16 Nov 2016 17:37

Instrument :
BNA_F
ClientSampleId :
CPS073041

Tgt Ion: 79 Resp: 23974

Ion	Ratio	Lower	Upper
79	100		
108	29.2	55.7	83.5#
77	110.7	52.6	79.0#

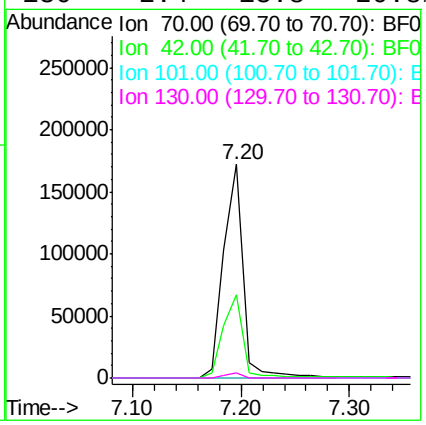


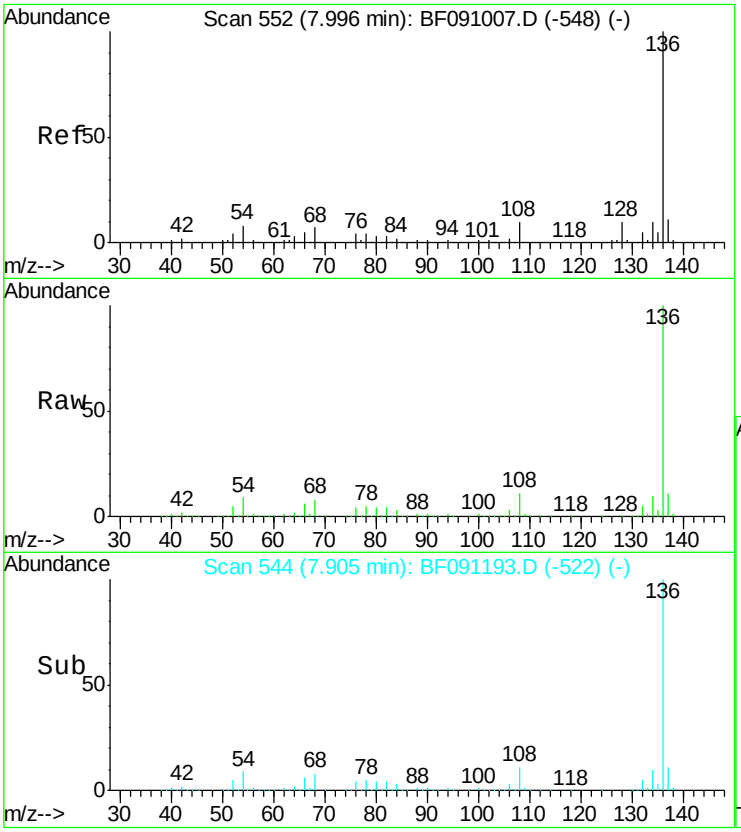


#19
n-Nitroso-di-n-propylamine
Concen: 19.35 ng
RT: 7.20 min Scan# 482
Delta R.T. 0.10 min
Lab File: BF091193.D
Acq: 16 Nov 2016 17:37

Tgt Ion: 70 Resp: 214518

Ion	Ratio	Lower	Upper
70	100		
42	38.8	41.7	62.5#
101	0.0	6.7	10.1#
130	2.4	13.8	20.8#



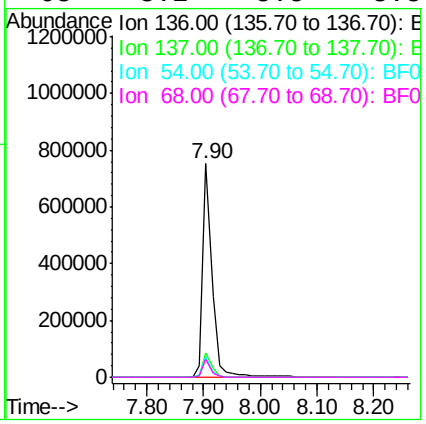


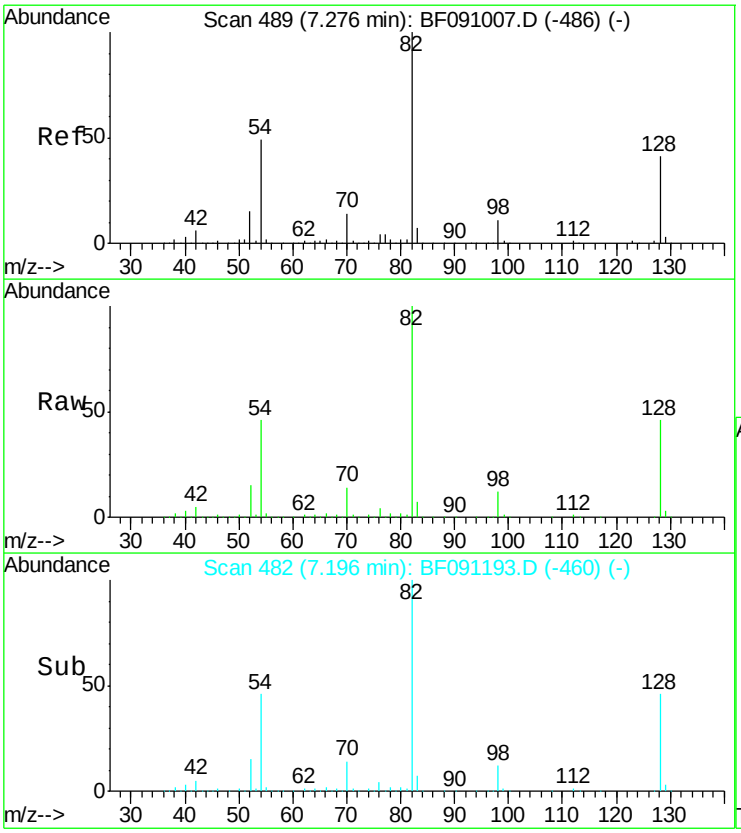
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 544
Delta R.T. -0.05 min
Lab File: BF091193.D
Acq: 16 Nov 2016 17:37

Instrument :
BNA_F
ClientSampleId :
CPS073041

Tgt Ion:136 Resp: 827181

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	9.5	6.2	9.2#
68	8.2	5.5	8.3

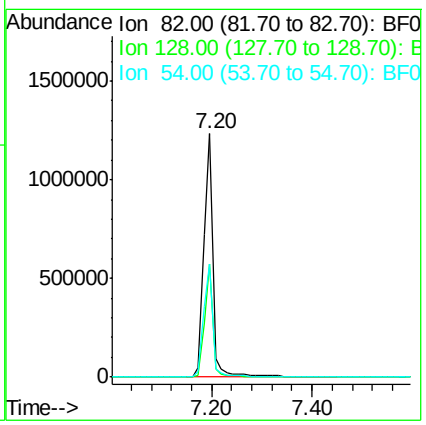


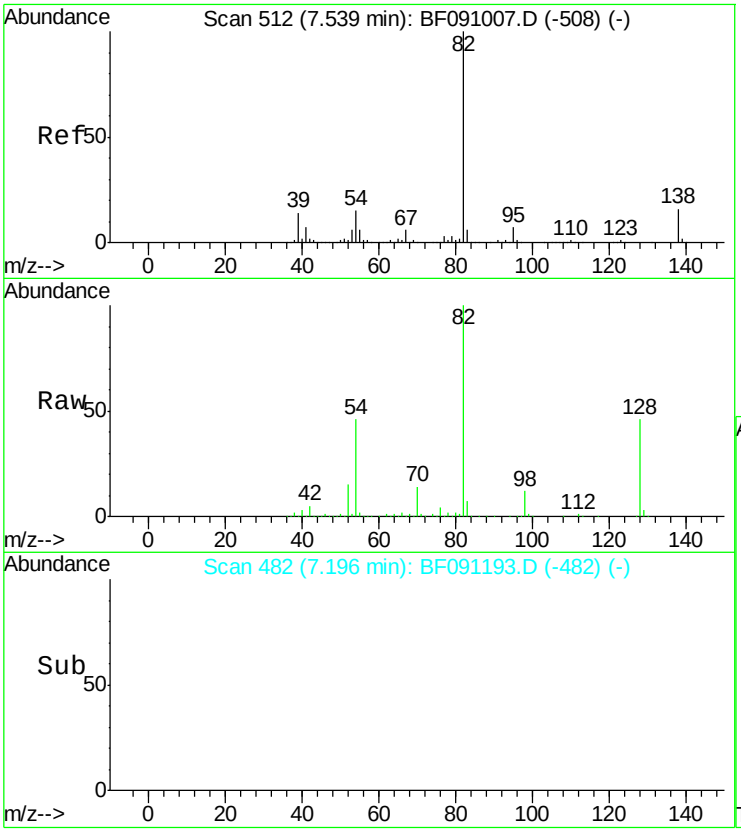


#23
Nitrobenzene-d5
Concen: 103.34 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.05 min
Lab File: BF091193.D
Acq: 16 Nov 2016 17:37

Tgt Ion: 82 Resp: 1567006

Ion	Ratio	Lower	Upper
82	100		
128	46.5	32.4	48.6
54	46.4	39.2	58.8



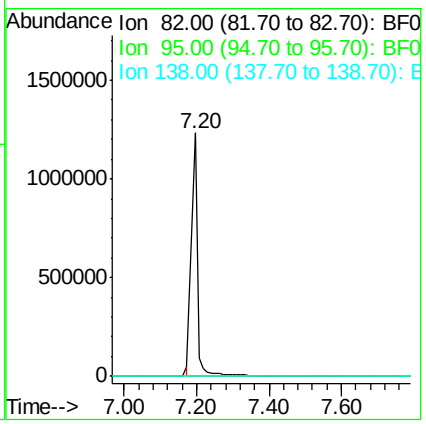


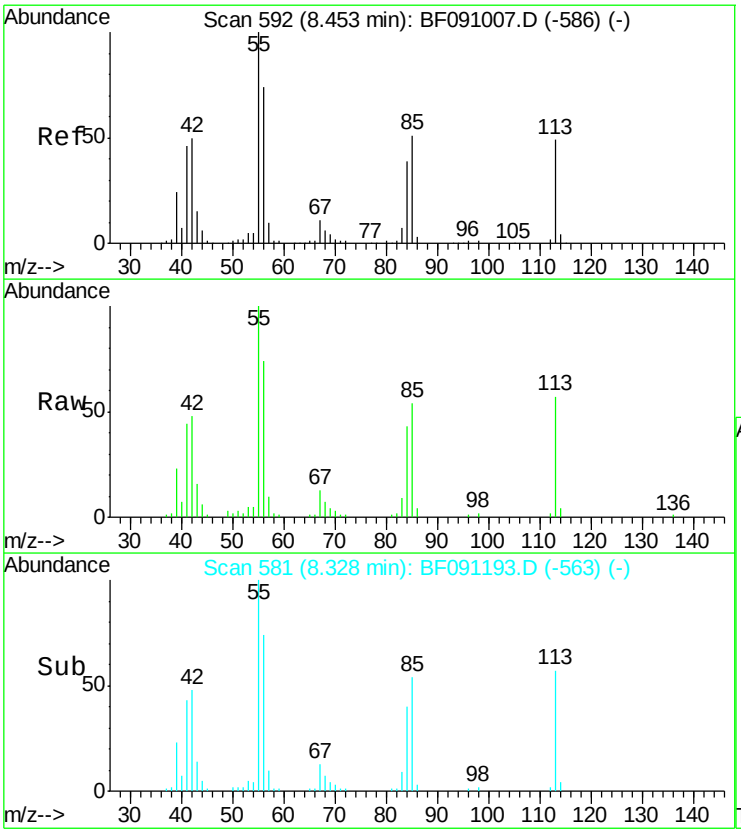
#25
Isophorone
Concen: 52.00 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.30 min
Lab File: BF091193.D
Acq: 16 Nov 2016 17:37

Instrument :
BNA_F
ClientSampleId :
CPS073041

Tgt Ion: 82 Resp: 1519443

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.0	19.4#

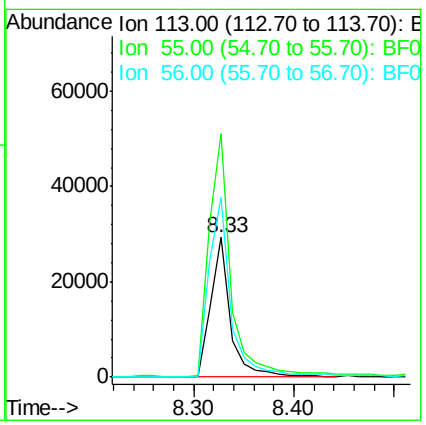


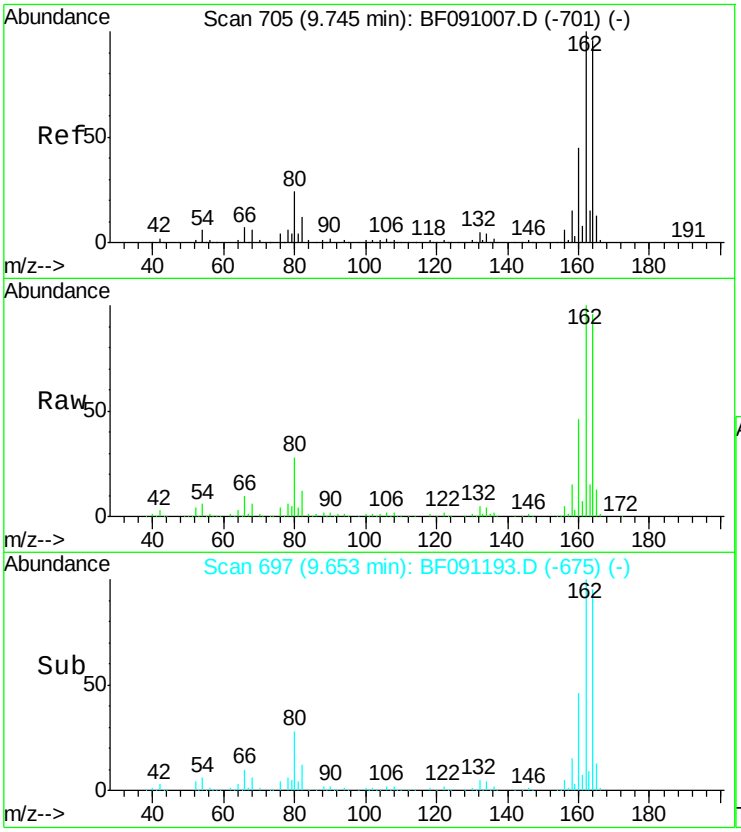


#35
Caprolactam
Concen: 12.49 ng
RT: 8.33 min Scan# 581
Delta R.T. -0.09 min
Lab File: BF091193.D
Acq: 16 Nov 2016 17:37

Tgt Ion:113 Resp: 40134

Ion	Ratio	Lower	Upper
113	100		
55	174.1	184.1	224.1#
56	128.1	132.0	172.0#



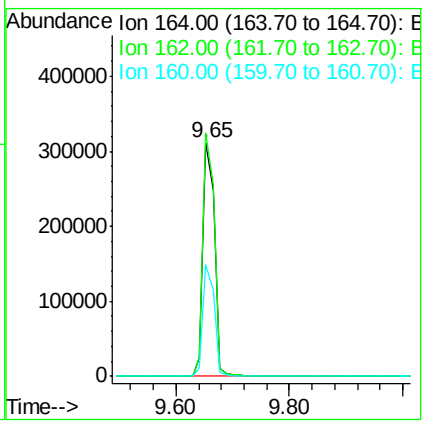


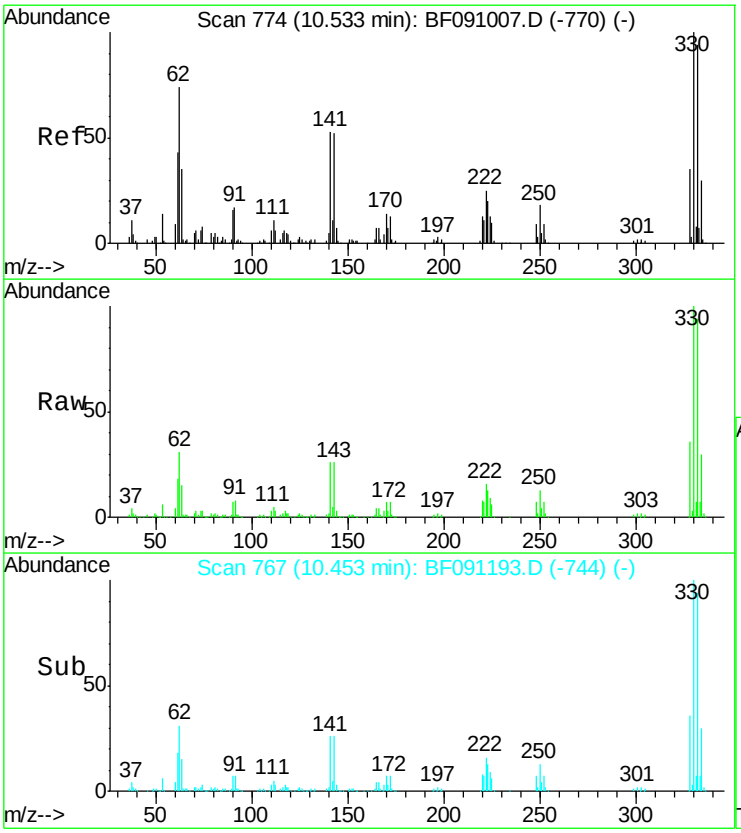
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF091193.D
Acq: 16 Nov 2016 17:37

Instrument :
BNA_F
ClientSampleId :
CPS073041

Tgt Ion:164 Resp: 417853

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.6	125.4
160	47.7	37.9	56.9

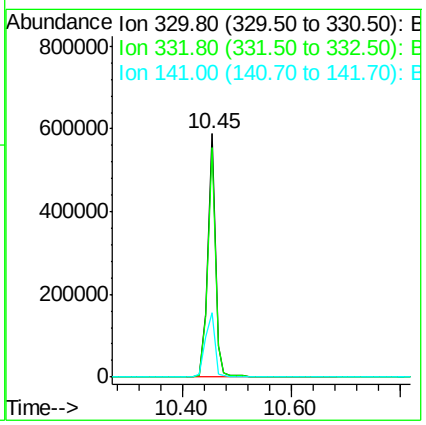


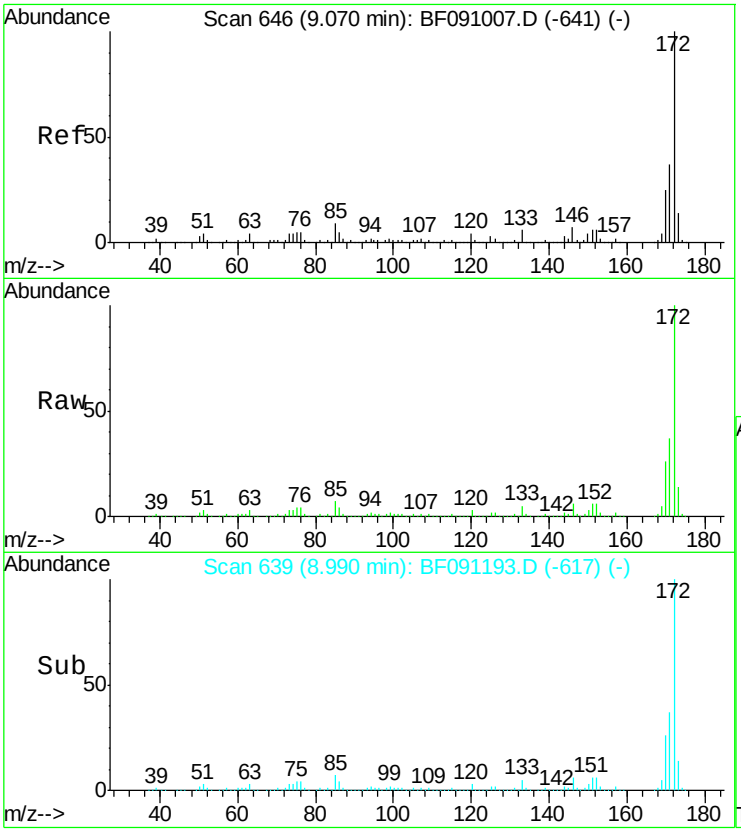


#41
2,4,6-Tribromophenol
Concen: 155.97 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.03 min
Lab File: BF091193.D
Acq: 16 Nov 2016 17:37

Tgt Ion:330 Resp: 589211

Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.9	113.9
141	32.6	36.1	54.1#



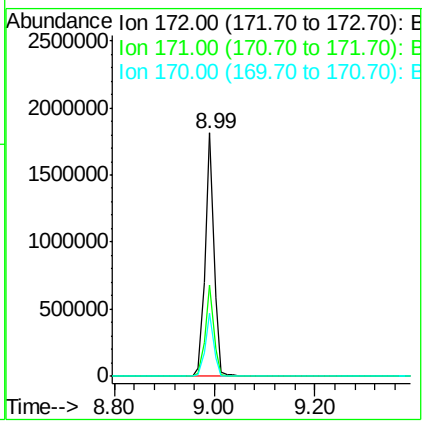


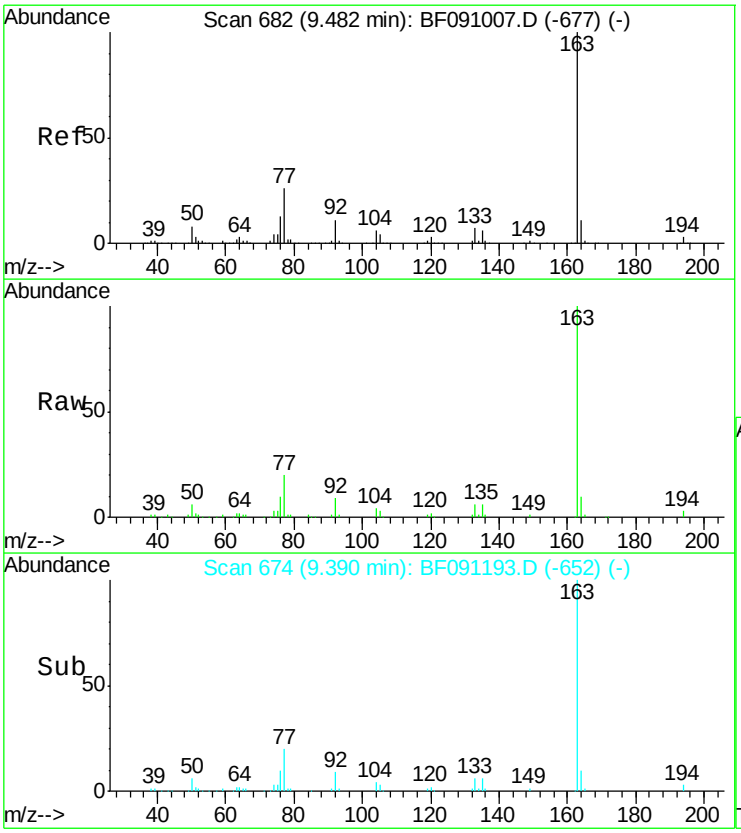
#44
2-Fluorobiphenyl
Concen: 92.45 ng
RT: 8.99 min Scan# 639
Delta R.T. -0.05 min
Lab File: BF091193.D
Acq: 16 Nov 2016 17:37

Instrument :
BNA_F
ClientSampleId :
CPS073041

Tgt Ion:172 Resp: 2243938

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	25.8	20.3	30.5

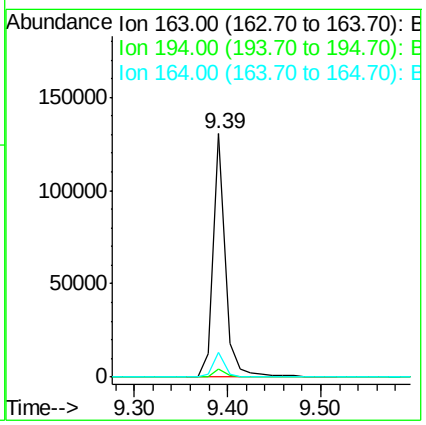


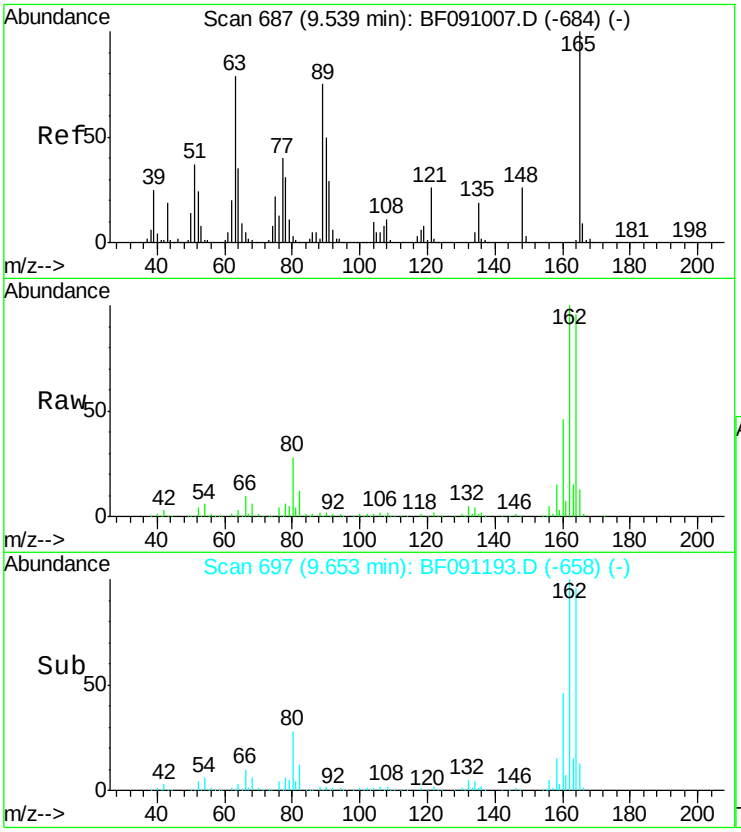


#49
Dimethylphthalate
Concen: 4.31 ng
RT: 9.39 min Scan# 674
Delta R.T. -0.05 min
Lab File: BF091193.D
Acq: 16 Nov 2016 17:37

Tgt Ion:163 Resp: 118214

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.0	8.7	13.1



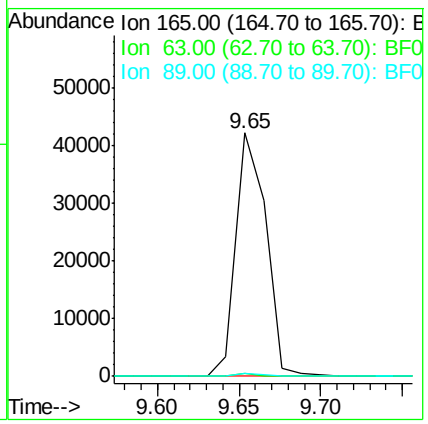


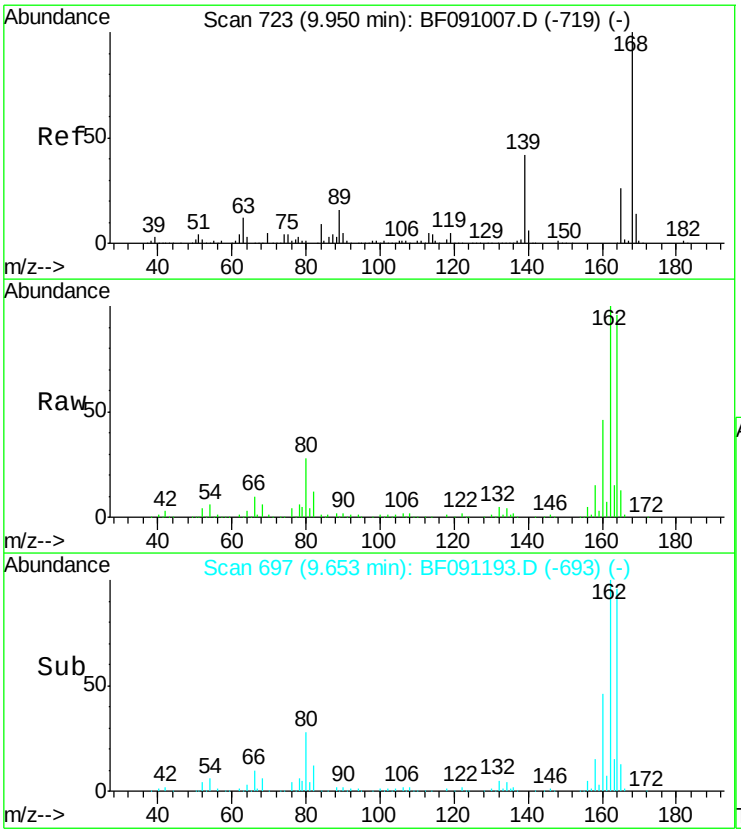
#50
2,6-Dinitrotoluene
Concen: 9.15 ng
RT: 9.65 min Scan# 697
Delta R.T. 0.15 min
Lab File: BF091193.D
Acq: 16 Nov 2016 17:37

Instrument :
BNA_F
ClientSampleId :
CPS073041

Tgt Ion:165 Resp: 53750

Ion	Ratio	Lower	Upper
165	100		
63	1.3	65.6	98.4#
89	1.2	59.8	89.6#

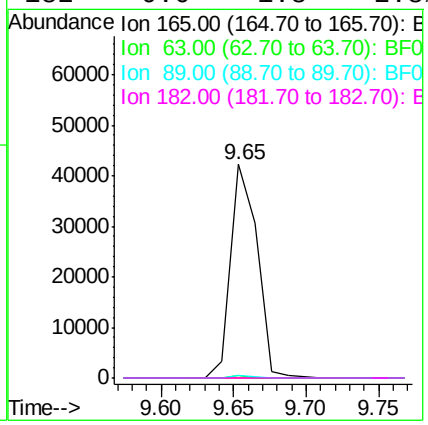


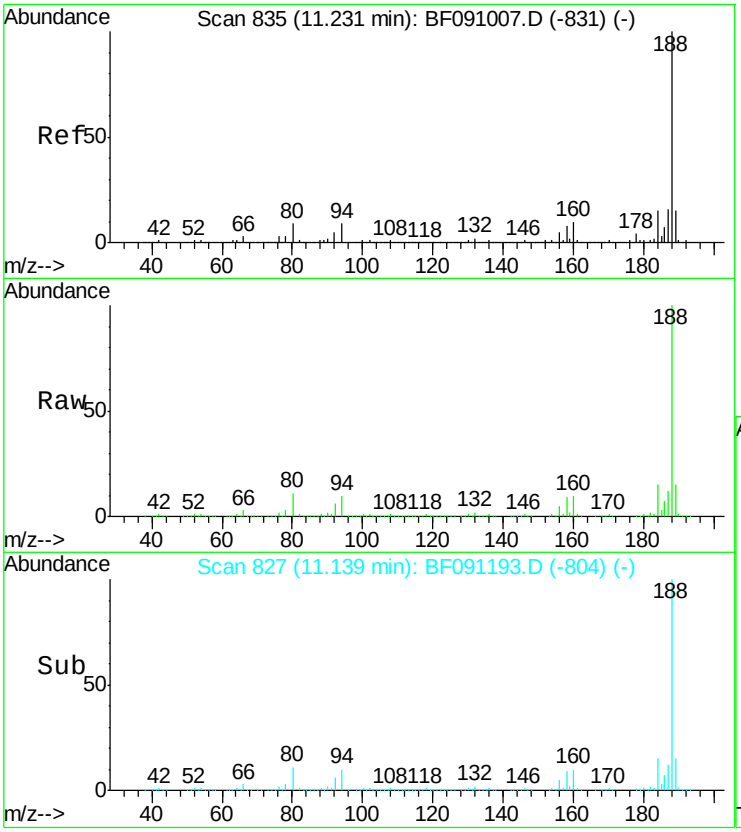


#56
2,4-Dinitrotoluene
Concen: 7.19 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.25 min
Lab File: BF091193.D
Acq: 16 Nov 2016 17:37

Tgt Ion:165 Resp: 53752

Ion	Ratio	Lower	Upper
165	100		
63	1.3	38.7	58.1#
89	1.2	50.6	76.0#
182	0.0	1.8	2.8#



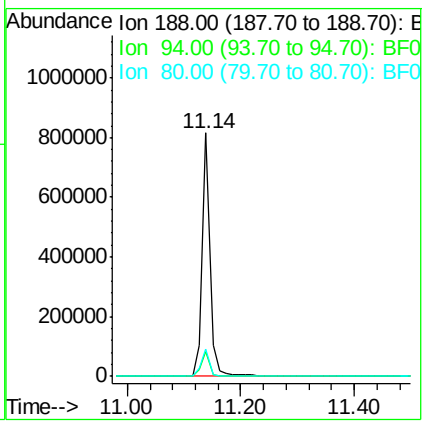


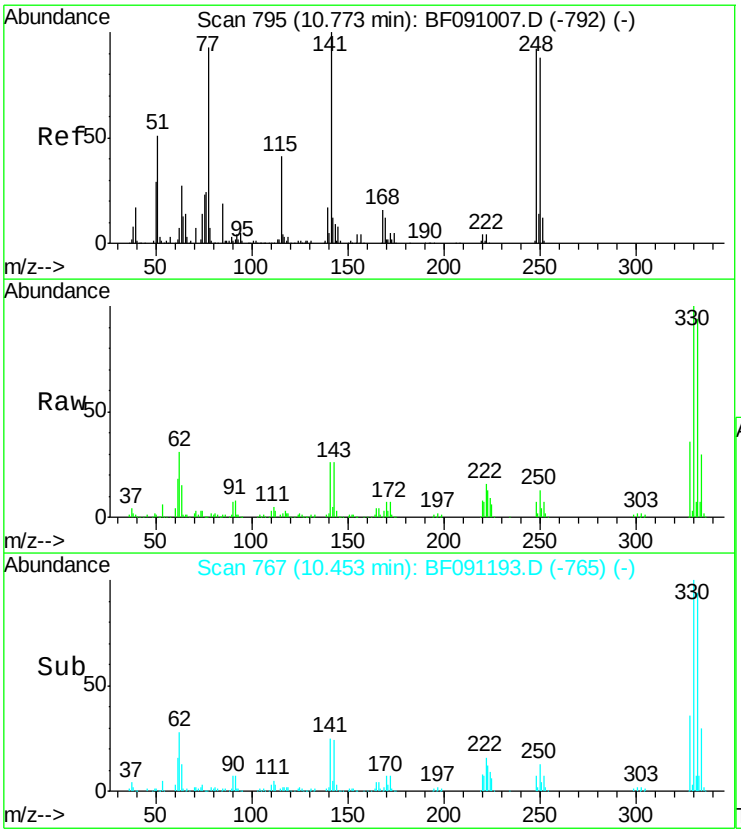
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF091193.D
Acq: 16 Nov 2016 17:37

Instrument :
BNA_F
ClientSampleId :
CPS073041

Tgt Ion:188 Resp: 744845

Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.0	10.4
80	11.0	7.5	11.3

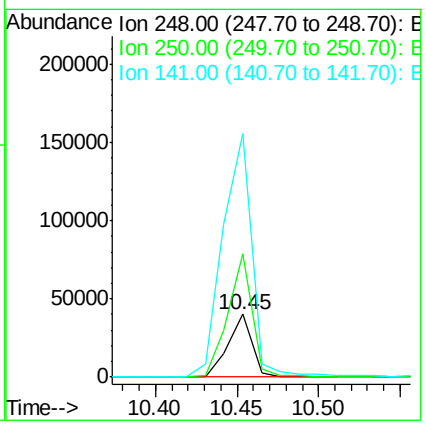


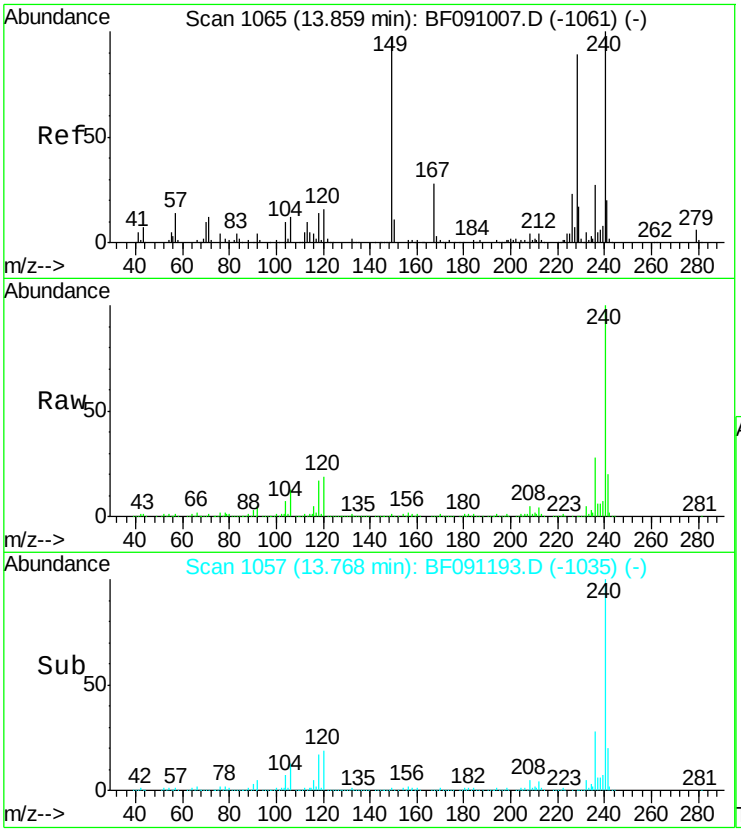


#66
4-Bromophenyl-phenylether
Concen: 5.27 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.27 min
Lab File: BF091193.D
Acq: 16 Nov 2016 17:37

Tgt Ion:248 Resp: 40803

Ion	Ratio	Lower	Upper
248	100		
250	197.8	76.3	114.5#
141	389.3	86.8	130.2#



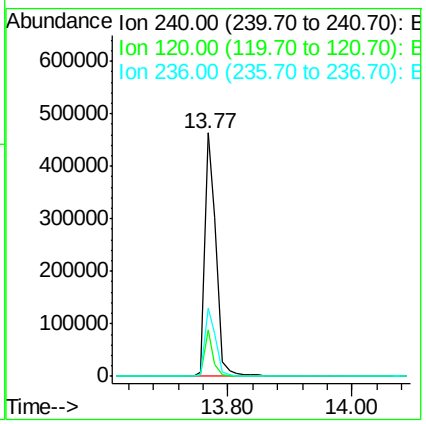


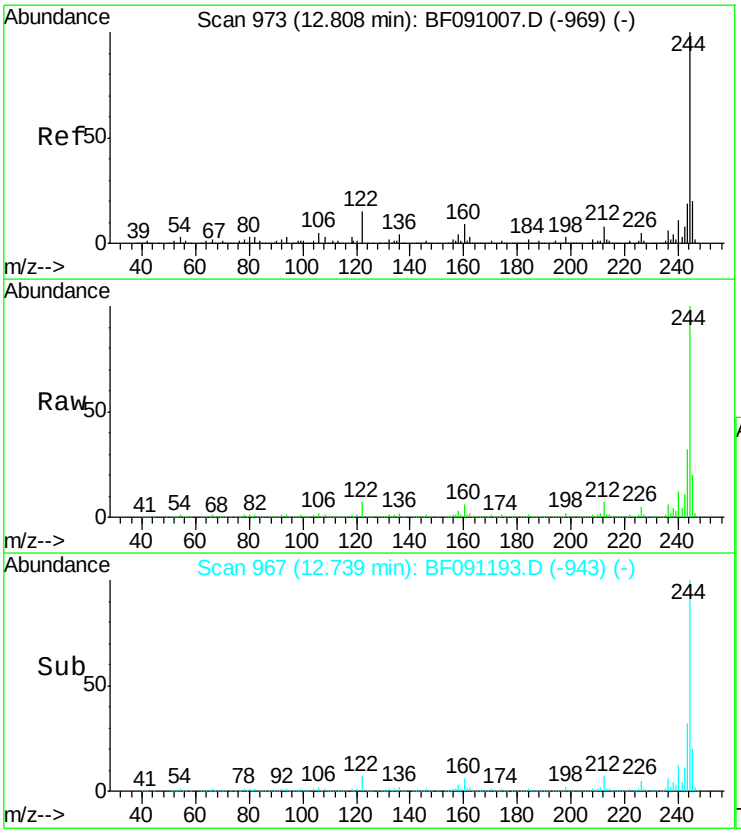
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.05 min
Lab File: BF091193.D
Acq: 16 Nov 2016 17:37

Instrument :
BNA_F
ClientSampleId :
CPS073041

Tgt Ion:240 Resp: 577447

Ion	Ratio	Lower	Upper
240	100		
120	18.9	12.9	19.3
236	28.2	21.9	32.9

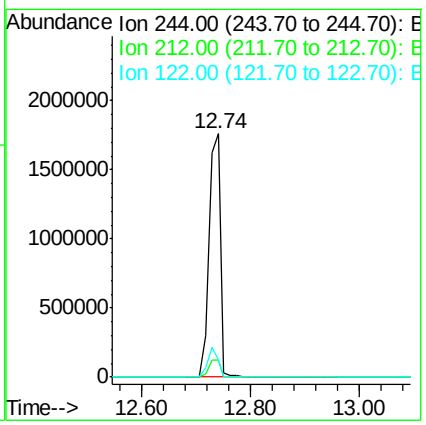


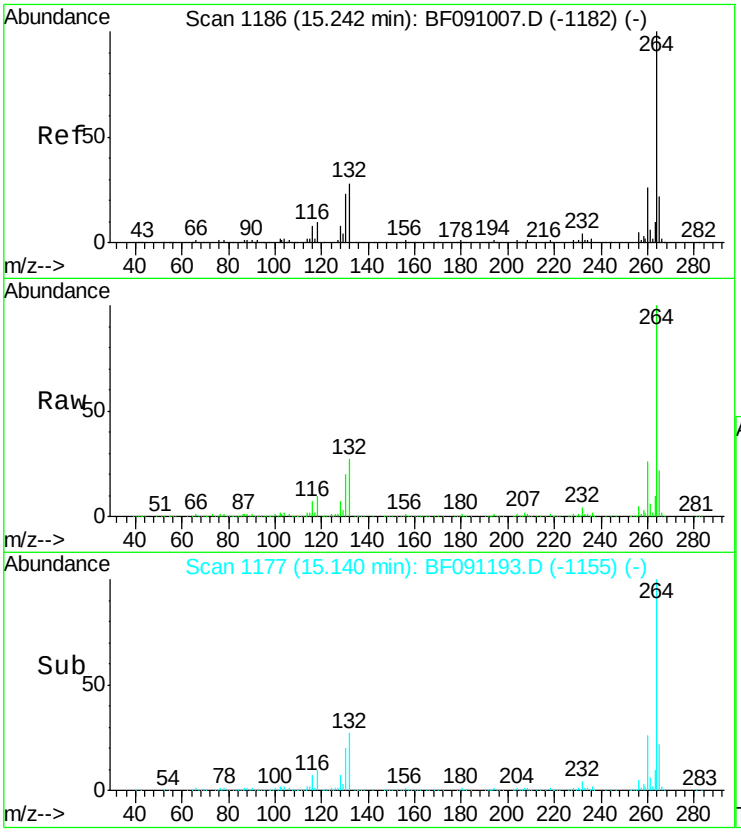


#78
Terphenyl-d14
Concen: 112.10 ng
RT: 12.74 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF091193.D
Acq: 16 Nov 2016 17:37

Tgt Ion:244 Resp: 2594077

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.4	9.6
122	7.1	12.3	18.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1177
Delta R.T. -0.05 min
Lab File: BF091193.D
Acq: 16 Nov 2016 17:37

Instrument :
BNA_F
ClientSampleId :
CPS073041

Tgt Ion:264 Resp: 439423

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.6	30.8
265	22.3	17.8	26.8