Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
Data File : BF091487.D
Acq On : 7 Dec 2016 23:30
Operator : UM/SJ
Sample : H5907-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-01-B6-B7-B6A-B7A

Quant Time: Dec 08 00:28:48 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	6.84	152	156383	20.00	ng		-0.04
21) Naphthalene-d8	8.12	136	586331	20.00	ng		-0.05
38) Acenaphthene-d10	9.86	164	306704	20.00	ng		-0.05
63) Phenanthrene-d10	11.35	188	480090	20.00	ng		-0.05
75) Chrysene-d12	13.98	240	388275	20.00	ng		-0.06
86) Perylene-d12	15.40	264	299588	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	817161	85.36	ng		-0.03
7) Phenol-d6	6.47	99	981627	83.30	ng		-0.03
23) Nitrobenzene-d5	7.40	82	620325	59.29	ng		-0.05
41) 2,4,6-Tribromophenol	10.65	330	241368	83.13	ng		-0.05
44) 2-Fluorobiphenyl	9.19	172	1254271	74.05	ng		-0.05
78) Terphenyl-d14	12.94	244	1004549	56.23	ng		-0.05
Target Compounds							Qvalue
9) Benzaldehyde	6.61	77	21575	2.85	ng		96
10) Phenol	6.48	94	62312	4.49	ng		90
19) n-Nitroso-di-n-propylamine	7.40	70	85858	11.56	ng	#	72
25) Isophorone	7.40	82	466169	25.15	ng	#	67
49) Dimethylphthalate	9.59	163	176548	9.51	ng		99
56) 2,4-Dinitrotoluene	9.86	165	39736	7.38	ng	#	34
66) 4-Bromophenyl-phenylether	10.65	248	15887	3.08	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
Data File : BF091487.D
Acq On : 7 Dec 2016 23:30
Operator : UM/SJ
Sample : H5907-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B6-B7-B6A-B7A

Quant Time: Dec 08 00:28:48 2016
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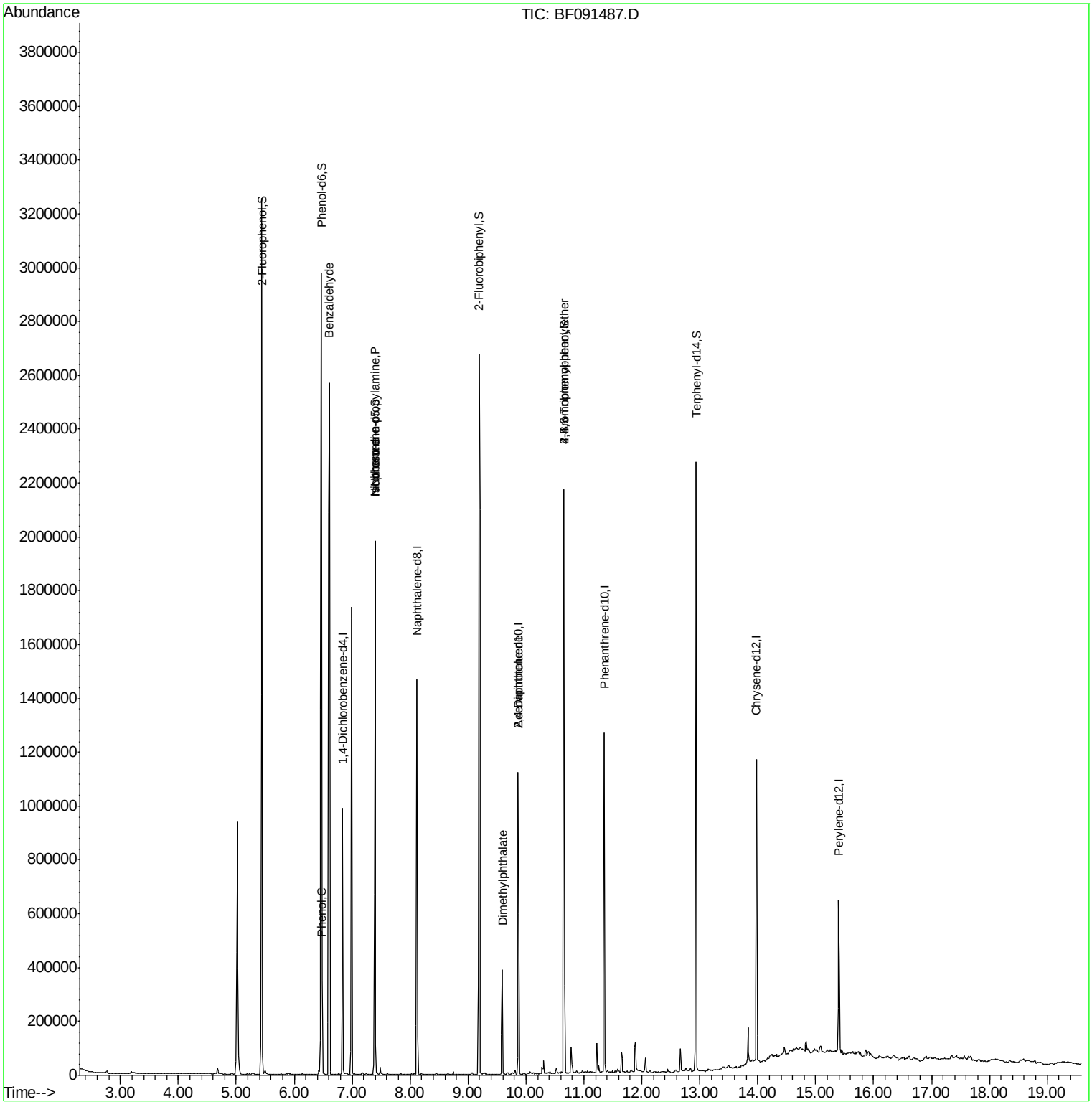
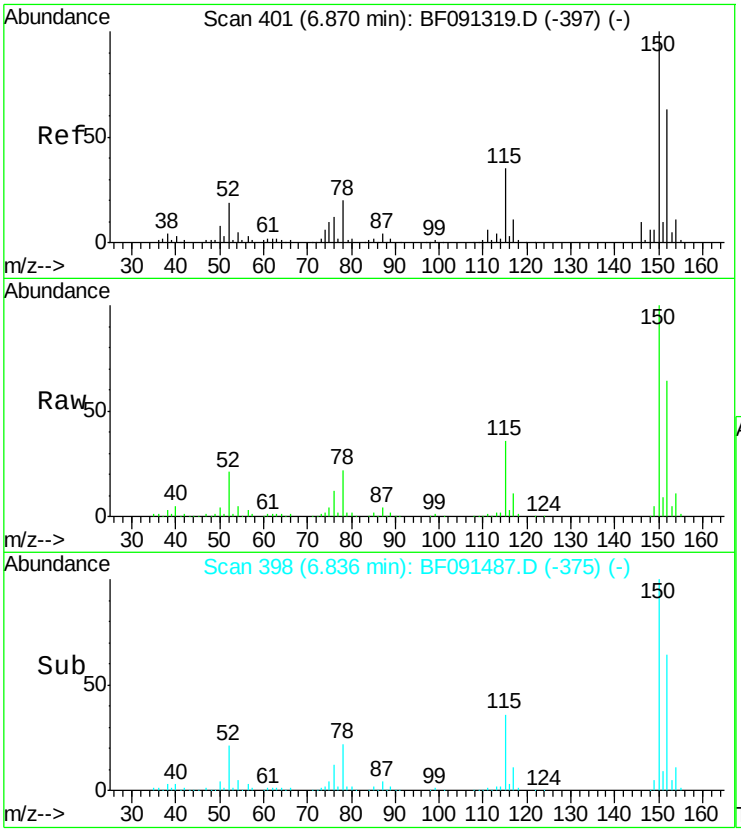
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration



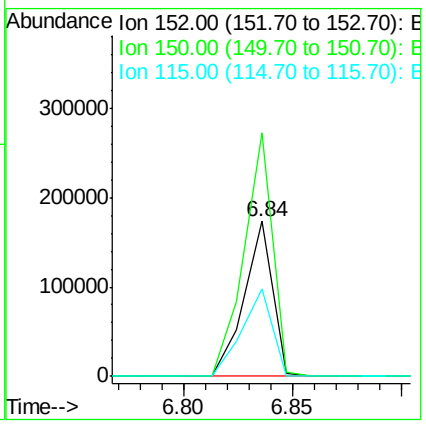


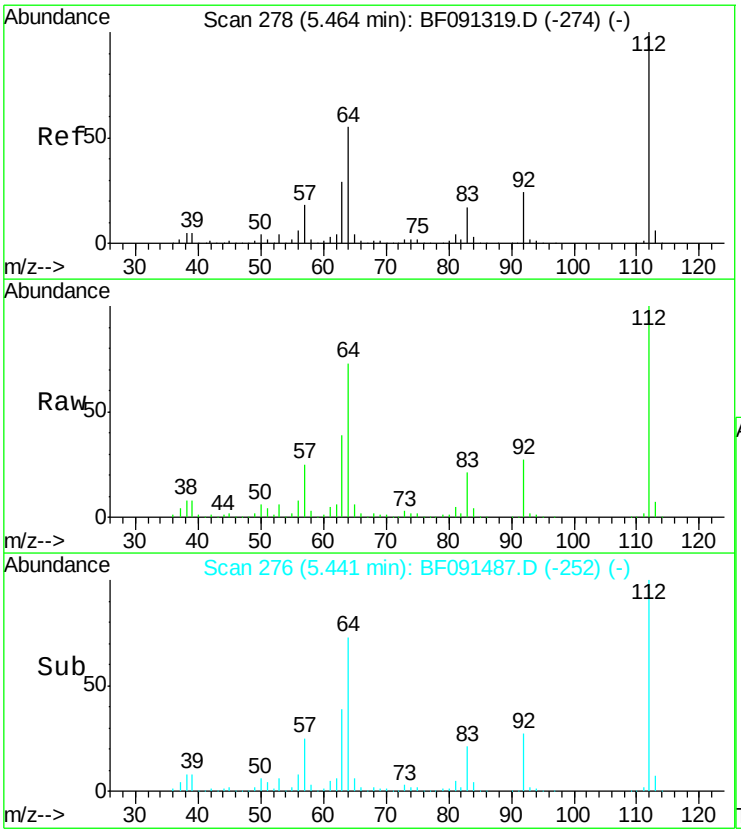
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.04 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B6-B7-B6A-B7A

Tgt Ion:152 Resp: 156383

Ion	Ratio	Lower	Upper
152	100		
150	156.8	122.5	183.7
115	56.6	51.8	77.8

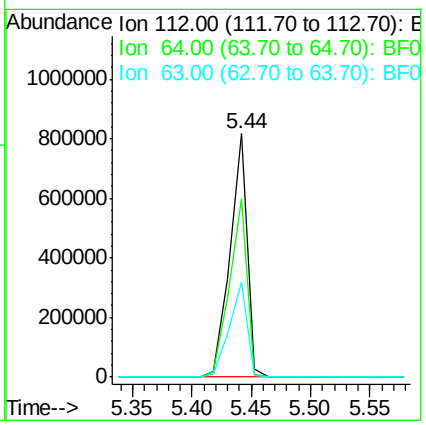


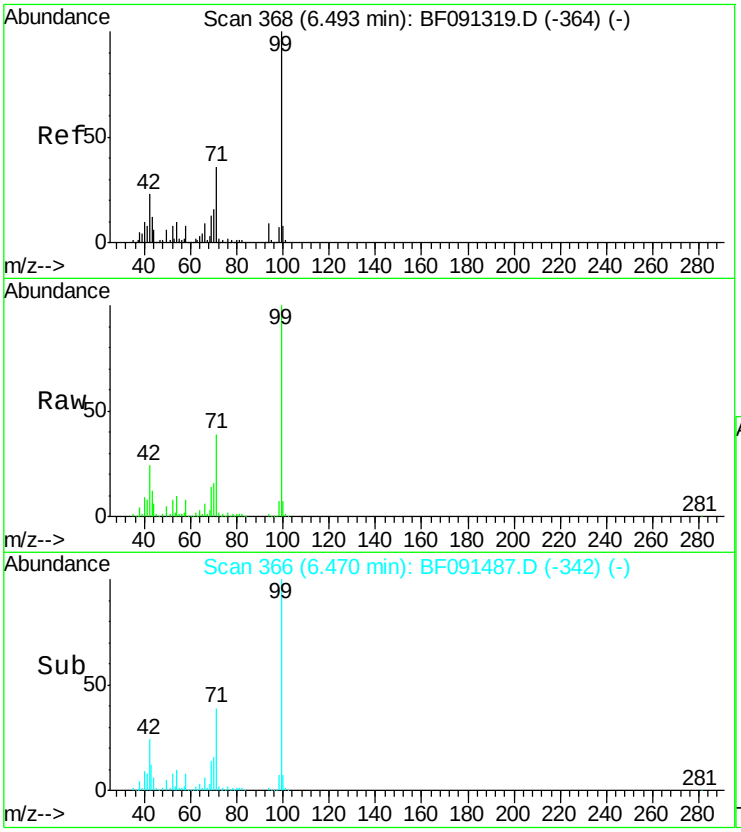


#5
2-Fluorophenol
Concen: 85.36 ng
RT: 5.44 min Scan# 276
Delta R.T. -0.03 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Tgt Ion:112 Resp: 817161

Ion	Ratio	Lower	Upper
112	100		
64	73.4	61.5	92.3
63	39.2	33.3	49.9



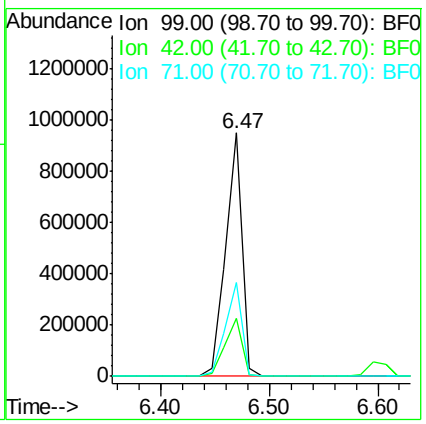


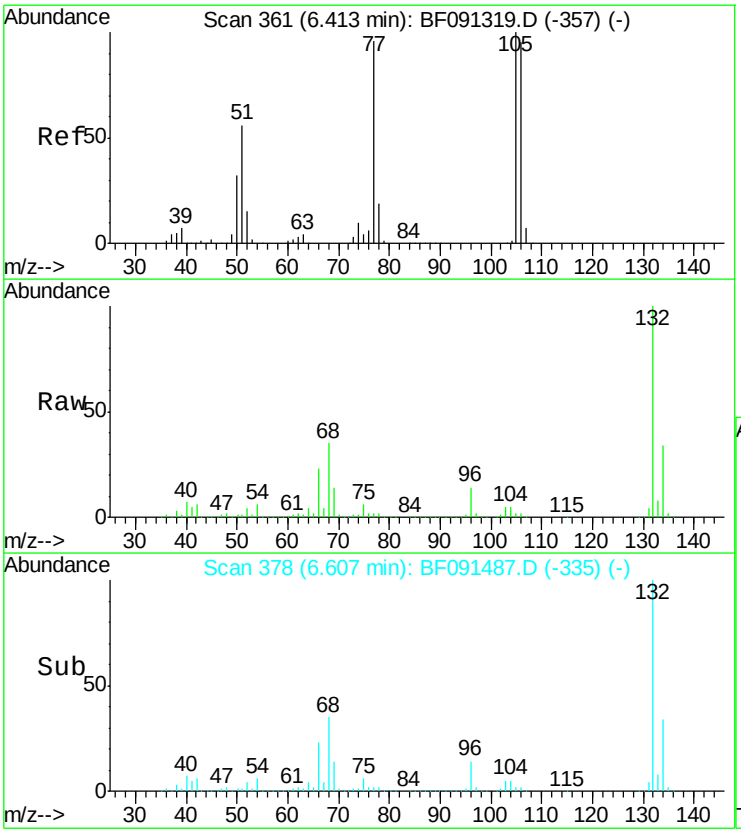
#7
Phenol-d6
Concen: 83.30 ng
RT: 6.47 min Scan# 366
Delta R.T. -0.03 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B6-B7-B6A-B7A

Tgt Ion: 99 Resp: 981627

Ion	Ratio	Lower	Upper
99	100		
42	23.7	20.6	31.0
71	38.7	29.9	44.9

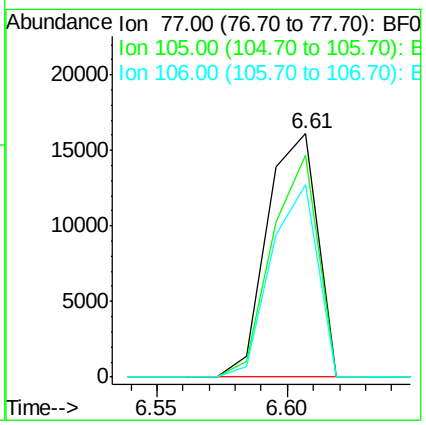


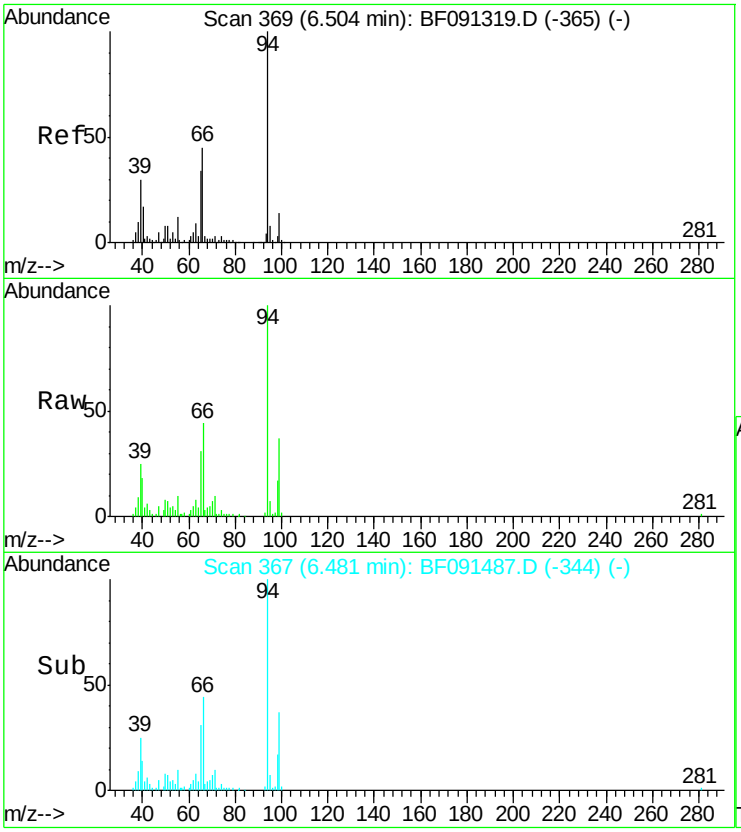


#9
Benzaldehyde
Concen: 2.85 ng
RT: 6.61 min Scan# 378
Delta R.T. 0.19 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Tgt Ion: 77 Resp: 21575

Ion	Ratio	Lower	Upper
77	100		
105	91.3	66.4	106.4
106	79.1	60.9	100.9



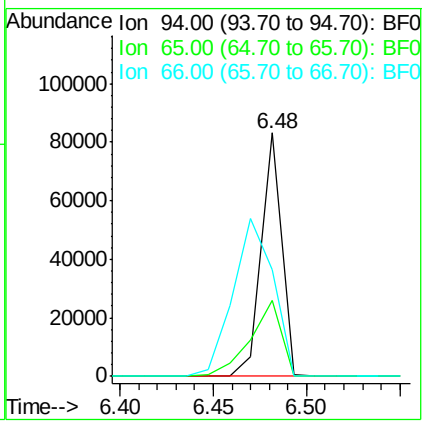


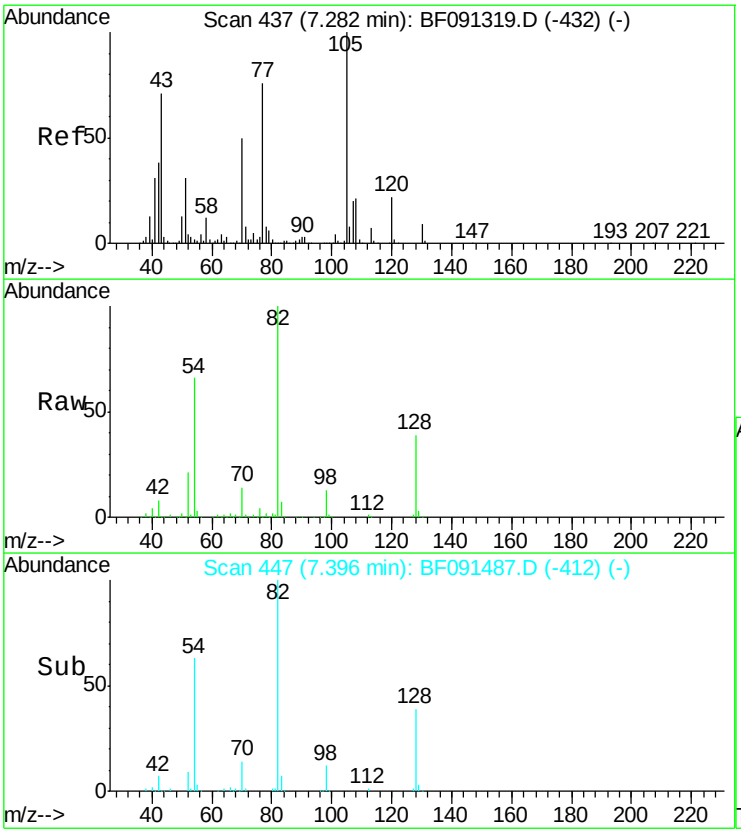
#10
Phenol
Concen: 4.49 ng
RT: 6.48 min Scan# 367
Delta R.T. -0.04 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B6-B7-B6A-B7A

Tgt Ion: 94 Resp: 62312

Ion	Ratio	Lower	Upper
94	100		
65	31.3	16.9	56.9
66	43.7	30.6	70.6

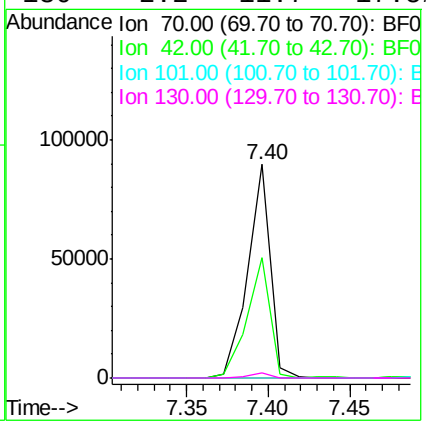


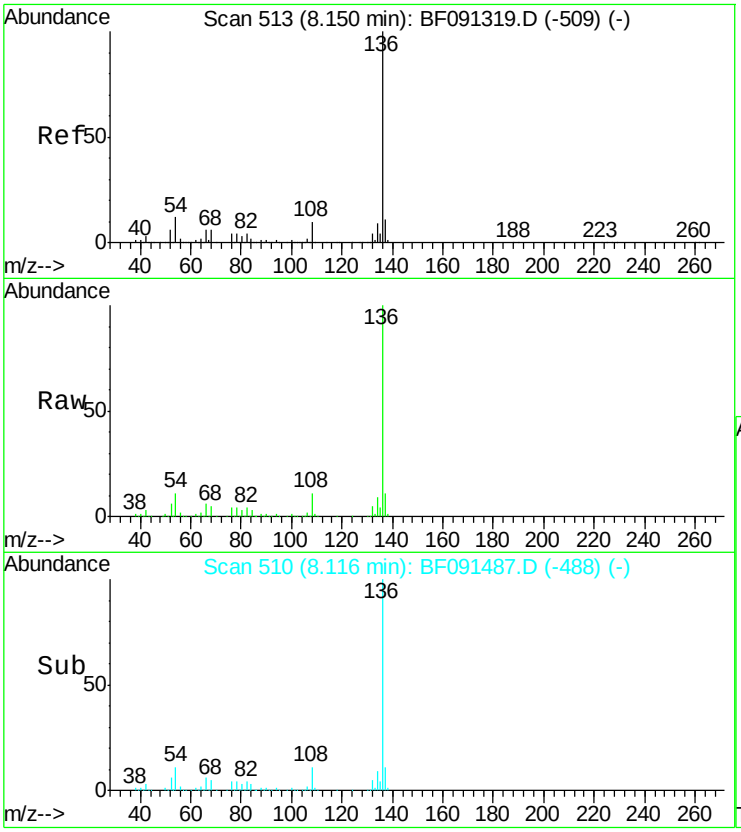


#19
n-Nitroso-di-n-propylamine
Concen: 11.56 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.10 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Tgt Ion: 70 Resp: 85858

Ion	Ratio	Lower	Upper
70	100		
42	56.4	64.8	97.2#
101	0.0	6.2	9.4#
130	2.2	11.7	17.5#



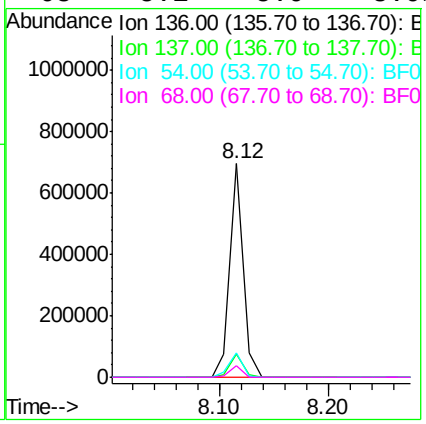


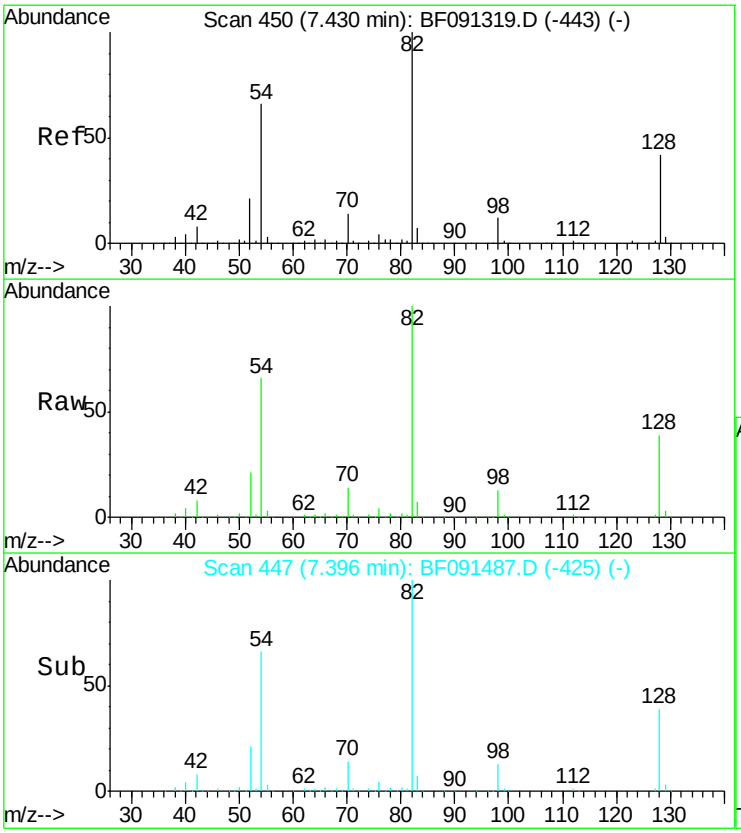
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.05 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B6-B7-B6A-B7A

Tgt Ion:136 Resp: 586331

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	11.5	9.1	13.7
68	5.1	5.9	8.9#

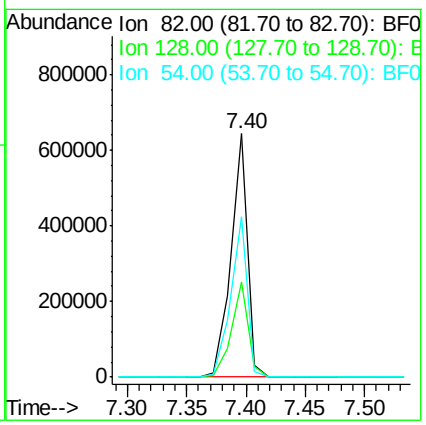


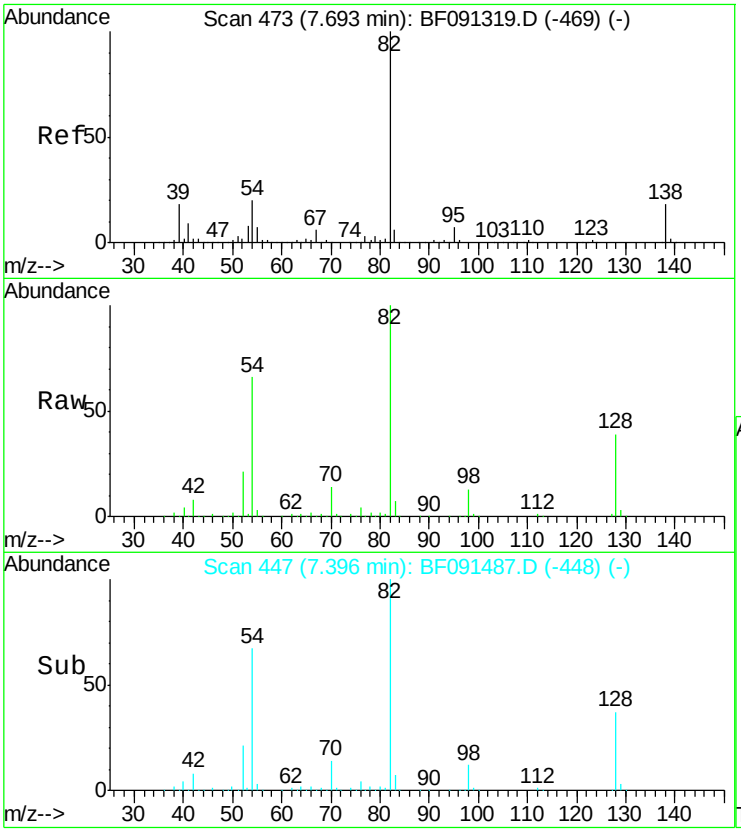


#23
Nitrobenzene-d5
Concen: 59.29 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.05 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Tgt Ion: 82 Resp: 620325

Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.8	47.6
54	66.1	49.1	73.7



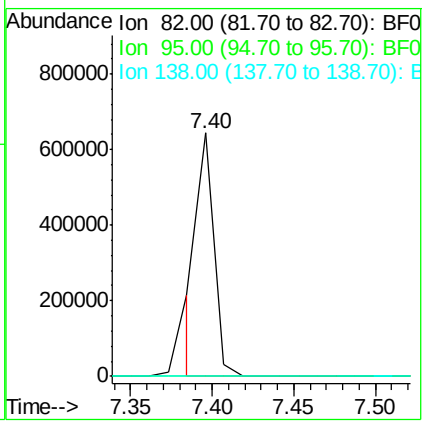


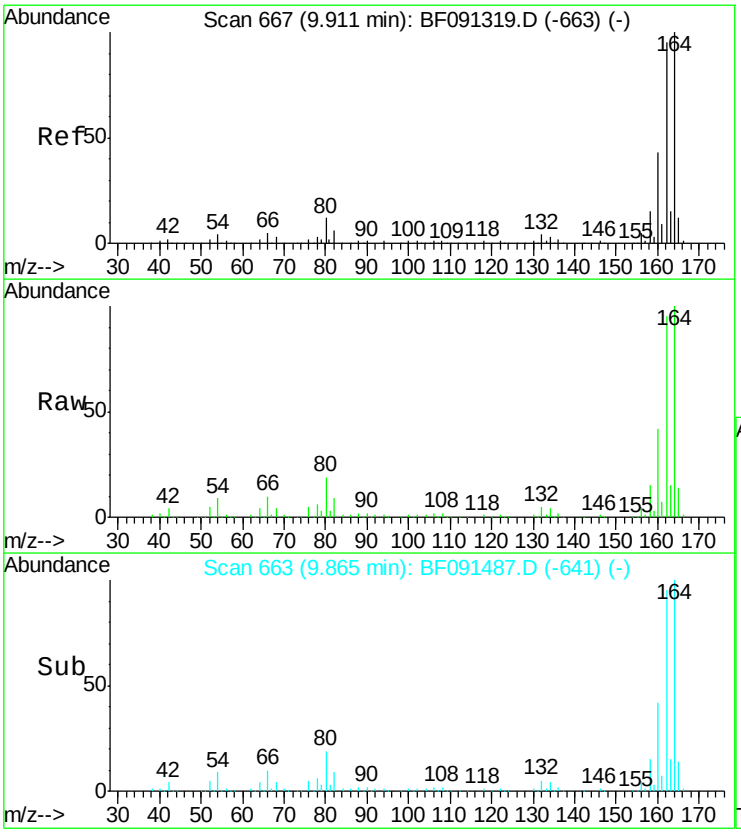
#25
Isophorone
Concen: 25.15 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.31 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B6-B7-B6A-B7A

Tgt Ion: 82 Resp: 466169

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.4	20.0#

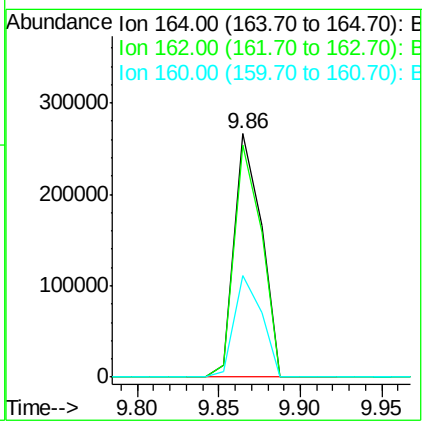


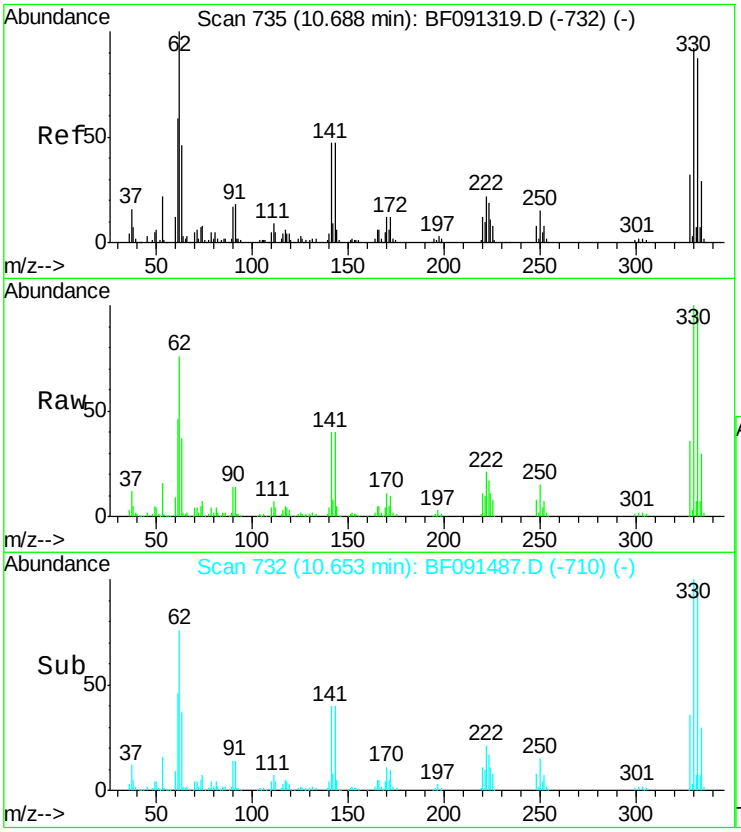


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.05 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Tgt Ion:164 Resp: 306704

Ion	Ratio	Lower	Upper
164	100		
162	95.1	82.6	124.0
160	41.7	36.7	55.1



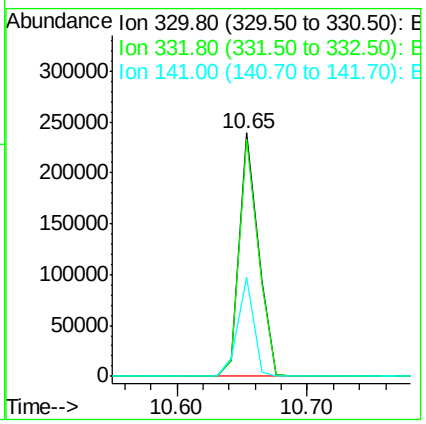


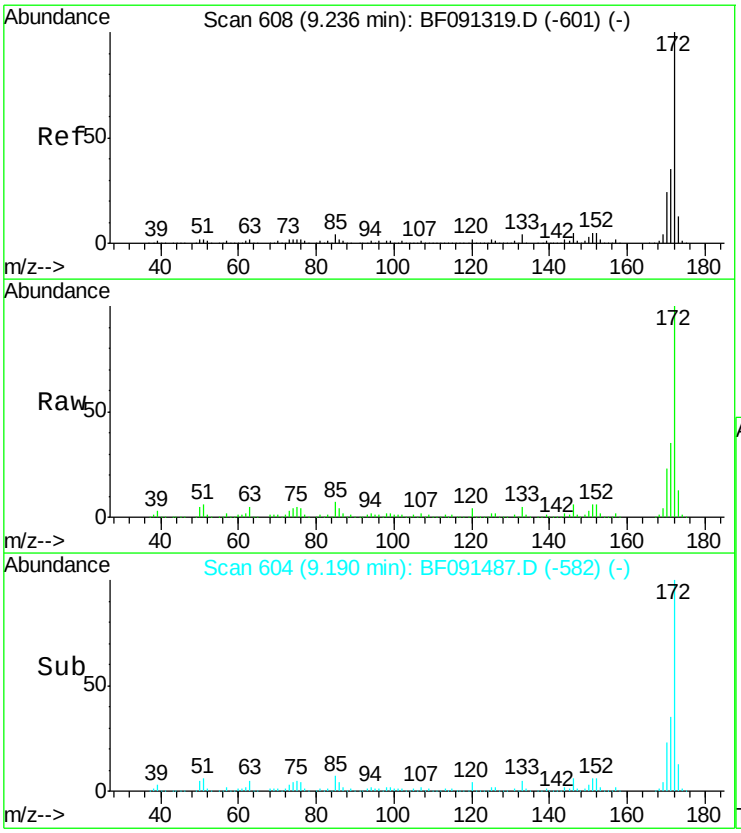
#41
2,4,6-Tribromophenol
Concen: 83.13 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.05 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B6-B7-B6A-B7A

Tgt Ion:330 Resp: 241368

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.2	114.4
141	33.9	33.6	50.4

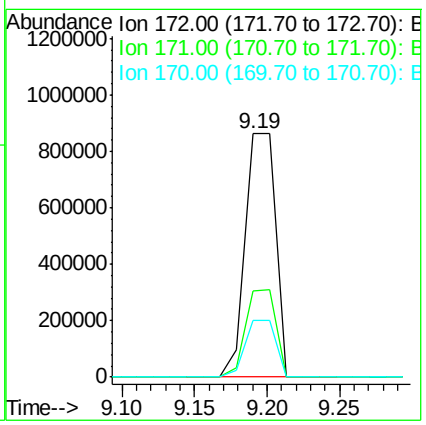


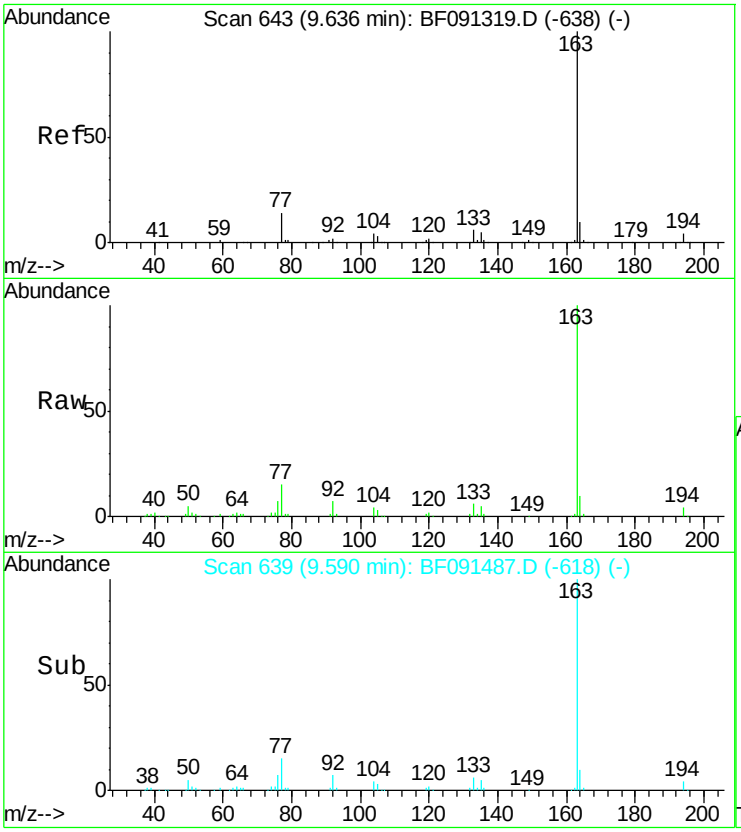


#44
2-Fluorobiphenyl
Concen: 74.05 ng
RT: 9.19 min Scan# 604
Delta R.T. -0.05 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Tgt Ion:172 Resp: 1254271

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	23.5	19.7	29.5



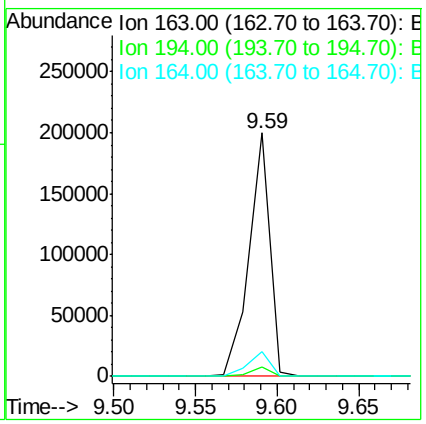


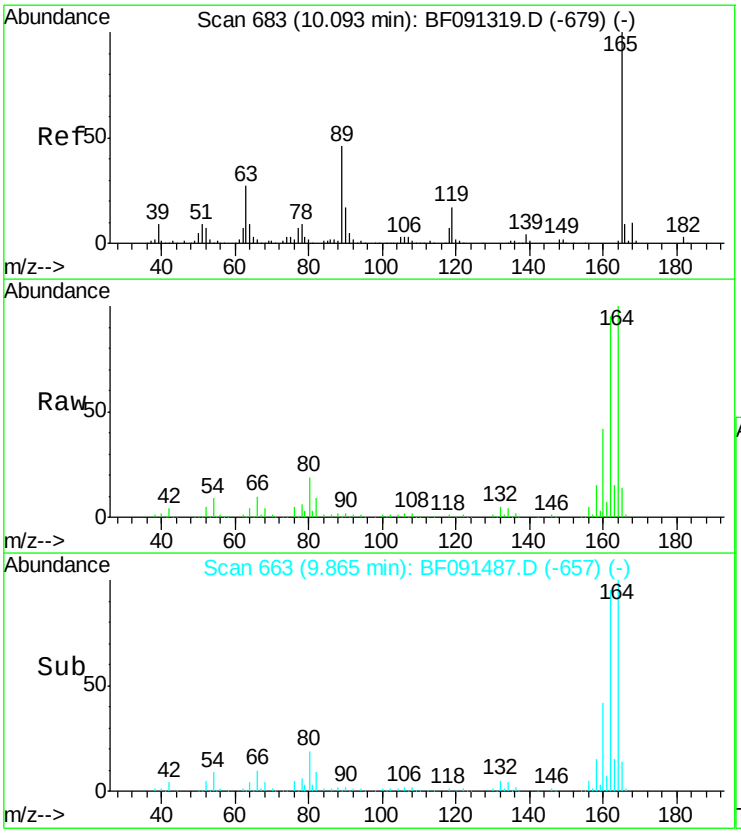
#49
Dimethylphthalate
Concen: 9.51 ng
RT: 9.59 min Scan# 639
Delta R.T. -0.06 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B6-B7-B6A-B7A

Tgt Ion:163 Resp: 176548

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.1	7.8	11.8

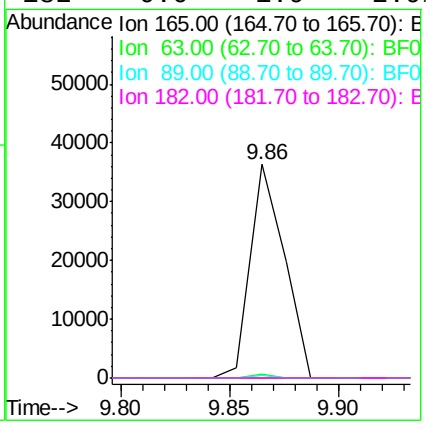


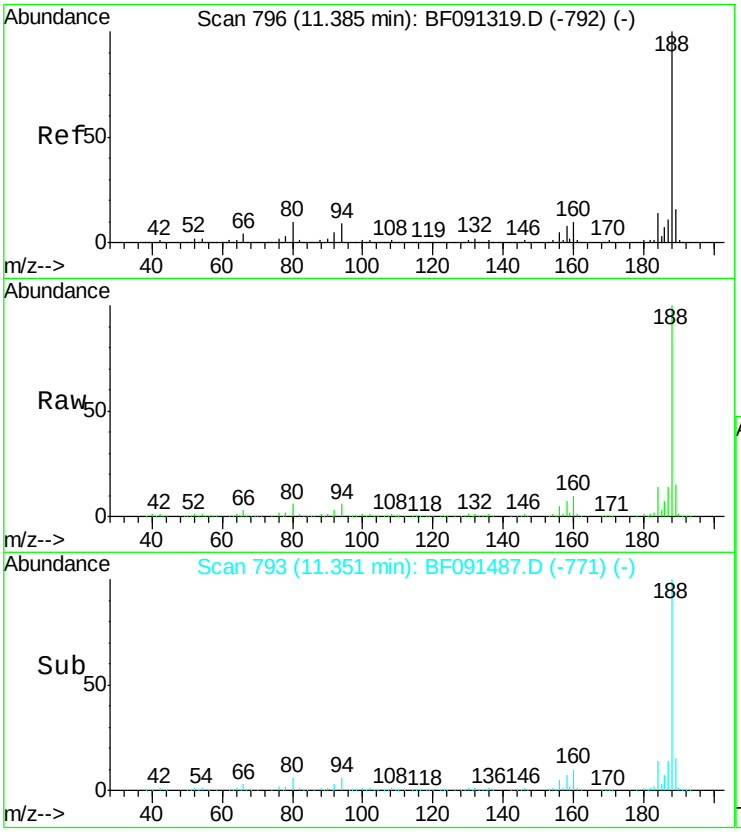


#56
2,4-Dinitrotoluene
Concen: 7.38 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.23 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Tgt Ion:165 Resp: 39736

Ion	Ratio	Lower	Upper
165	100		
63	1.8	29.0	43.4#
89	1.1	43.1	64.7#
182	0.0	1.9	2.9#



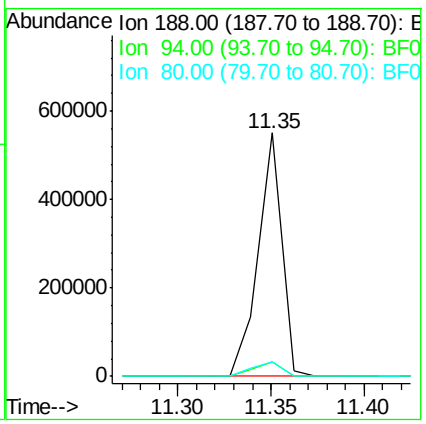


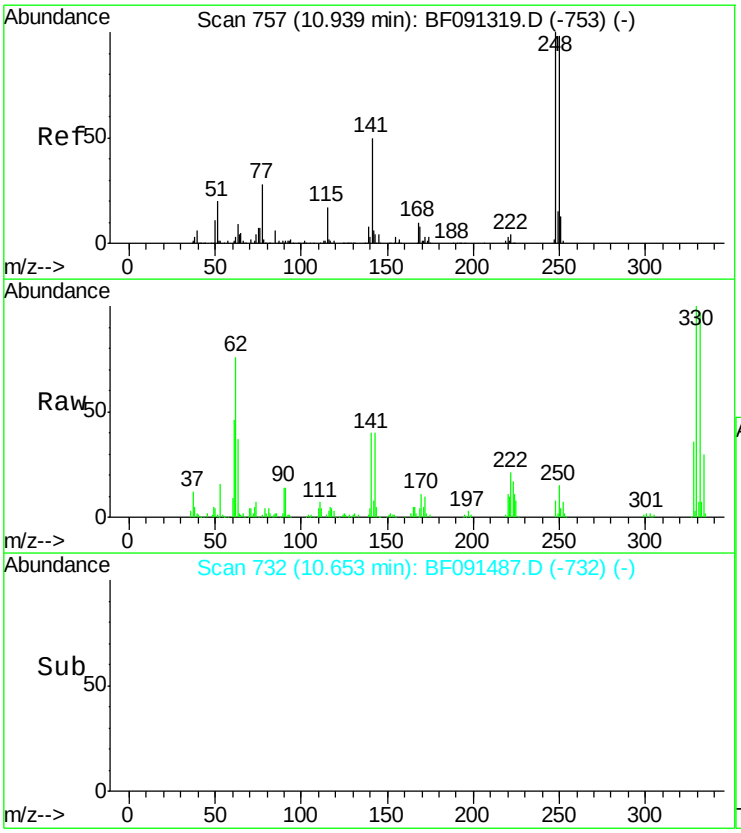
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.05 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B6-B7-B6A-B7A

Tgt Ion:188 Resp: 480090

Ion	Ratio	Lower	Upper
188	100		
94	5.7	9.2	13.8#
80	6.0	10.5	15.7#

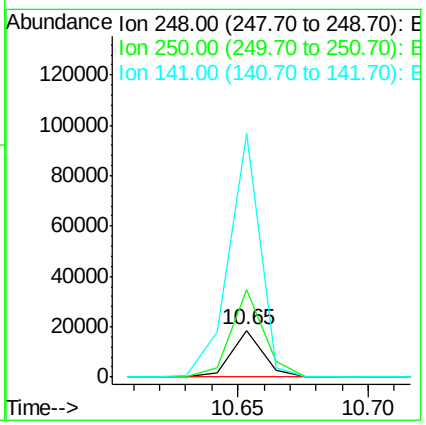


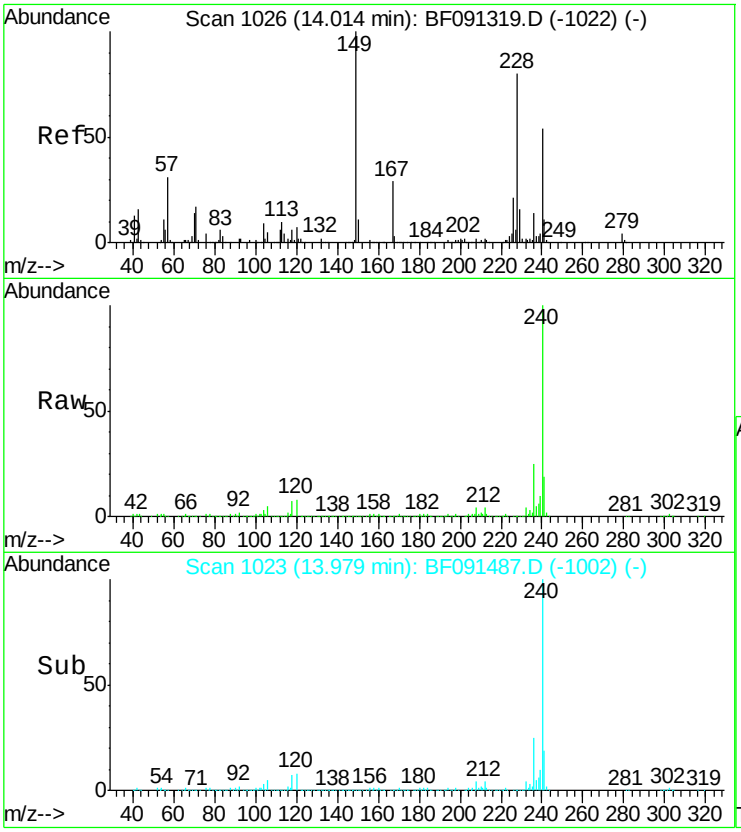


#66
4-Bromophenyl-phenylether
Concen: 3.08 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.30 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Tgt Ion:248 Resp: 15887

Ion	Ratio	Lower	Upper
248	100		
250	187.8	78.2	117.4#
141	519.9	71.9	107.9#



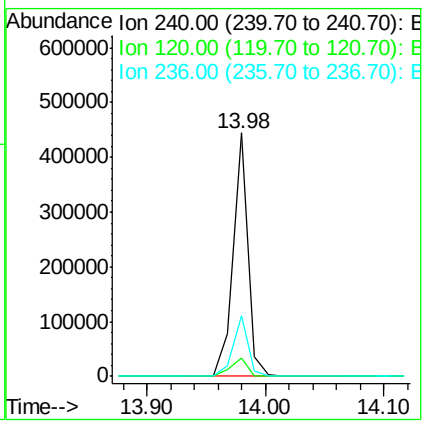


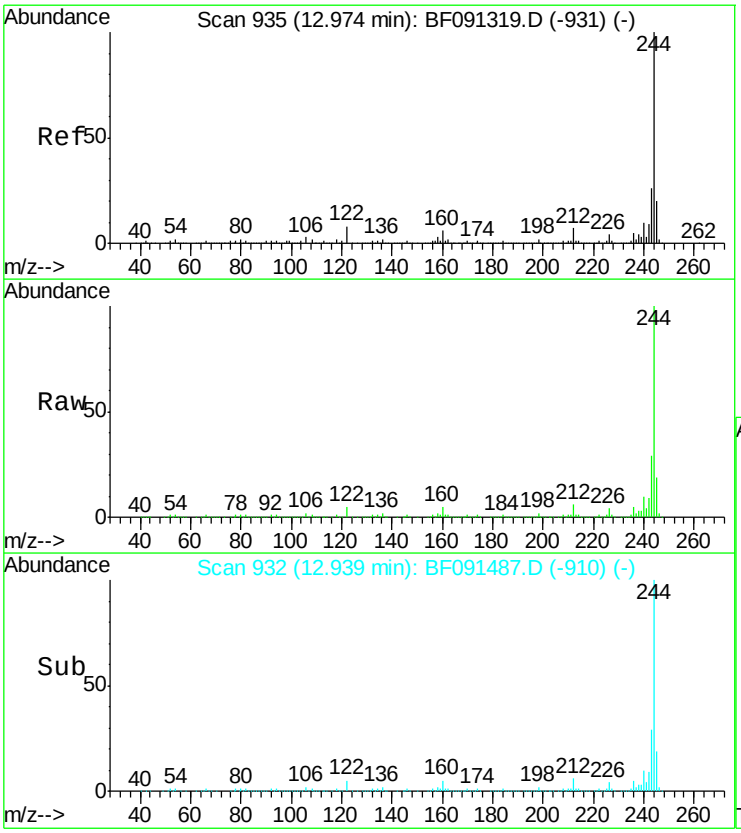
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.06 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B6-B7-B6A-B7A

Tgt Ion:240 Resp: 388275

Ion	Ratio	Lower	Upper
240	100		
120	7.6	12.1	18.1#
236	25.1	21.0	31.6

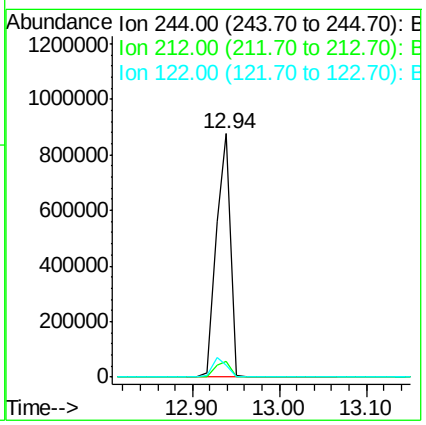


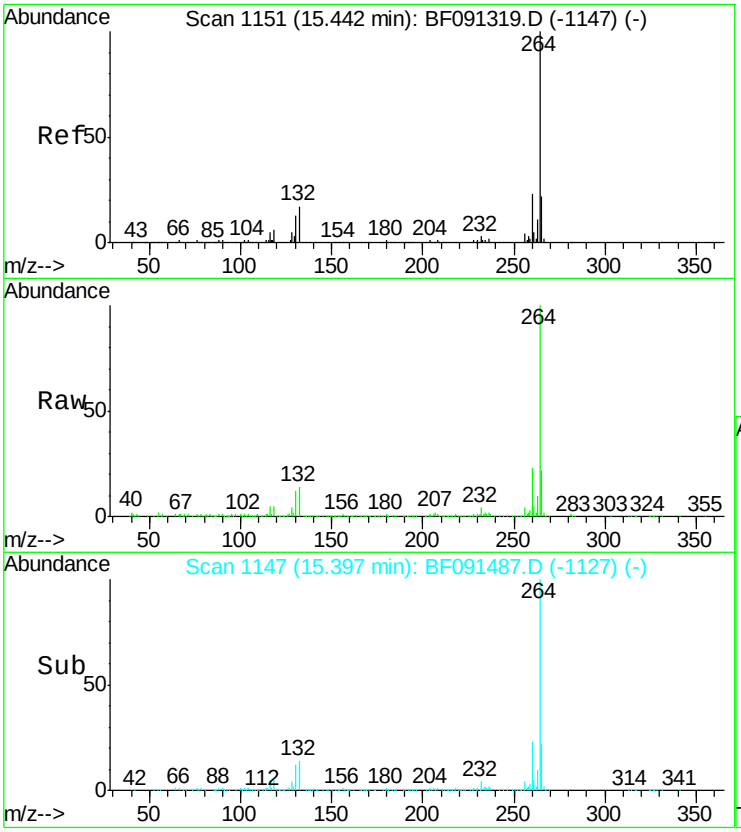


#78
Terphenyl-d14
Concen: 56.23 ng
RT: 12.94 min Scan# 932
Delta R.T. -0.05 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Tgt Ion:244 Resp: 1004549

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.5	9.7#
122	4.9	9.5	14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.07 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B6-B7-B6A-B7A

Tgt Ion:264 Resp: 299588

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	22.0	17.0	25.6