Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
Data File : BF090723.D
Acq On : 21 Oct 2016 21:20
Operator : UM/SJ
Sample : H5342-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BRIDGE-LAYER-STONE

Quant Time: Oct 21 23:26:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	284735	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1203902	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	613493	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	1028565	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	788979	20.00	ng	0.00
86) Perylene-d12	15.45	264	515990	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1791775	101.49	ng	0.01
7) Phenol-d6	6.50	99	2444875	102.24	ng	0.00
23) Nitrobenzene-d5	7.42	82	1634387	74.46	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	620332	127.75	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2352789	59.53	ng	-0.01
78) Terphenyl-d14	12.97	244	2390978	69.45	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	217571	12.22	ng	# 52
49) Dimethylphthalate	9.62	163	671461	17.42	ng	# 97
56) 2,4-Dinitrotoluene	9.89	165	79626	7.86	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	1259	4.35	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	39015	3.91	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
Data File : BF090723.D
Acq On : 21 Oct 2016 21:20
Operator : UM/SJ
Sample : H5342-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Time: Oct 21 23:26:37 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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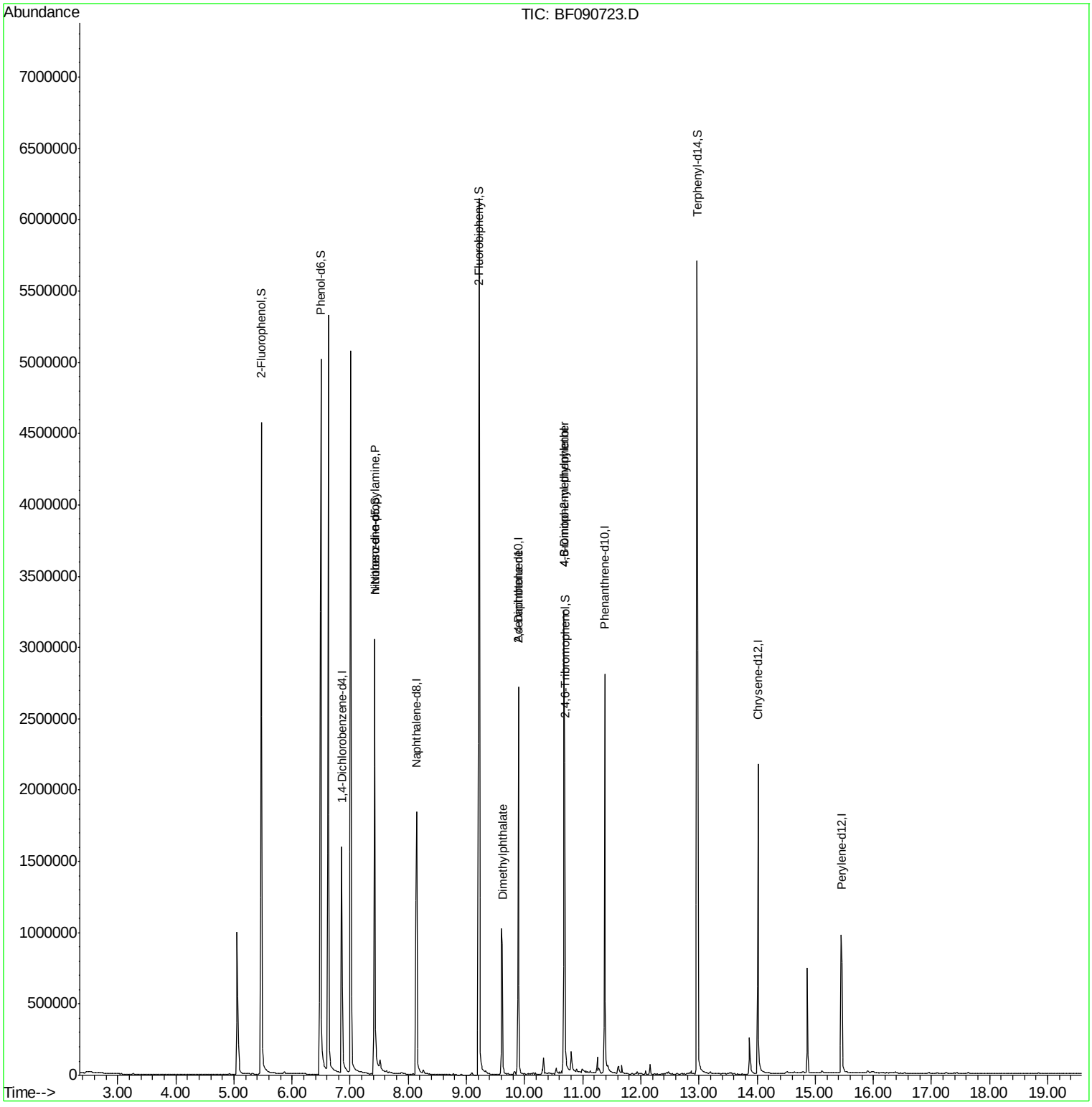
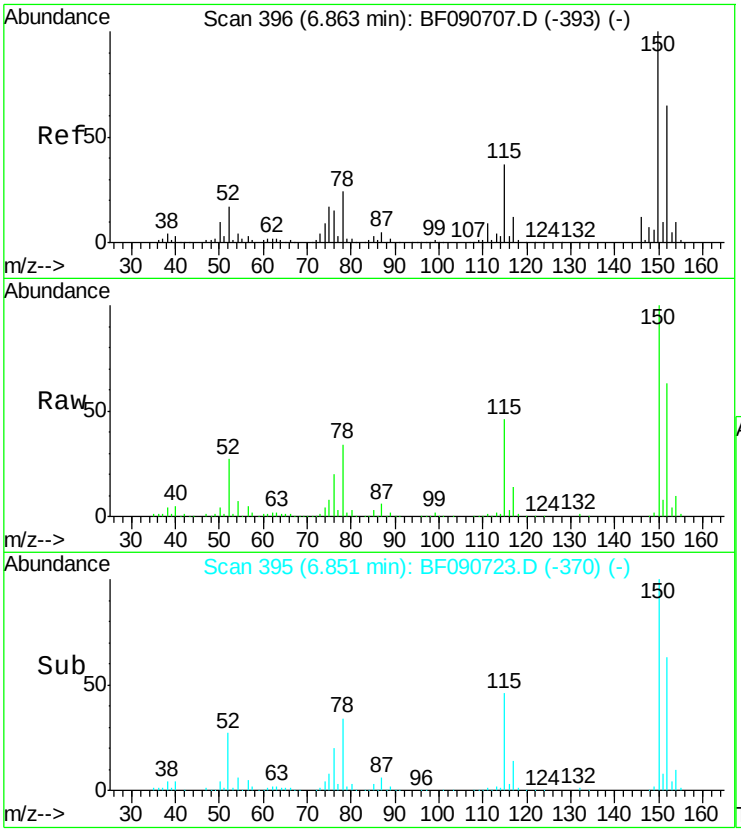


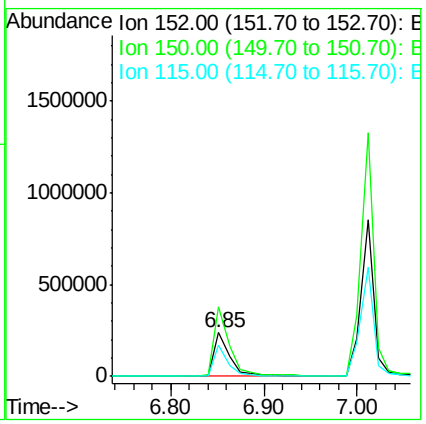


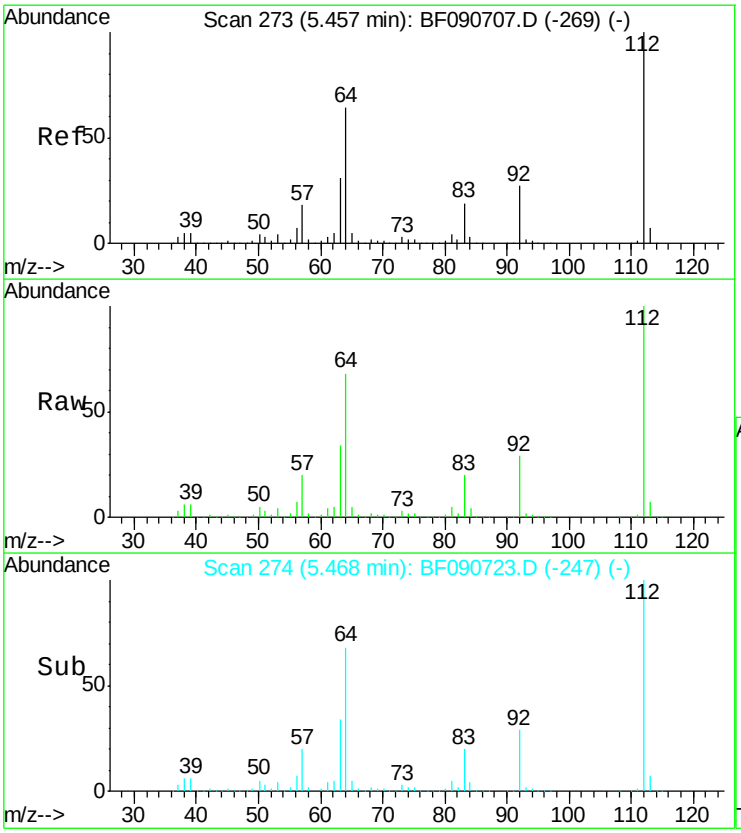
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090723.D
Acq: 21 Oct 2016 21:20

Instrument :
BNA_F
ClientSampleId :
BRIDGE-LAYER-STONE

Tgt Ion:152 Resp: 284735

Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.7	187.1
115	72.2	39.0	58.4#

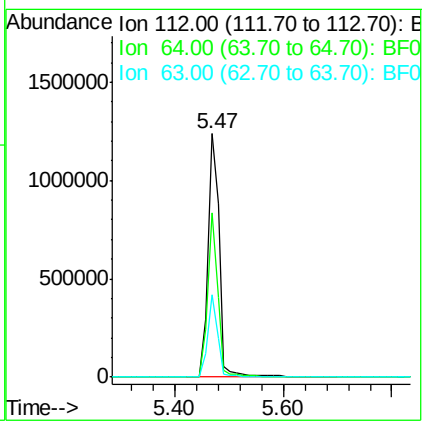


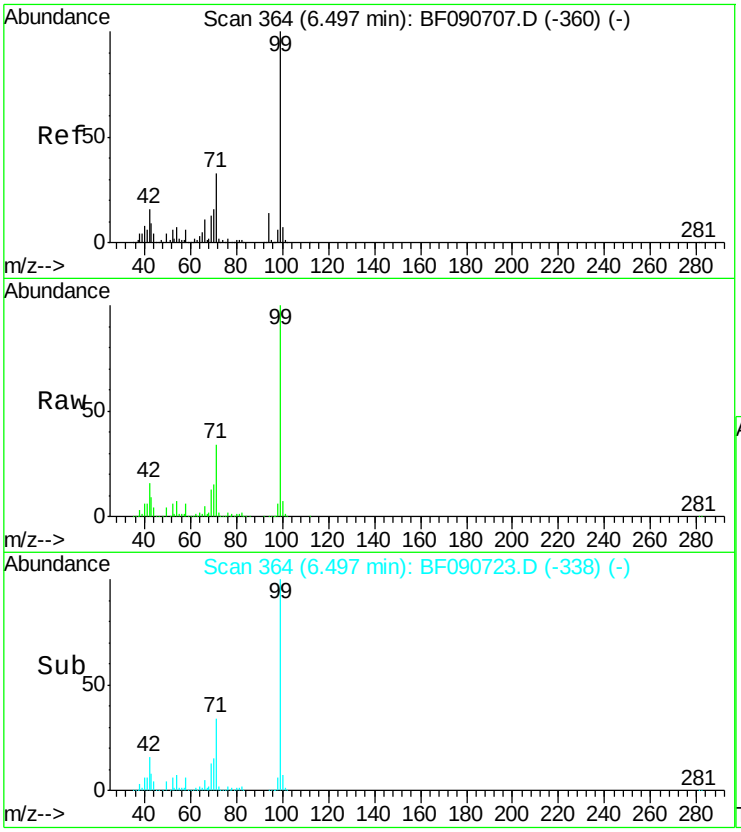


#5
2-Fluorophenol
Concen: 101.49 ng
RT: 5.47 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF090723.D
Acq: 21 Oct 2016 21:20

Tgt Ion:112 Resp: 1791775

Ion	Ratio	Lower	Upper
112	100		
64	67.6	39.7	59.5#
63	33.6	17.4	26.0#



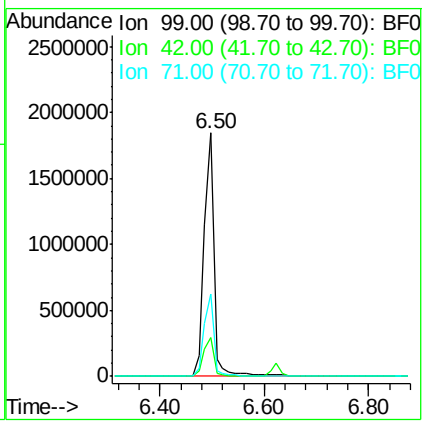


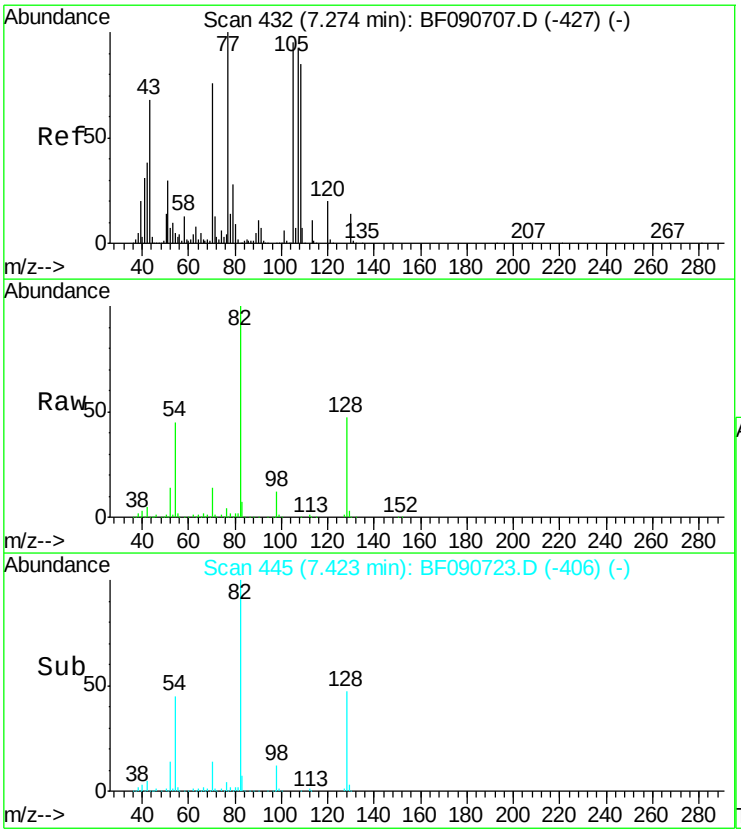
#7
Phenol-d6
Concen: 102.24 ng
RT: 6.50 min Scan# 364
Delta R.T. 0.00 min
Lab File: BF090723.D
Acq: 21 Oct 2016 21:20

Instrument :
BNA_F
ClientSampleId :
BRIDGE-LAYER-STONE

Tgt Ion: 99 Resp: 2444875

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.7	20.5
71	33.8	14.2	21.2#

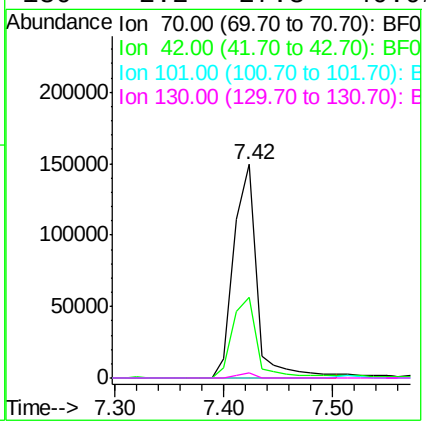


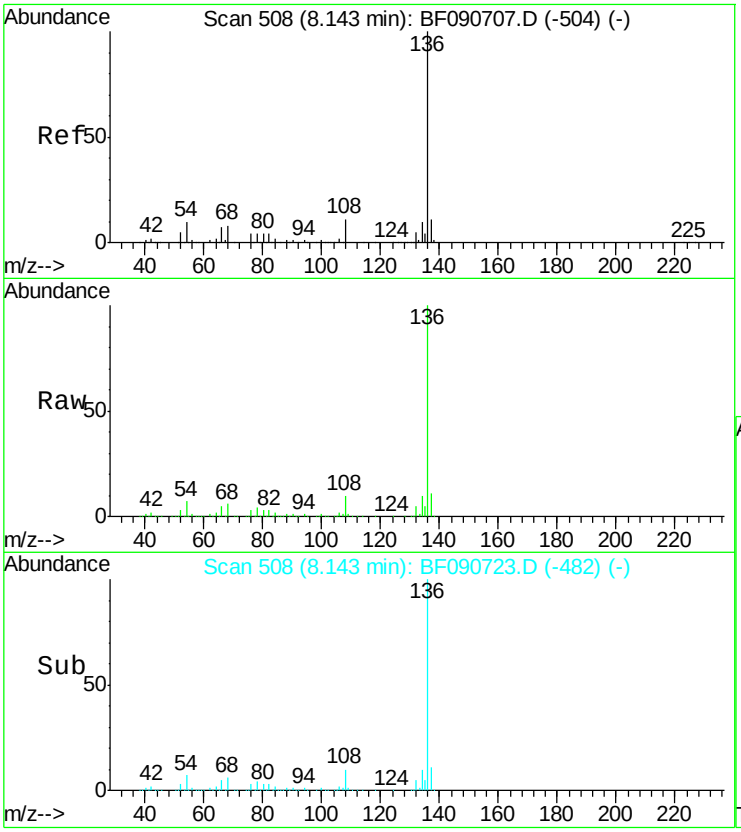


#19
n-Nitroso-di-n-propylamine
Concen: 12.22 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.15 min
Lab File: BF090723.D
Acq: 21 Oct 2016 21:20

Tgt Ion: 70 Resp: 217571

Ion	Ratio	Lower	Upper
70	100		
42	37.7	63.8	95.6#
101	0.0	9.2	13.8#
130	2.2	27.3	40.9#



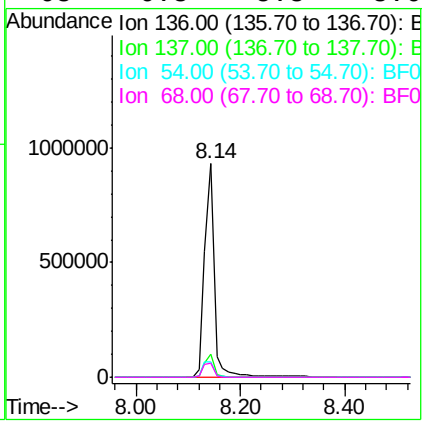


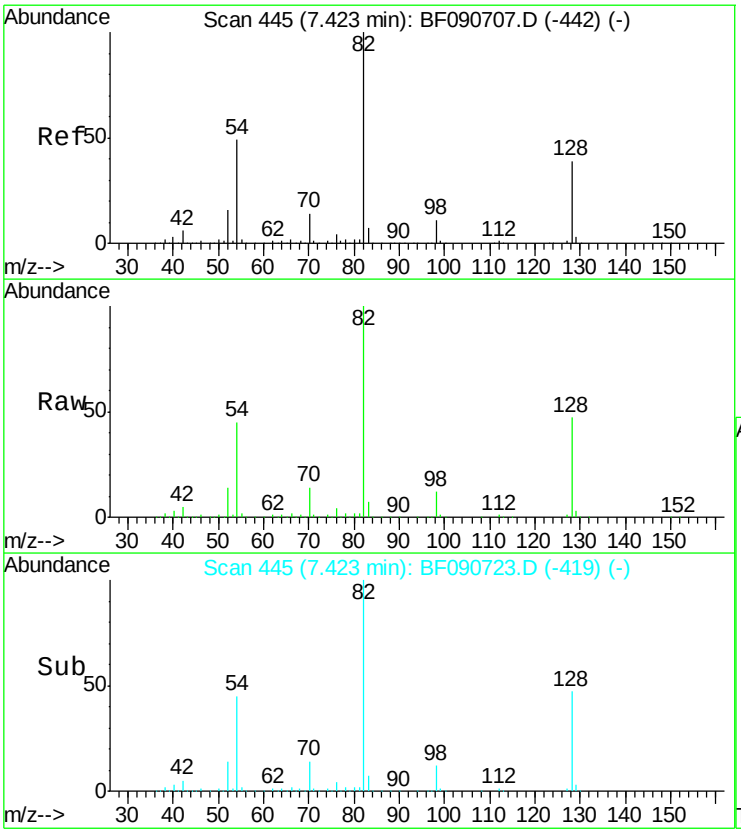
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF090723.D
Acq: 21 Oct 2016 21:20

Instrument :
BNA_F
ClientSampleId :
BRIDGE-LAYER-STONE

Tgt Ion:136 Resp: 1203902

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	7.2	8.2	12.2#
68	6.3	5.8	8.6

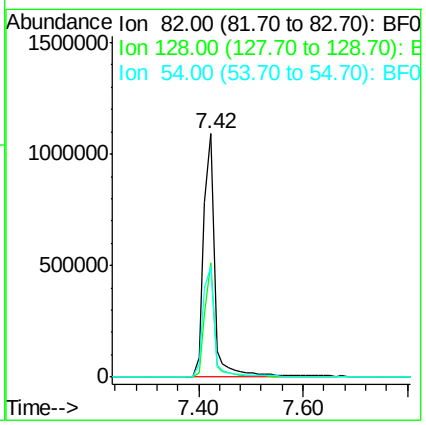


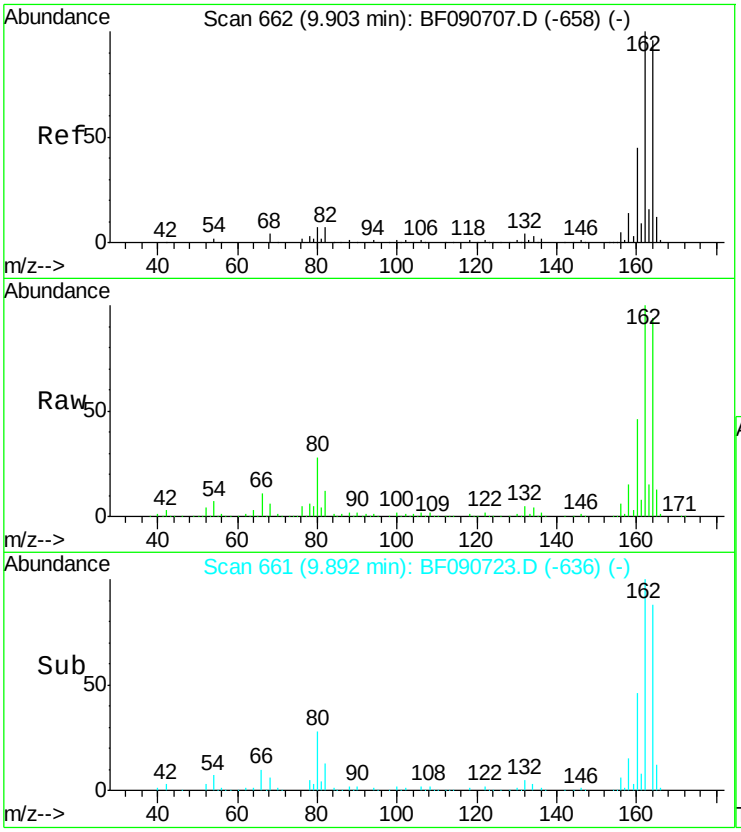


#23
Nitrobenzene-d5
Concen: 74.46 ng
RT: 7.42 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF090723.D
Acq: 21 Oct 2016 21:20

Tgt Ion: 82 Resp: 1634387

Ion	Ratio	Lower	Upper
82	100		
128	47.1	51.0	76.6#
54	45.4	47.5	71.3#



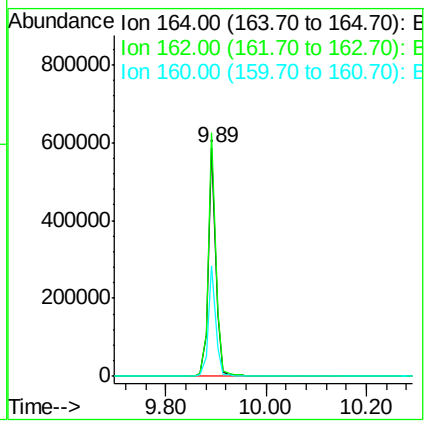


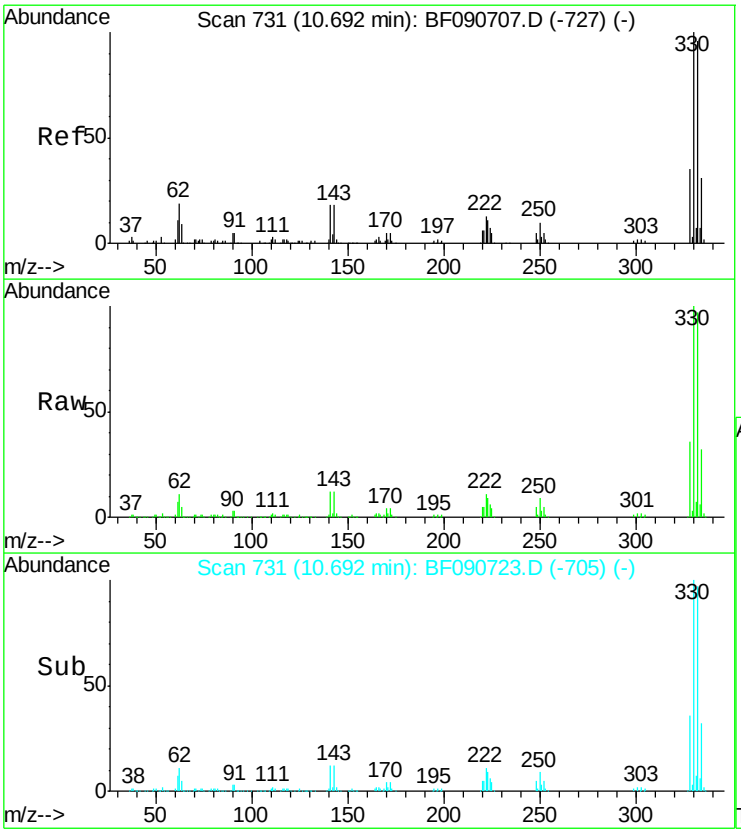
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF090723.D
Acq: 21 Oct 2016 21:20

Instrument :
BNA_F
ClientSampleId :
BRIDGE-LAYER-STONE

Tgt Ion:164 Resp: 613493

Ion	Ratio	Lower	Upper
164	100		
162	106.5	75.2	112.8
160	48.5	31.5	47.3#

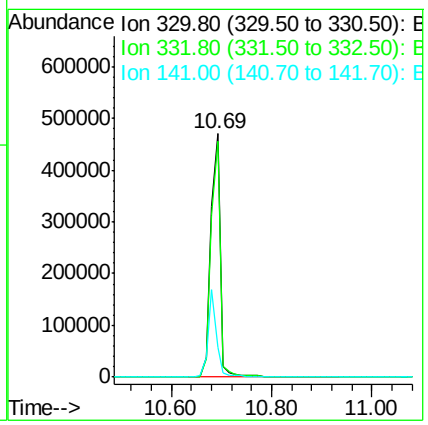


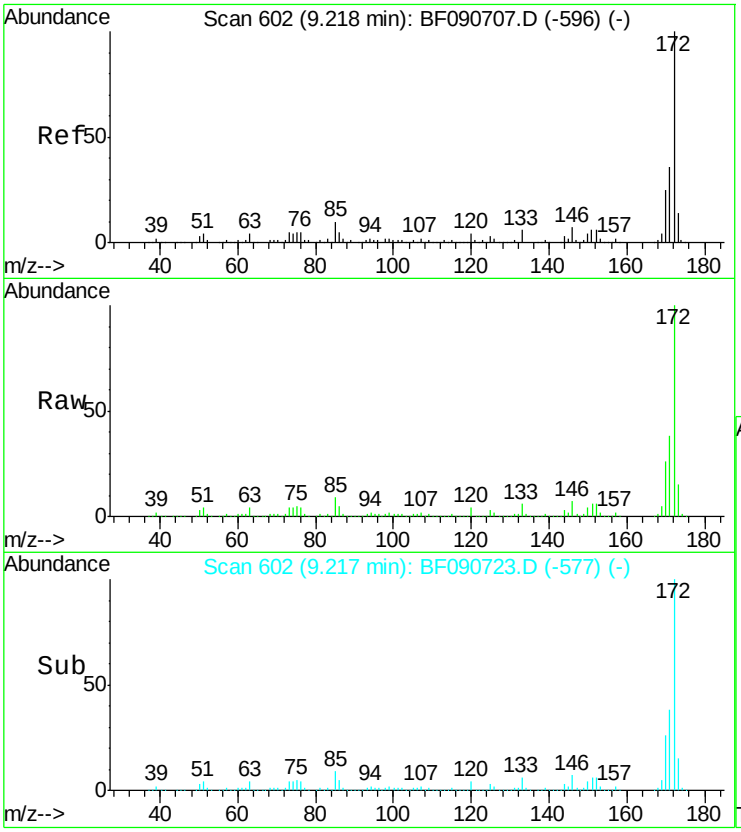


#41
2,4,6-Tribromophenol
Concen: 127.75 ng
RT: 10.69 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF090723.D
Acq: 21 Oct 2016 21:20

Tgt Ion:330 Resp: 620332

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	114.8
141	33.0	29.7	44.5



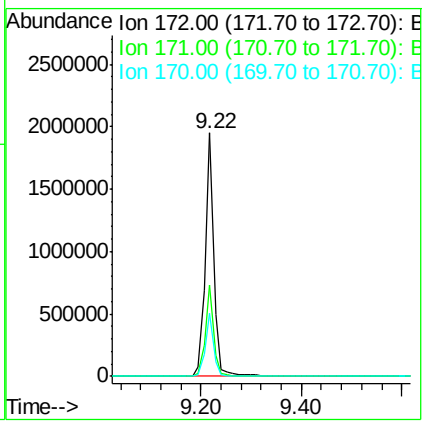


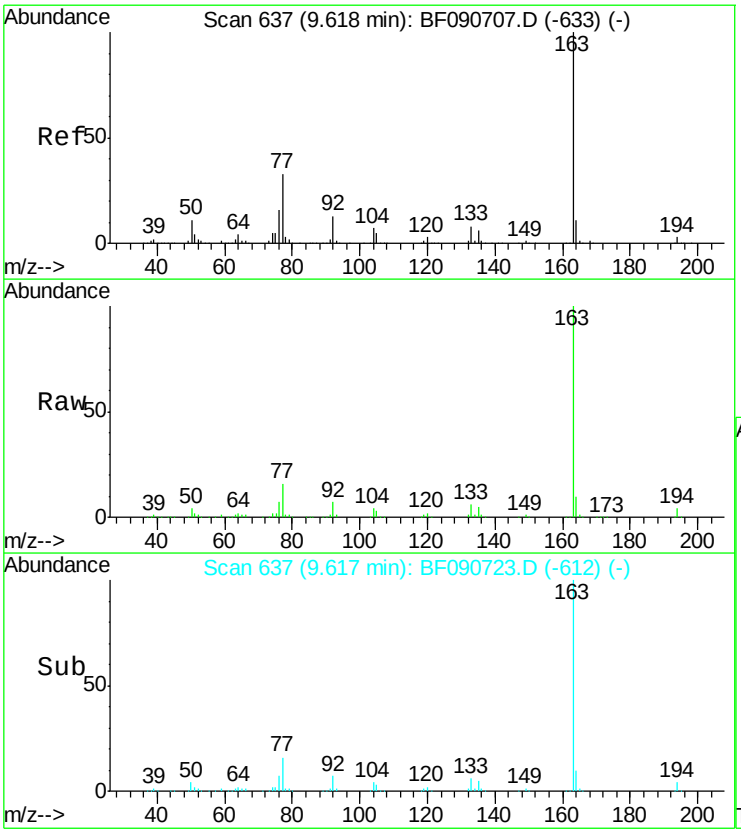
#44
2-Fluorobiphenyl
Concen: 59.53 ng
RT: 9.22 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF090723.D
Acq: 21 Oct 2016 21:20

Instrument :
BNA_F
ClientSampleId :
BRIDGE-LAYER-STONE

Tgt Ion:172 Resp: 2352789

Ion	Ratio	Lower	Upper
172	100		
171	37.6	26.1	39.1
170	25.8	17.4	26.2

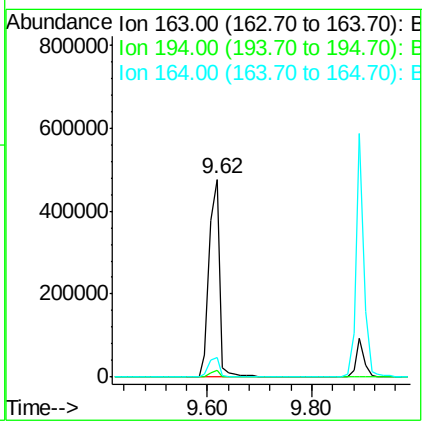


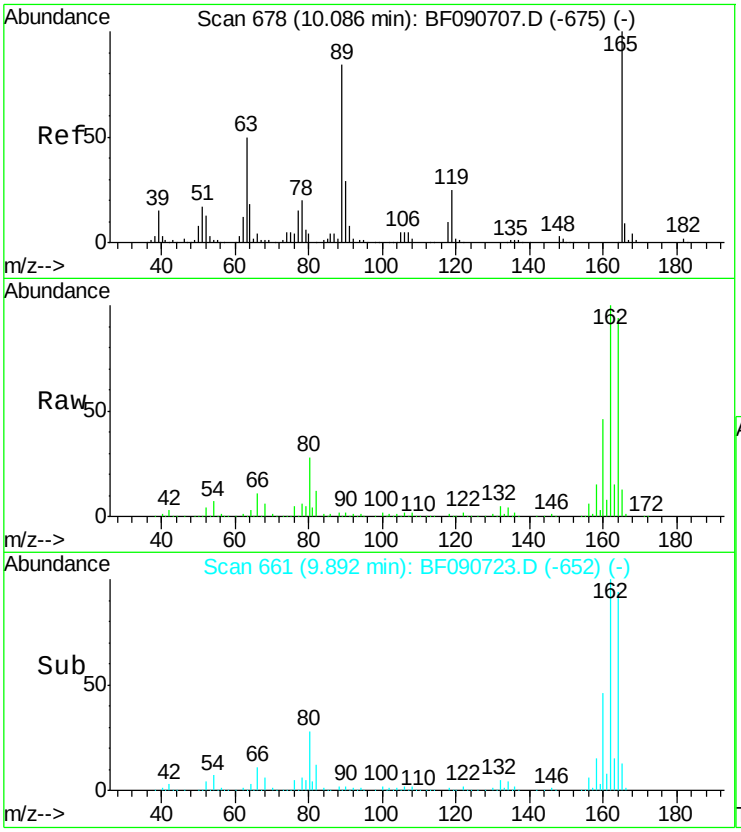


#49
Dimethylphthalate
Concen: 17.42 ng
RT: 9.62 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF090723.D
Acq: 21 Oct 2016 21:20

Tgt Ion:163 Resp: 671461

Ion	Ratio	Lower	Upper
163	100		
194	3.7	4.4	6.6#
164	9.7	8.3	12.5



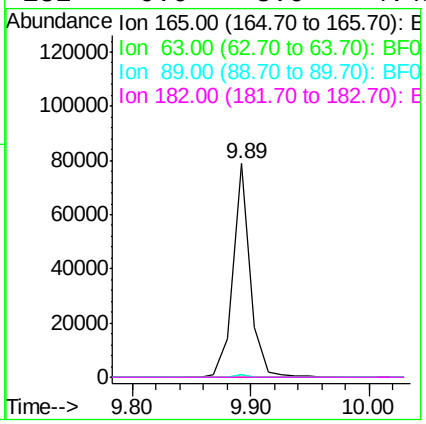


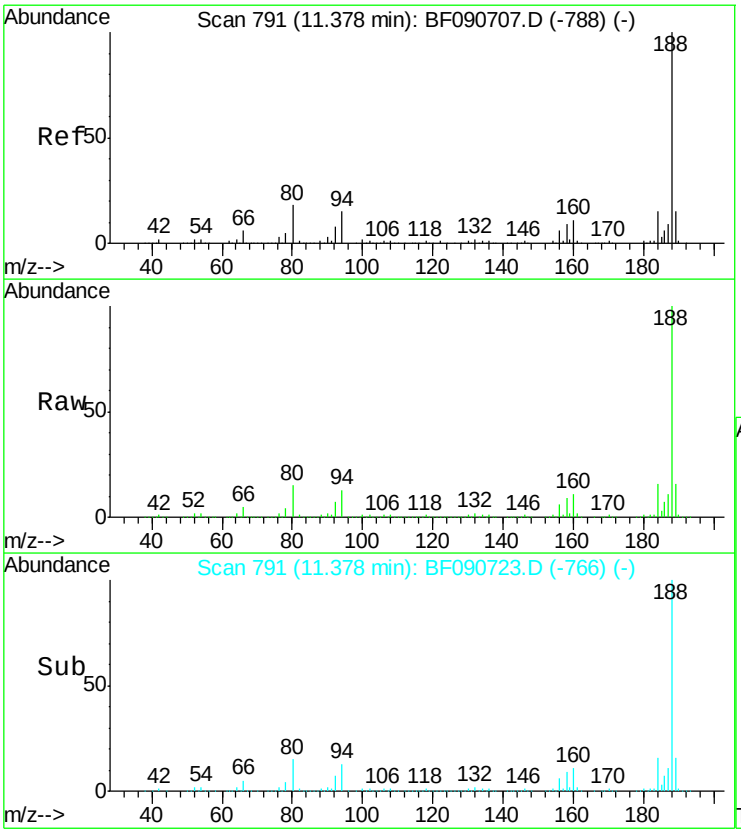
#56
2,4-Dinitrotoluene
Concen: 7.86 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.19 min
Lab File: BF090723.D
Acq: 21 Oct 2016 21:20

Instrument :
BNA_F
ClientSampleId :
BRIDGE-LAYER-STONE

Tgt Ion:165 Resp: 79626

Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.8	44.6#
89	1.2	44.5	66.7#
182	0.0	3.0	4.4#

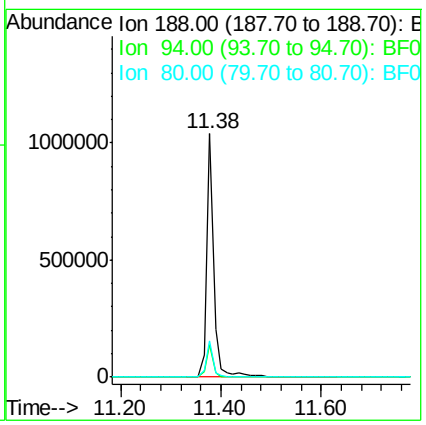


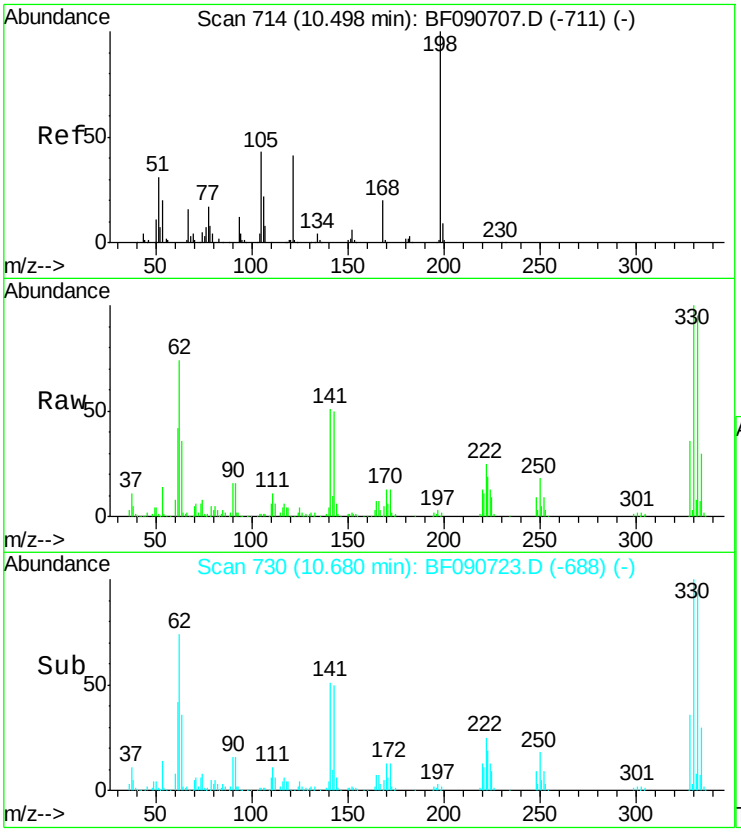


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090723.D
Acq: 21 Oct 2016 21:20

Tgt Ion:188 Resp: 1028565

Ion	Ratio	Lower	Upper
188	100		
94	13.3	11.1	16.7
80	14.8	11.0	16.4



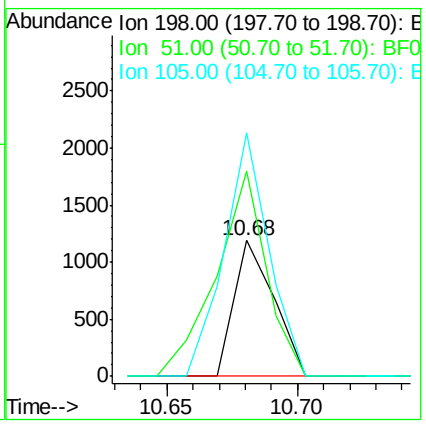


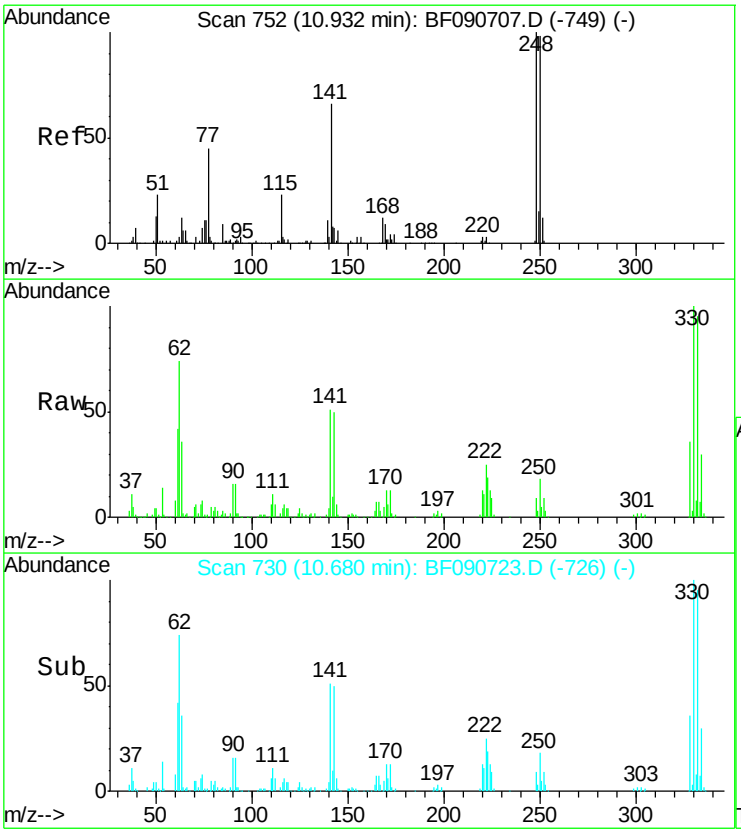
#64
4,6-Dinitro-2-methylphenol
Concen: 4.35 ng
RT: 10.68 min Scan# 730
Delta R.T. 0.18 min
Lab File: BF090723.D
Acq: 21 Oct 2016 21:20

Instrument :
BNA_F
ClientSampleId :
BRIDGE-LAYER-STONE

Tgt Ion:198 Resp: 1259

Ion	Ratio	Lower	Upper
198	100		
51	151.7	39.6	79.6#
105	179.7	28.5	68.5#

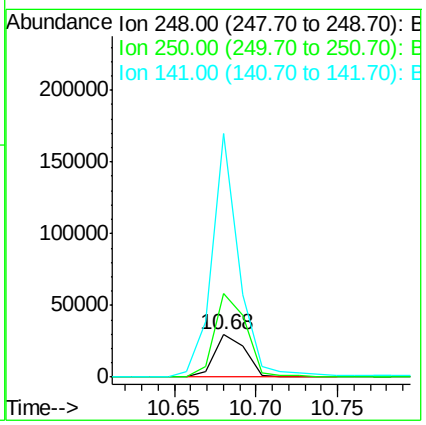


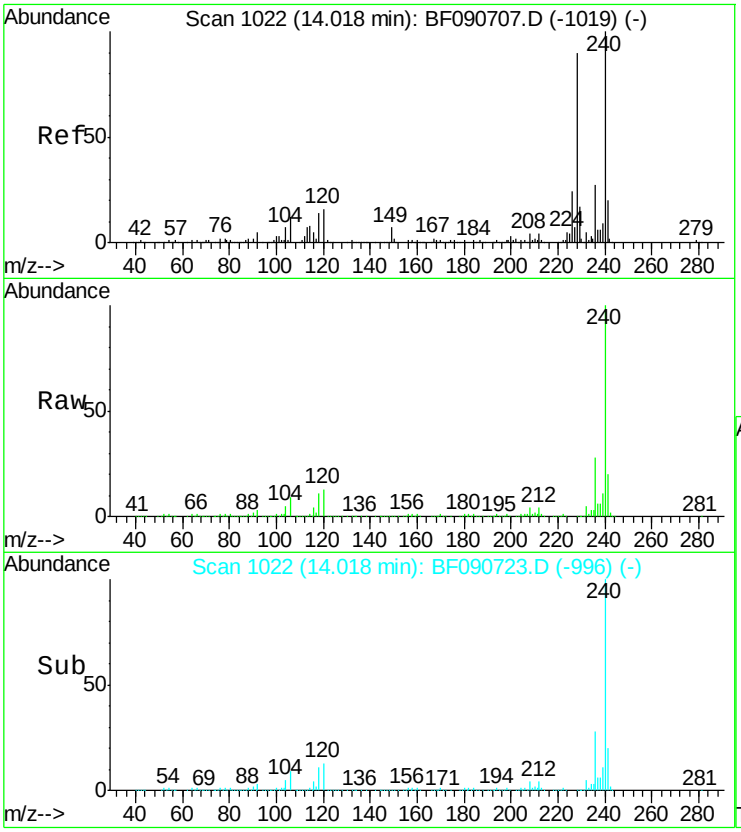


#66
4-Bromophenyl-phenylether
Concen: 3.91 ng
RT: 10.68 min Scan# 730
Delta R.T. -0.25 min
Lab File: BF090723.D
Acq: 21 Oct 2016 21:20

Tgt Ion:248 Resp: 39015

Ion	Ratio	Lower	Upper
248	100		
250	198.5	78.5	117.7#
141	579.1	59.0	88.6#



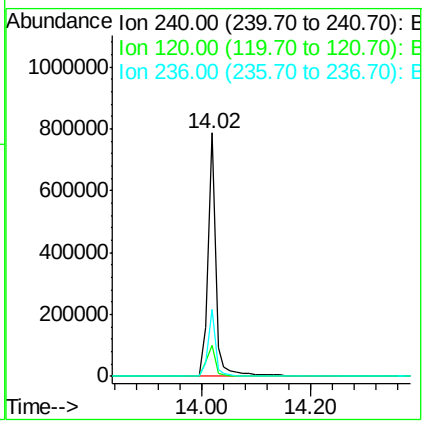


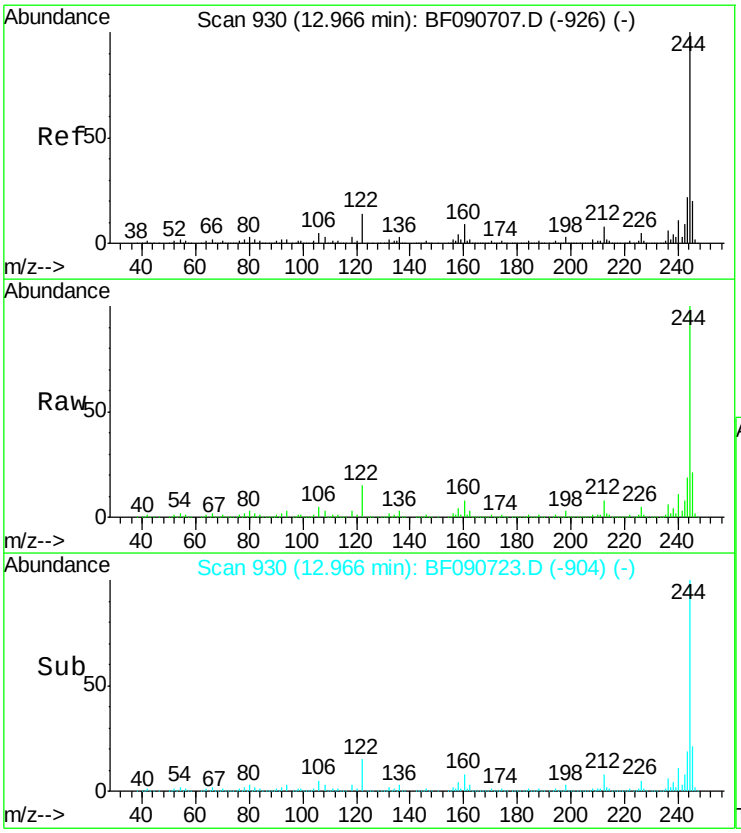
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF090723.D
Acq: 21 Oct 2016 21:20

Instrument :
BNA_F
ClientSampleId :
BRIDGE-LAYER-STONE

Tgt Ion:240 Resp: 788979

Ion	Ratio	Lower	Upper
240	100		
120	12.6	16.2	24.2#
236	27.6	18.4	27.6#

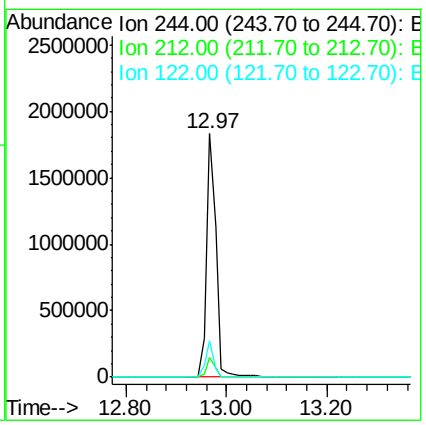


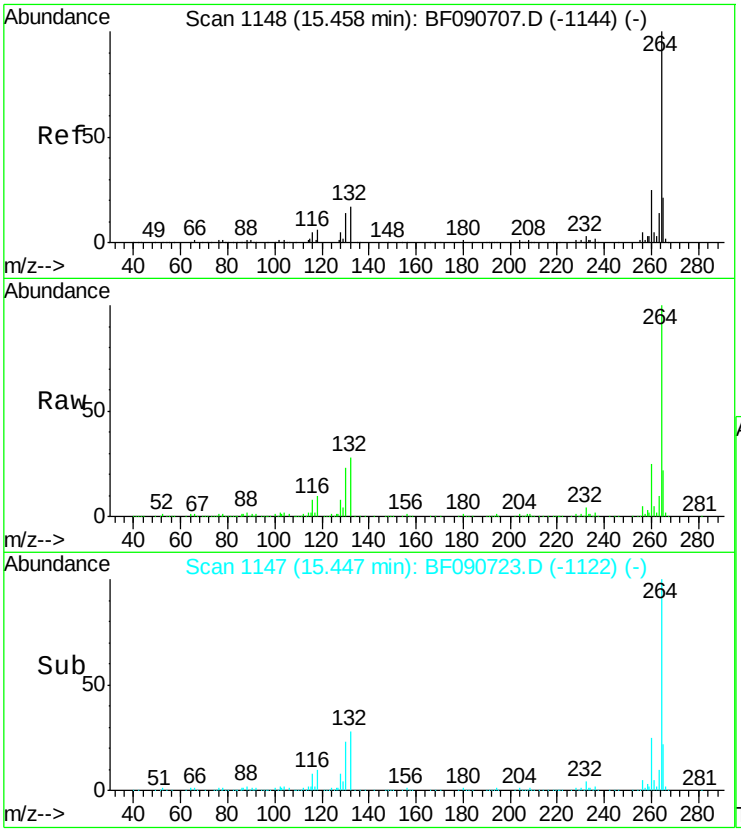


#78
Terphenyl-d14
Concen: 69.45 ng
RT: 12.97 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF090723.D
Acq: 21 Oct 2016 21:20

Tgt Ion:244 Resp: 2390978

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	14.9	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090723.D
Acq: 21 Oct 2016 21:20

Instrument :
BNA_F
ClientSampleId :
BRIDGE-LAYER-STONE

Tgt Ion:264 Resp: 515990

Ion	Ratio	Lower	Upper
264	100		
260	25.2	16.7	25.1#
265	22.0	17.2	25.8