Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092910.D
Acq On : 11 Feb 2017 6:59
Operator : SJ/MA
Sample : I1766-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 020717-PR-E-D-M

Quant Time: Feb 13 02:54:03 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	555313	20.00	ng	0.08
21) Naphthalene-d8	8.18	136	620059	20.00	ng	-0.08
38) Acenaphthene-d10	9.94	164	374866	20.00	ng	-0.07
63) Phenanthrene-d10	11.42	188	629527	20.00	ng	-0.07
75) Chrysene-d12	14.05	240	421129	20.00	ng	-0.09
86) Perylene-d12	15.51	264	330768	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	412674	12.75	ng	-0.08
7) Phenol-d6	6.52	99	322577	7.75	ng	-0.08
23) Nitrobenzene-d5	7.46	82	1037932	93.22	ng	-0.08
41) 2,4,6-Tribromophenol	10.73	330	245063	90.39	ng	-0.08
44) 2-Fluorobiphenyl	9.26	172	1867734	90.26	ng	-0.07
78) Terphenyl-d14	13.01	244	1718626	95.89	ng	-0.07
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	135314	5.10	ng	# 81
25) Isophorone	7.46	82	1031317	49.71	ng	# 65
50) 2,6-Dinitrotoluene	9.94	165	47057	8.63	ng	# 30
56) 2,4-Dinitrotoluene	9.94	165	47049	6.48	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.73	198	524	2.80	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	17921	2.72	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
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Misc :
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Instrument :
BNA_F
ClientSampleId :
020717-PR-E-D-M

Quant Time: Feb 13 02:54:03 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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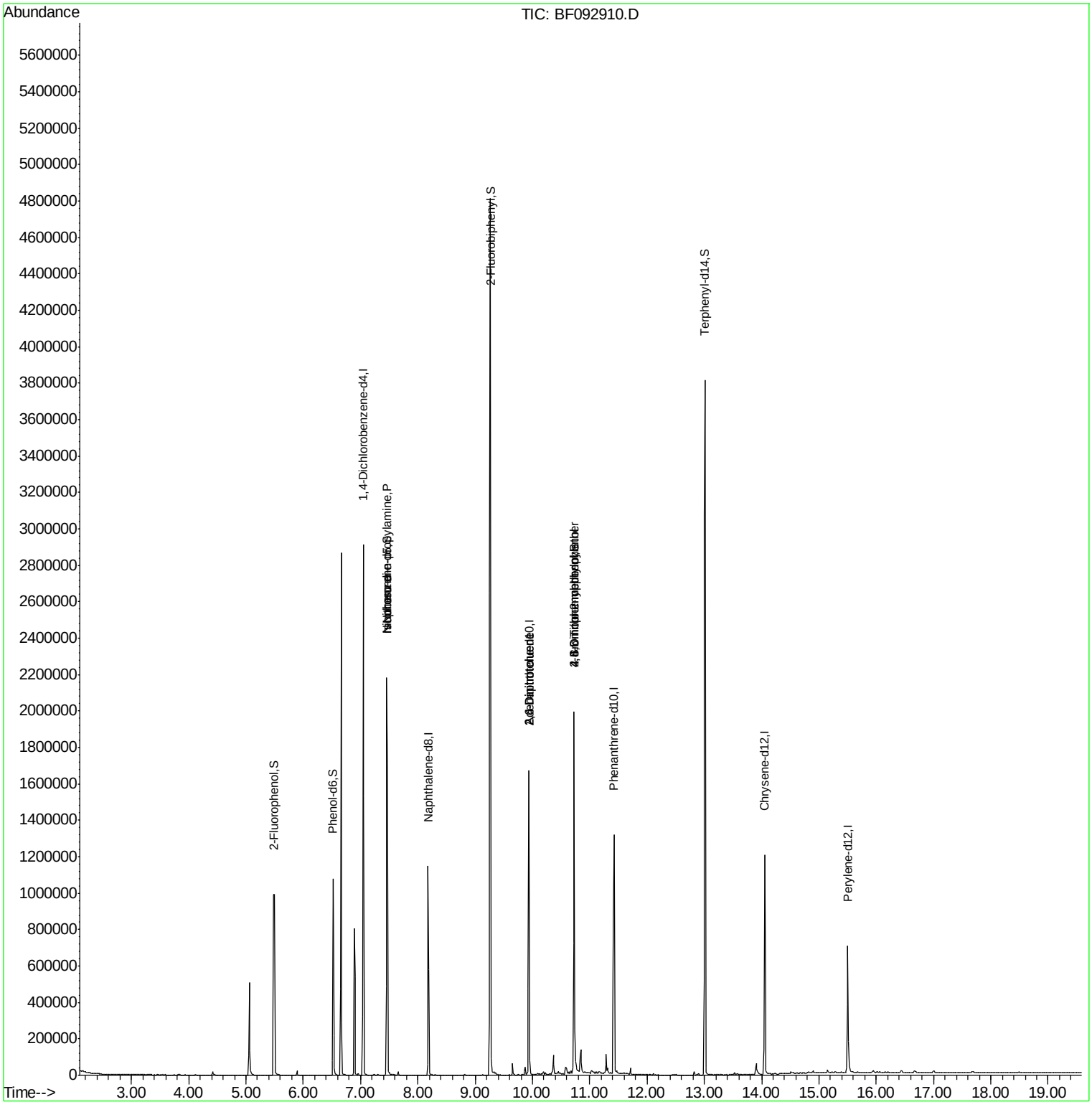
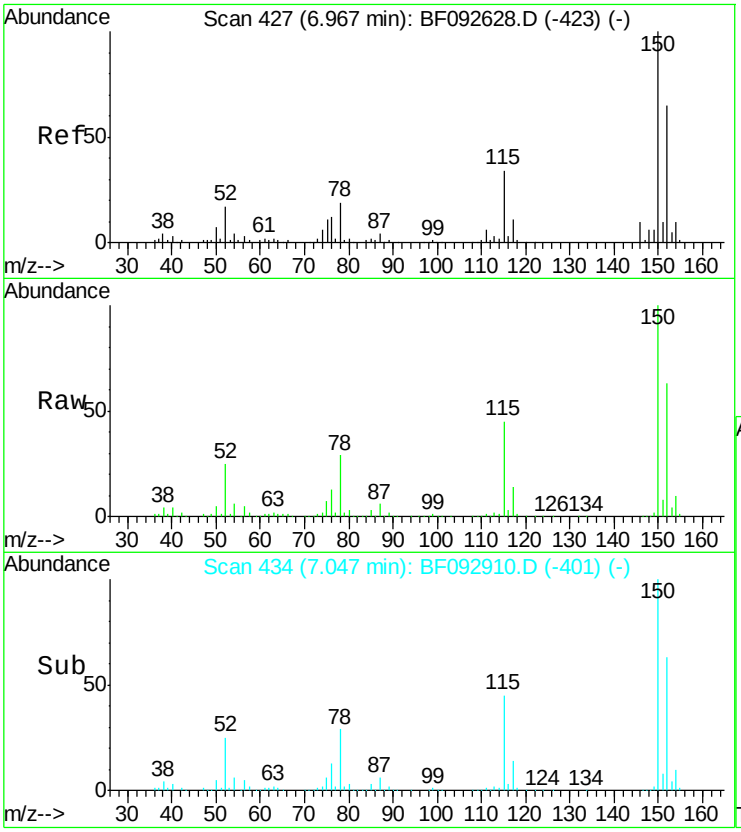


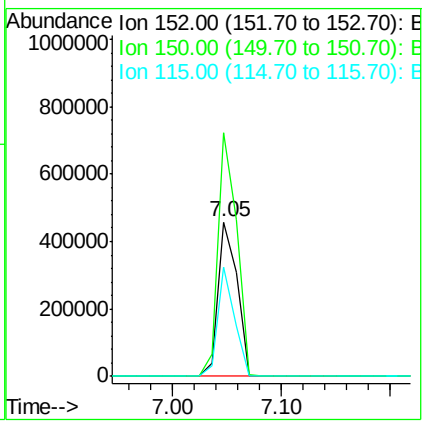


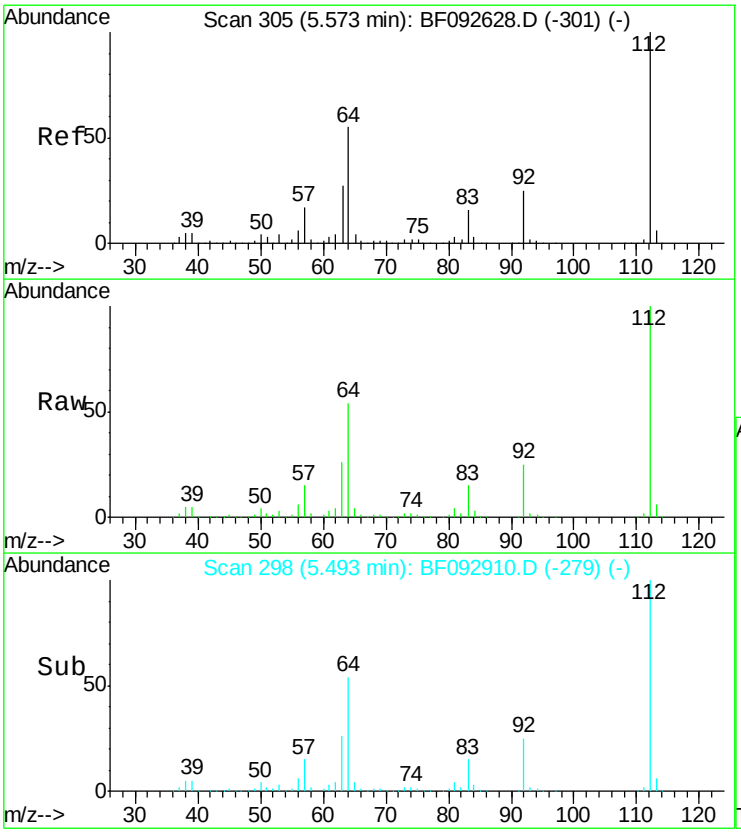
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.08 min
Lab File: BF092910.D
Acq: 11 Feb 2017 6:59

Instrument :
BNA_F
ClientSampleId :
020717-PR-E-D-M

Tgt Ion:152 Resp: 555313

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.9	187.3
115	70.8	46.0	69.0#

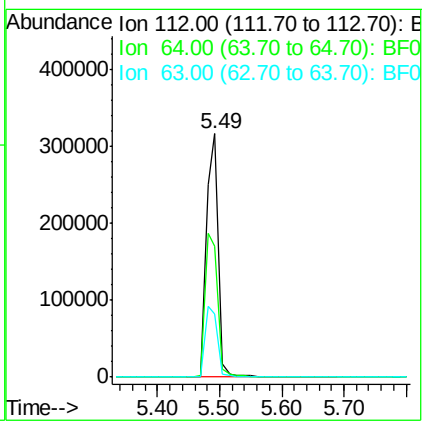


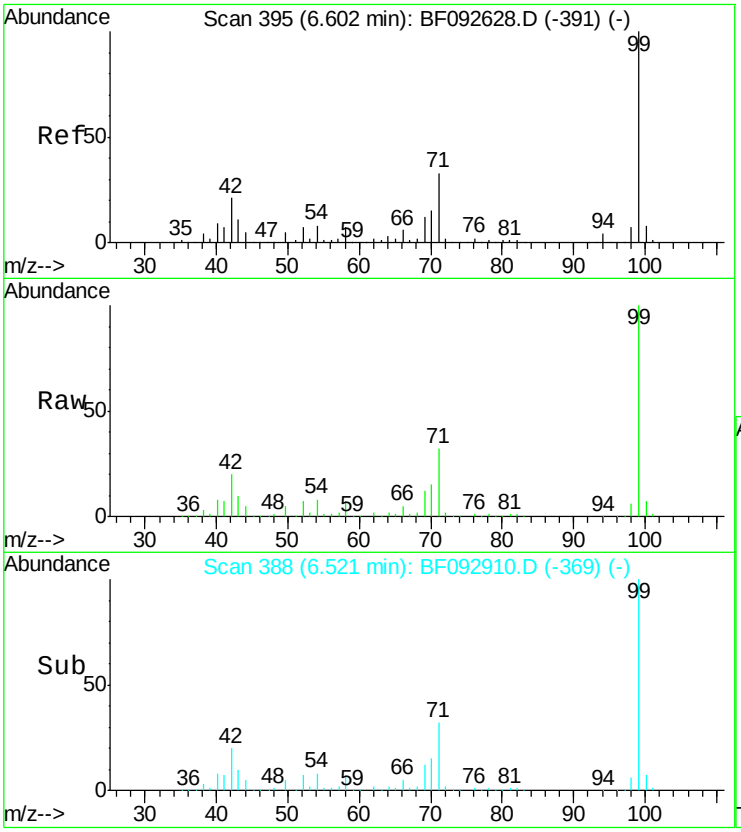


#5
2-Fluorophenol
Concen: 12.75 ng
RT: 5.49 min Scan# 298
Delta R.T. -0.08 min
Lab File: BF092910.D
Acq: 11 Feb 2017 6:59

Tgt Ion:112 Resp: 412674

Ion	Ratio	Lower	Upper
112	100		
64	53.9	46.1	69.1
63	25.8	23.8	35.6



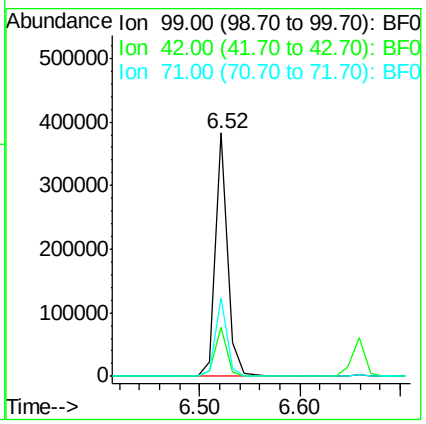


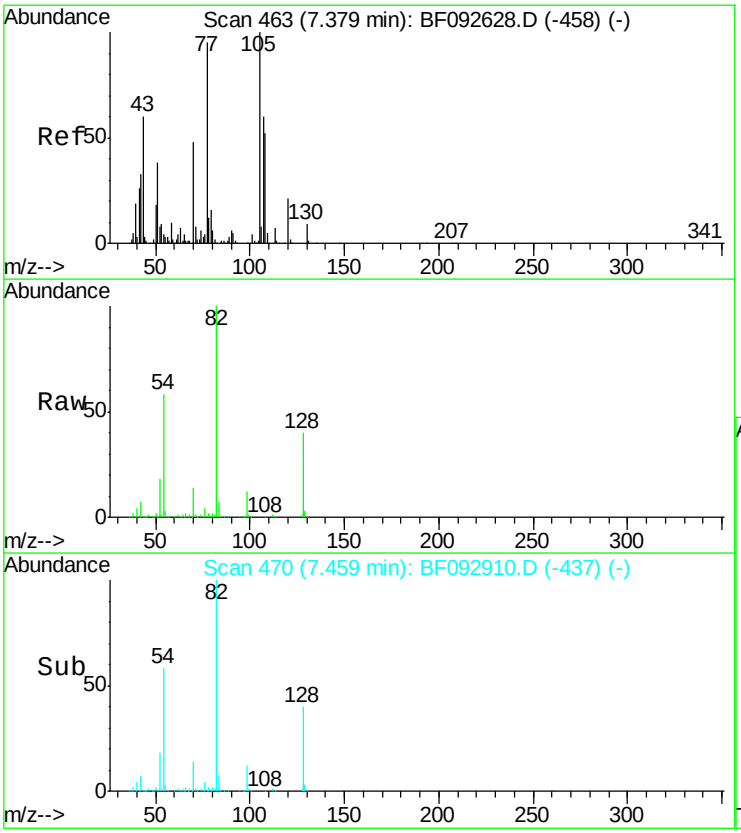
#7
Phenol-d6
Concen: 7.75 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.08 min
Lab File: BF092910.D
Acq: 11 Feb 2017 6:59

Instrument :
BNA_F
ClientSampleId :
020717-PR-E-D-M

Tgt Ion: 99 Resp: 322577

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.6	23.4
71	32.2	27.5	41.3

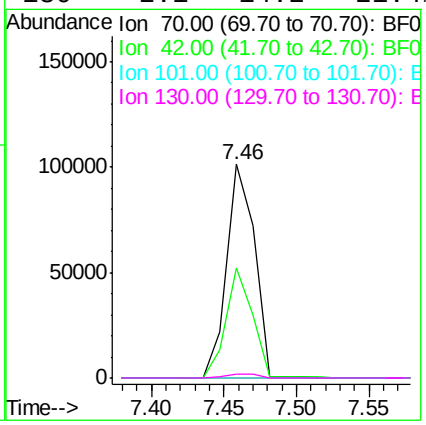


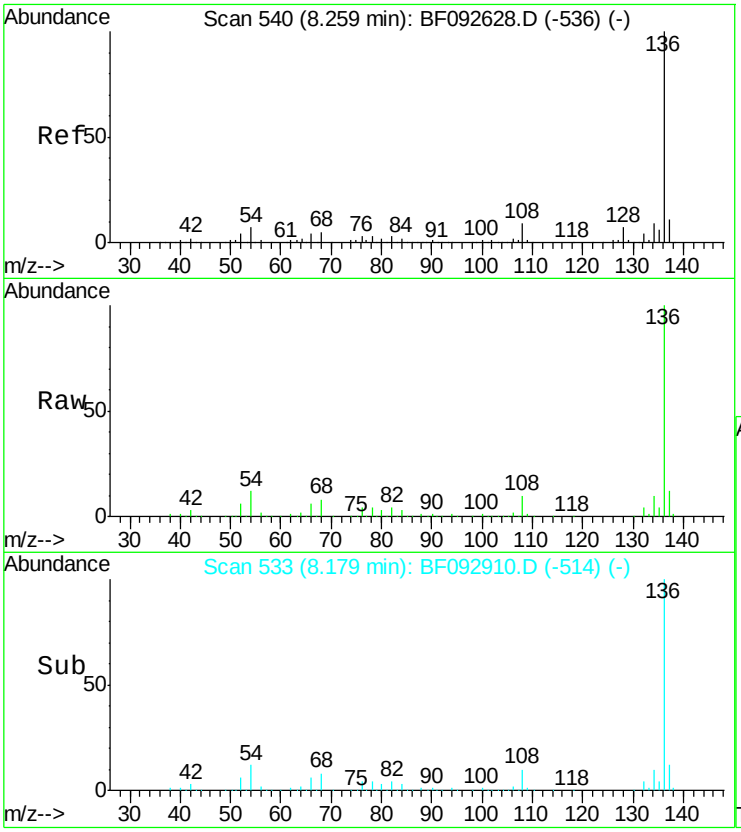


#19
n-Nitroso-di-n-propylamine
Concen: 5.10 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.08 min
Lab File: BF092910.D
Acq: 11 Feb 2017 6:59

Tgt Ion: 70 Resp: 135314

Ion	Ratio	Lower	Upper
70	100		
42	51.3	49.4	74.0
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#



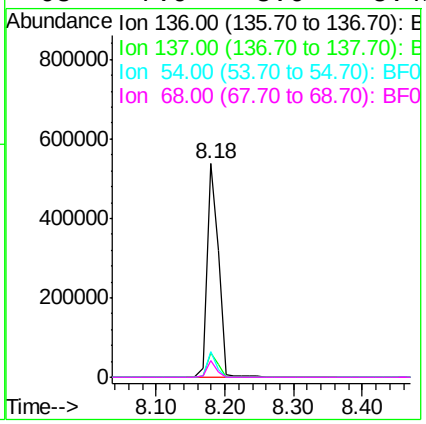


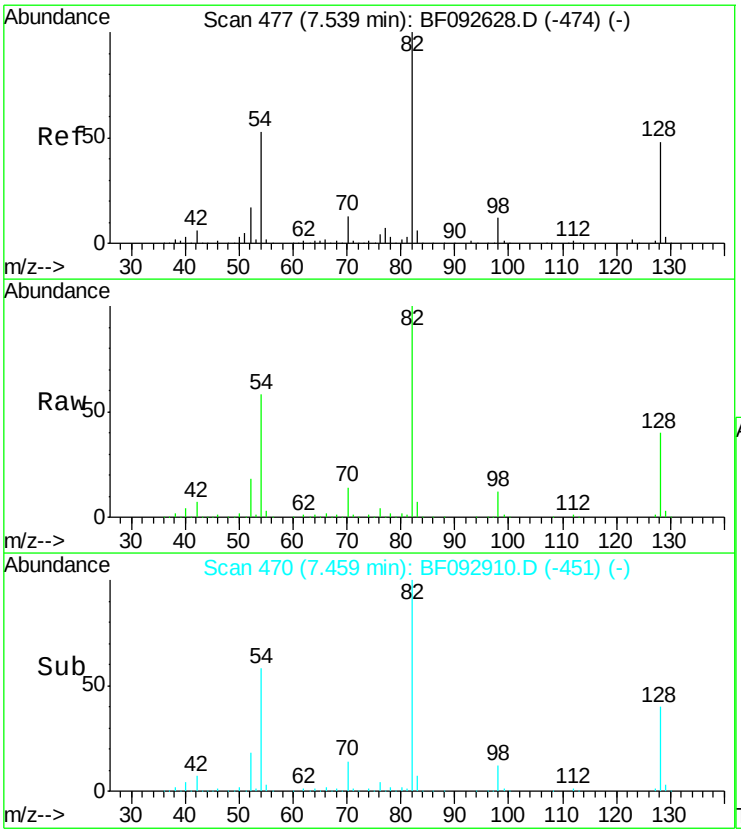
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF092910.D
Acq: 11 Feb 2017 6:59

Instrument :
BNA_F
ClientSampleId :
020717-PR-E-D-M

Tgt Ion:136 Resp: 620059

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	12.0	4.5	6.7#
68	7.9	3.6	5.4#

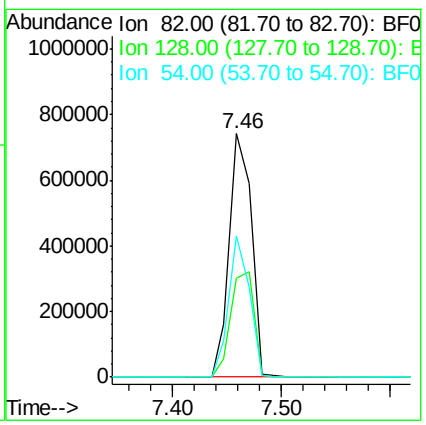


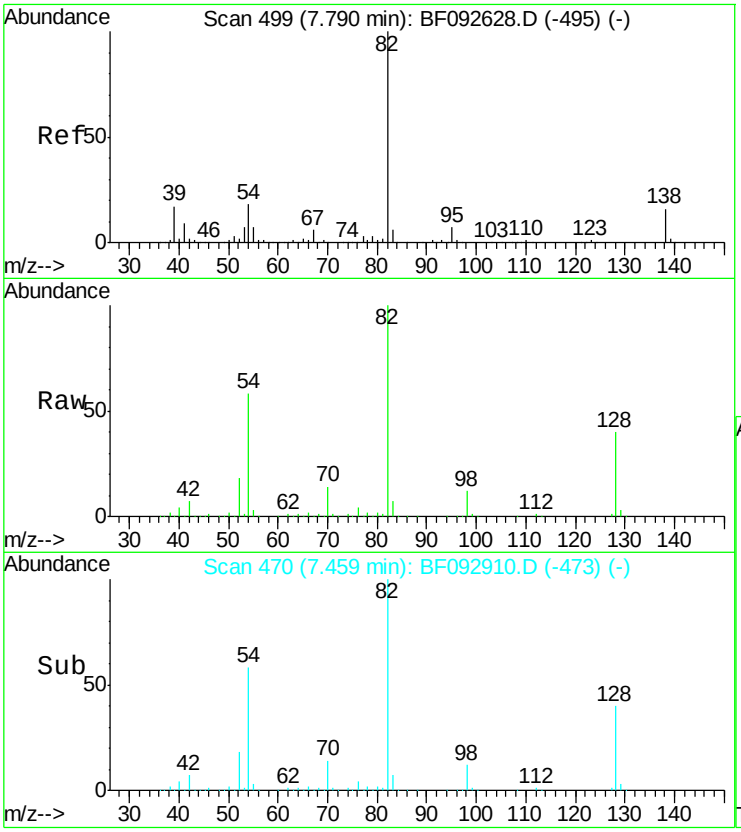


#23
Nitrobenzene-d5
Concen: 93.22 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.08 min
Lab File: BF092910.D
Acq: 11 Feb 2017 6:59

Tgt Ion: 82 Resp: 1037932

Ion	Ratio	Lower	Upper
82	100		
128	40.4	34.6	52.0
54	58.3	39.5	59.3



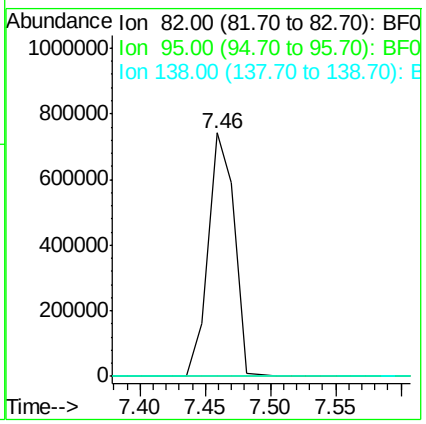


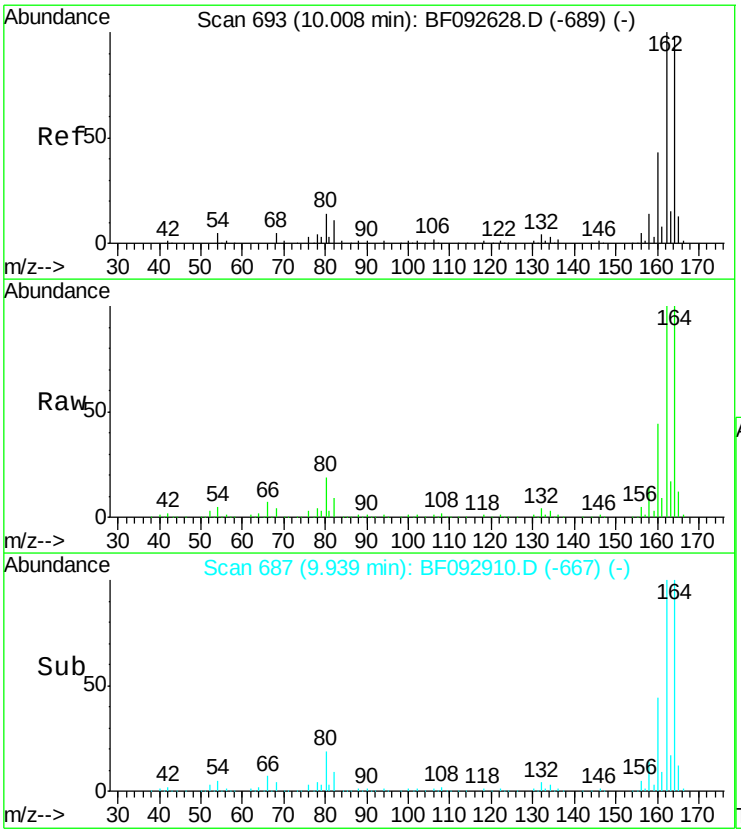
#25
Isophorone
Concen: 49.71 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.33 min
Lab File: BF092910.D
Acq: 11 Feb 2017 6:59

Instrument :
BNA_F
ClientSampleId :
020717-PR-E-D-M

Tgt Ion: 82 Resp: 1031317

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#

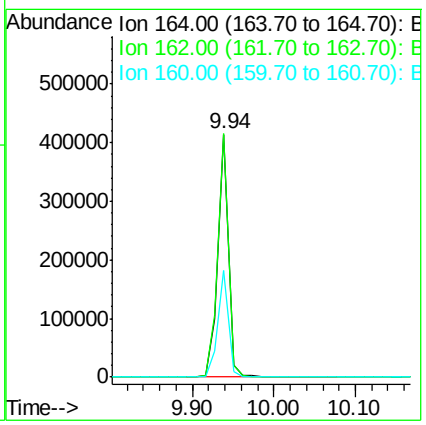


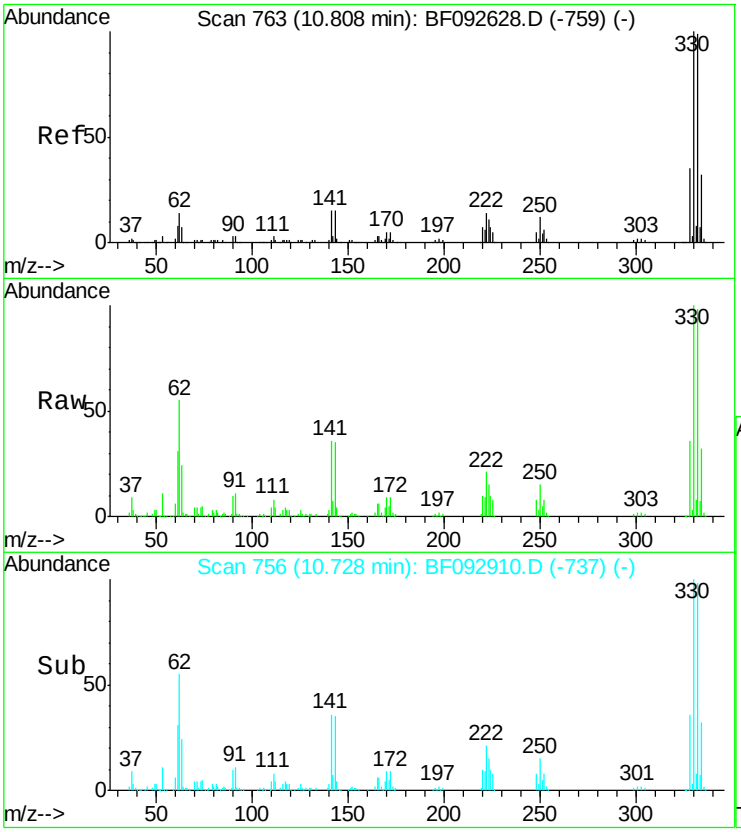


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF092910.D
Acq: 11 Feb 2017 6:59

Tgt Ion:164 Resp: 374866

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.2	120.2
160	43.7	36.9	55.3



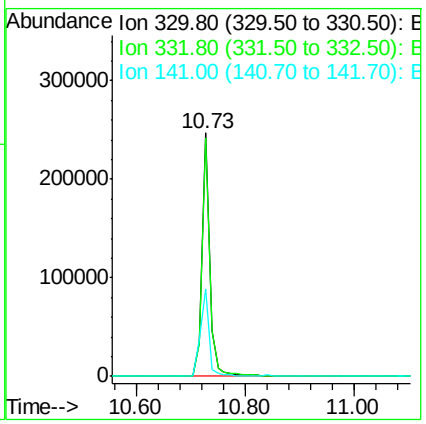


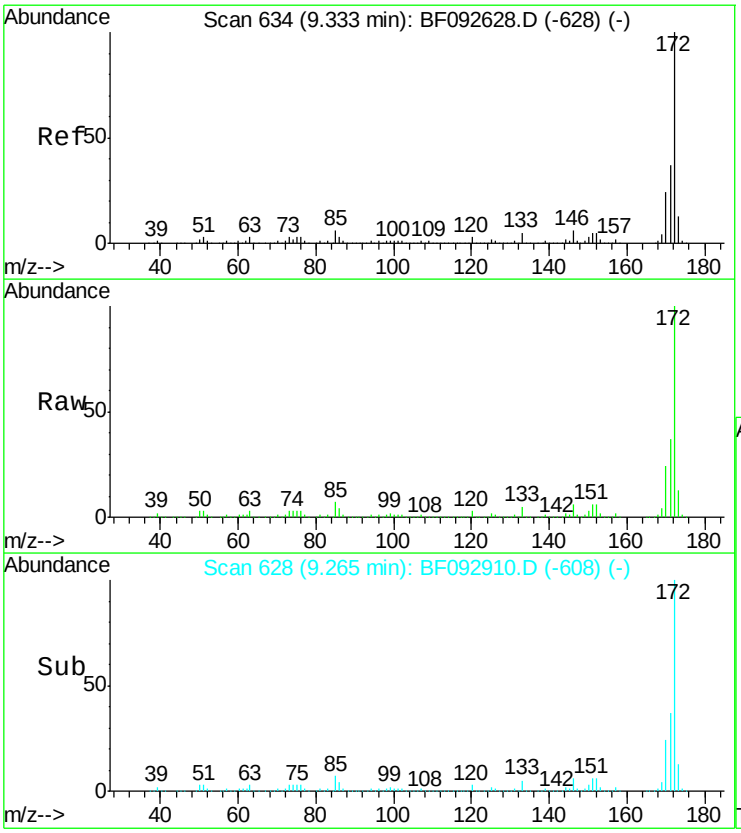
#41
2,4,6-Tribromophenol
Concen: 90.39 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.08 min
Lab File: BF092910.D
Acq: 11 Feb 2017 6:59

Instrument :
BNA_F
ClientSampleId :
020717-PR-E-D-M

Tgt Ion:330 Resp: 245063

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	39.2	34.1	51.1

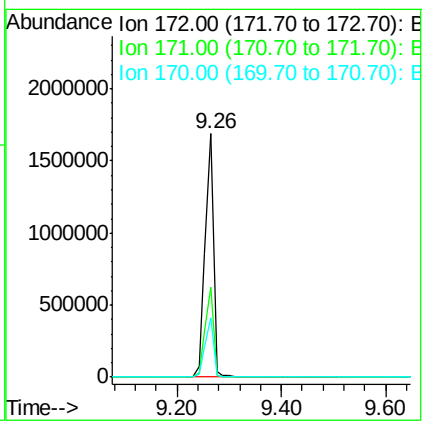


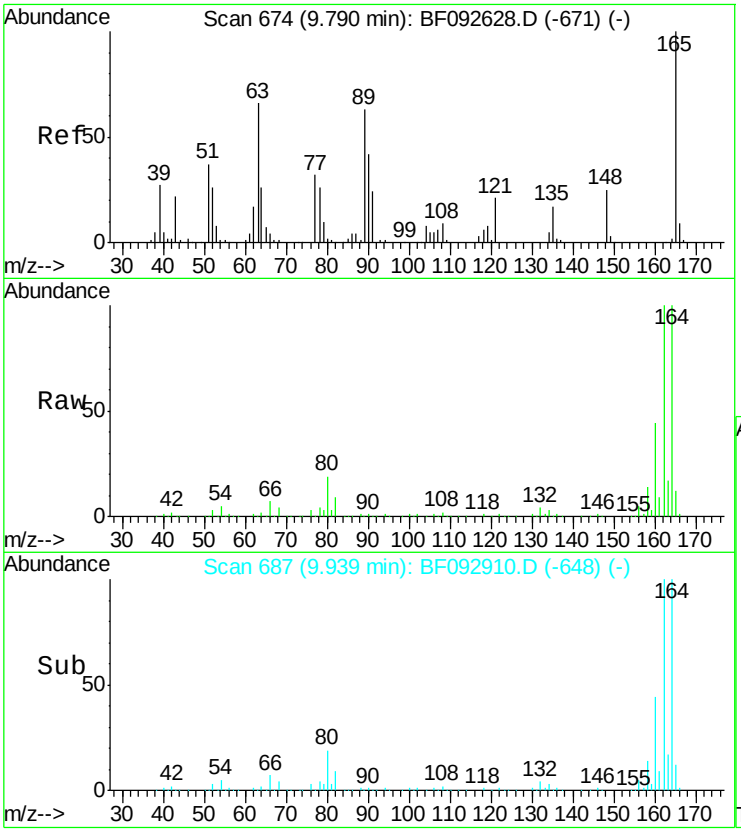


#44
2-Fluorobiphenyl
Concen: 90.26 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.07 min
Lab File: BF092910.D
Acq: 11 Feb 2017 6:59

Tgt Ion:172 Resp: 1867734

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.5	20.2	30.4



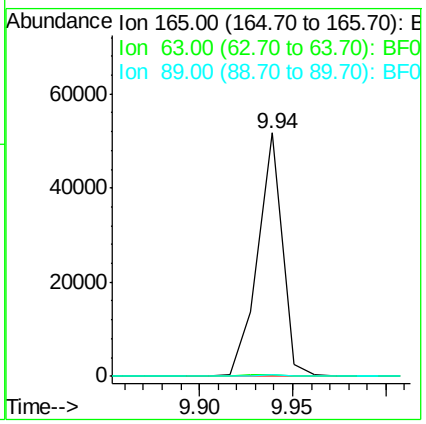


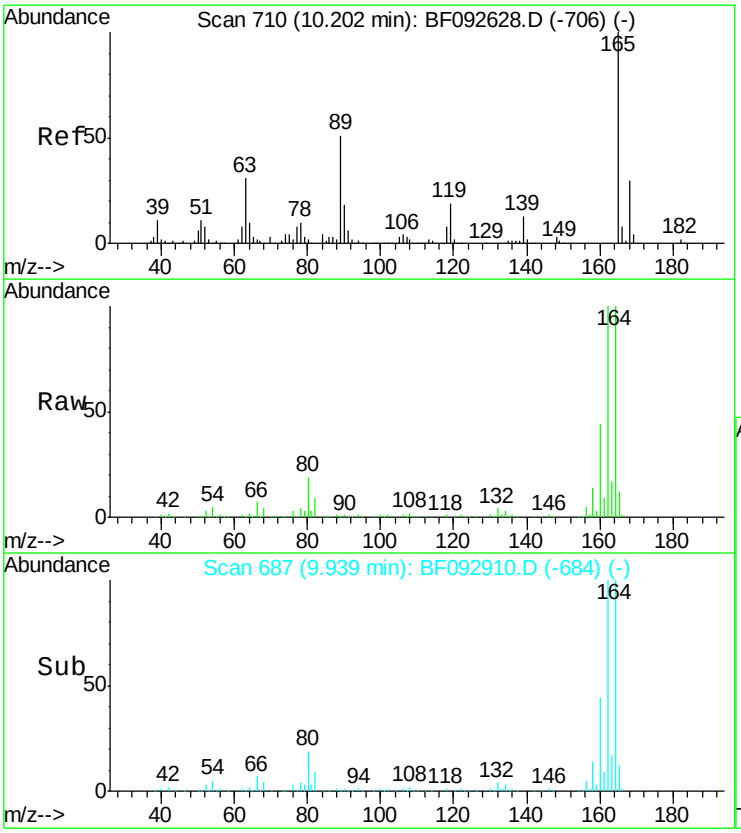
#50
2,6-Dinitrotoluene
Concen: 8.63 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.15 min
Lab File: BF092910.D
Acq: 11 Feb 2017 6:59

Instrument :
BNA_F
ClientSampleId :
020717-PR-E-D-M

Tgt Ion:165 Resp: 47057

Ion	Ratio	Lower	Upper
165	100		
63	0.7	36.2	54.4#
89	0.9	40.2	60.4#

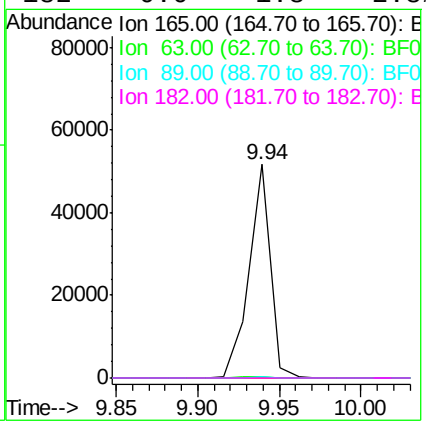


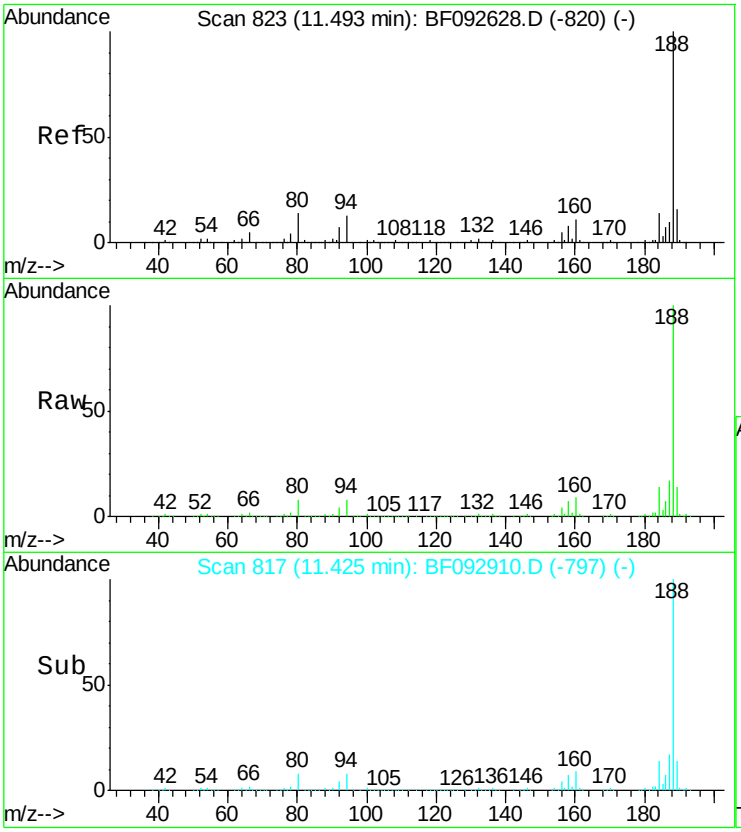


#56
2,4-Dinitrotoluene
Concen: 6.48 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.26 min
Lab File: BF092910.D
Acq: 11 Feb 2017 6:59

Tgt Ion:165 Resp: 47049

Ion	Ratio	Lower	Upper
165	100		
63	0.7	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#



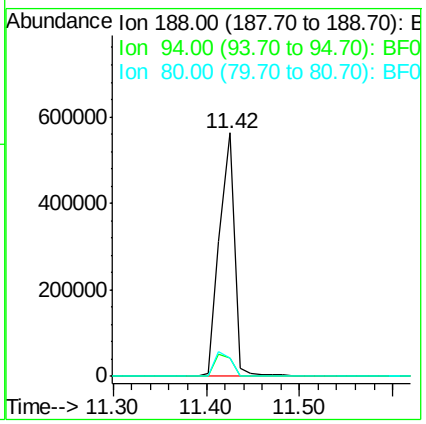


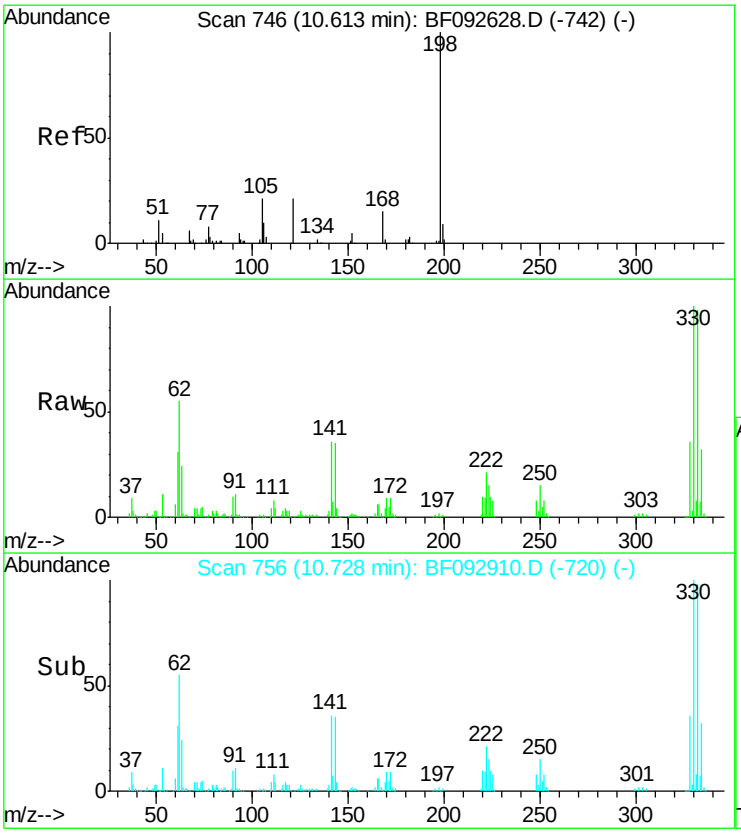
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.07 min
Lab File: BF092910.D
Acq: 11 Feb 2017 6:59

Instrument :
BNA_F
ClientSampleId :
020717-PR-E-D-M

Tgt Ion:188 Resp: 629527

Ion	Ratio	Lower	Upper
188	100		
94	7.7	10.0	15.0#
80	7.7	11.2	16.8#

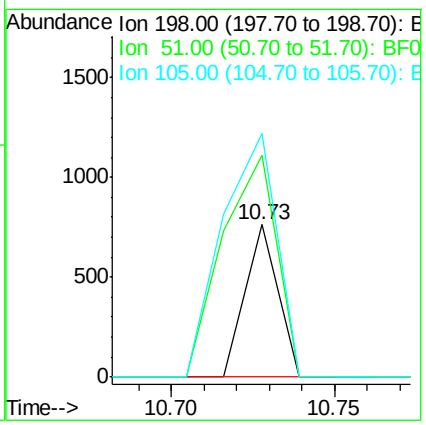


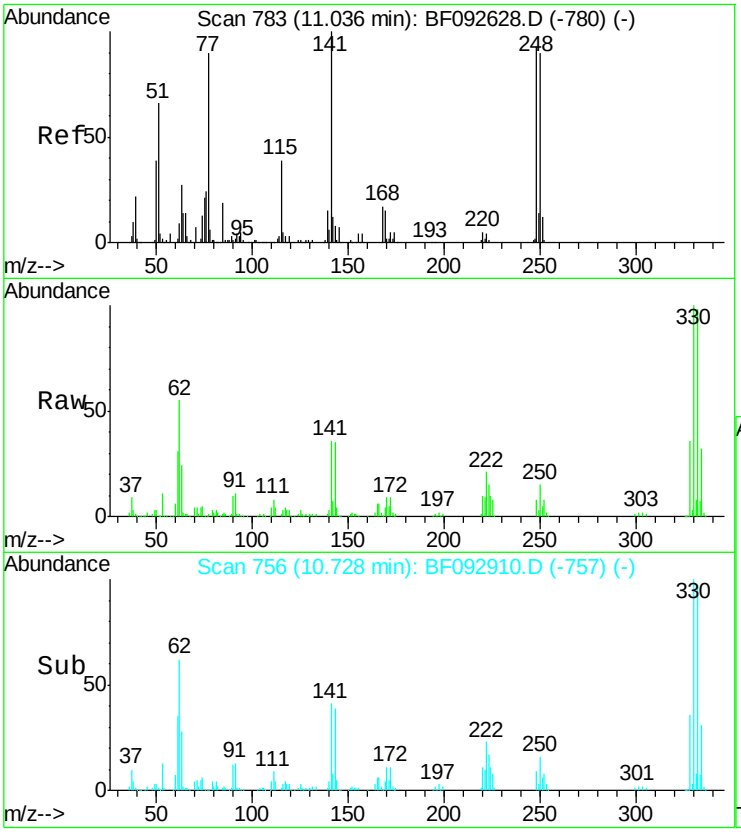


#64
4,6-Dinitro-2-methylphenol
Concen: 2.80 ng
RT: 10.73 min Scan# 756
Delta R.T. 0.11 min
Lab File: BF092910.D
Acq: 11 Feb 2017 6:59

Tgt Ion:198 Resp: 524

Ion	Ratio	Lower	Upper
198	100		
51	145.4	6.7	46.7#
105	159.6	16.6	56.6#



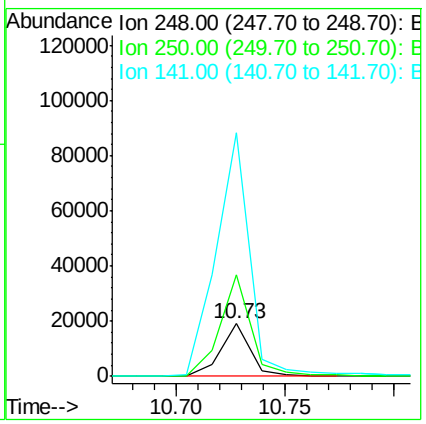


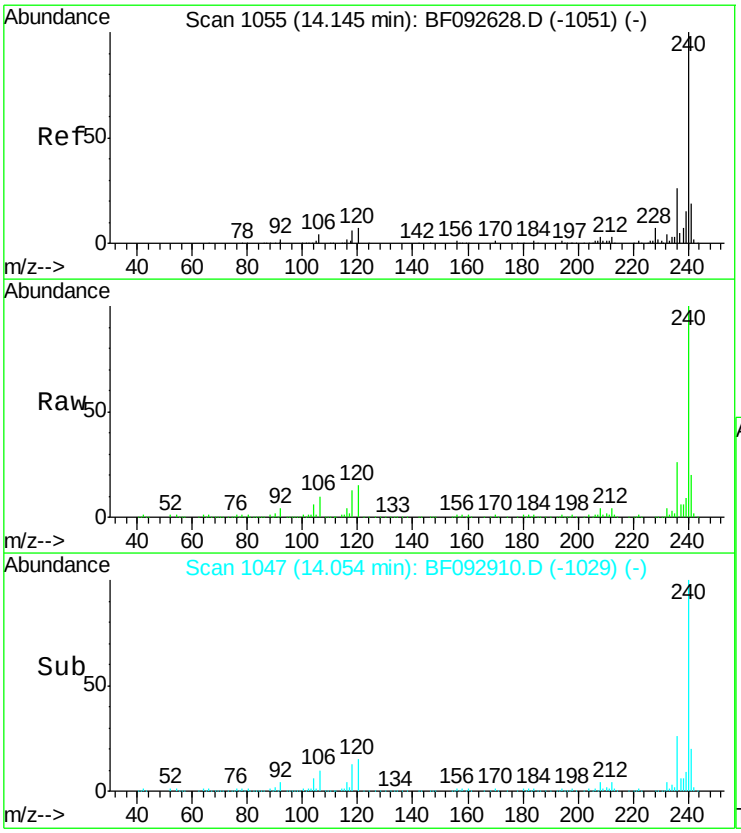
#66
4-Bromophenyl-phenylether
Concen: 2.72 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.31 min
Lab File: BF092910.D
Acq: 11 Feb 2017 6:59

Instrument :
BNA_F
ClientSampleId :
020717-PR-E-D-M

Tgt Ion:248 Resp: 17921

Ion	Ratio	Lower	Upper
248	100		
250	192.6	76.9	115.3#
141	460.7	68.2	102.4#

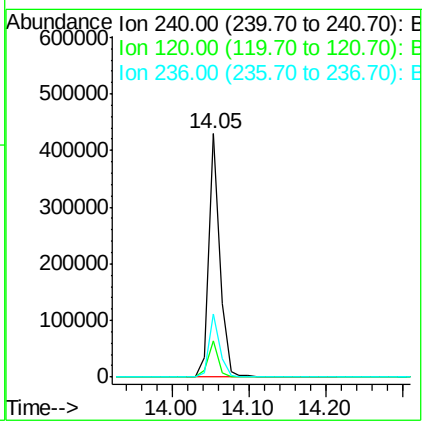


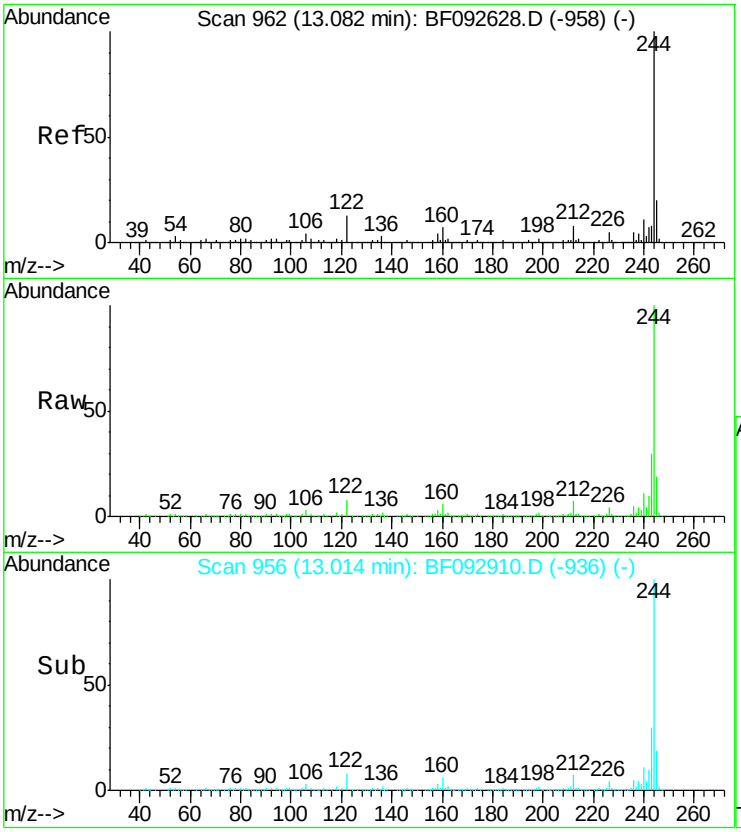


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.09 min
Lab File: BF092910.D
Acq: 11 Feb 2017 6:59

Tgt Ion:240 Resp: 421129

Ion	Ratio	Lower	Upper
240	100		
120	14.9	12.9	19.3
236	25.9	20.9	31.3



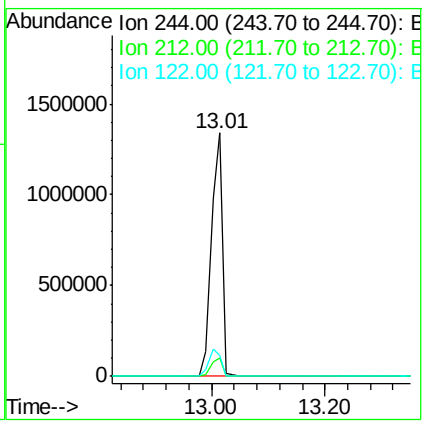


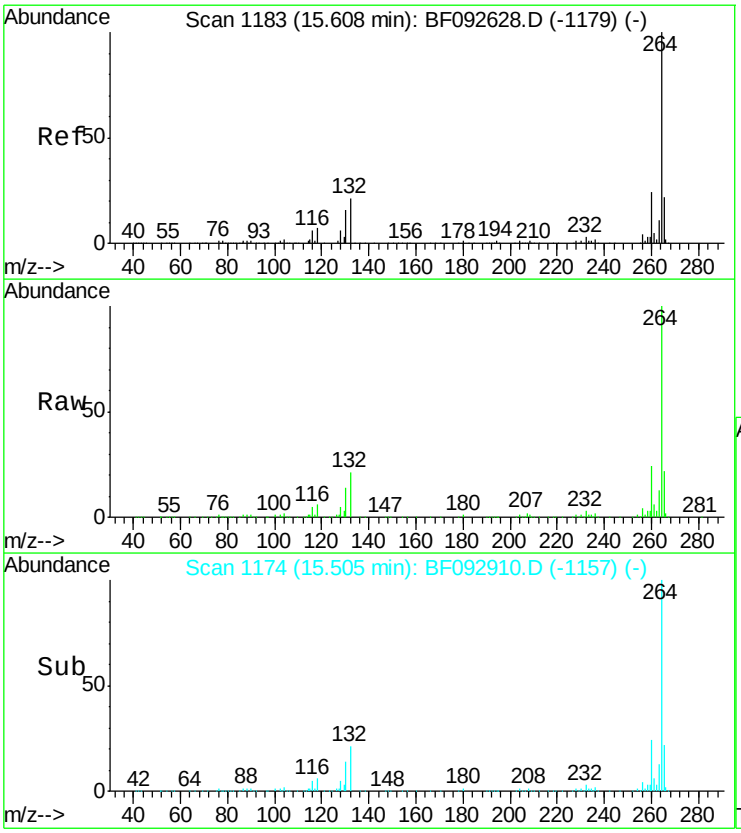
#78
Terphenyl-d14
Concen: 95.89 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.07 min
Lab File: BF092910.D
Acq: 11 Feb 2017 6:59

Instrument :
BNA_F
ClientSampleId :
020717-PR-E-D-M

Tgt Ion:244 Resp: 1718626

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	8.4	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.10 min
Lab File: BF092910.D
Acq: 11 Feb 2017 6:59

Tgt Ion:264 Resp: 330768

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.1	17.4	26.0