Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
Data File : BF092590.D
Acq On : 27 Jan 2017 21:54
Operator : SJ/MA
Sample : I1448-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHA-SB-02-2-4

Quant Time: Jan 27 22:30:10 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	160305	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	663338	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	386751	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	667996	20.00	ng	0.00
75) Chrysene-d12	14.16	240	511938	20.00	ng	-0.01
86) Perylene-d12	15.65	264	389025	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1309273	127.07	ng	0.05
7) Phenol-d6	6.62	99	1791989	136.54	ng	0.03
23) Nitrobenzene-d5	7.54	82	1124566	92.61	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	373787	141.83	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	2036471	97.37	ng	0.00
78) Terphenyl-d14	13.12	244	1746724	90.86	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.64	94	112151	7.08	ng	# 64
19) n-Nitroso-di-n-propylamine	7.54	70	147202	16.47	ng	# 83
25) Isophorone	7.54	82	1109661	46.37	ng	# 65
49) Dimethylphthalate	9.74	163	509262	20.71	ng	99
56) 2,4-Dinitrotoluene	10.03	165	50321	7.54	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.83	198	1001	5.20	ng	# 1
66) 4-Bromophenyl-phenylether	10.83	248	29661	4.40	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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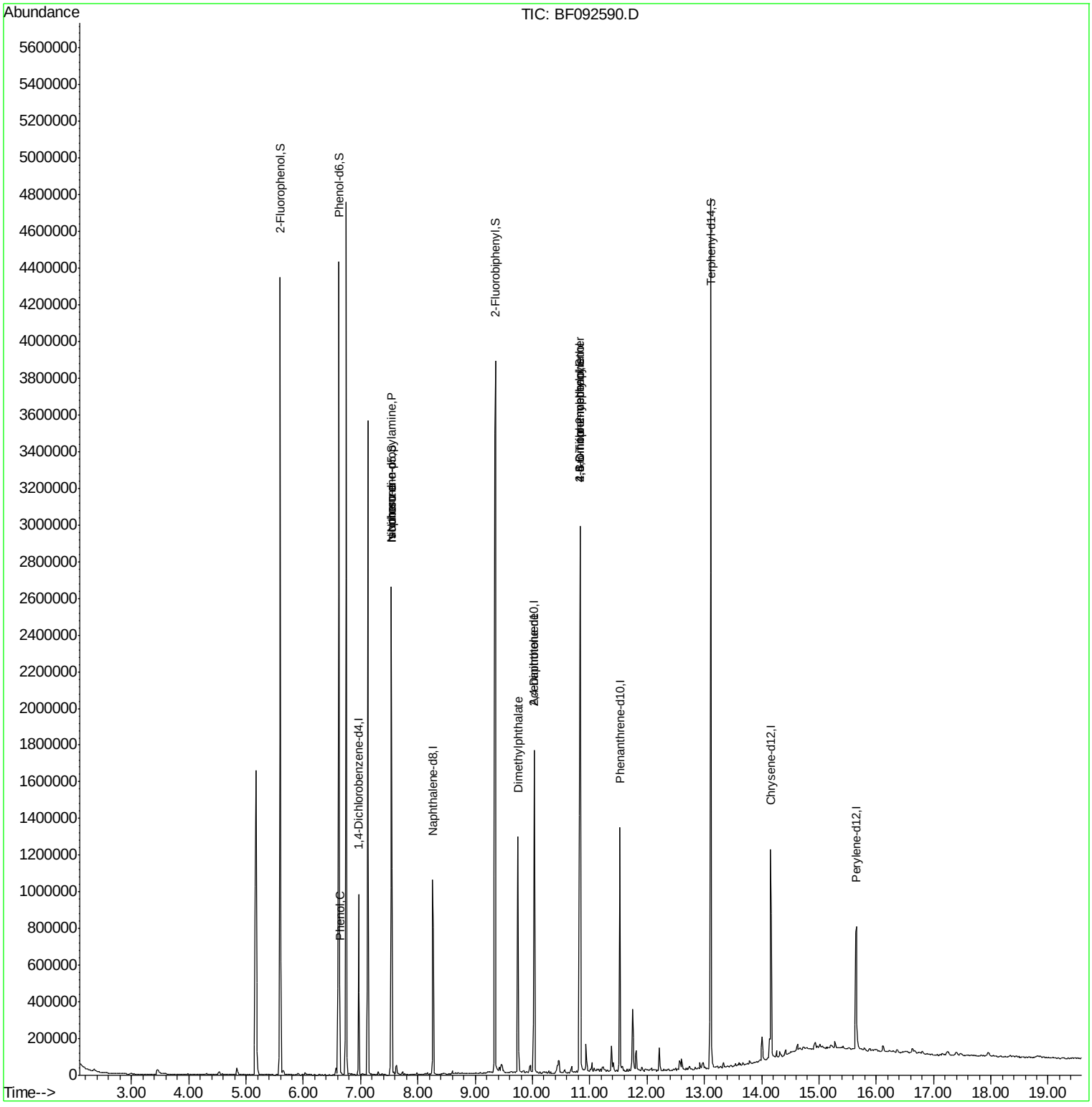
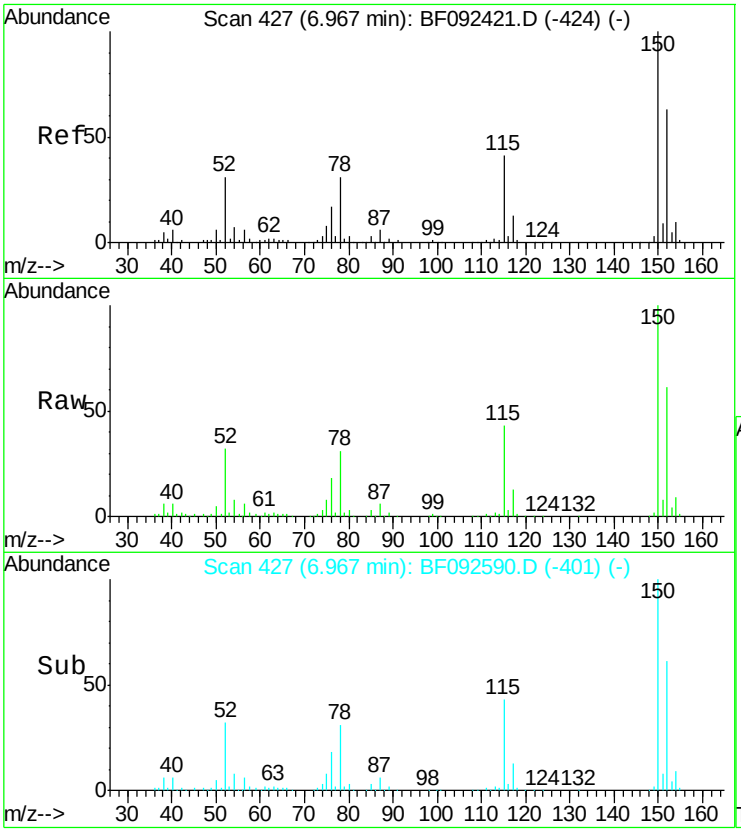


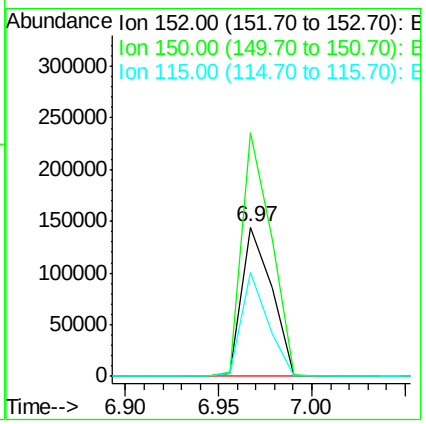


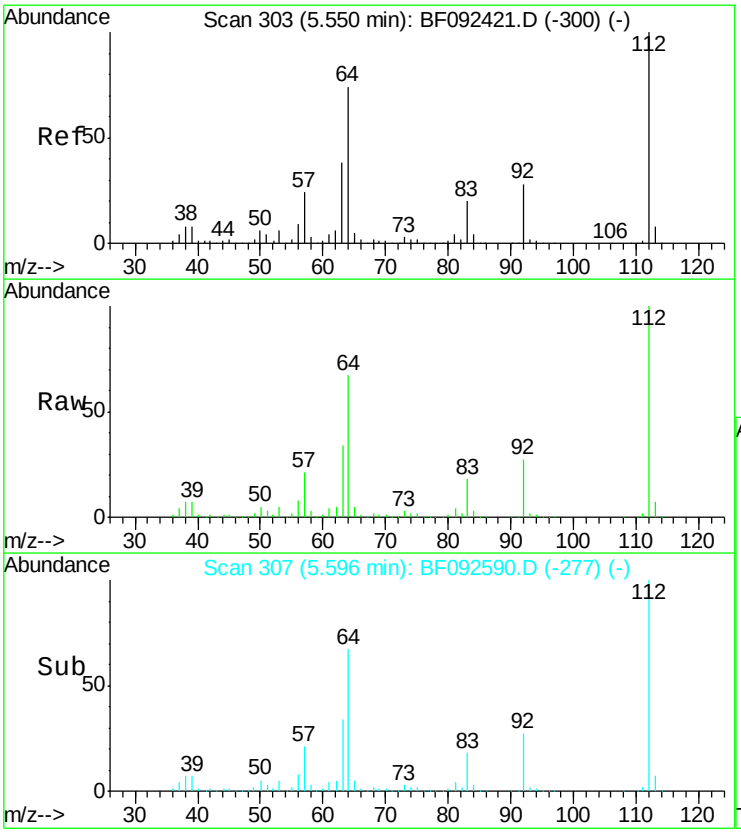
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

Instrument :
BNA_F
ClientSampleId :
CHA-SB-02-2-4

Tgt Ion:152 Resp: 160305

Ion	Ratio	Lower	Upper
152	100		
150	162.9	124.9	187.3
115	69.7	46.0	69.0#

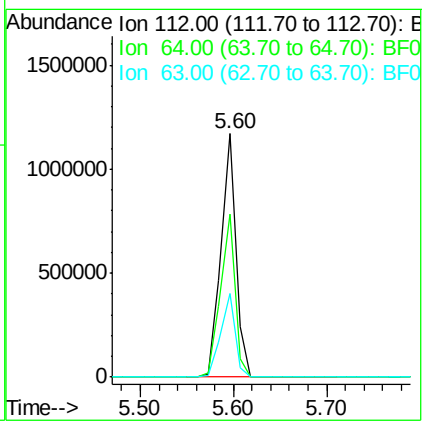


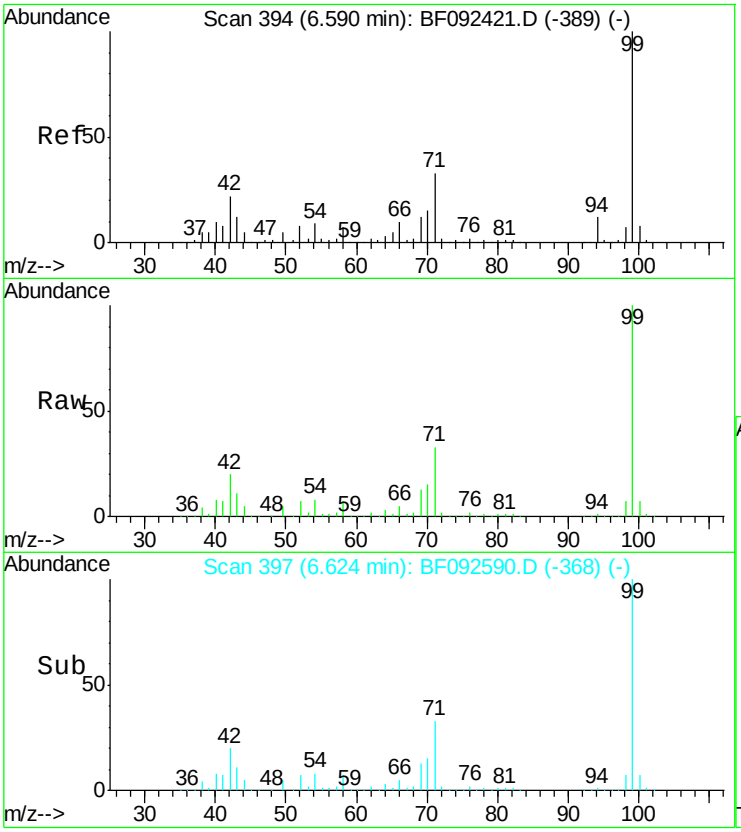


#5
2-Fluorophenol
Concen: 127.07 ng
RT: 5.60 min Scan# 307
Delta R.T. 0.05 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

Tgt Ion:112 Resp: 1309273

Ion	Ratio	Lower	Upper
112	100		
64	67.2	46.1	69.1
63	34.3	23.8	35.6



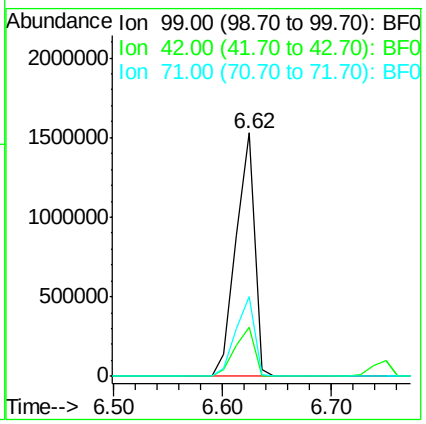


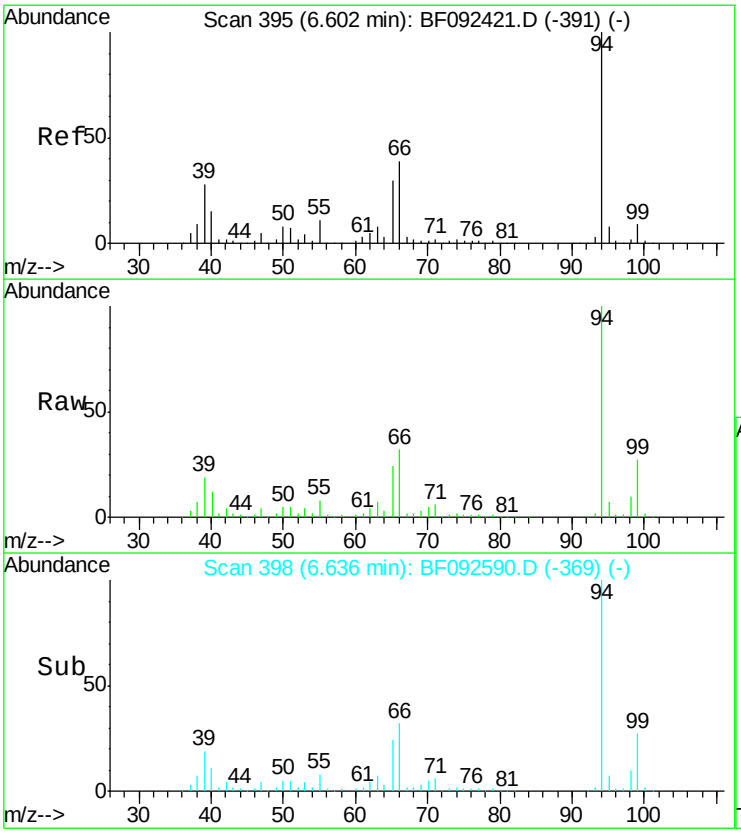
#7
Phenol-d6
Concen: 136.54 ng
RT: 6.62 min Scan# 397
Delta R.T. 0.03 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

Instrument :
BNA_F
ClientSampleId :
CHA-SB-02-2-4

Tgt Ion: 99 Resp: 1791989

Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.6	23.4
71	32.8	27.5	41.3

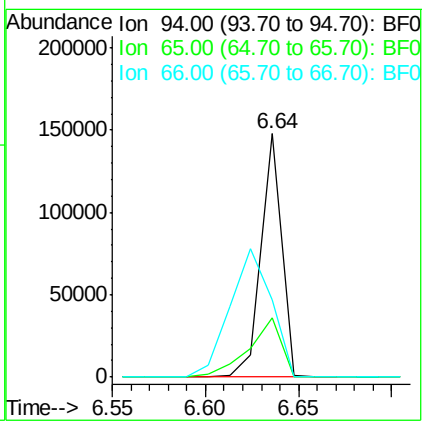


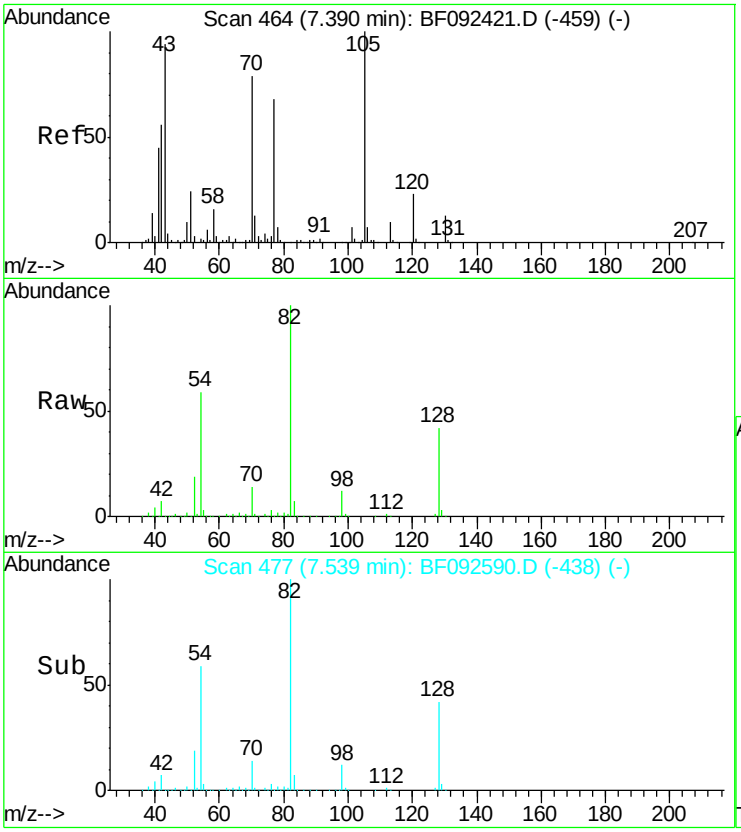


#10
Phenol
Concen: 7.08 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.03 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

Tgt Ion: 94 Resp: 112151

Ion	Ratio	Lower	Upper
94	100		
65	24.3	21.4	61.4
66	31.7	44.0	84.0#



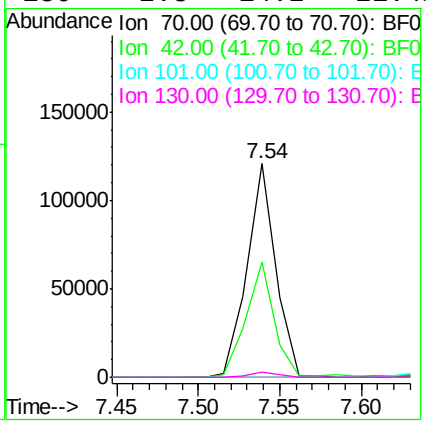


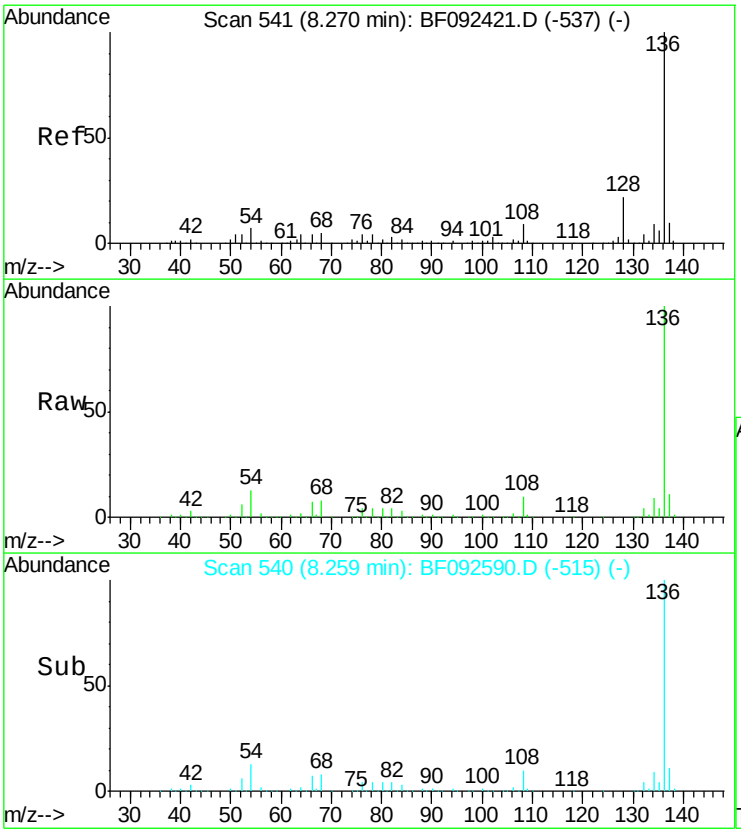
#19
n-Nitroso-di-n-propylamine
Concen: 16.47 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

Instrument :
BNA_F
ClientSampleId :
CHA-SB-02-2-4

Tgt Ion: 70 Resp: 147202

Ion	Ratio	Lower	Upper
70	100		
42	53.7	49.4	74.0
101	0.0	7.4	11.2#
130	2.3	14.2	21.4#

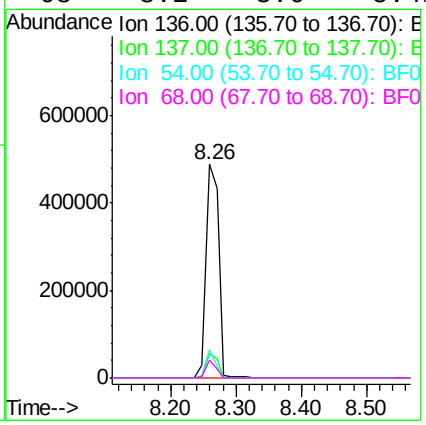


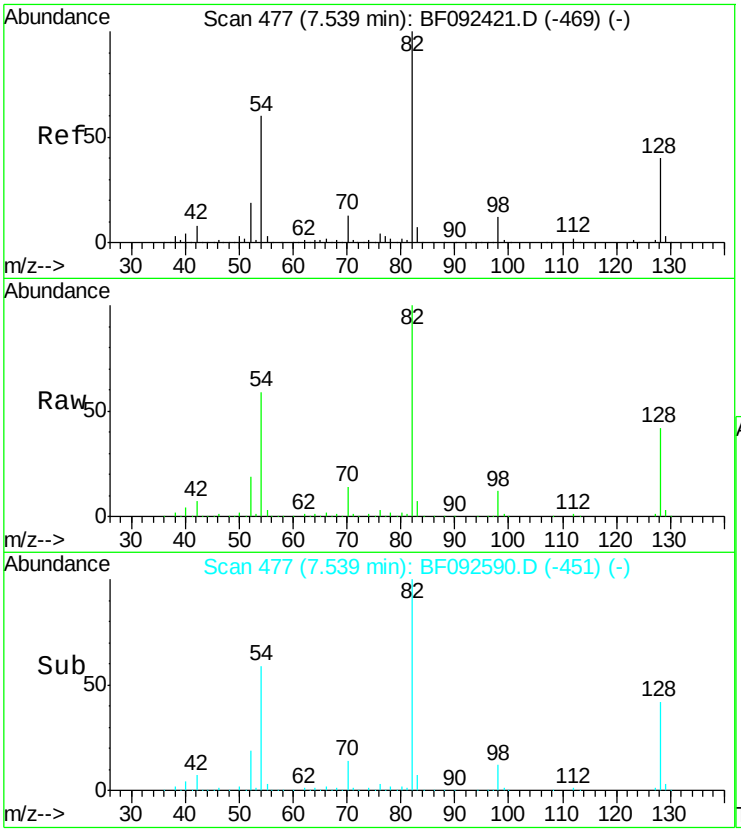


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

Tgt Ion:136 Resp: 663338

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	13.1	4.5	6.7#
68	8.2	3.6	5.4#



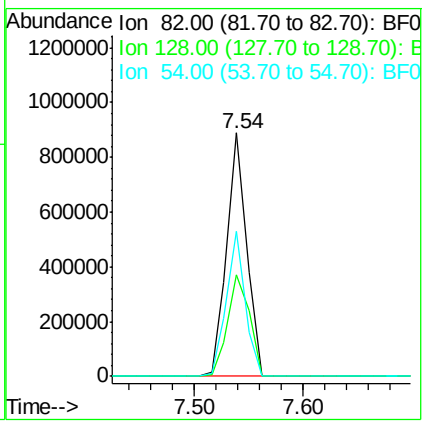


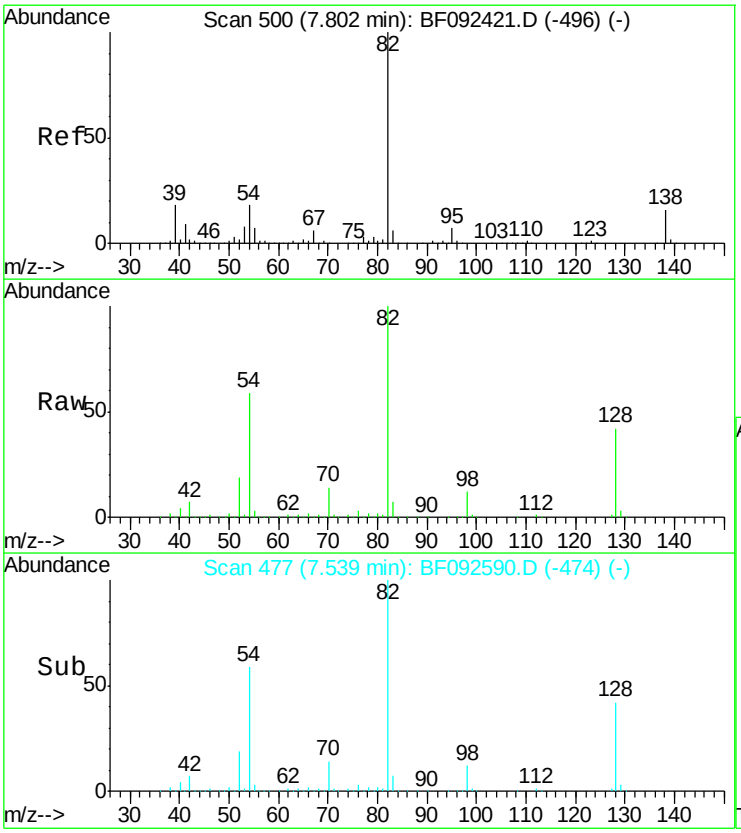
#23
Nitrobenzene-d5
Concen: 92.61 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

Instrument :
BNA_F
ClientSampleId :
CHA-SB-02-2-4

Tgt Ion: 82 Resp: 1124566

Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	52.0
54	59.4	39.5	59.3#

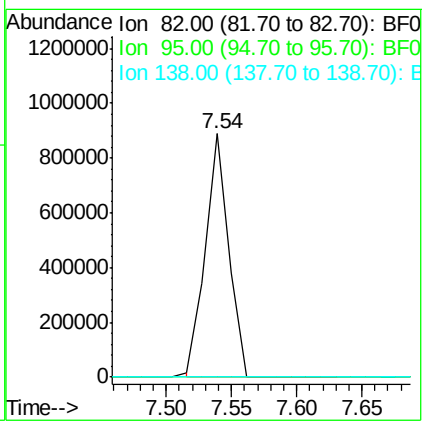


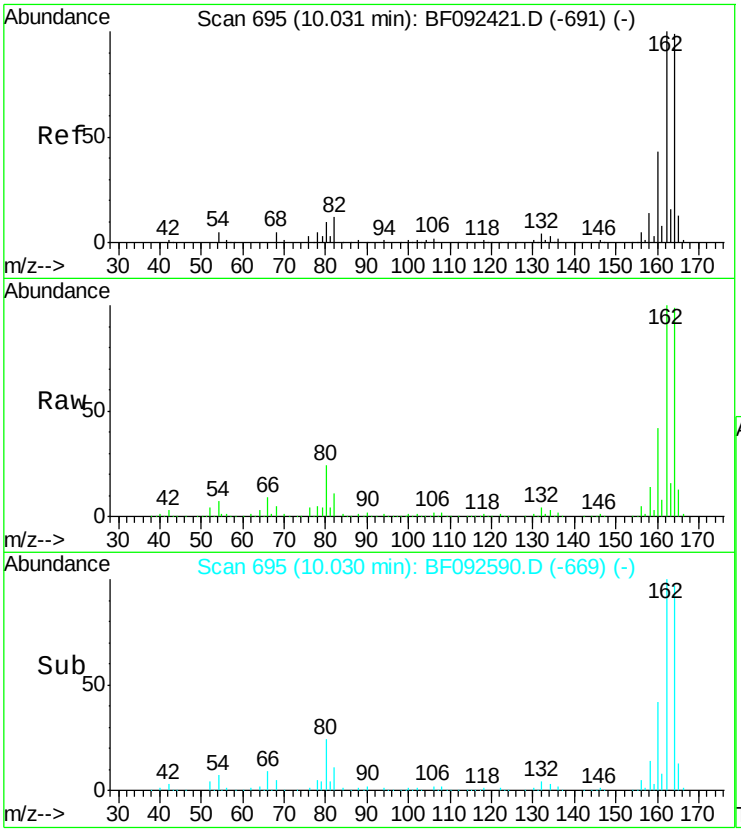


#25
Isophorone
Concen: 46.37 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.26 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

Tgt Ion: 82 Resp: 1109661

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



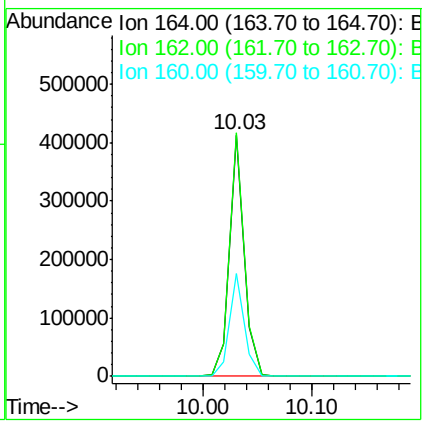


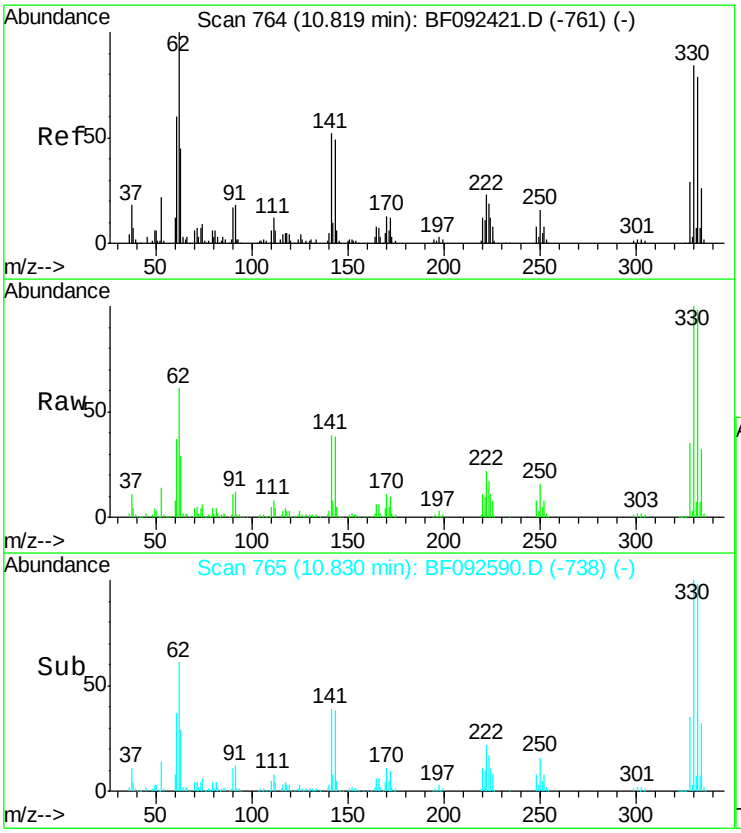
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

Instrument :
BNA_F
ClientSampleId :
CHA-SB-02-2-4

Tgt Ion:164 Resp: 386751

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.2	120.2
160	42.4	36.9	55.3

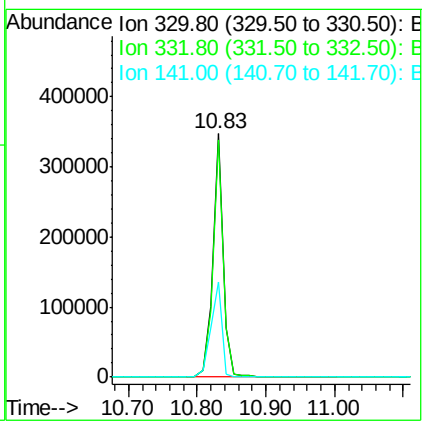


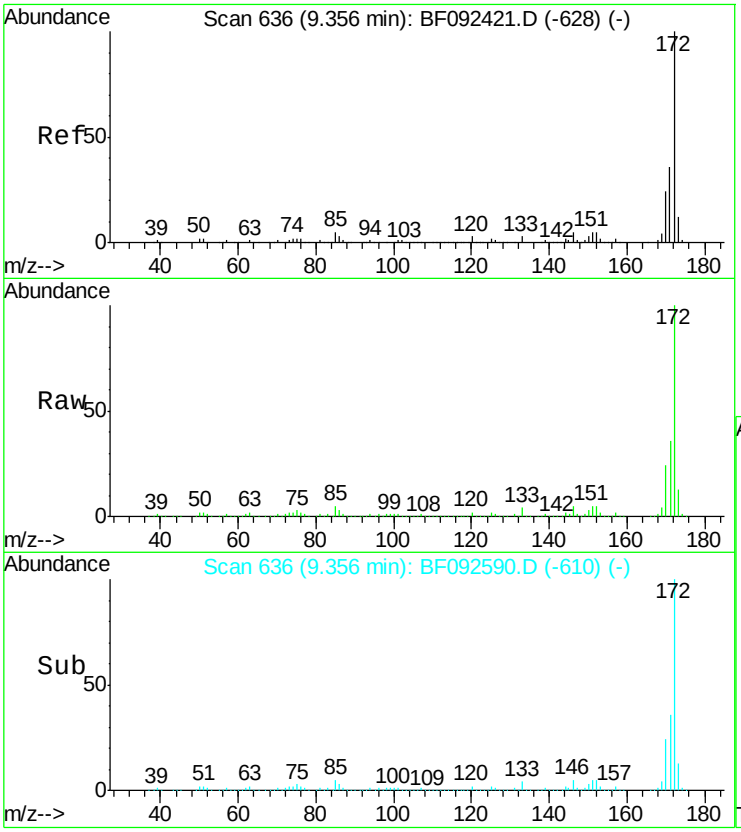


#41
2,4,6-Tribromophenol
Concen: 141.83 ng
RT: 10.83 min Scan# 765
Delta R.T. 0.01 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

Tgt Ion:330 Resp: 373787

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	41.5	34.1	51.1



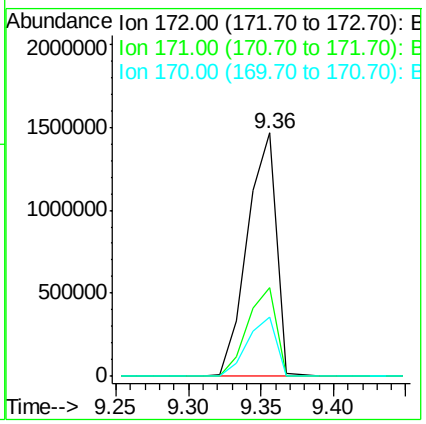


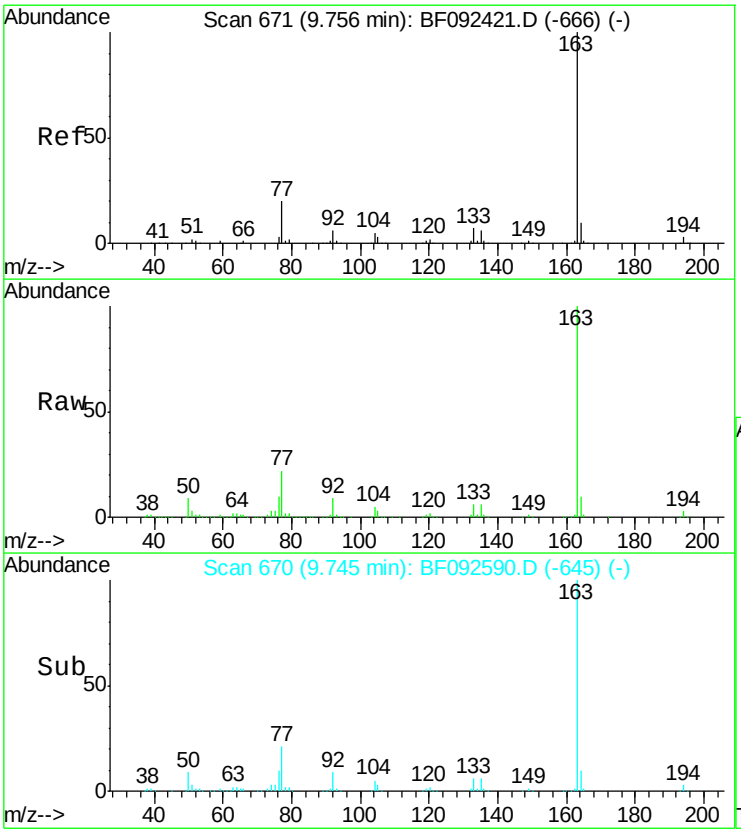
#44
2-Fluorobiphenyl
Concen: 97.37 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

Instrument :
BNA_F
ClientSampleId :
CHA-SB-02-2-4

Tgt Ion:172 Resp: 2036471

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.2	20.2	30.4

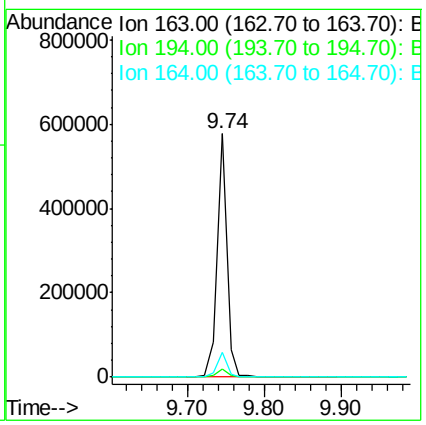


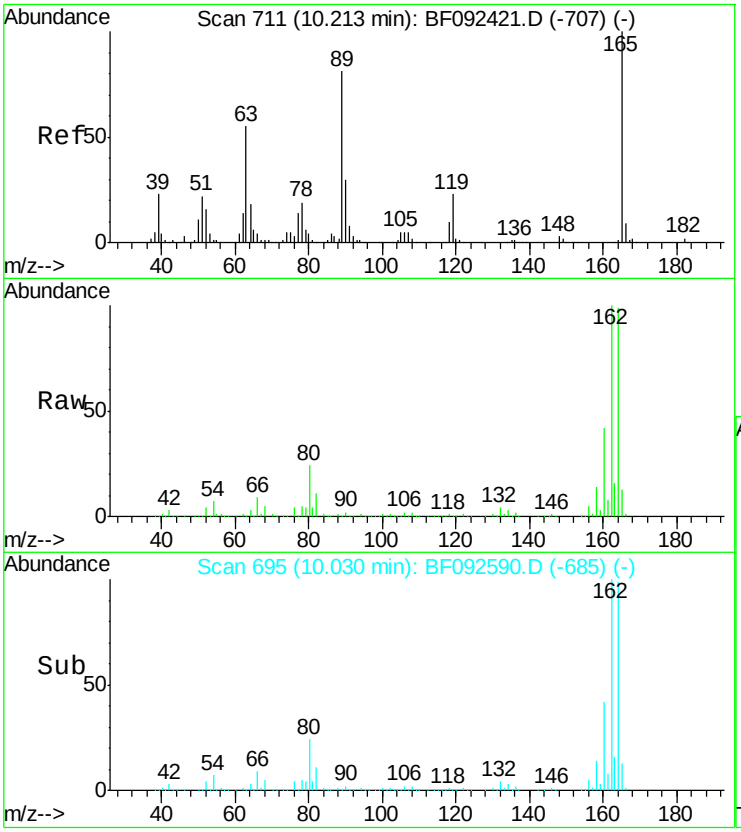


#49
Dimethylphthalate
Concen: 20.71 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

Tgt Ion:163 Resp: 509262

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.3	8.0	12.0



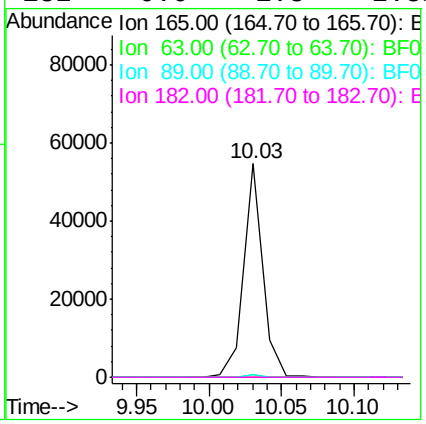


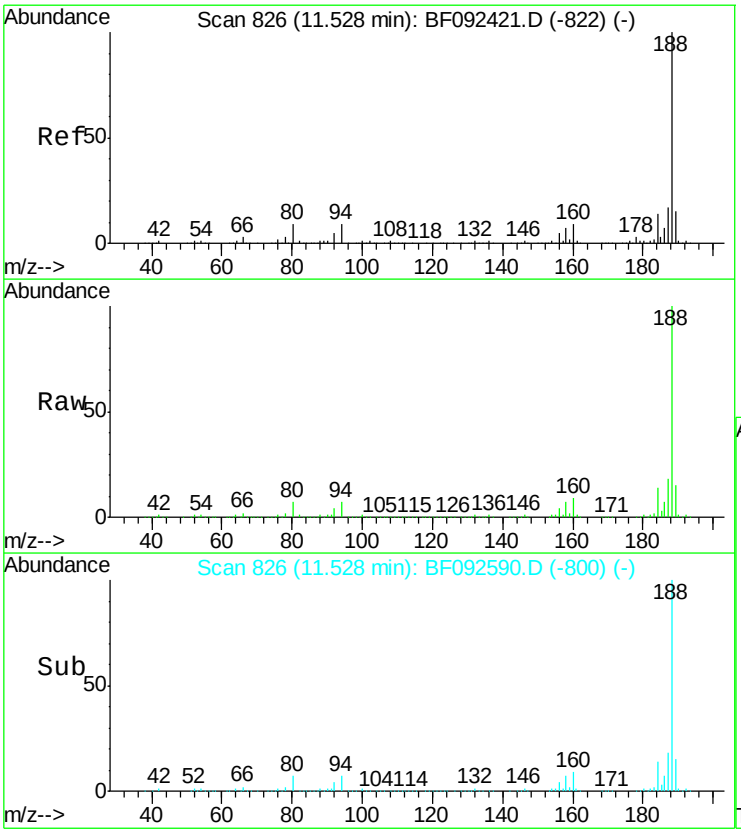
#56
2,4-Dinitrotoluene
Concen: 7.54 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

Instrument :
BNA_F
ClientSampleId :
CHA-SB-02-2-4

Tgt Ion:165 Resp: 50321

Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#

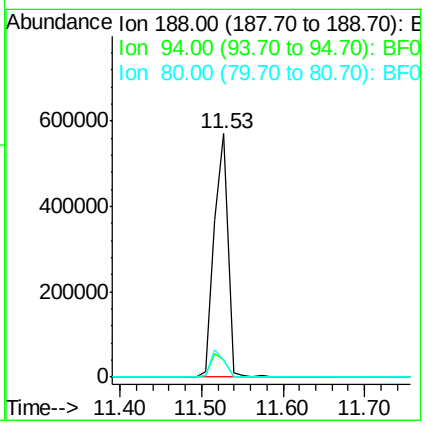


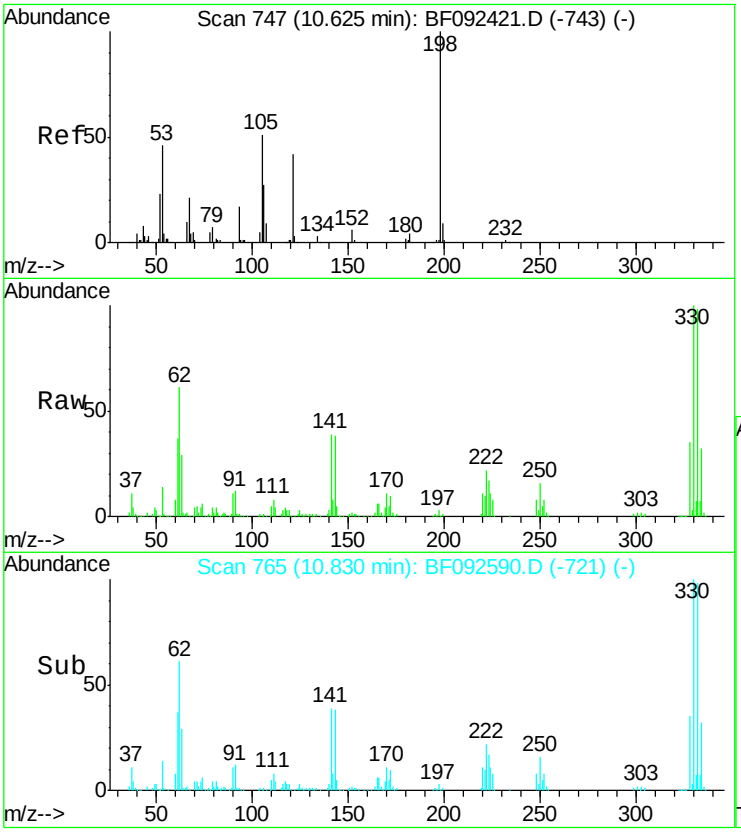


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

Tgt Ion:188 Resp: 667996

Ion	Ratio	Lower	Upper
188	100		
94	7.2	10.0	15.0#
80	7.1	11.2	16.8#



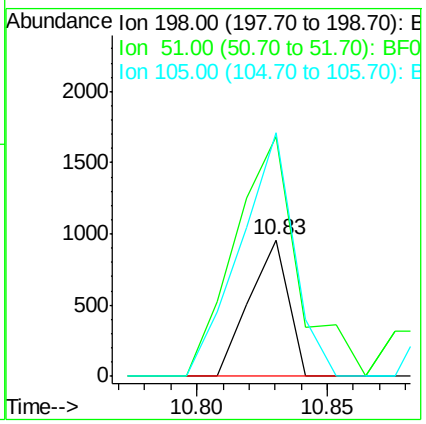


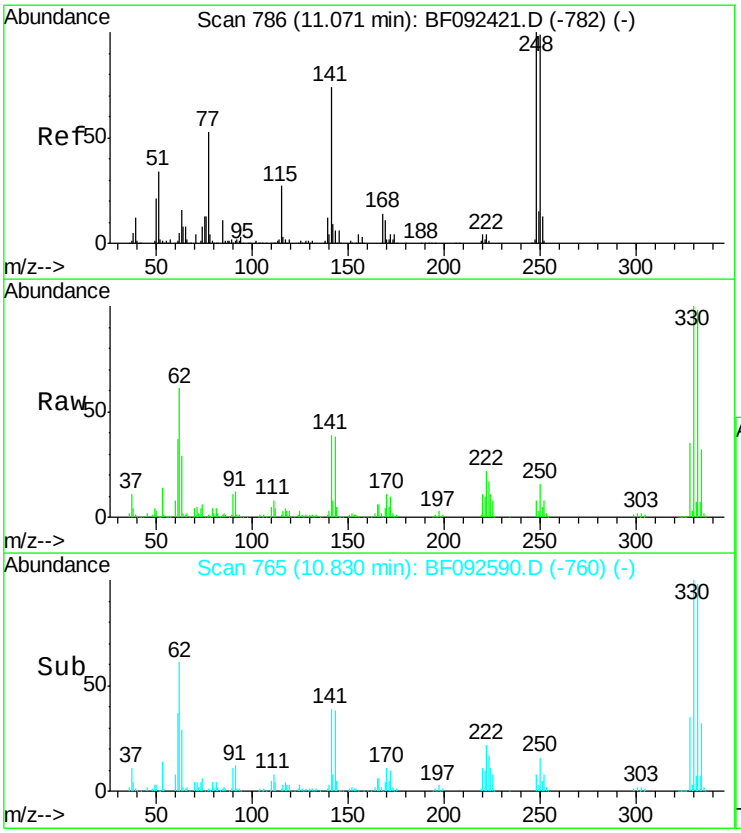
#64
4,6-Dinitro-2-methylphenol
Concen: 5.20 ng
RT: 10.83 min Scan# 765
Delta R.T. 0.21 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

Instrument :
BNA_F
ClientSampleId :
CHA-SB-02-2-4

Tgt Ion:198 Resp: 1001

Ion	Ratio	Lower	Upper
198	100		
51	175.4	6.7	46.7#
105	178.6	16.6	56.6#

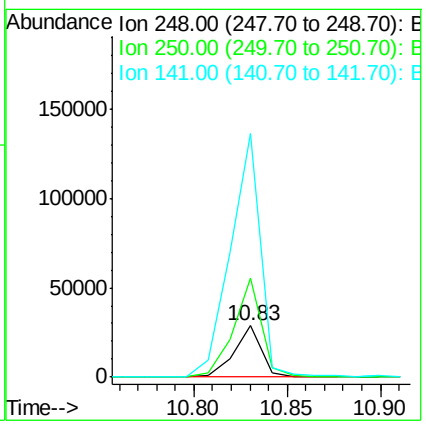


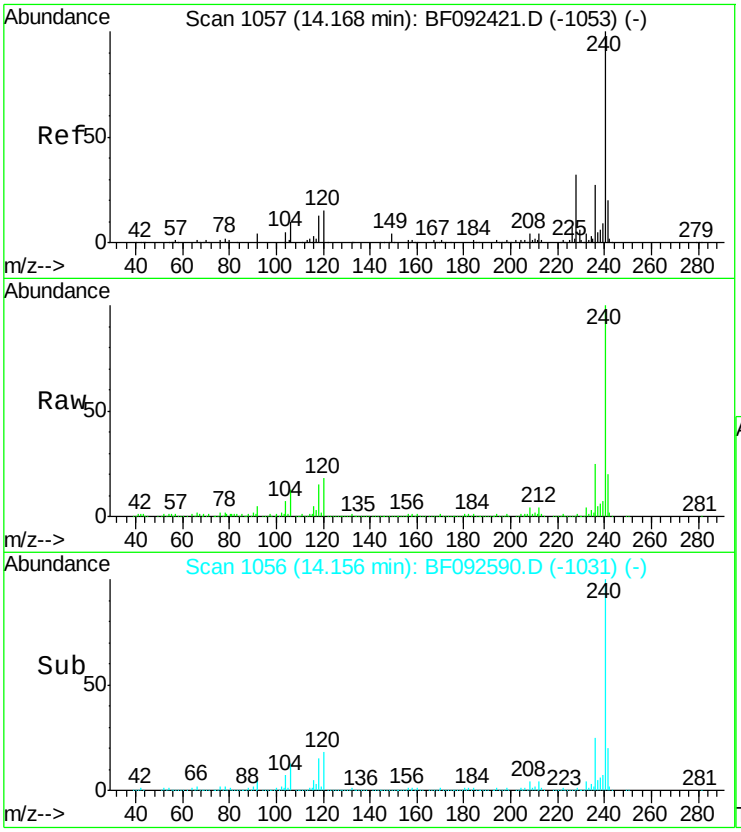


#66
4-Bromophenyl-phenylether
Concen: 4.40 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.24 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

Tgt Ion:248 Resp: 29661

Ion	Ratio	Lower	Upper
248	100		
250	193.6	76.9	115.3#
141	473.7	68.2	102.4#



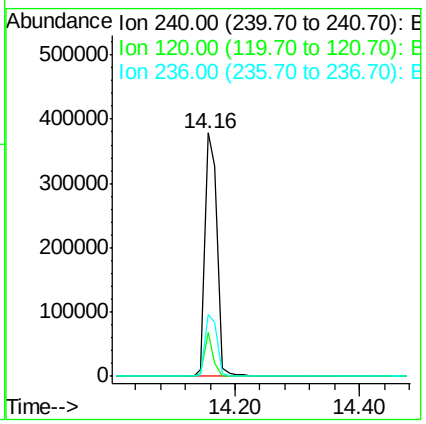


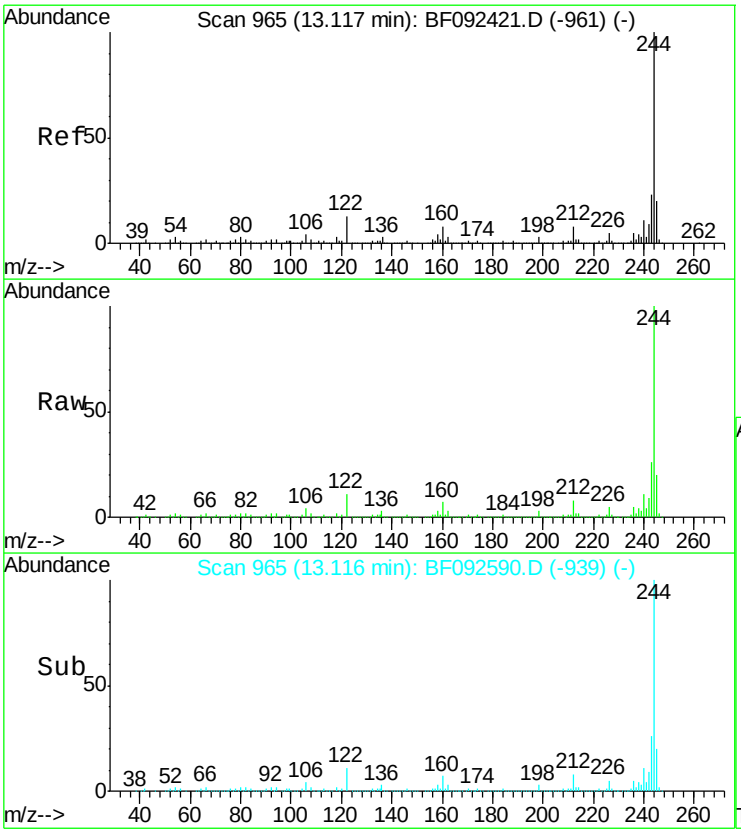
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

Instrument :
BNA_F
ClientSampleId :
CHA-SB-02-2-4

Tgt Ion:240 Resp: 511938

Ion	Ratio	Lower	Upper
240	100		
120	17.9	12.9	19.3
236	25.3	20.9	31.3

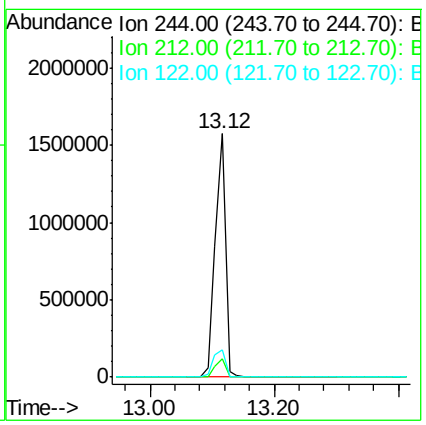


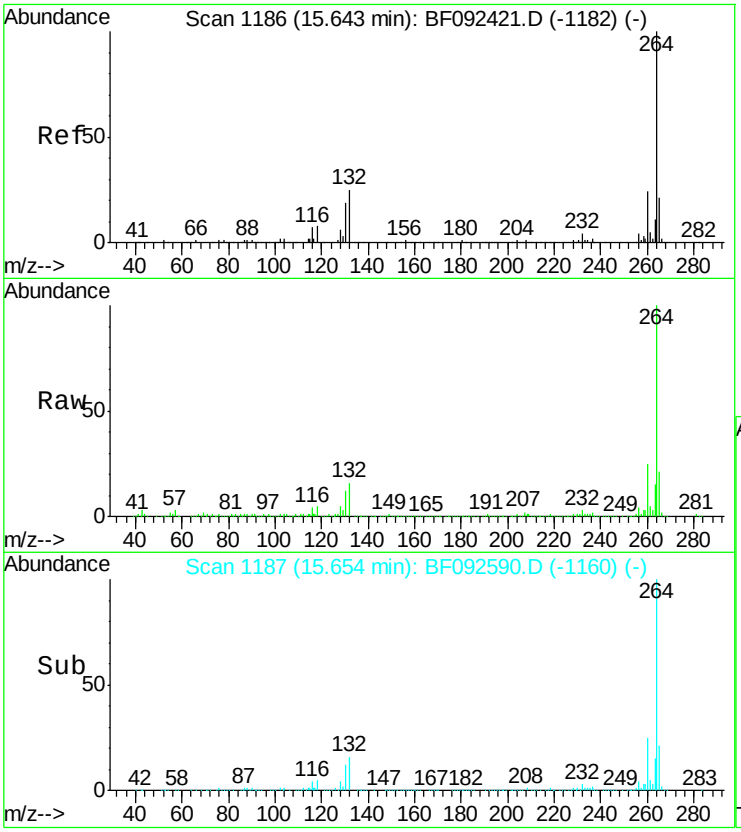


#78
Terphenyl-d14
Concen: 90.86 ng
RT: 13.12 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

Tgt Ion:244 Resp: 1746724

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	11.2	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

Instrument :
BNA_F
ClientSampleId :
CHA-SB-02-2-4

Tgt Ion:264 Resp: 389025

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.4	17.4	26.0