Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
Data File : BF093371.D
Acq On : 3 Mar 2017 21:01
Operator : SJ/MA
Sample : I2086-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SRI-MW-4-20170302

Quant Time: Mar 03 22:13:50 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	185730	20.00	ng	-0.07
21) Naphthalene-d8	8.08	136	708294	20.00	ng	-0.07
38) Acenaphthene-d10	9.82	164	357737	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	629646	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	533395	20.00	ng	-0.08
86) Perylene-d12	15.36	264	394305	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	759301	70.14	ng	-0.07
7) Phenol-d6	6.43	99	641145	46.03	ng	-0.06
23) Nitrobenzene-d5	7.36	82	1094445	86.05	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	334001	129.09	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1942662	98.38	ng	-0.07
78) Terphenyl-d14	12.89	244	1427570	62.89	ng	-0.08
Target Compounds						Qvalue
9) Benzaldehyde	6.56	77	27680	2.77	ng	# 80
19) n-Nitroso-di-n-propylamine	7.36	70	150310	16.95	ng	# 79
25) Isophorone	7.36	82	863889	36.45	ng	# 65
49) Dimethylphthalate	9.54	163	84131	3.49	ng	# 99
50) 2,6-Dinitrotoluene	9.82	165	45176	8.68	ng	# 32
56) 2,4-Dinitrotoluene	9.82	165	45178	6.52	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.61	198	614	2.82	ng	# 1
66) 4-Bromophenyl-phenylether	10.61	248	24676	3.75	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
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Acq On : 3 Mar 2017 21:01
Operator : SJ/MA
Sample : I2086-03
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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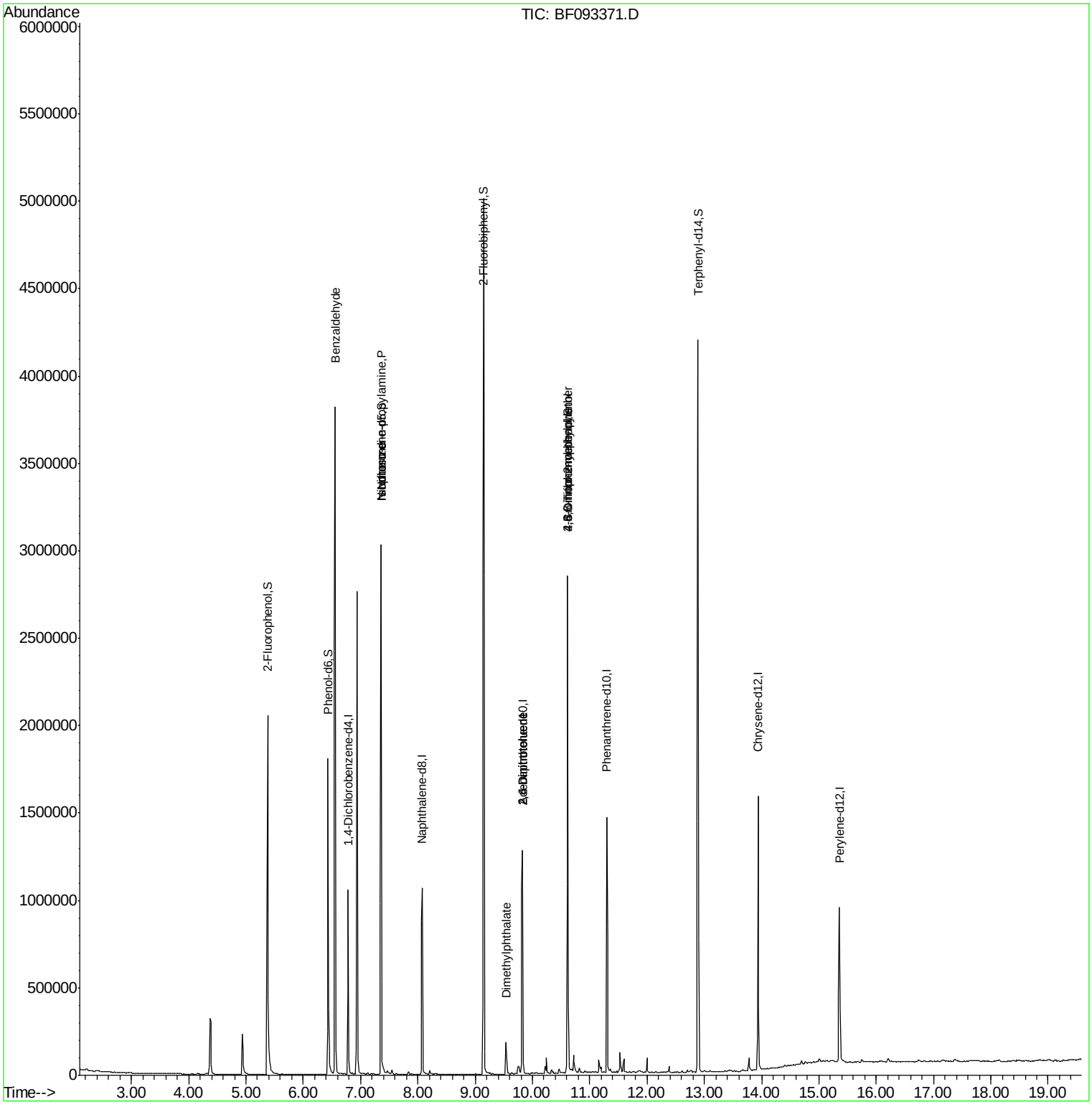
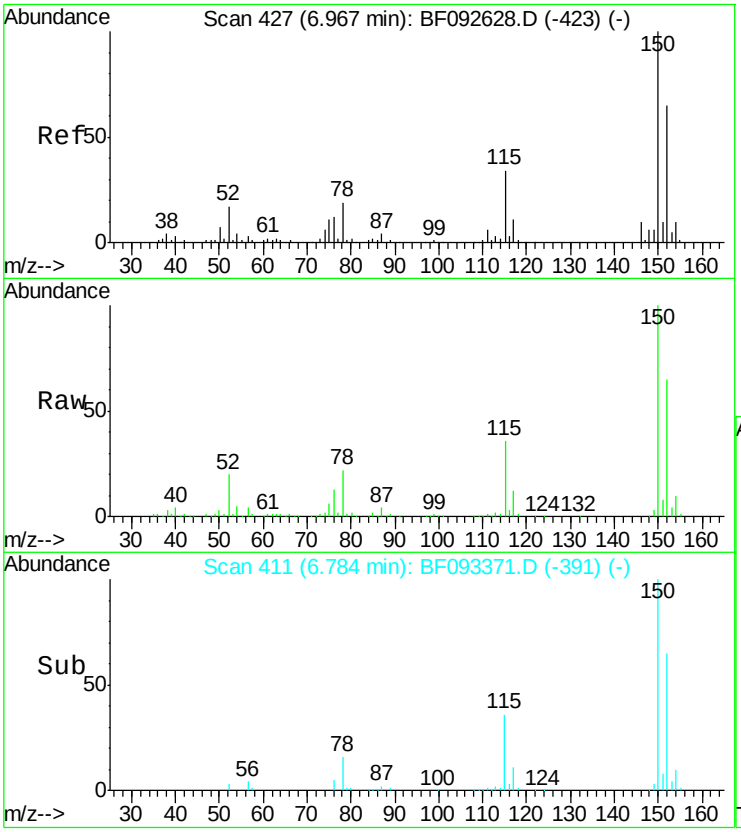
Response via : Initial Calibration



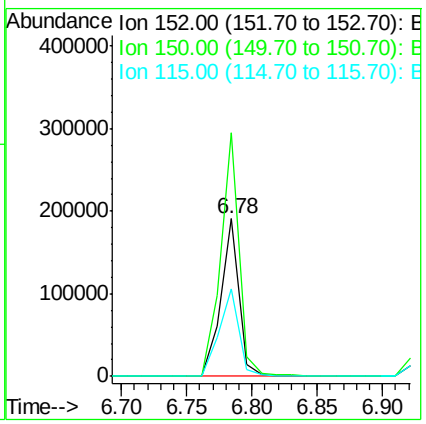


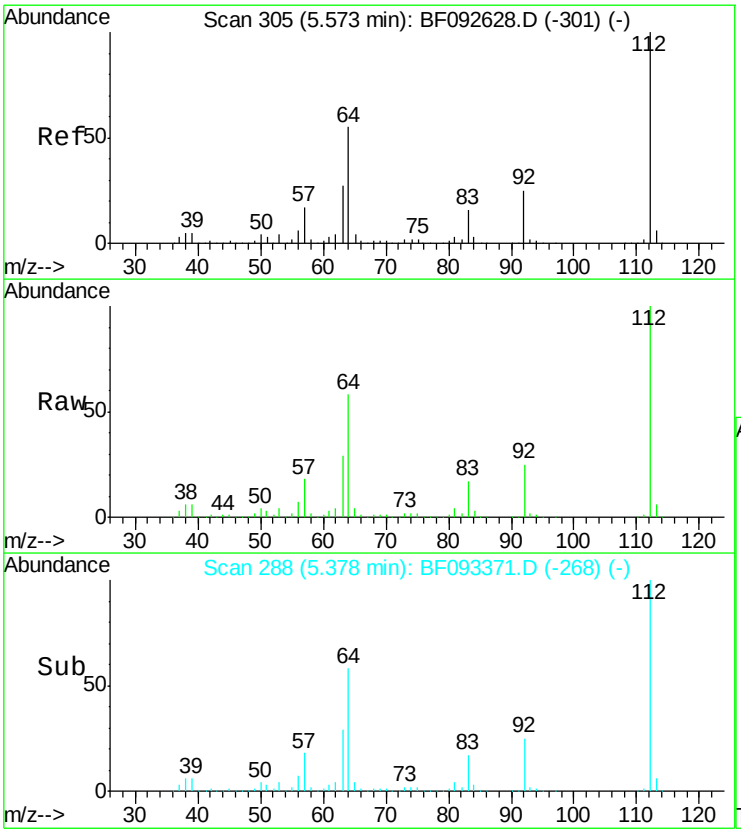
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.07 min
Lab File: BF093371.D
Acq: 3 Mar 2017 21:01

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302

Tgt Ion:152 Resp: 185730

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.9	187.3
115	55.7	46.0	69.0

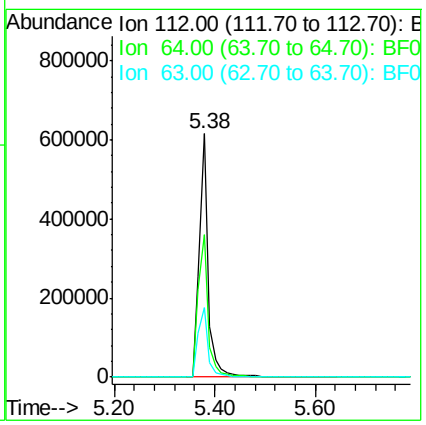


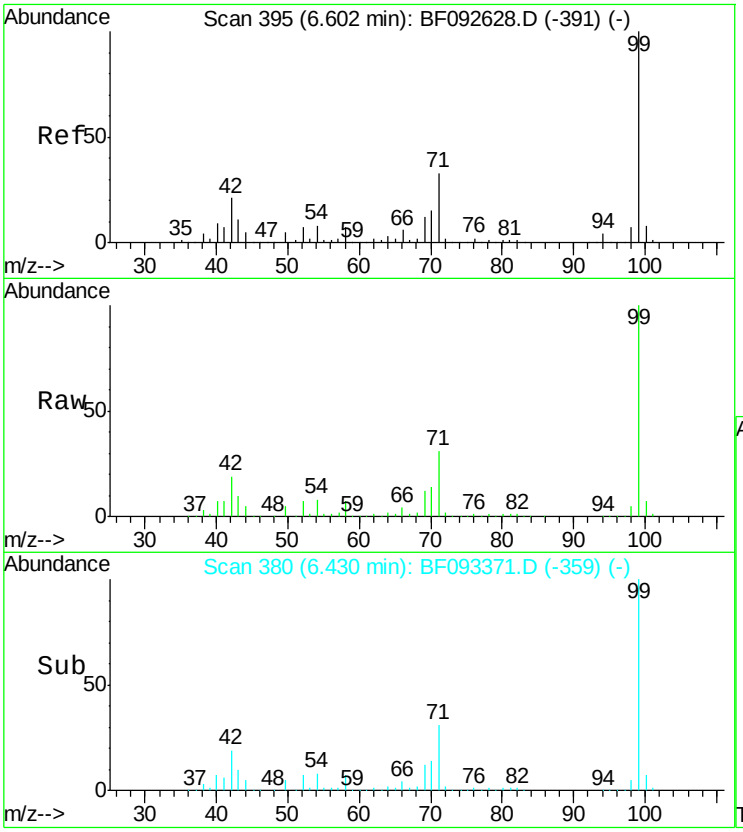


#5
2-Fluorophenol
Concen: 70.14 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.07 min
Lab File: BF093371.D
Acq: 3 Mar 2017 21:01

Tgt Ion:112 Resp: 759301

Ion	Ratio	Lower	Upper
112	100		
64	58.4	46.1	69.1
63	28.7	23.8	35.6



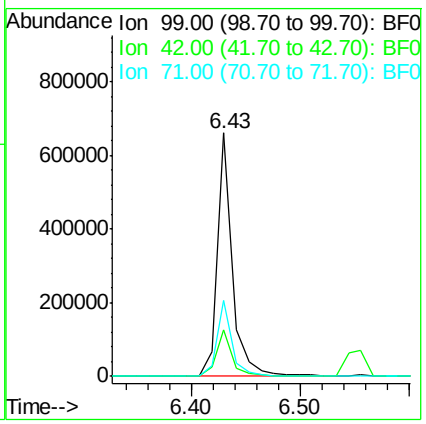


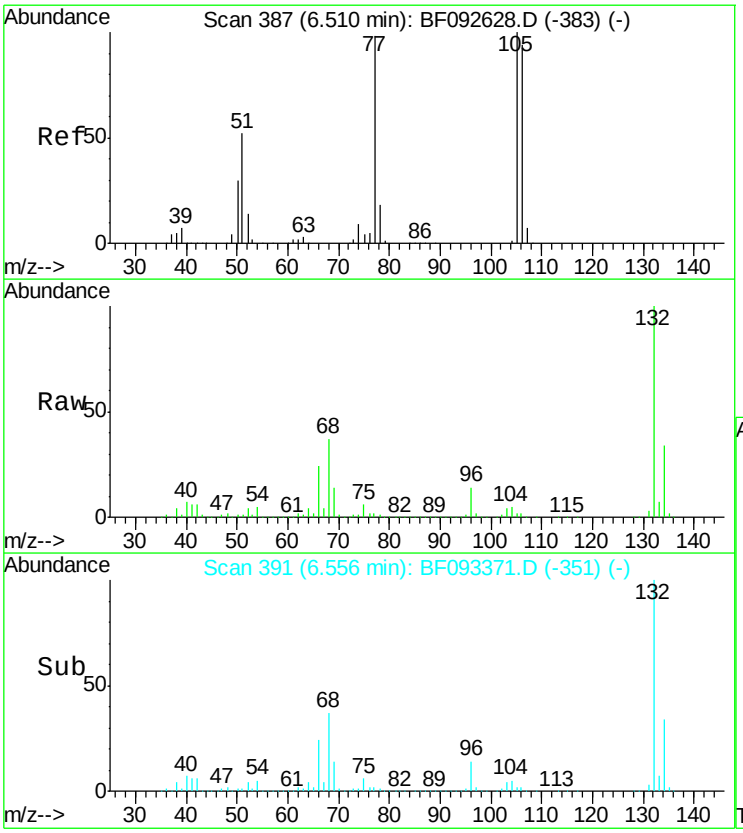
#7
Phenol-d6
Concen: 46.03 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.06 min
Lab File: BF093371.D
Acq: 3 Mar 2017 21:01

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302

Tgt Ion: 99 Resp: 641145

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.6	23.4
71	31.0	27.5	41.3

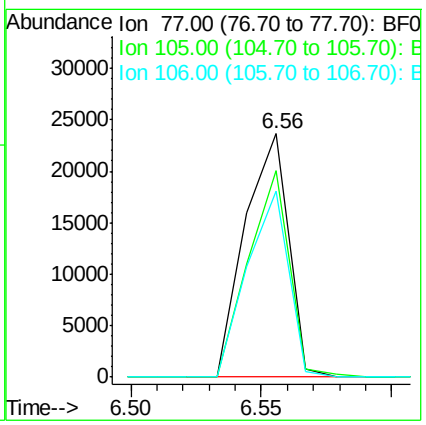


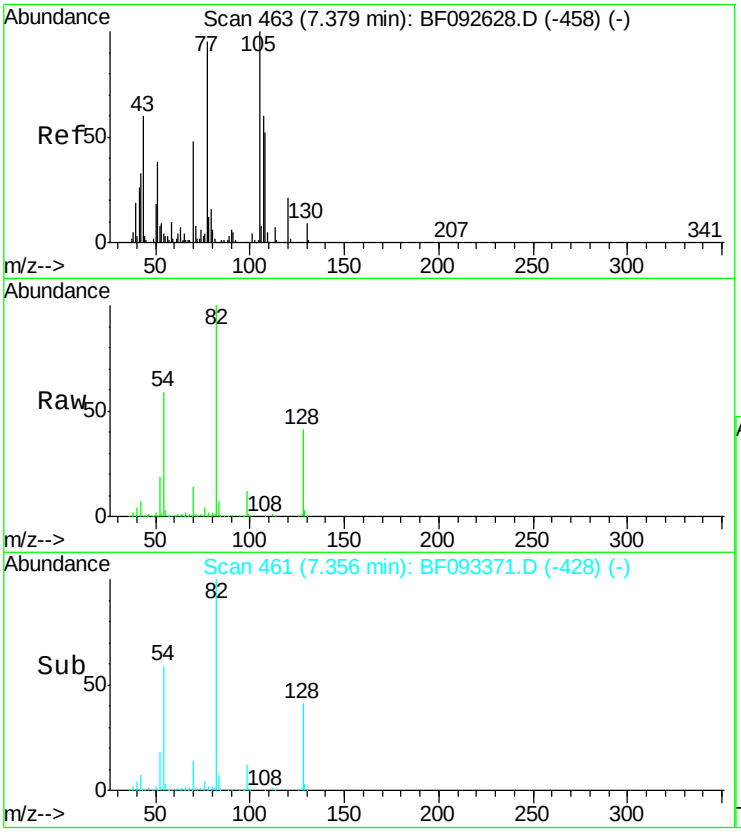


#9
Benzaldehyde
Concen: 2.77 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.16 min
Lab File: BF093371.D
Acq: 3 Mar 2017 21:01

Tgt Ion: 77 Resp: 27680

Ion	Ratio	Lower	Upper
77	100		
105	84.8	83.9	123.9
106	76.5	77.6	117.6#



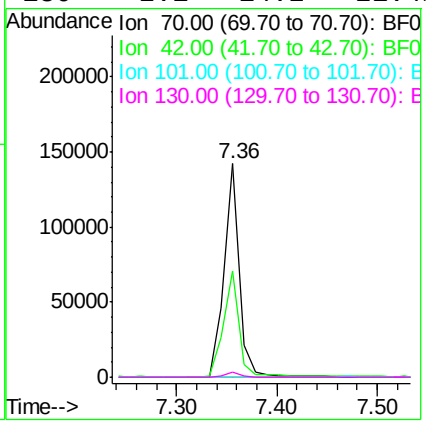


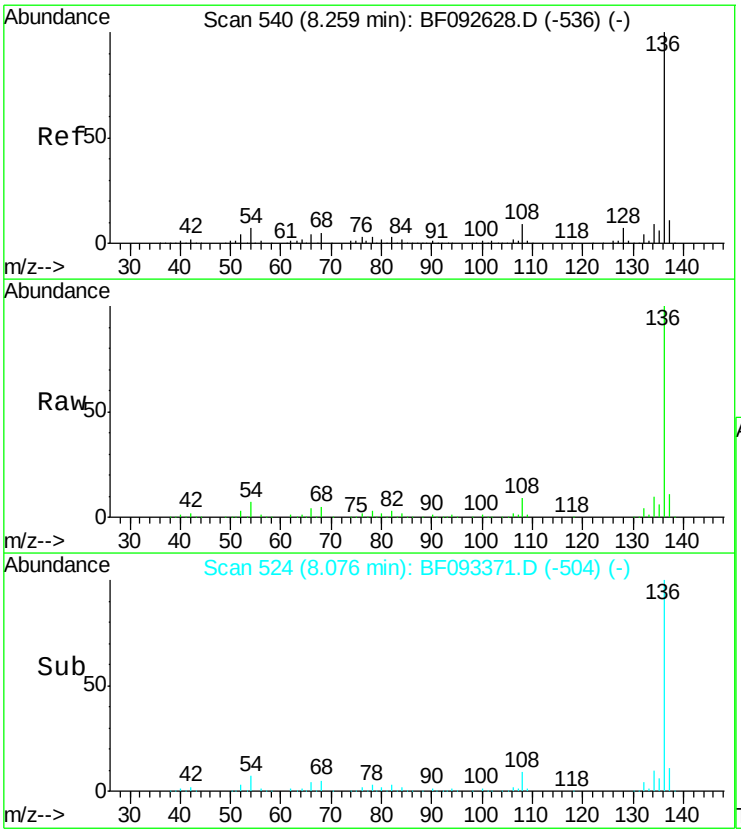
#19
n-Nitroso-di-n-propylamine
Concen: 16.95 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.08 min
Lab File: BF093371.D
Acq: 3 Mar 2017 21:01

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302

Tgt Ion: 70 Resp: 150310

Ion	Ratio	Lower	Upper
70	100		
42	49.6	49.4	74.0
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#

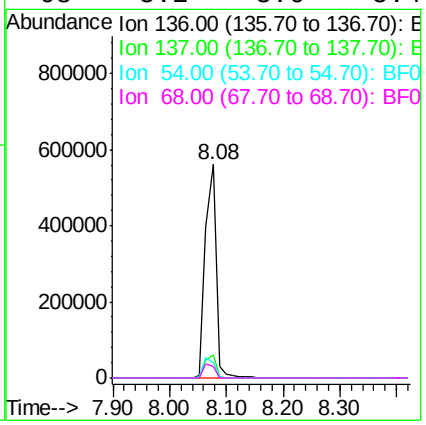


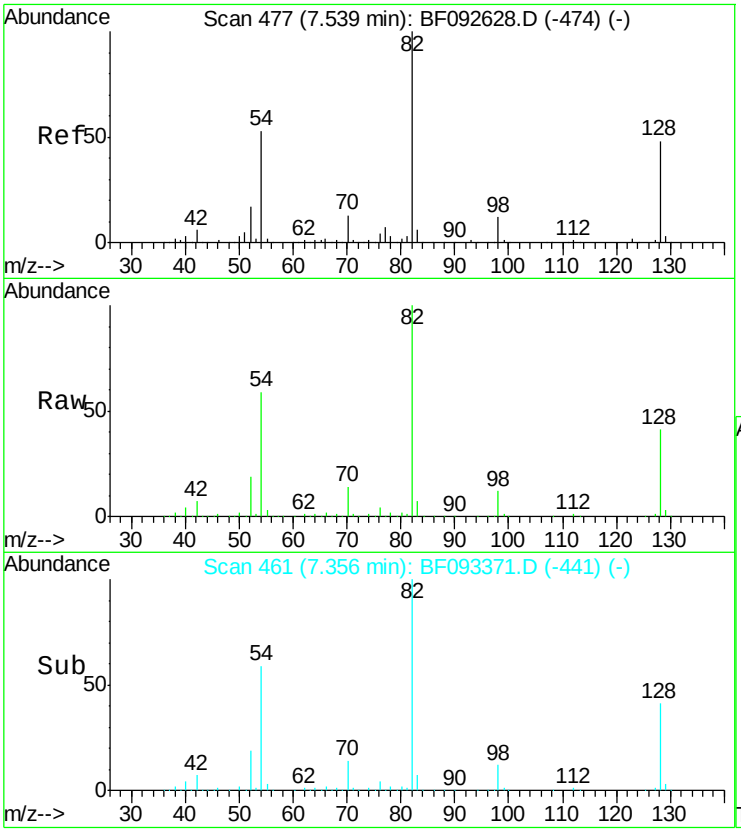


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.07 min
Lab File: BF093371.D
Acq: 3 Mar 2017 21:01

Tgt Ion:136 Resp: 708294

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.1	4.5	6.7#
68	5.2	3.6	5.4



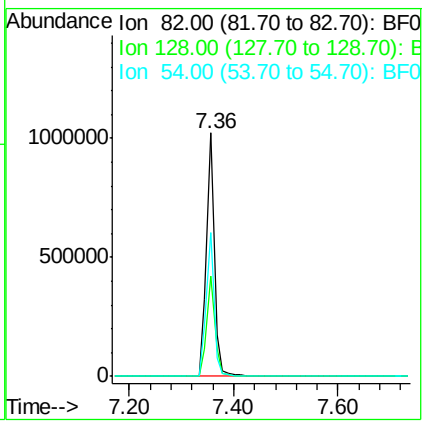


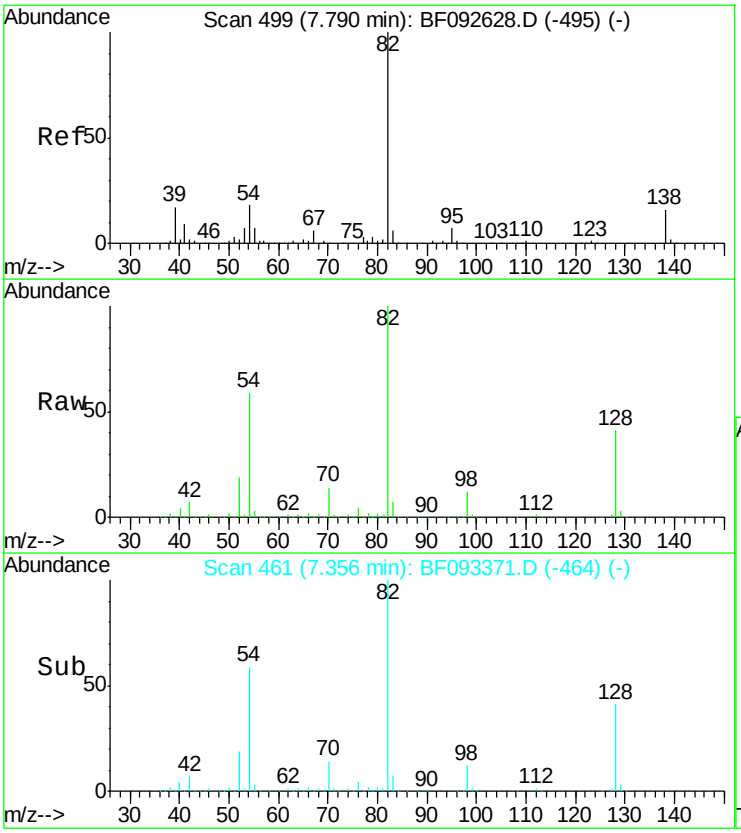
#23
Nitrobenzene-d5
Concen: 86.05 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.07 min
Lab File: BF093371.D
Acq: 3 Mar 2017 21:01

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302

Tgt Ion: 82 Resp: 1094445

Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.6	52.0
54	58.8	39.5	59.3

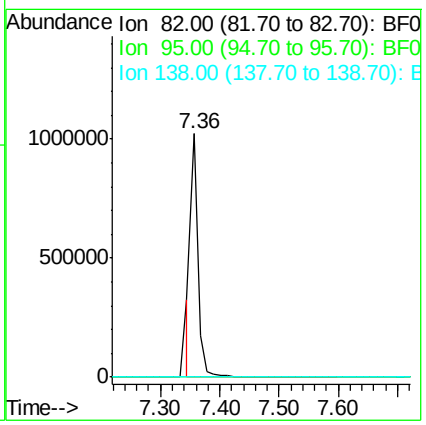


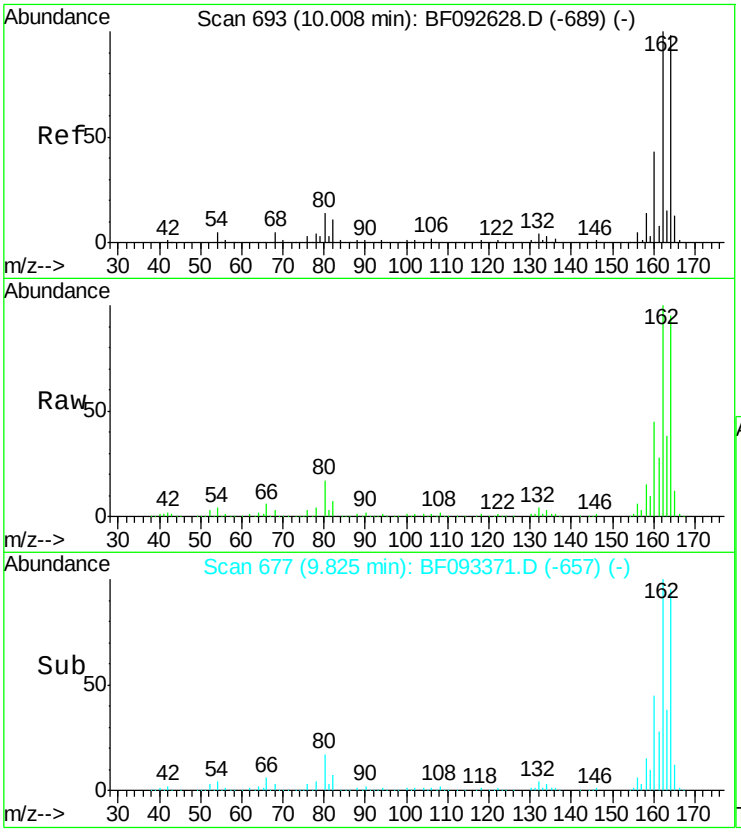


#25
Isophorone
Concen: 36.45 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.33 min
Lab File: BF093371.D
Acq: 3 Mar 2017 21:01

Tgt Ion: 82 Resp: 863889

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



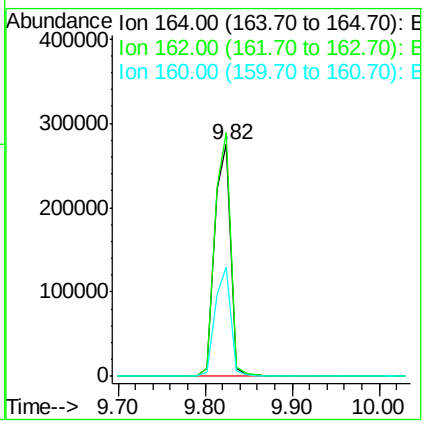


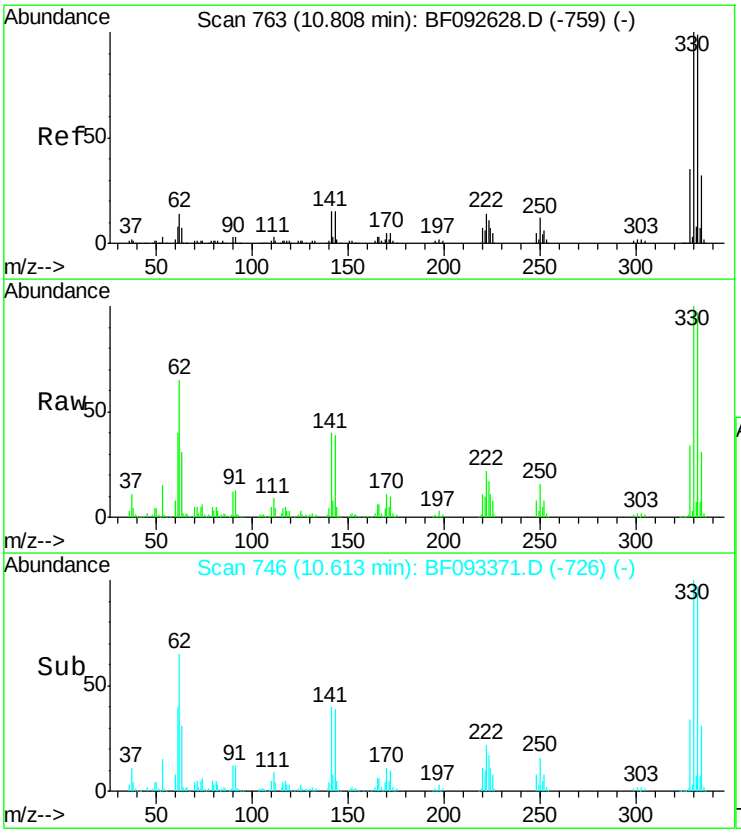
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.07 min
Lab File: BF093371.D
Acq: 3 Mar 2017 21:01

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302

Tgt Ion:164 Resp: 357737

Ion	Ratio	Lower	Upper
164	100		
162	105.2	80.2	120.2
160	47.1	36.9	55.3

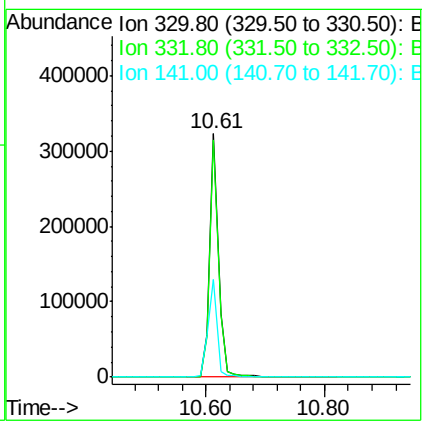


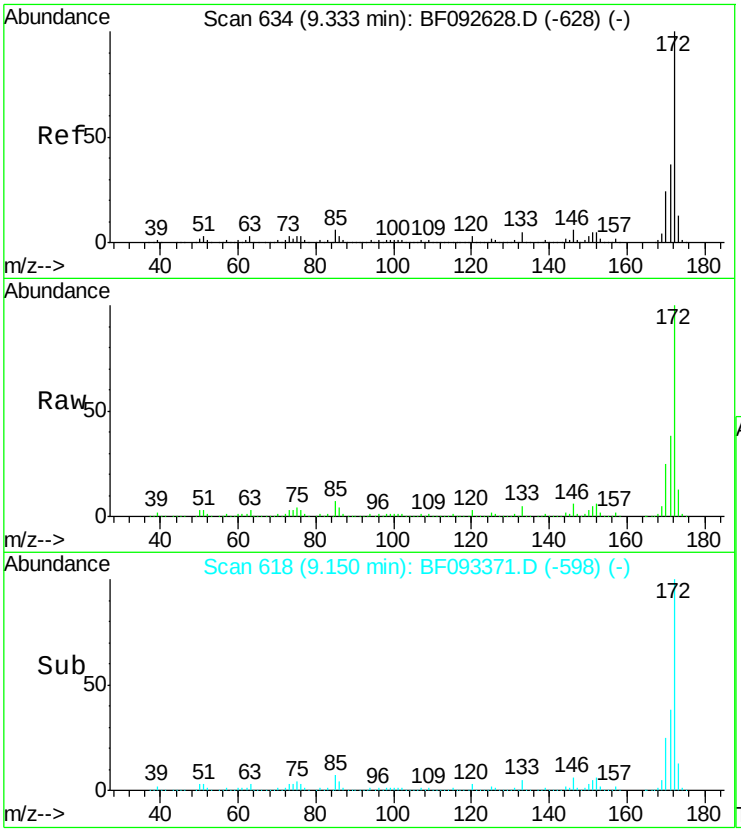


#41
2,4,6-Tribromophenol
Concen: 129.09 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.07 min
Lab File: BF093371.D
Acq: 3 Mar 2017 21:01

Tgt Ion:330 Resp: 334001

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	41.9	34.1	51.1



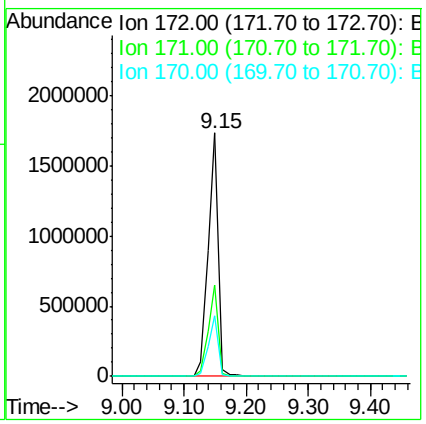


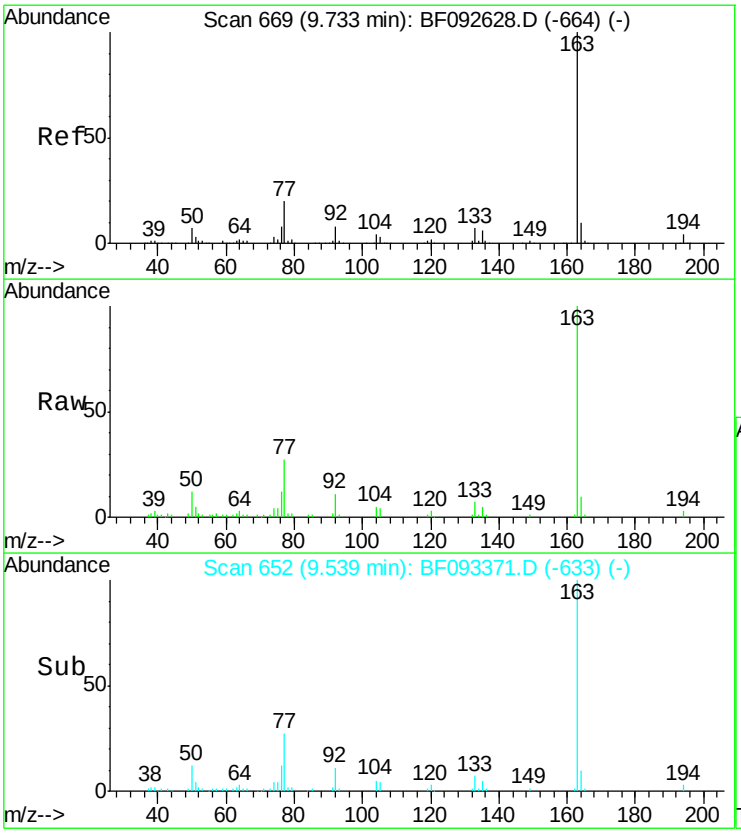
#44
2-Fluorobiphenyl
Concen: 98.38 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.07 min
Lab File: BF093371.D
Acq: 3 Mar 2017 21:01

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302

Tgt Ion:172 Resp: 1942662

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.4	44.0
170	24.9	20.2	30.4

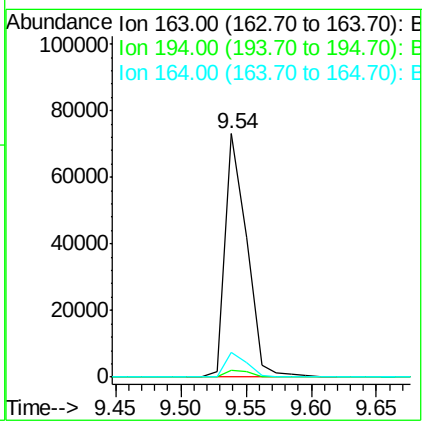


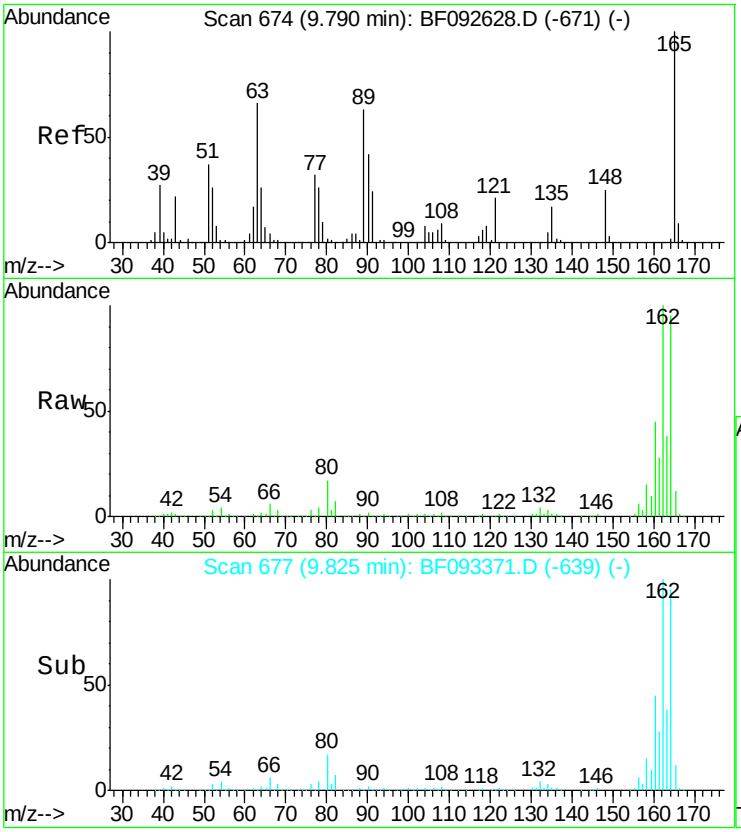


#49
Dimethylphthalate
Concen: 3.49 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.08 min
Lab File: BF093371.D
Acq: 3 Mar 2017 21:01

Tgt Ion:163 Resp: 84131

Ion	Ratio	Lower	Upper
163	100		
194	2.8	3.0	4.4#
164	10.4	8.0	12.0



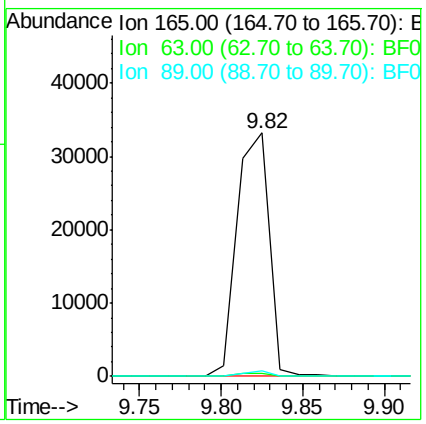


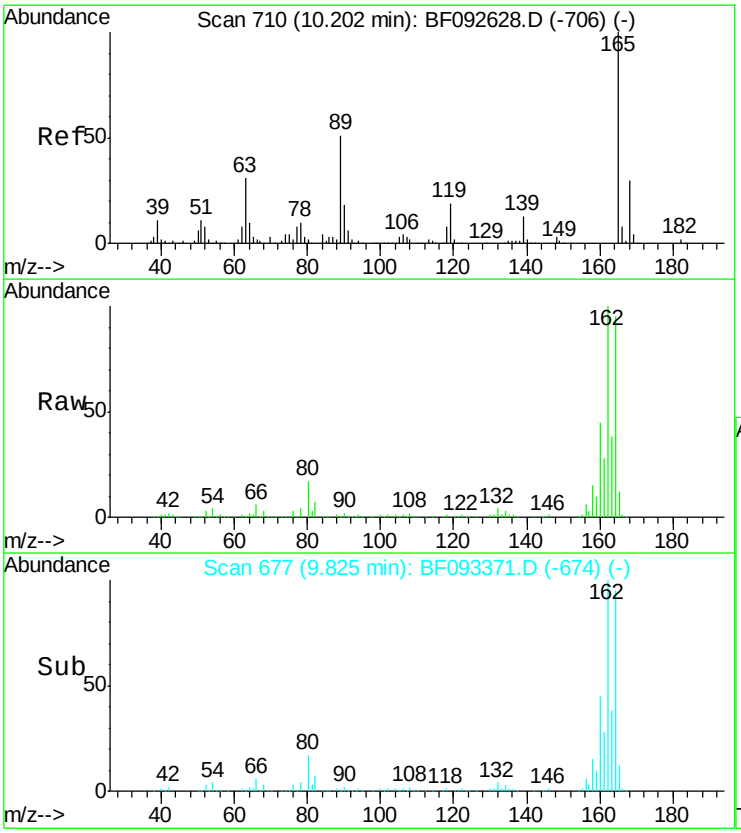
#50
2,6-Dinitrotoluene
Concen: 8.68 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.14 min
Lab File: BF093371.D
Acq: 3 Mar 2017 21:01

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302

Tgt Ion:165 Resp: 45176

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.2	54.4#
89	2.3	40.2	60.4#

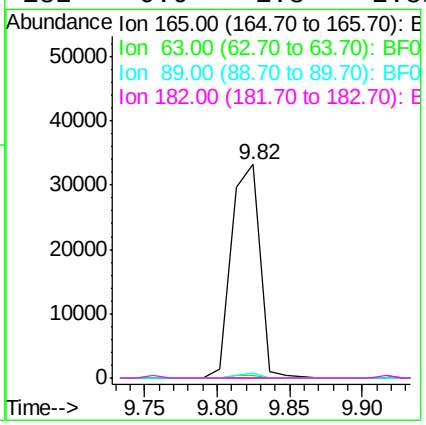


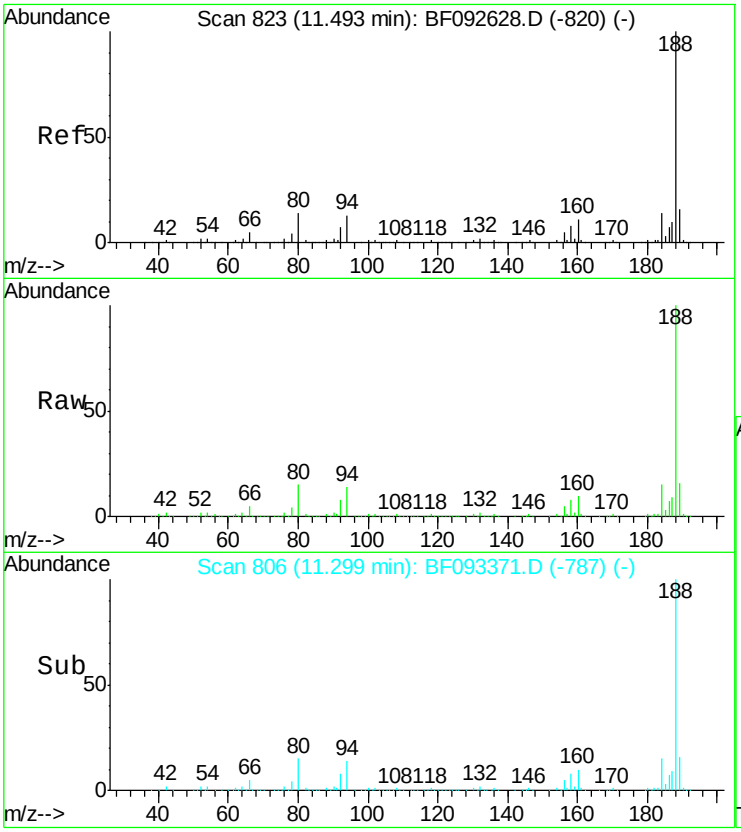


#56
2,4-Dinitrotoluene
Concen: 6.52 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.26 min
Lab File: BF093371.D
Acq: 3 Mar 2017 21:01

Tgt Ion:165 Resp: 45178

Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.2	60.4#
89	2.3	62.5	93.7#
182	0.0	1.8	2.8#



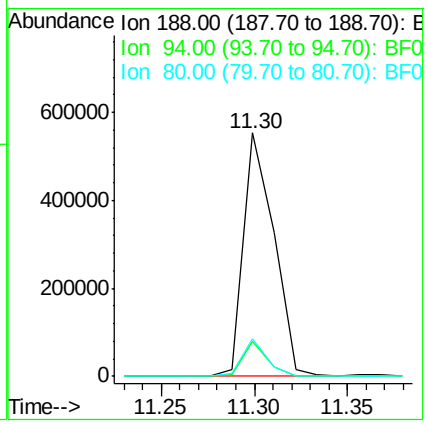


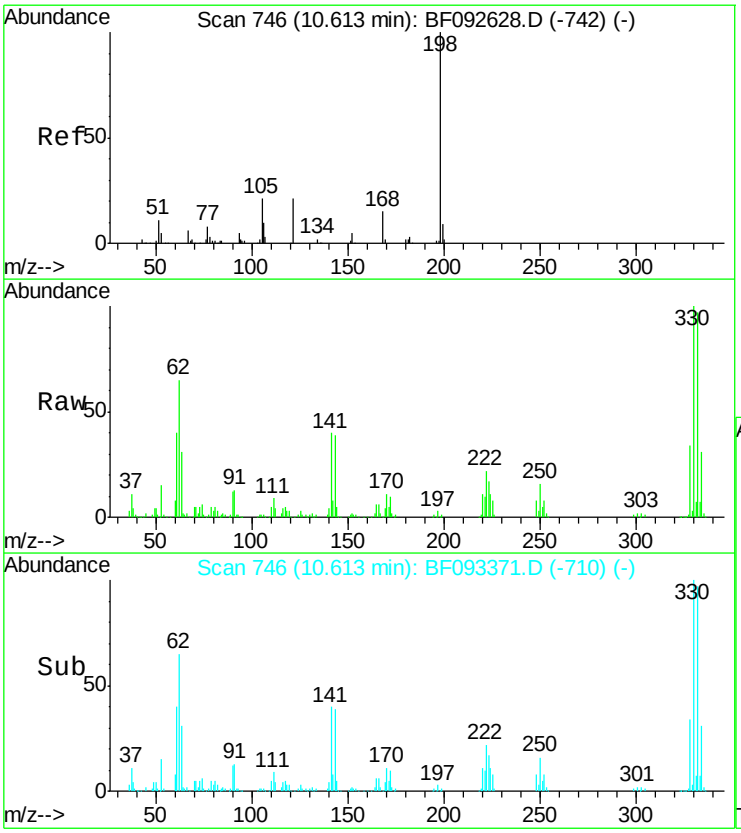
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.08 min
Lab File: BF093371.D
Acq: 3 Mar 2017 21:01

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302

Tgt Ion:188 Resp: 629646

Ion	Ratio	Lower	Upper
188	100		
94	14.3	10.0	15.0
80	15.5	11.2	16.8

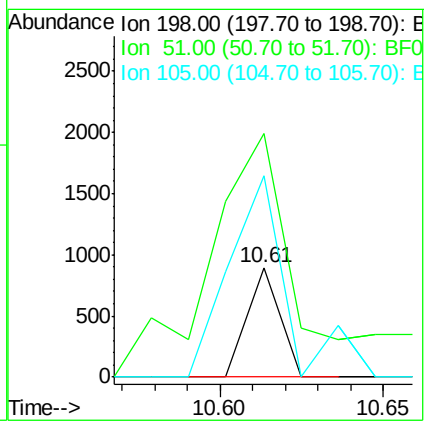


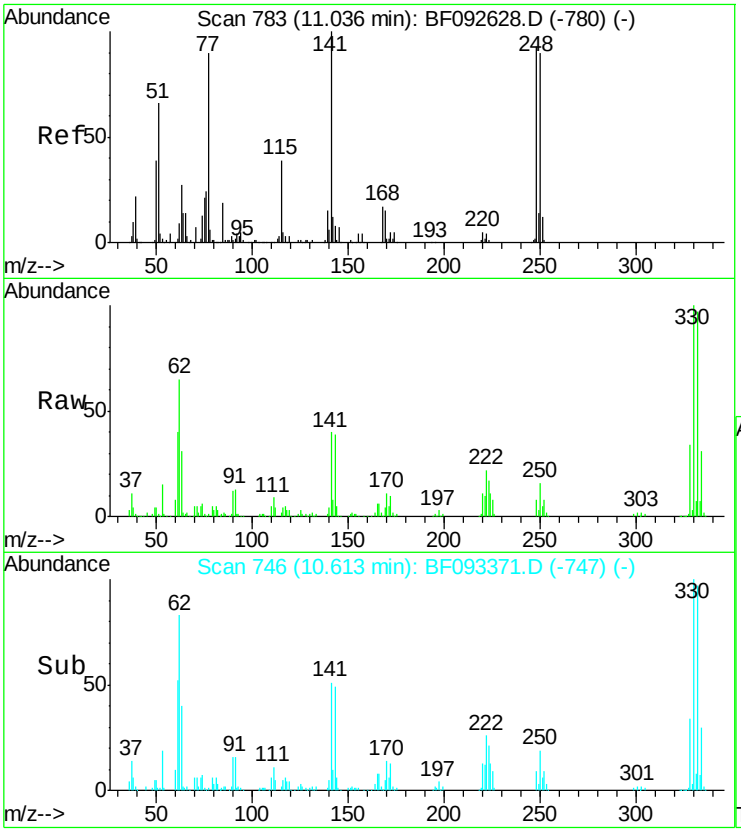


#64
4,6-Dinitro-2-methylphenol
Concen: 2.82 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.11 min
Lab File: BF093371.D
Acq: 3 Mar 2017 21:01

Tgt Ion:198 Resp: 614

Ion	Ratio	Lower	Upper
198	100		
51	222.2	6.7	46.7#
105	184.3	16.6	56.6#



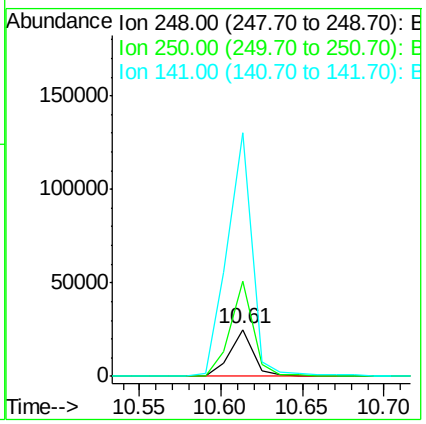


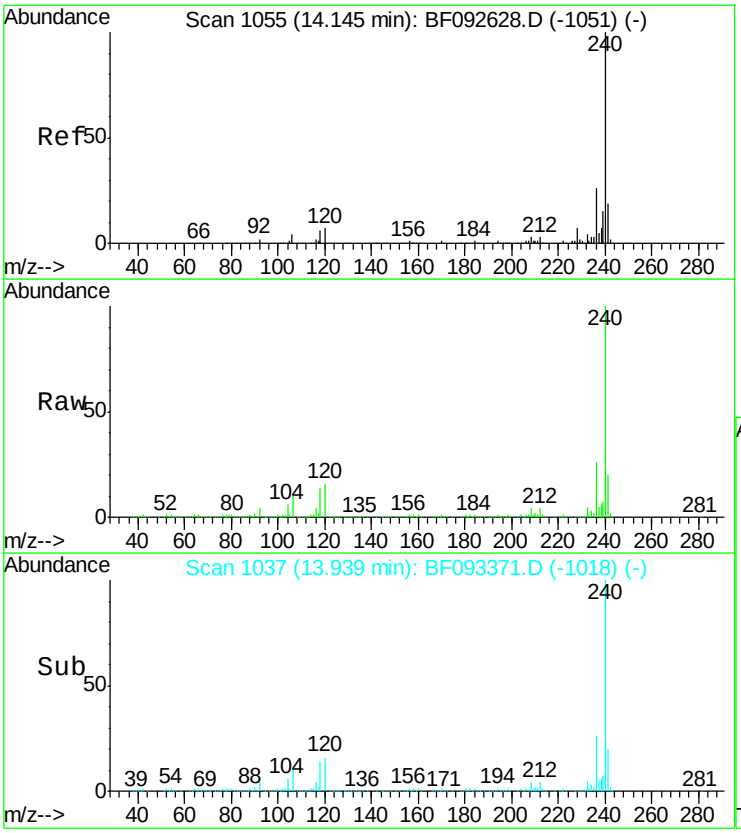
#66
4-Bromophenyl-phenylether
Concen: 3.75 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.31 min
Lab File: BF093371.D
Acq: 3 Mar 2017 21:01

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302

Tgt Ion:248 Resp: 24676

Ion	Ratio	Lower	Upper
248	100		
250	203.4	76.9	115.3#
141	517.4	68.2	102.4#

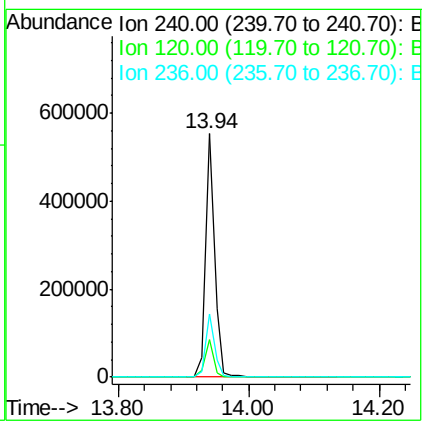


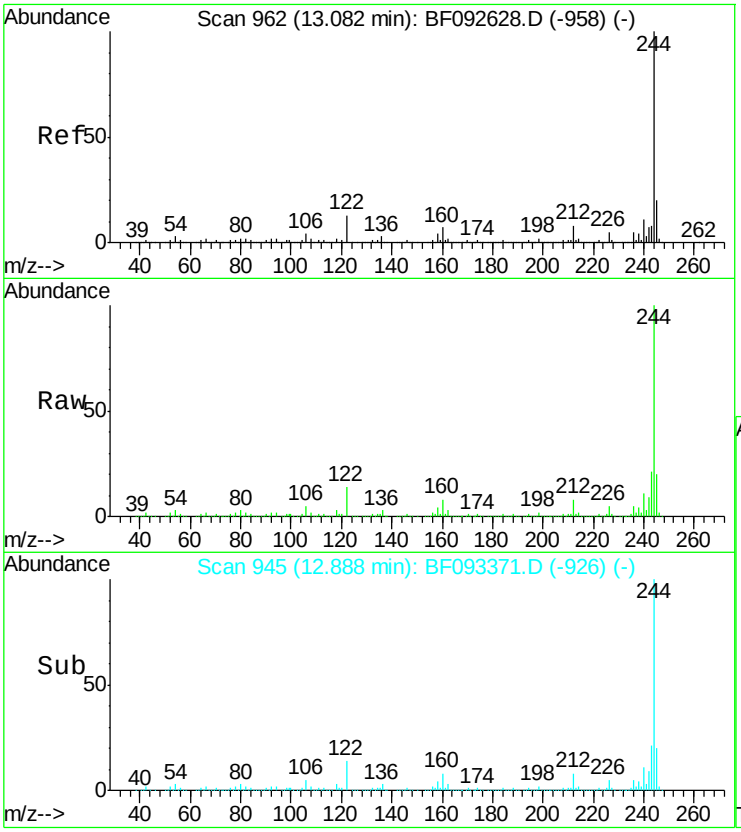


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.08 min
Lab File: BF093371.D
Acq: 3 Mar 2017 21:01

Tgt Ion:240 Resp: 533395

Ion	Ratio	Lower	Upper
240	100		
120	15.6	12.9	19.3
236	26.1	20.9	31.3



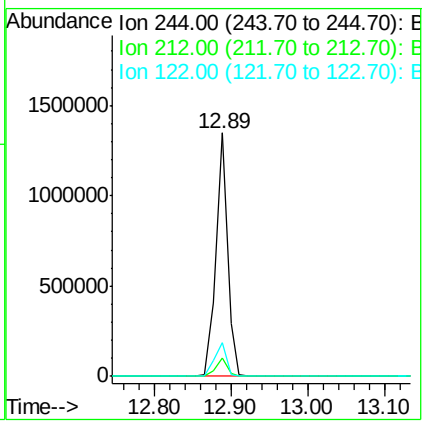


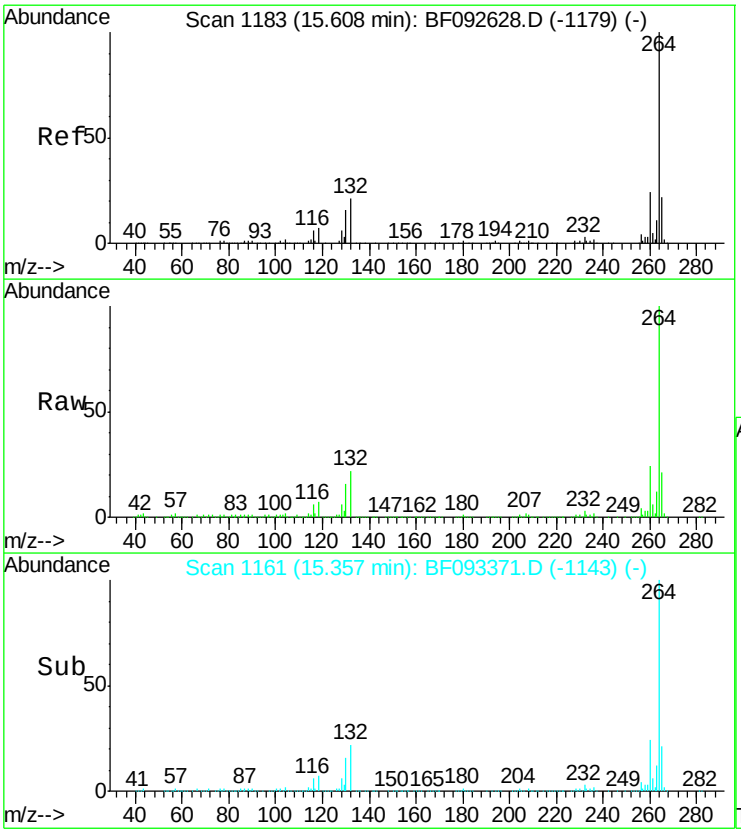
#78
Terphenyl-d14
Concen: 62.89 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.08 min
Lab File: BF093371.D
Acq: 3 Mar 2017 21:01

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302

Tgt Ion:244 Resp: 1427570

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	13.8	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.09 min
Lab File: BF093371.D
Acq: 3 Mar 2017 21:01

Tgt Ion:264 Resp: 394305

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	17.4	26.0