Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091517\
Data File : BF098576.D
Acq On : 15 Sep 2017 18:39
Operator : SJ/JU
Sample : I5229-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UT5400S16

Quant Time: Sep 16 01:47:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	136678	20.00	ng		-0.03
21) Naphthalene-d8	7.93	136	561655	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	264961	20.00	ng		-0.02
63) Phenanthrene-d10	11.16	188	529802	20.00	ng		-0.02
75) Chrysene-d12	13.80	240	433646	20.00	ng		-0.02
86) Perylene-d12	15.20	264	336043	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	901168	97.48	ng		-0.02
7) Phenol-d6	6.30	99	1116547	95.13	ng		-0.02
23) Nitrobenzene-d5	7.21	82	691305	68.62	ng		-0.03
41) 2,4,6-Tribromophenol	10.47	330	224657	127.04	ng		-0.02
44) 2-Fluorobiphenyl	9.00	172	963479	61.63	ng		-0.03
78) Terphenyl-d14	12.75	244	977350	48.65	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.42	77	20750	2.704	ng		81
19) n-Nitroso-di-n-propylamine	7.21	70	90720	12.288	ng	#	79
25) Isophorone	7.21	82	680056	33.363	ng	#	67
49) Dimethylphthalate	9.40	163	190494	9.288	ng		99
56) 2,4-Dinitrotoluene	9.68	165	33403	6.522	ng	#	33
64) 4,6-Dinitro-2-methylphenol	10.47	198	530	5.111	ng	#	1
66) 4-Bromophenyl-phenylether	10.47	248	17268	3.434	ng	#	1

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

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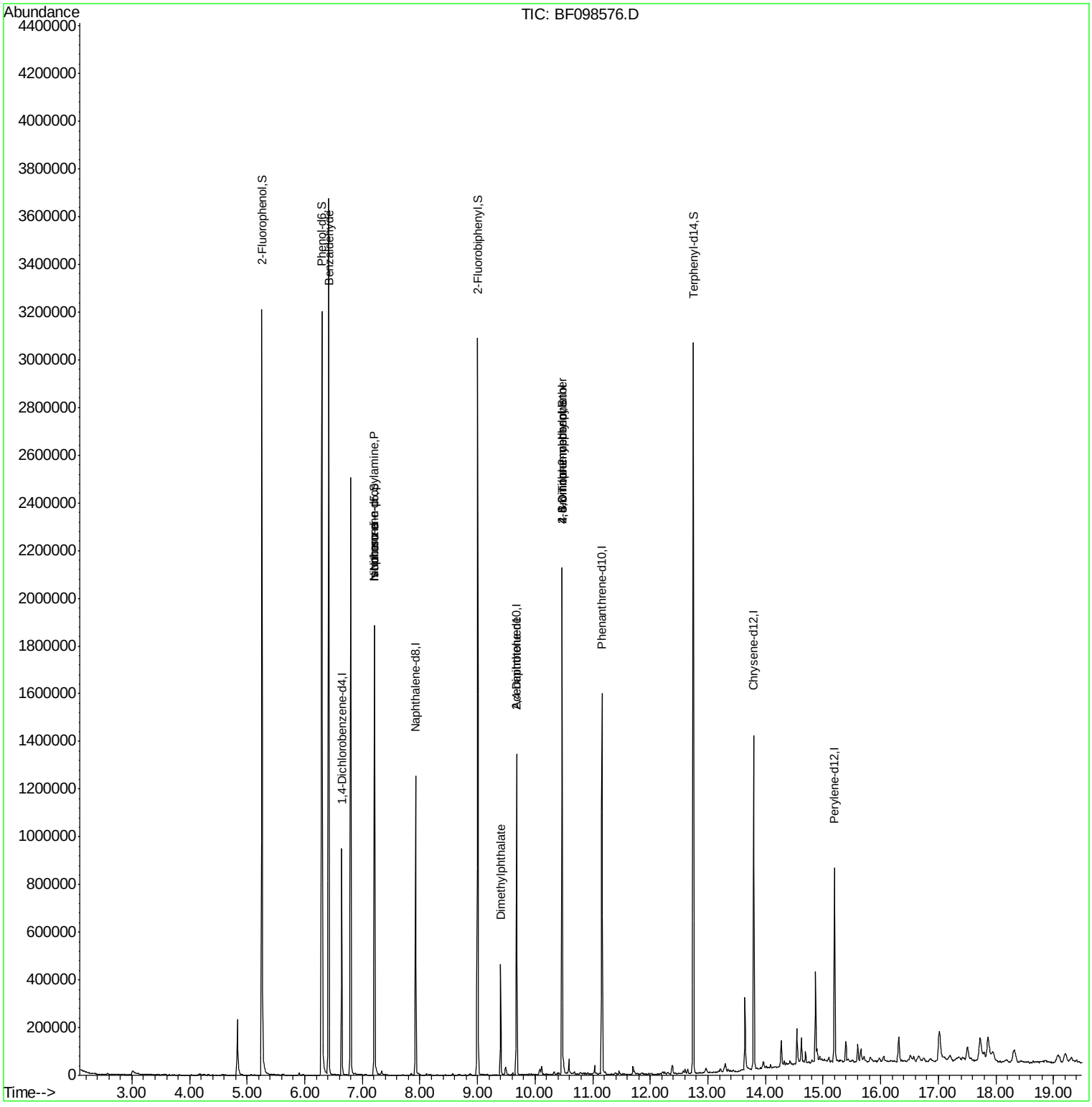
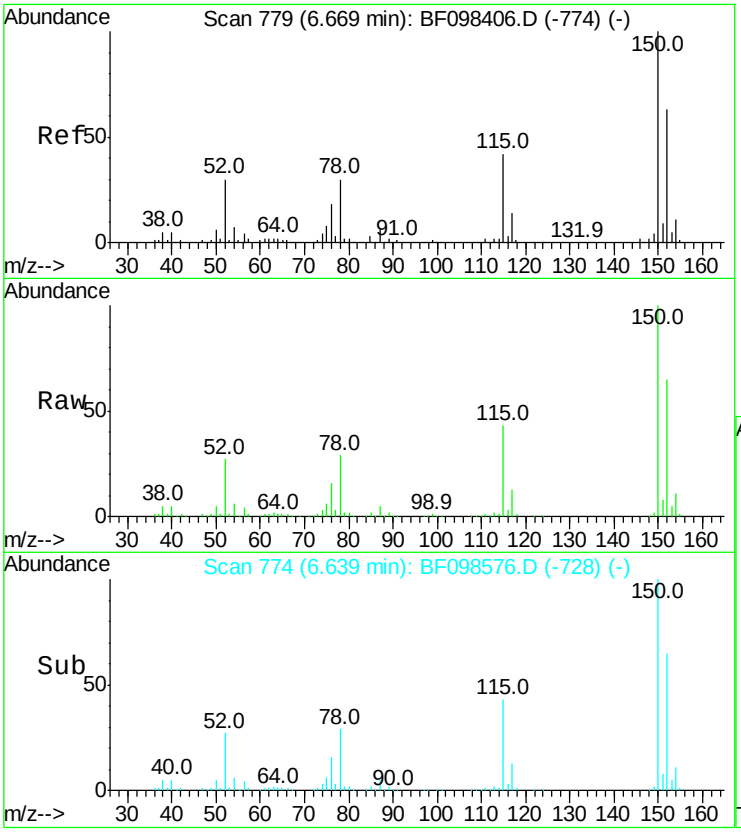


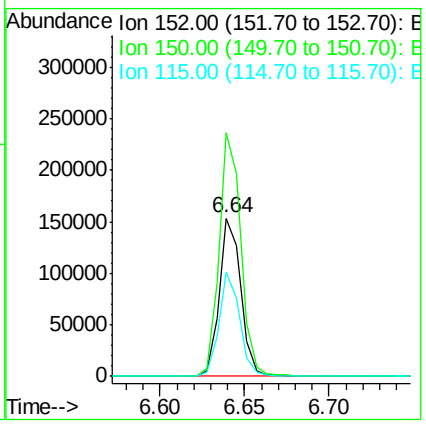


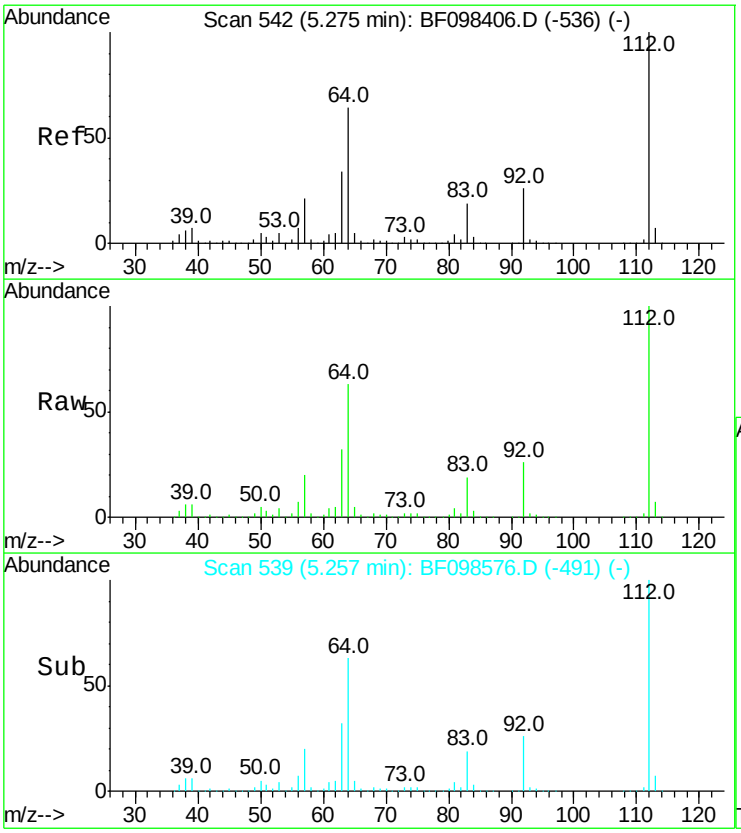
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.03 min
Lab File: BF098576.D
Acq: 15 Sep 2017 18:39

Instrument :
BNA_F
ClientSampleId :
UT5400S16

Tgt Ion:152 Resp: 136678

Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.2	189.2
115	66.0	52.2	78.2

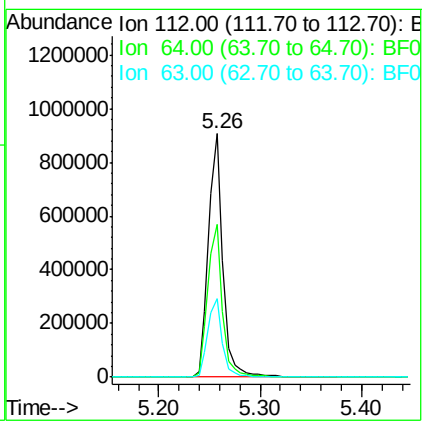


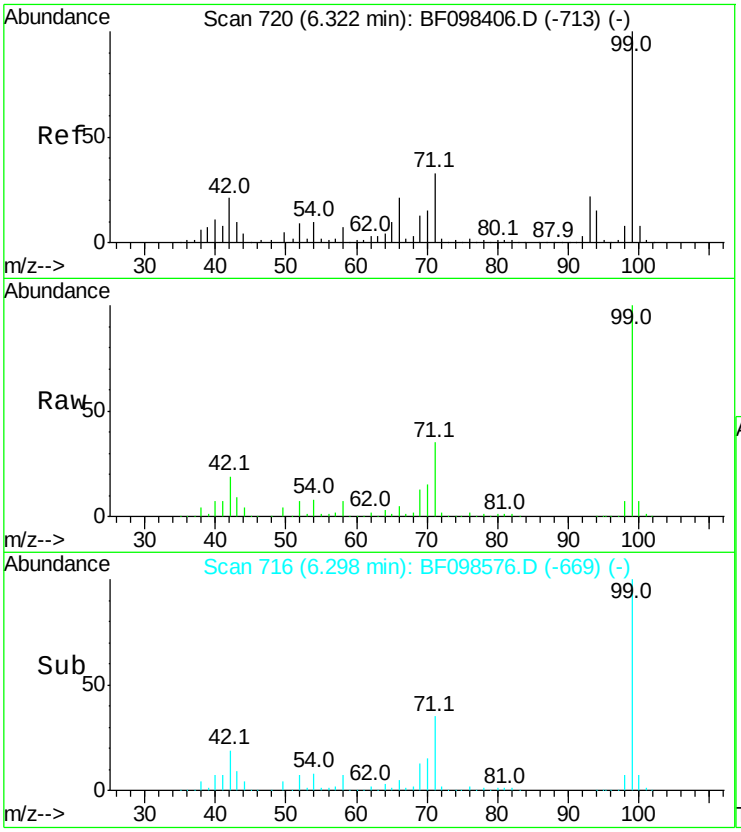


#5
2-Fluorophenol
Concen: 97.484 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF098576.D
Acq: 15 Sep 2017 18:39

Tgt Ion:112 Resp: 901168

Ion	Ratio	Lower	Upper
112	100		
64	62.9	46.0	69.0
63	32.2	23.4	35.0



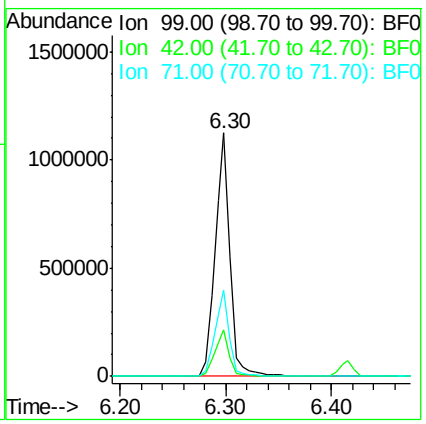


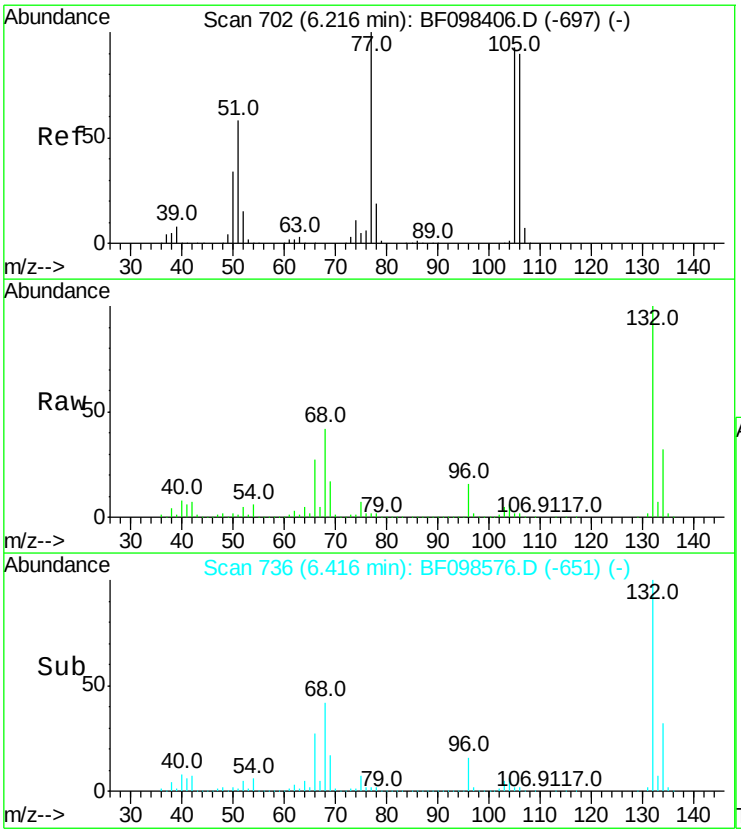
#7
Phenol-d6
Concen: 95.130 ng
RT: 6.30 min Scan# 716
Delta R.T. -0.02 min
Lab File: BF098576.D
Acq: 15 Sep 2017 18:39

Instrument :
BNA_F
ClientSampleId :
UT5400S16

Tgt Ion: 99 Resp: 1116547

Ion	Ratio	Lower	Upper
99	100		
42	18.9	13.5	20.3
71	35.5	24.5	36.7

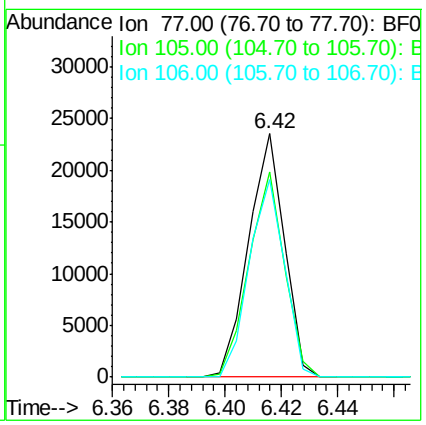


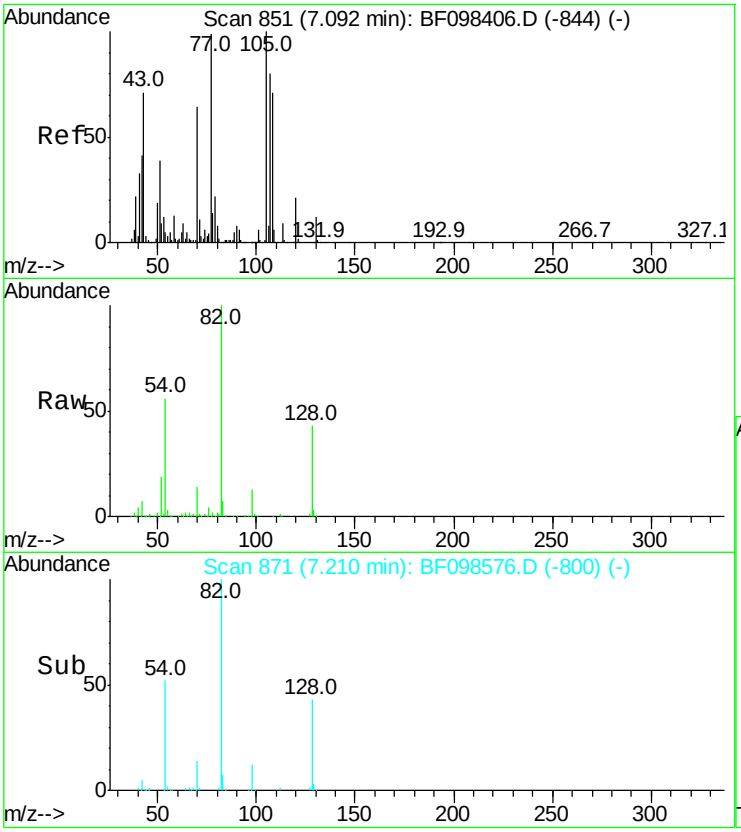


#9
Benzaldehyde
Concen: 2.704 ng
RT: 6.42 min Scan# 736
Delta R.T. 0.20 min
Lab File: BF098576.D
Acq: 15 Sep 2017 18:39

Tgt Ion: 77 Resp: 20750

Ion	Ratio	Lower	Upper
77	100		
105	84.5	83.8	123.8
106	80.9	79.1	119.1



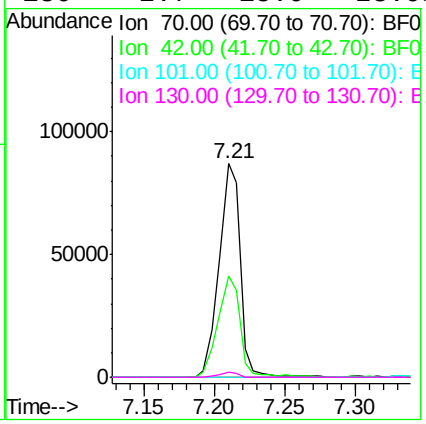


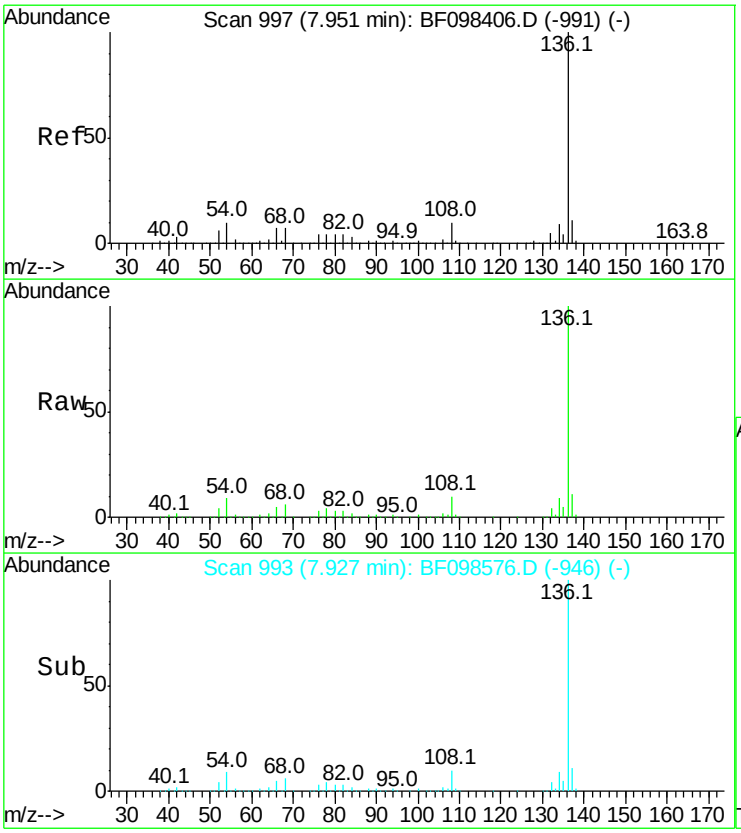
#19
n-Nitroso-di-n-propylamine
Concen: 12.288 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.12 min
Lab File: BF098576.D
Acq: 15 Sep 2017 18:39

Instrument :
BNA_F
ClientSampleId :
UT5400S16

Tgt Ion: 70 Resp: 90720

Ion	Ratio	Lower	Upper
70	100		
42	47.4	47.2	70.8
101	0.0	7.2	10.8#
130	2.7	15.9	23.9#

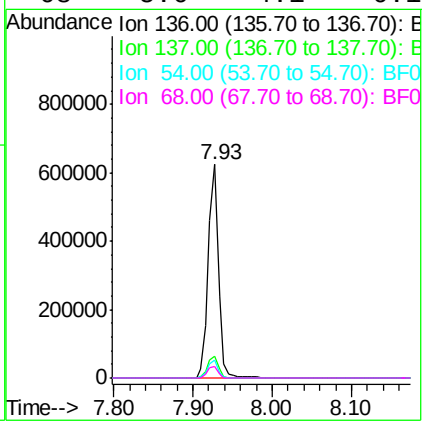


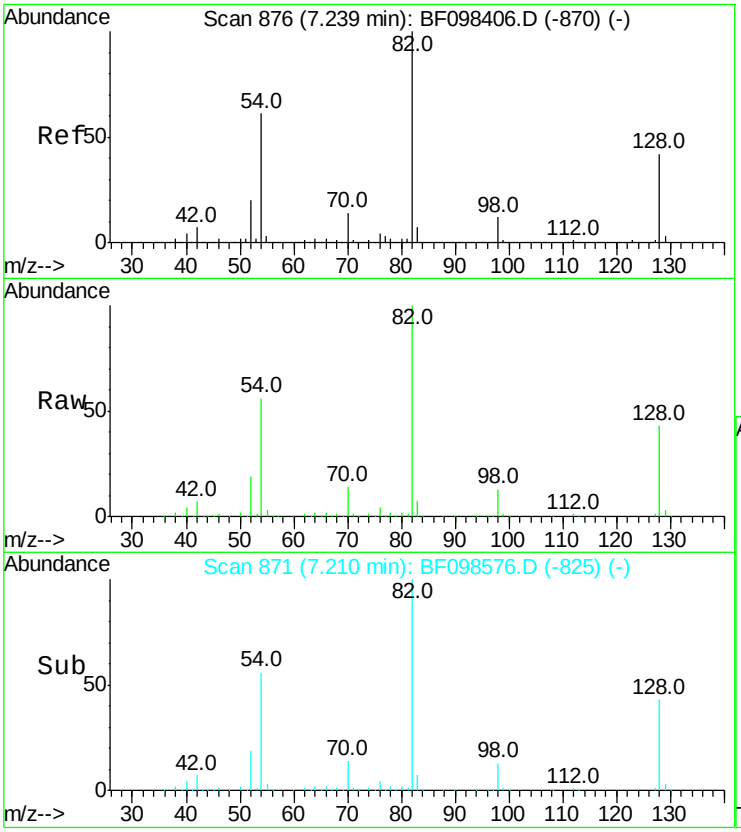


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF098576.D
Acq: 15 Sep 2017 18:39

Tgt Ion:136 Resp: 561655

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	8.6	4.9	7.3#
68	5.6	4.1	6.1



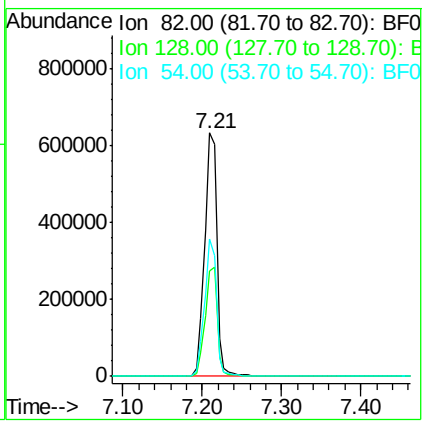


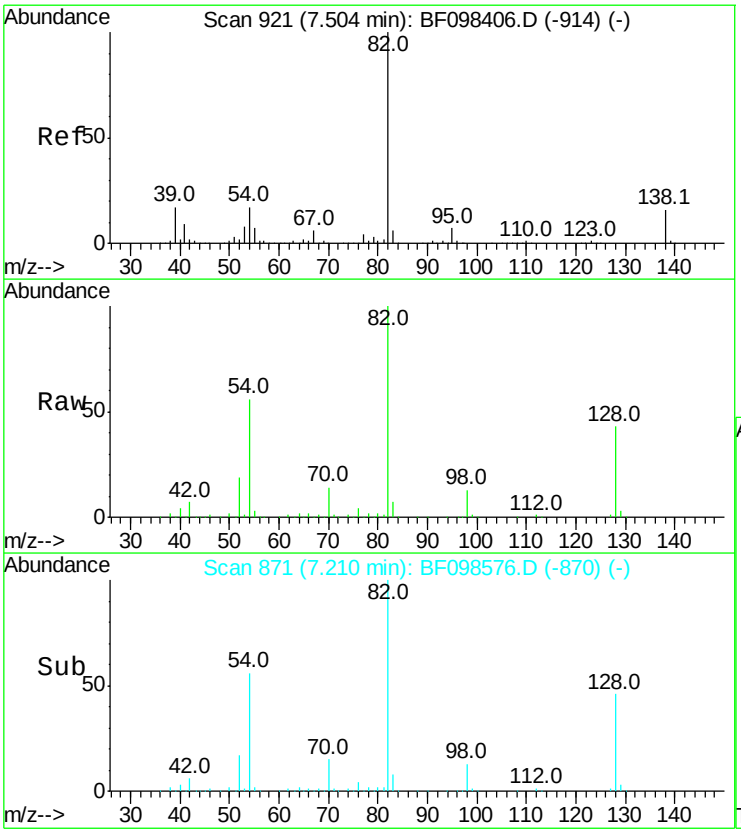
#23
Nitrobenzene-d5
Concen: 68.619 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.03 min
Lab File: BF098576.D
Acq: 15 Sep 2017 18:39

Instrument :
BNA_F
ClientSampleId :
UT5400S16

Tgt Ion: 82 Resp: 691305

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.0	51.0
54	56.4	42.2	63.2

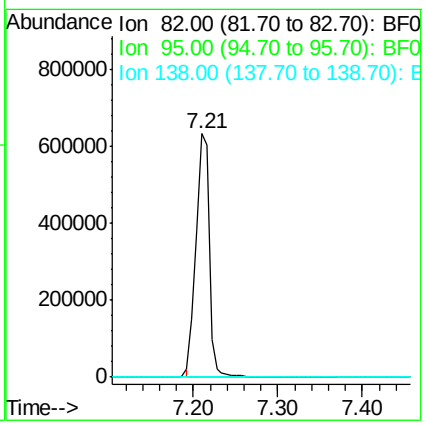


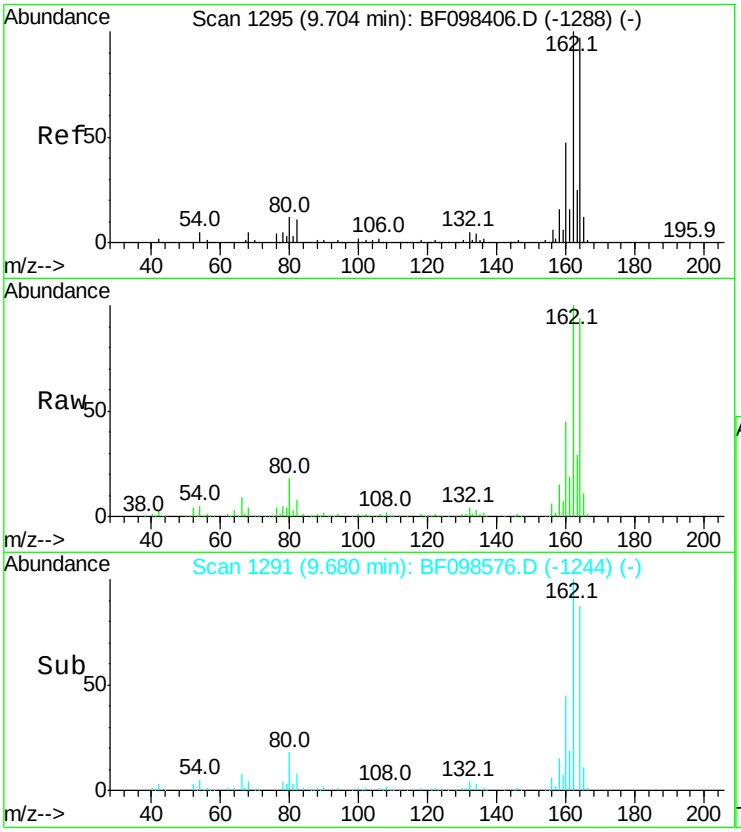


#25
Isophorone
Concen: 33.363 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.29 min
Lab File: BF098576.D
Acq: 15 Sep 2017 18:39

Tgt Ion: 82 Resp: 680056

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



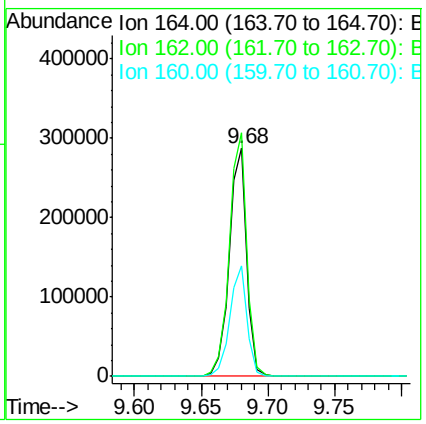


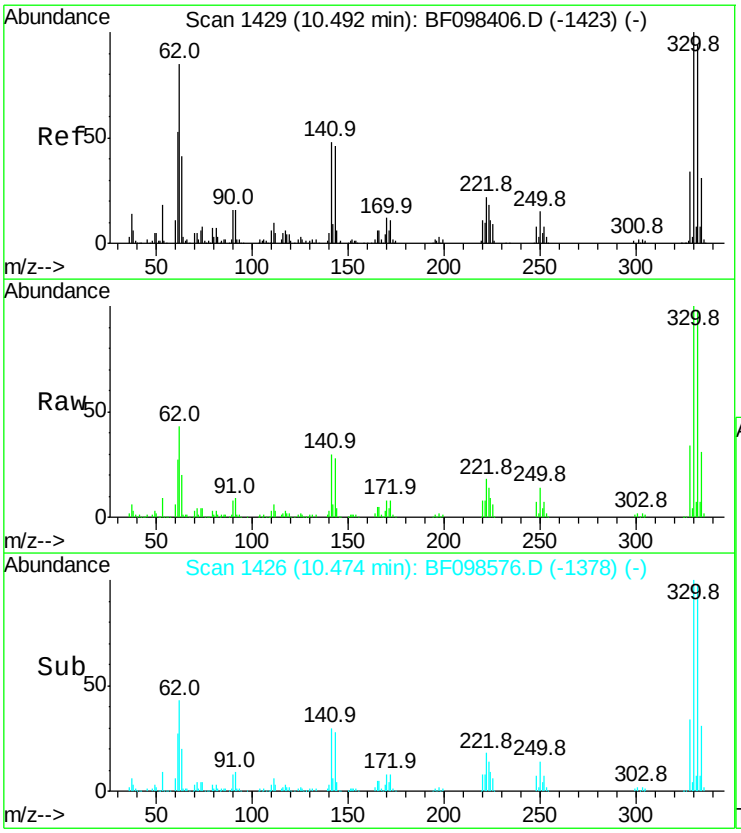
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF098576.D
Acq: 15 Sep 2017 18:39

Instrument :
BNA_F
ClientSampleId :
UT5400S16

Tgt Ion:164 Resp: 264961

Ion	Ratio	Lower	Upper
164	100		
162	106.9	82.6	123.8
160	48.3	36.2	54.2

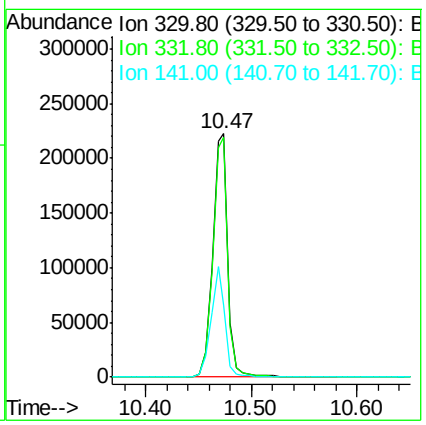


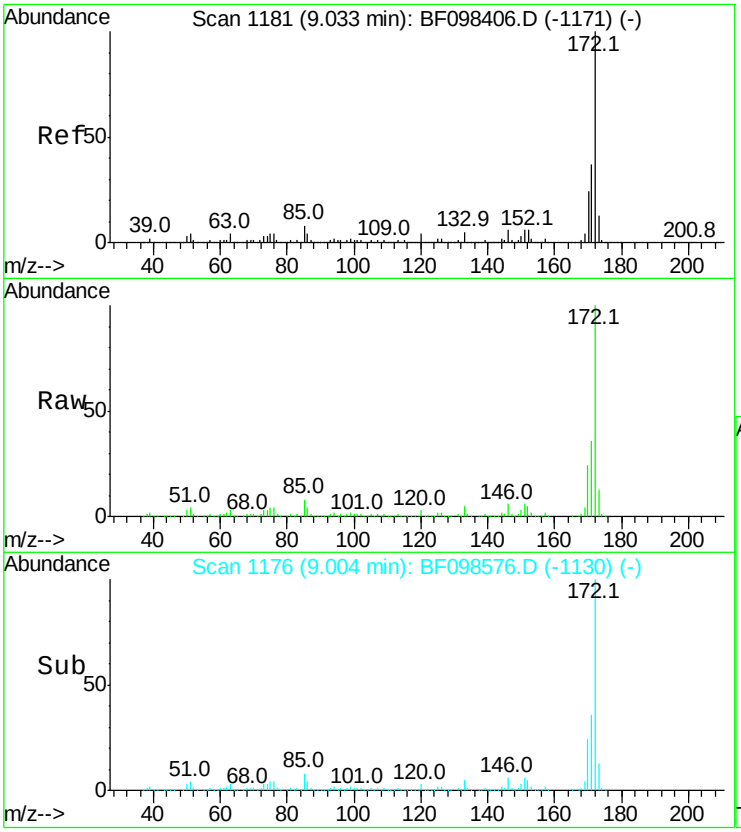


#41
2,4,6-Tribromophenol
Concen: 127.040 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF098576.D
Acq: 15 Sep 2017 18:39

Tgt Ion:330 Resp: 224657

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	41.6	31.4	47.2



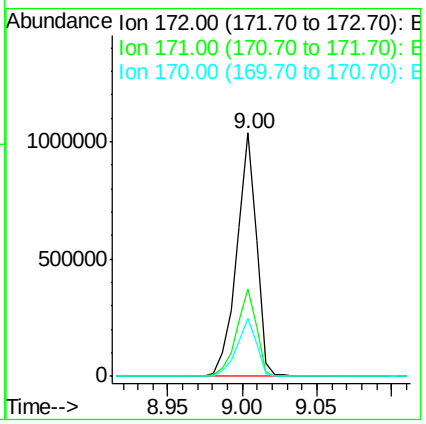


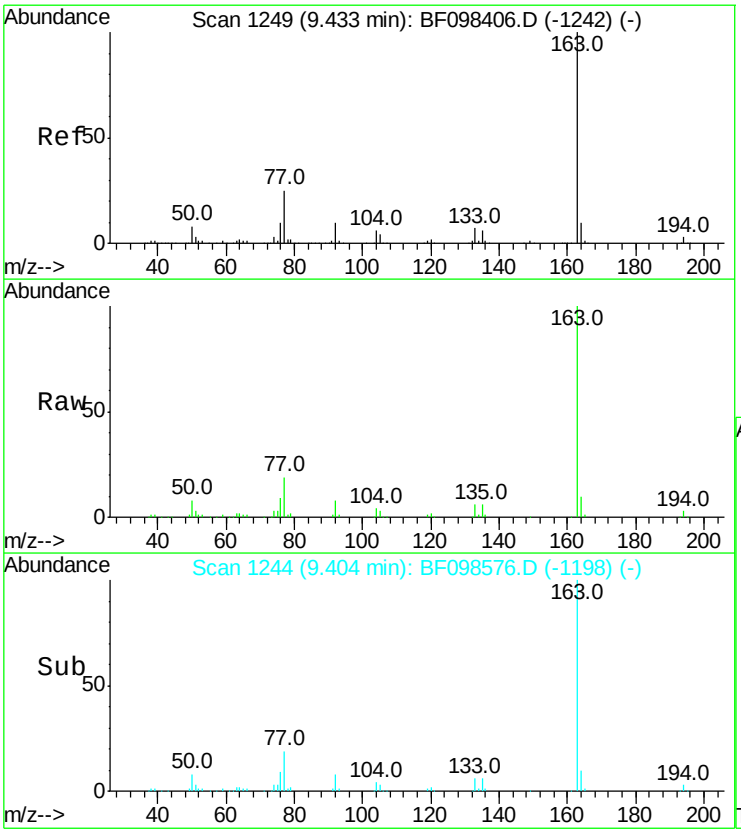
#44
2-Fluorobiphenyl
Concen: 61.632 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.03 min
Lab File: BF098576.D
Acq: 15 Sep 2017 18:39

Instrument :
BNA_F
ClientSampleId :
UT5400S16

Tgt Ion:172 Resp: 963479

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.9	19.8	29.8

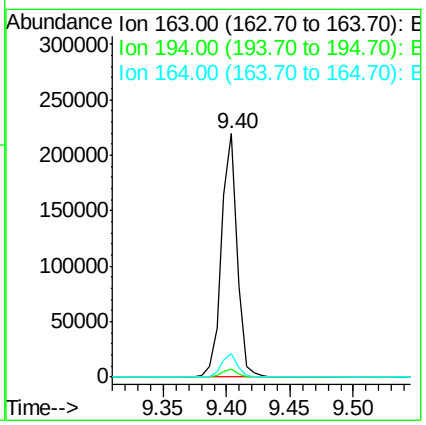


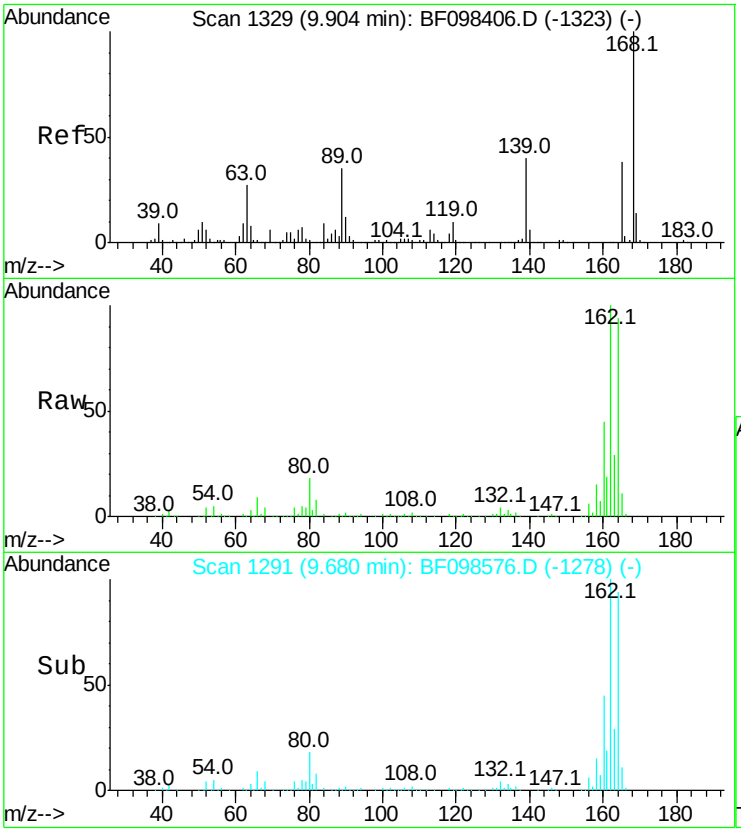


#49
Dimethylphthalate
Concen: 9.288 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BF098576.D
Acq: 15 Sep 2017 18:39

Tgt Ion:163 Resp: 190494

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.8	8.4	12.6



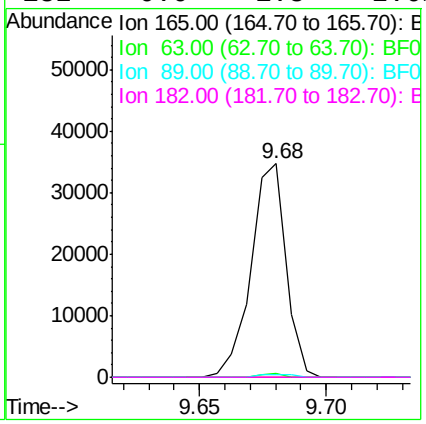


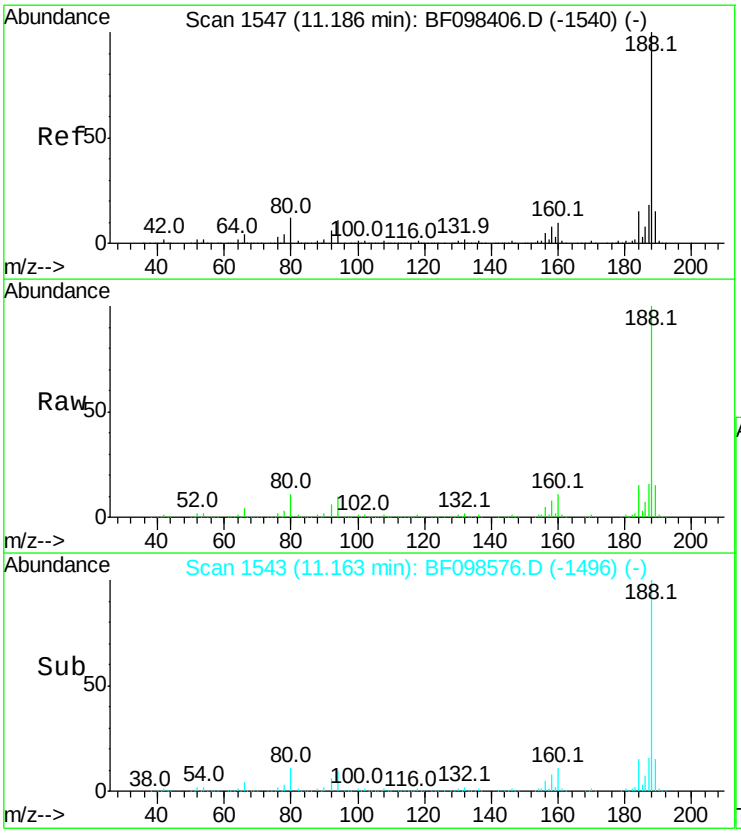
#56
2,4-Dinitrotoluene
Concen: 6.522 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.22 min
Lab File: BF098576.D
Acq: 15 Sep 2017 18:39

Instrument :
BNA_F
ClientSampleId :
UT5400S16

Tgt Ion:165 Resp: 33403

Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

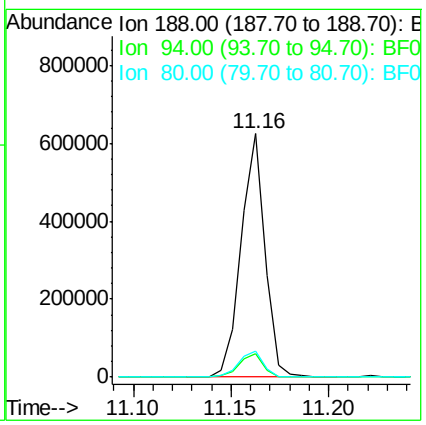


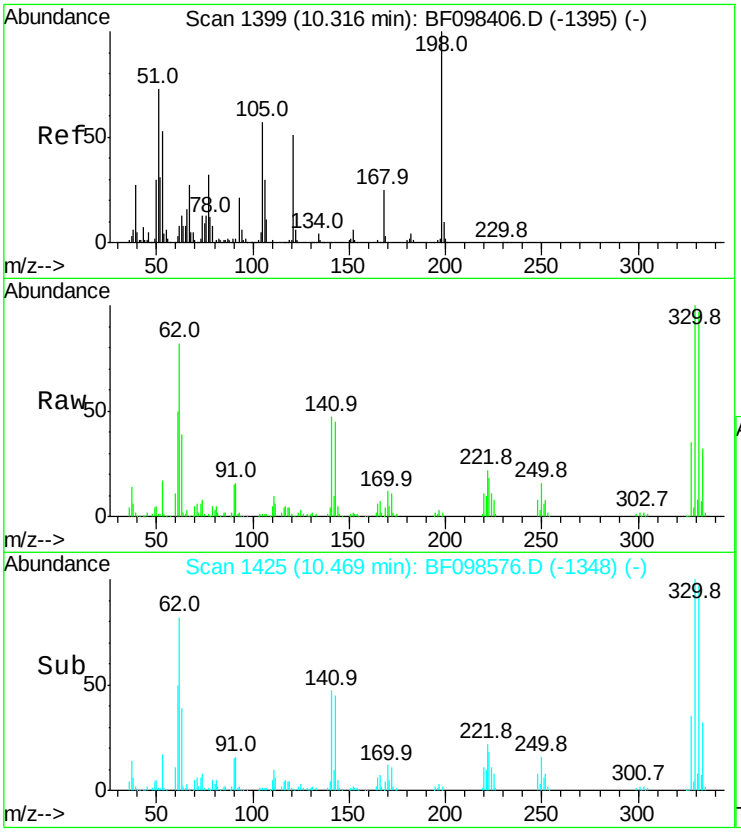


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF098576.D
Acq: 15 Sep 2017 18:39

Tgt Ion:188 Resp: 529802

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.4	14.2
80	10.5	10.2	15.2



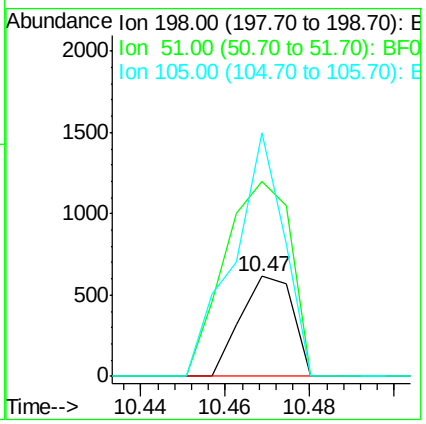


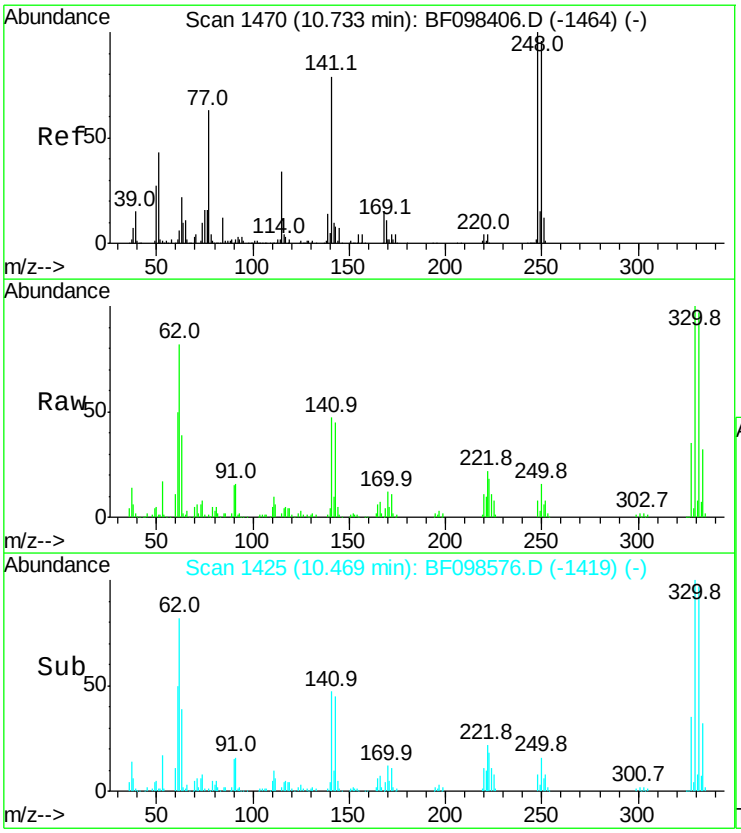
#64
4,6-Dinitro-2-methylphenol
Concen: 5.111 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.15 min
Lab File: BF098576.D
Acq: 15 Sep 2017 18:39

Instrument :
BNA_F
ClientSampleId :
UT5400S16

Tgt Ion:198 Resp: 530

Ion	Ratio	Lower	Upper
198	100		
51	194.8	53.2	93.2#
105	244.0	45.8	85.8#

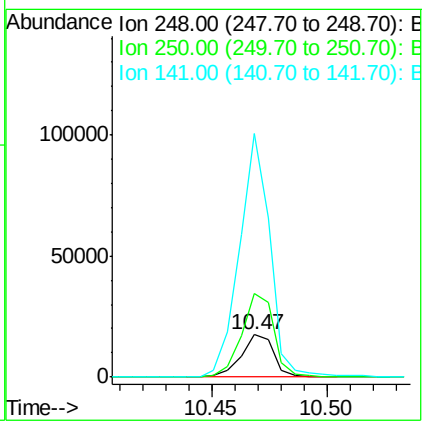


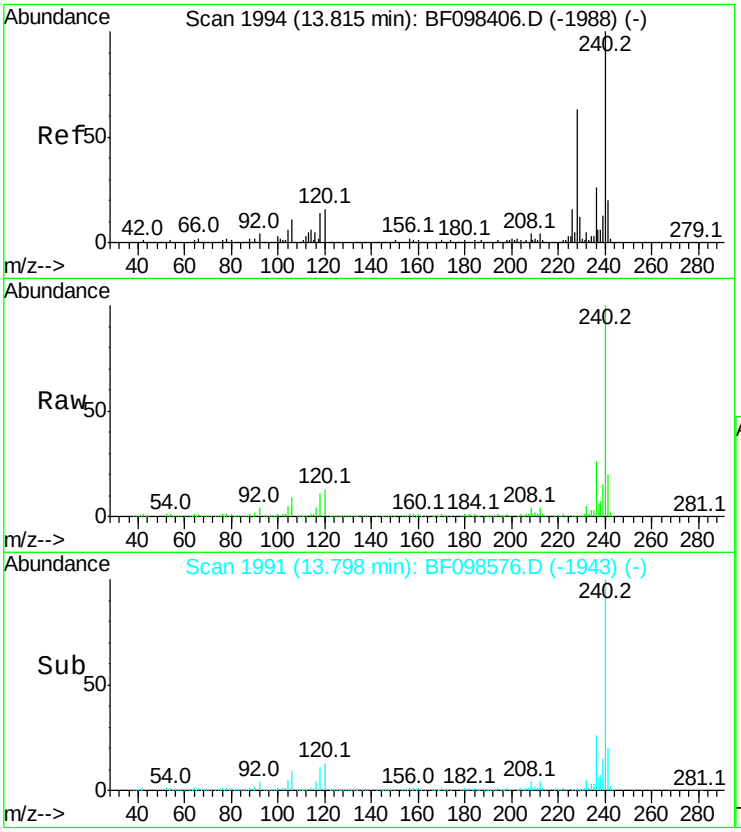


#66
4-Bromophenyl-phenylether
Concen: 3.434 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.26 min
Lab File: BF098576.D
Acq: 15 Sep 2017 18:39

Tgt Ion:248 Resp: 17268

Ion	Ratio	Lower	Upper
248	100		
250	196.4	76.8	115.2#
141	572.9	68.6	103.0#



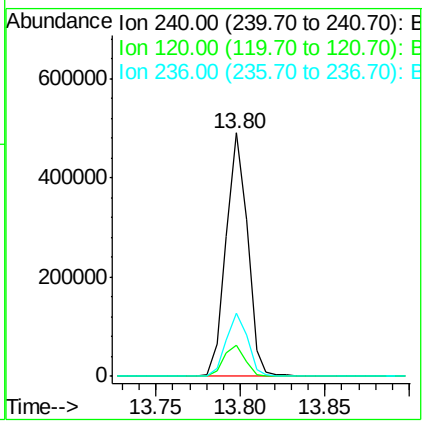


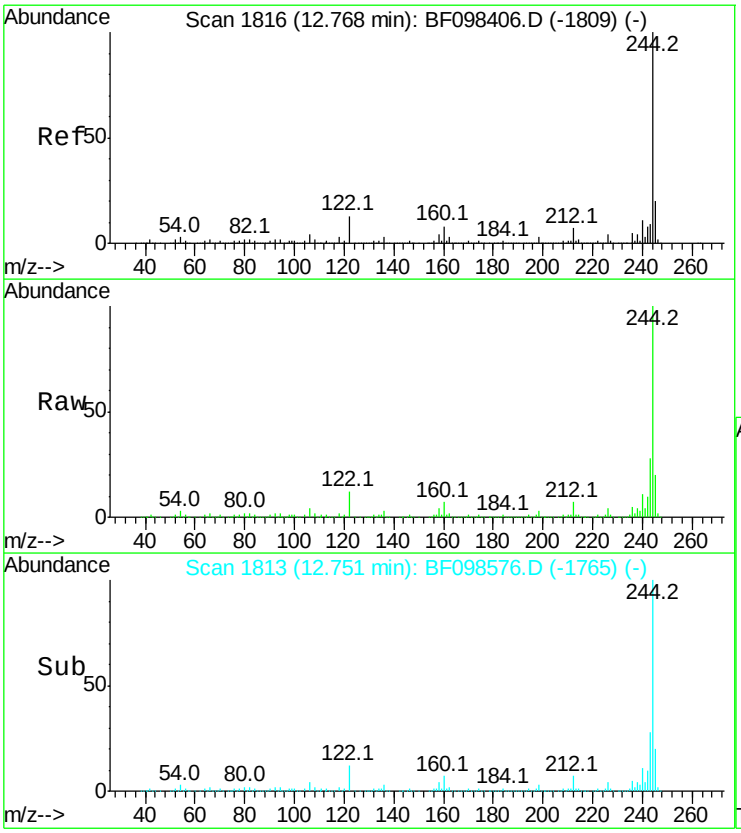
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BF098576.D
Acq: 15 Sep 2017 18:39

Instrument :
BNA_F
ClientSampleId :
UT5400S16

Tgt Ion:240 Resp: 433646

Ion	Ratio	Lower	Upper
240	100		
120	13.0	5.8	8.8#
236	26.1	20.5	30.7

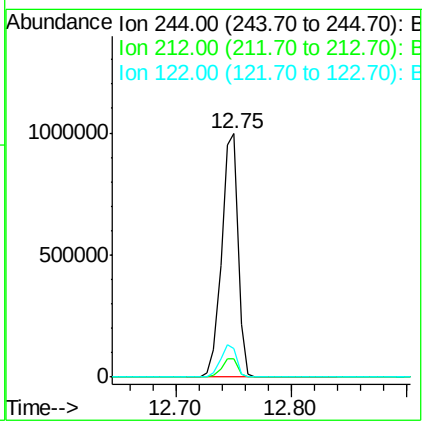


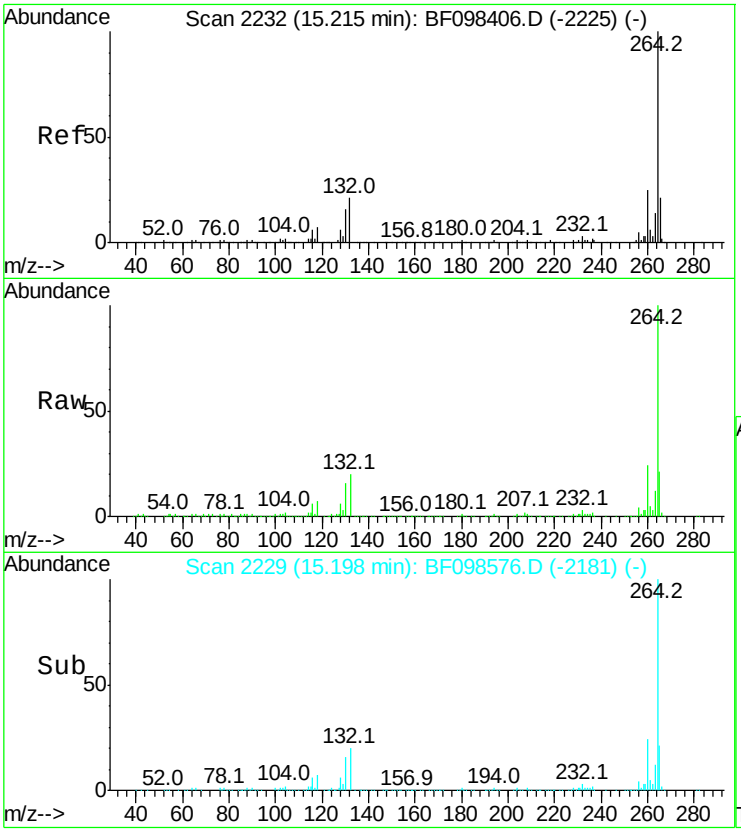


#78
Terphenyl-d14
Concen: 48.647 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF098576.D
Acq: 15 Sep 2017 18:39

Tgt Ion:244 Resp: 977350

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	11.7	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF098576.D
Acq: 15 Sep 2017 18:39

Instrument :
BNA_F
ClientSampleId :
UT5400S16

Tgt Ion:264 Resp: 336043

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	20.9	17.2	25.8