Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099566.D
Acq On : 17 Oct 2017 1:29
Operator : SJ/JU
Sample : I5752-07RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 17 02:32:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	110078	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	443500	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	195335	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	308282	20.00	ng		0.00
75) Chrysene-d12	14.02	240	196604	20.00	ng		0.00
86) Perylene-d12	15.49	264	204065	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	962948	139.26	ng		0.00
7) Phenol-d6	6.49	99	1167610	136.88	ng		0.00
23) Nitrobenzene-d5	7.42	82	693088	100.22	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	220055	137.67	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	1144526	97.82	ng		0.00
78) Terphenyl-d14	12.95	244	744453	86.11	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	17959	3.63	ng		87
10) Phenol	6.50	94	68912	7.22	ng		92
19) n-Nitroso-di-n-propylamine	7.42	70	88291	16.21	ng	#	71
25) Isophorone	7.42	82	693081	48.47	ng	#	64
49) Dimethylphthalate	9.59	163	222552	15.10	ng		100
56) 2,4-Dinitrotoluene	9.88	165	24458	5.87	ng	#	22
62) Azobenzene	10.59	77	119460	9.02	ng	#	1
66) 4-Bromophenyl-phenylether	10.67	248	14568	4.83	ng	#	1

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

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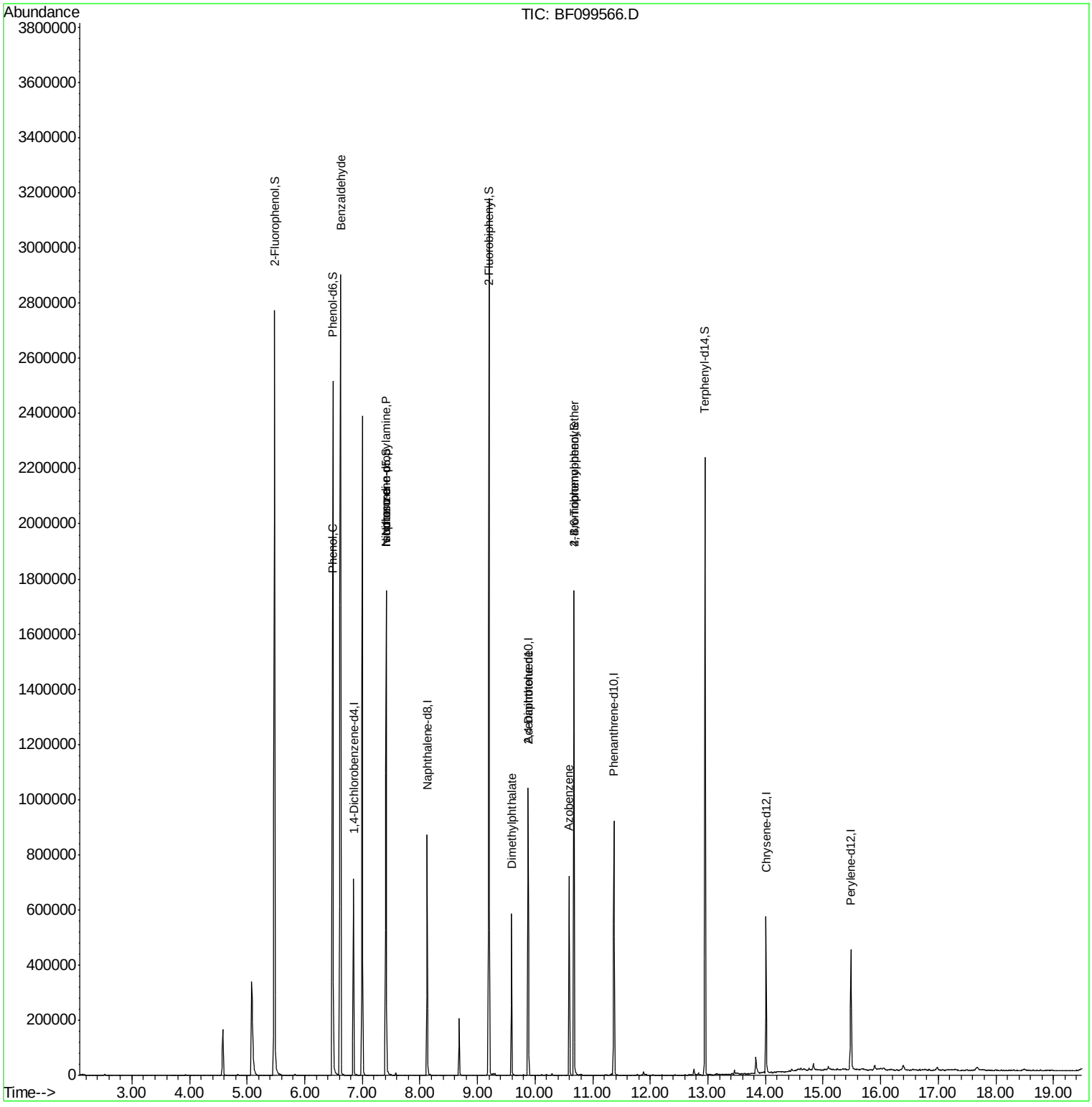
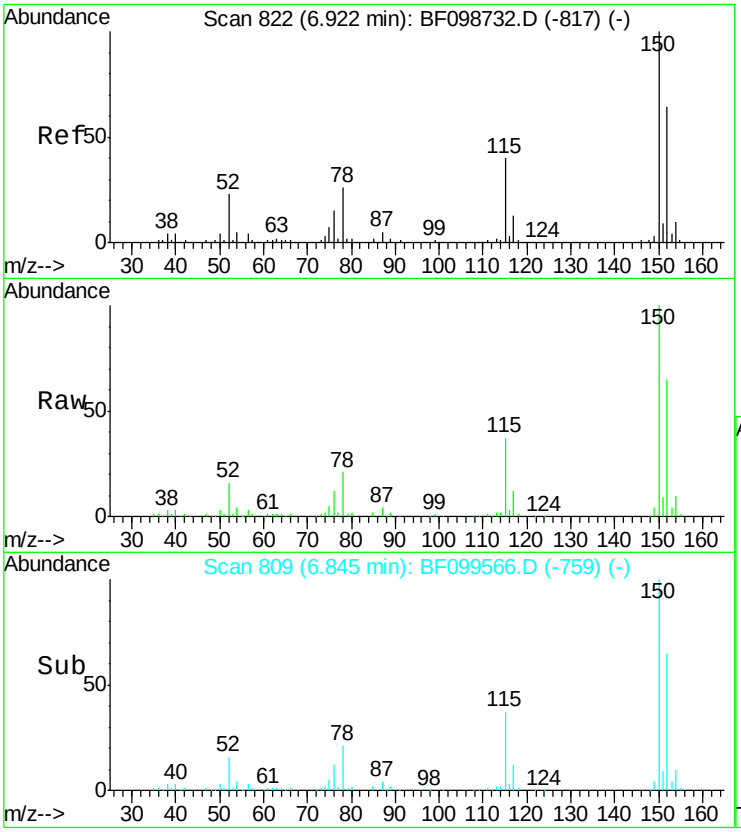


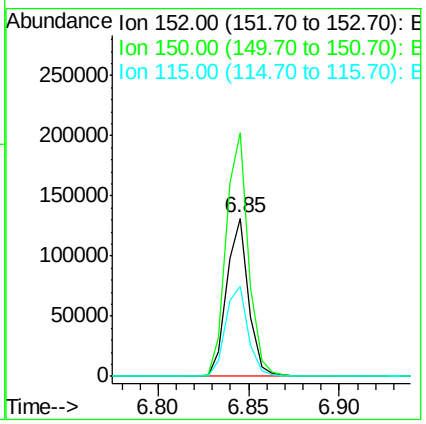


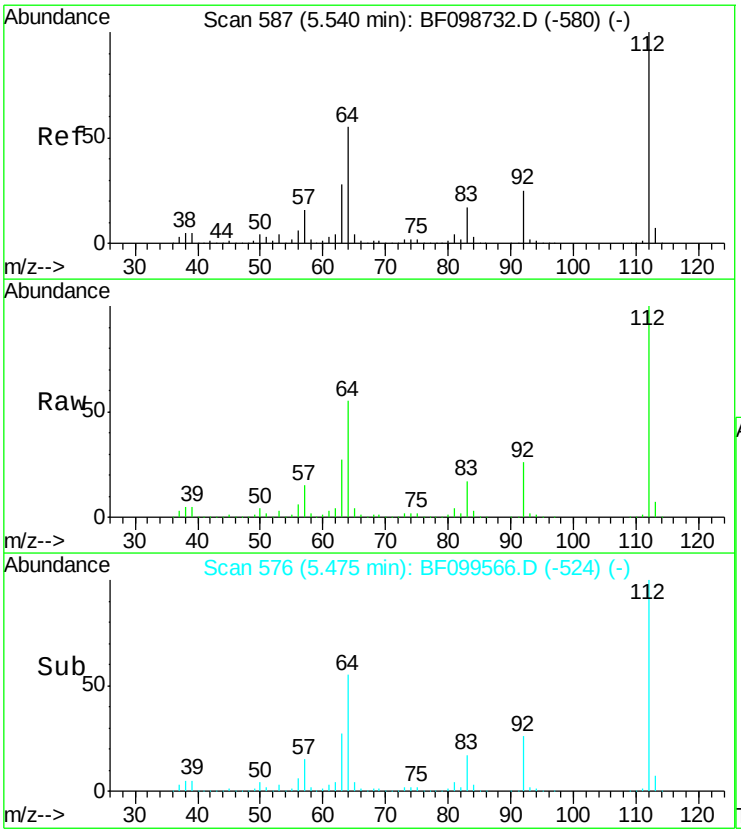
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 110078

Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	56.8	50.1	75.1

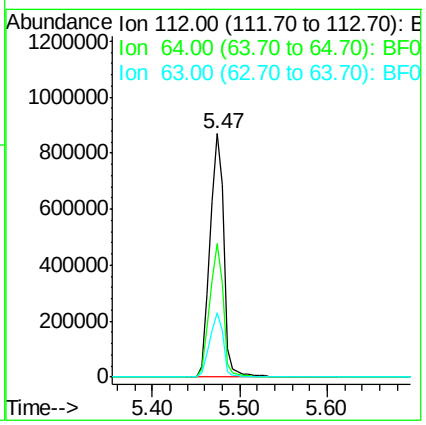


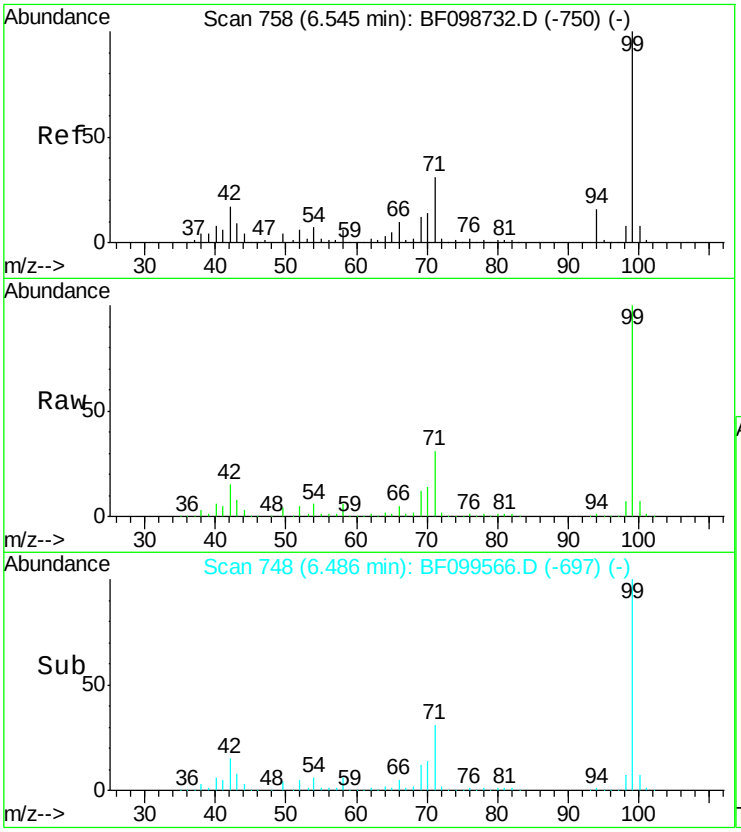


#5
2-Fluorophenol
Concen: 139.26 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

Tgt Ion:112 Resp: 962948

Ion	Ratio	Lower	Upper
112	100		
64	54.7	47.9	71.9
63	26.7	23.7	35.5



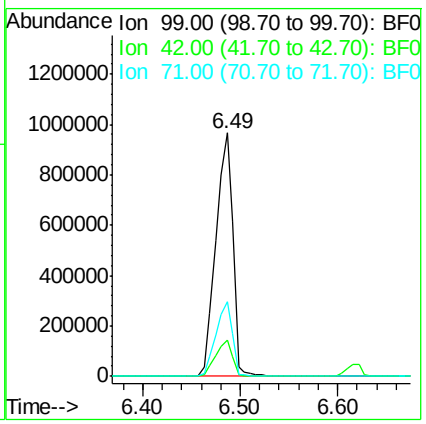


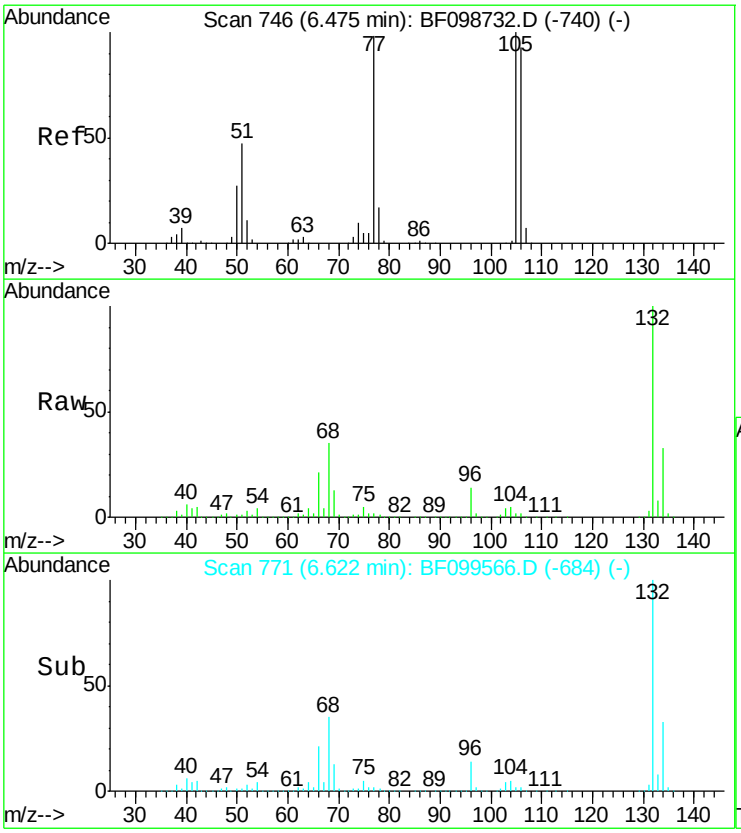
#7
Phenol-d6
Concen: 136.88 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1167610

Ion	Ratio	Lower	Upper
99	100		
42	15.0	14.5	21.7
71	30.9	25.4	38.0

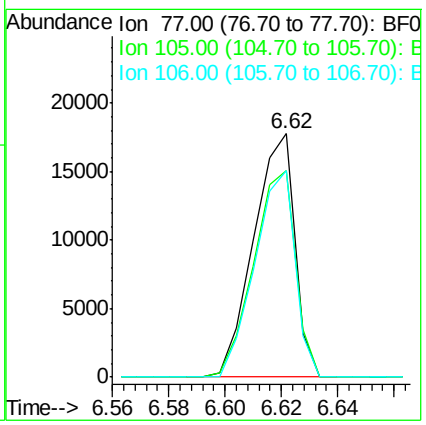


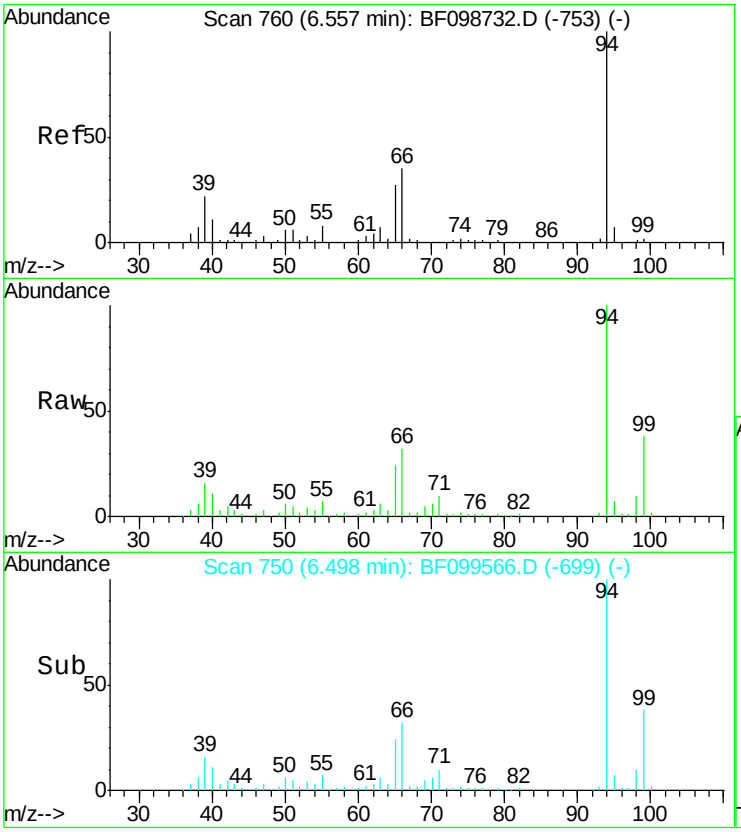


#9
Benzaldehyde
Concen: 3.63 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.21 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

Tgt Ion: 77 Resp: 17959

Ion	Ratio	Lower	Upper
77	100		
105	84.8	81.1	121.1
106	84.9	74.5	114.5



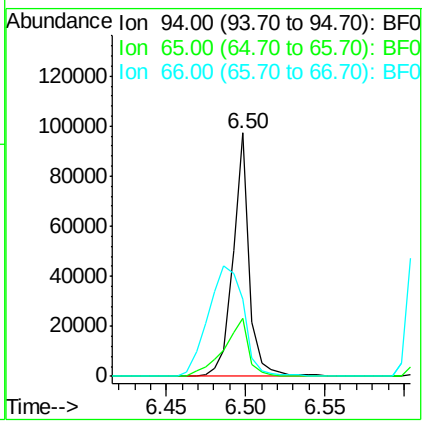


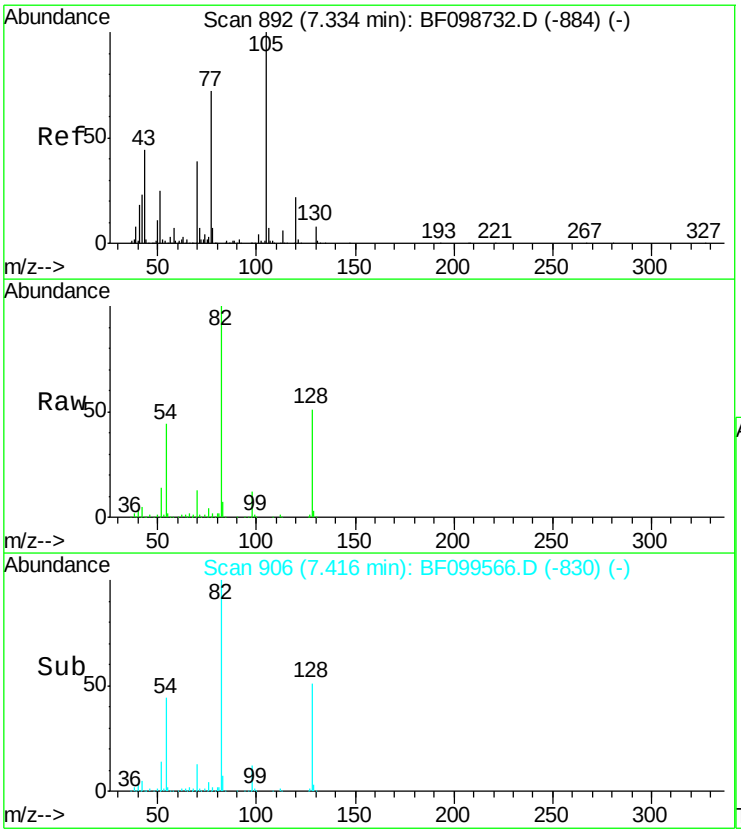
#10
Phenol
Concen: 7.22 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 68912

Ion	Ratio	Lower	Upper
94	100		
65	24.0	7.9	47.9
66	31.8	16.2	56.2

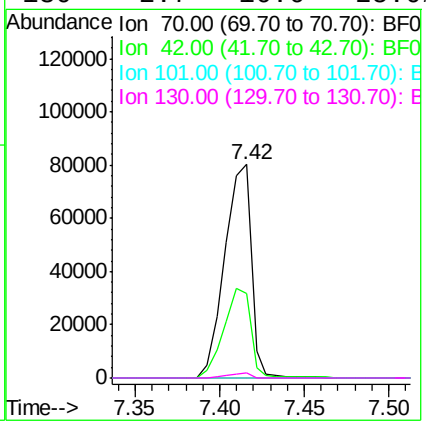


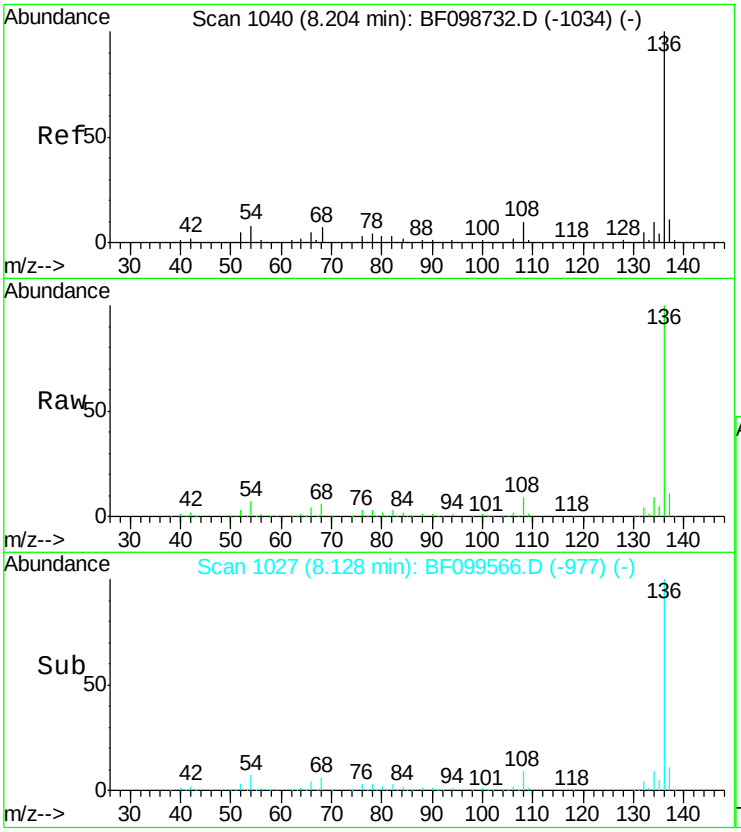


#19
n-Nitroso-di-n-propylamine
Concen: 16.21 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

Tgt Ion: 70 Resp: 88291

Ion	Ratio	Lower	Upper
70	100		
42	39.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



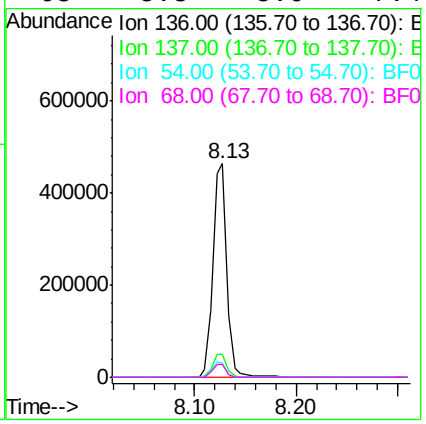


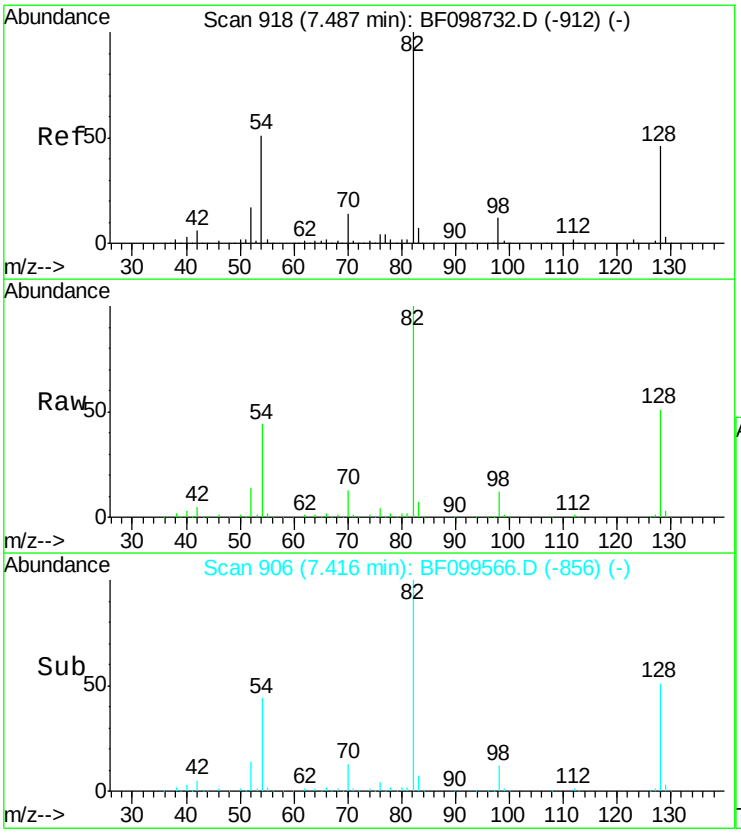
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 443500

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.5	6.6	9.8#
68	5.8	5.0	7.4

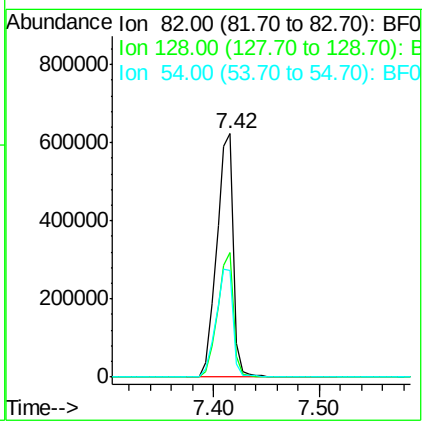


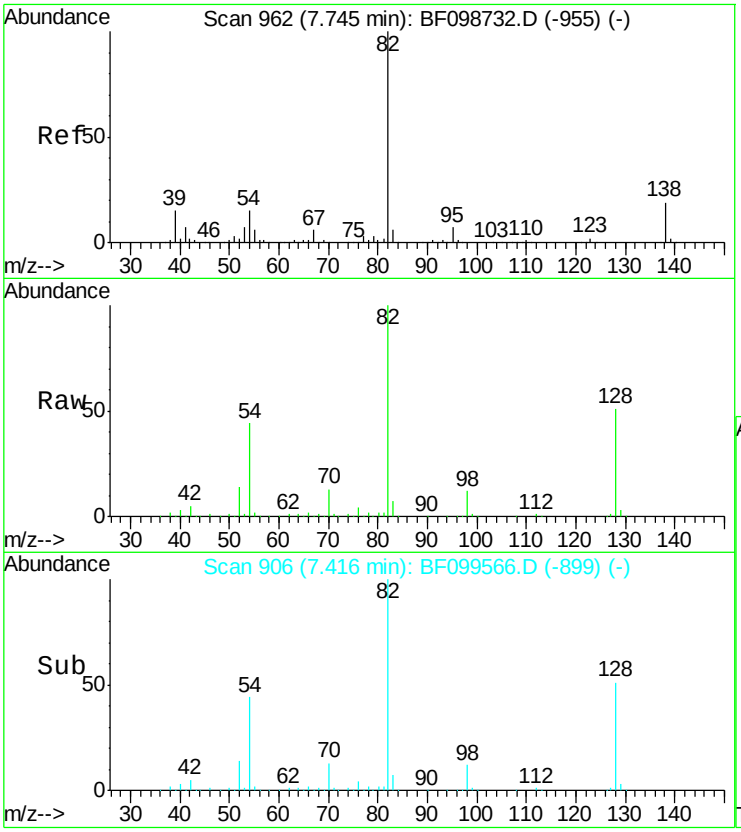


#23
Nitrobenzene-d5
Concen: 100.22 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

Tgt Ion: 82 Resp: 693088

Ion	Ratio	Lower	Upper
82	100		
128	51.1	36.1	54.1
54	43.8	41.4	62.2



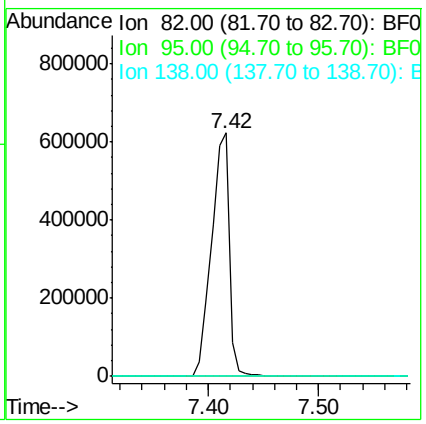


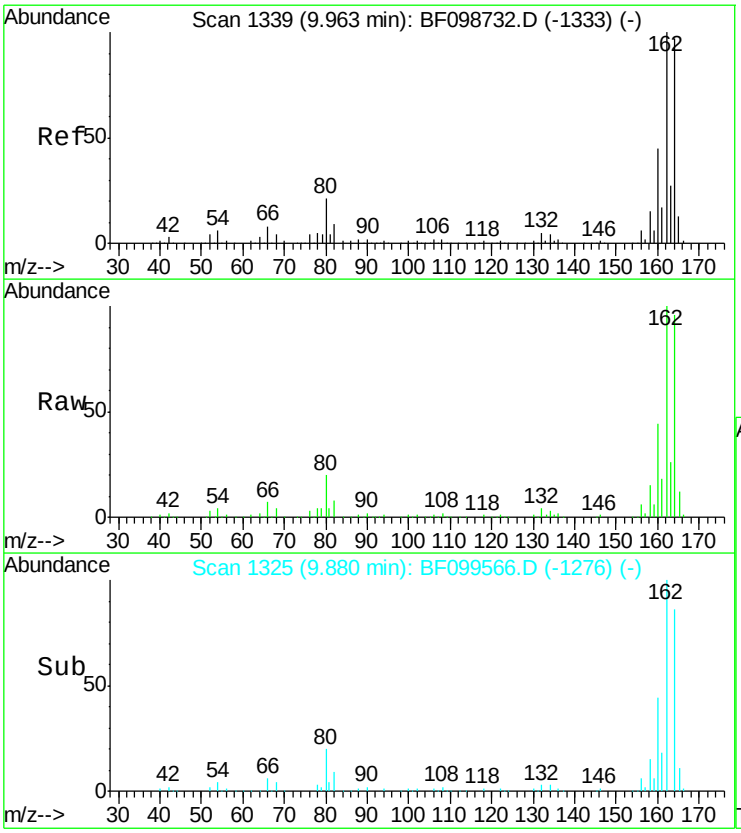
#25
Isophorone
Concen: 48.47 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 693081

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

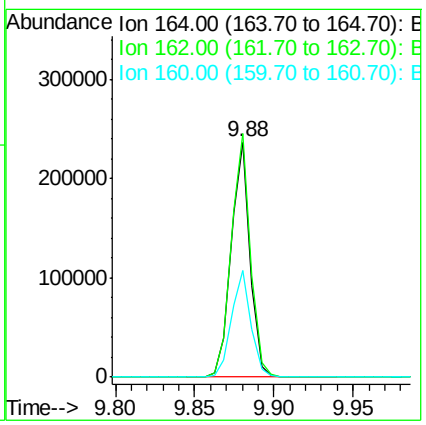


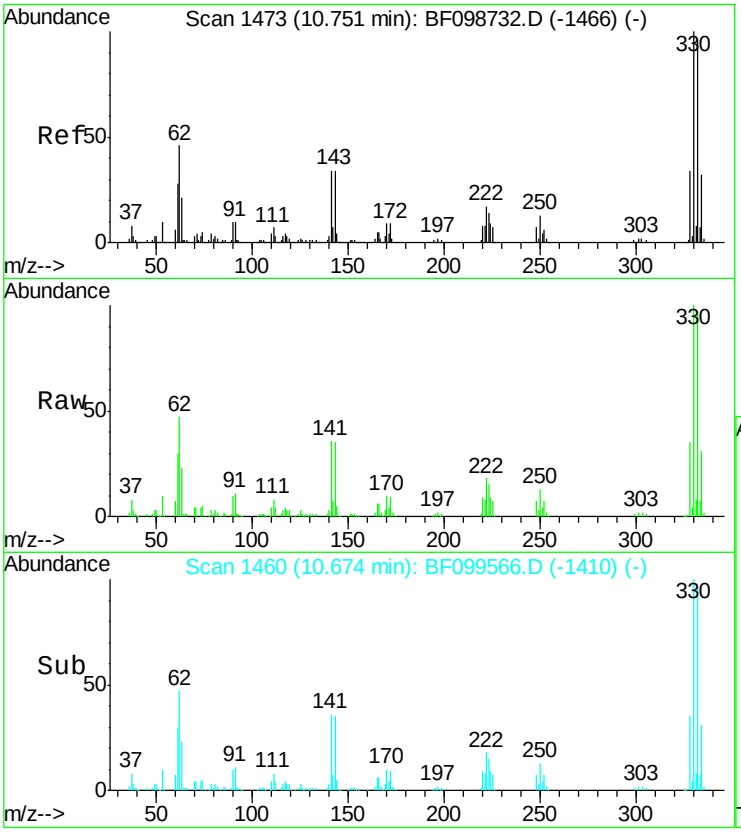


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

Tgt Ion:164 Resp: 195335

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	45.2	38.3	57.5



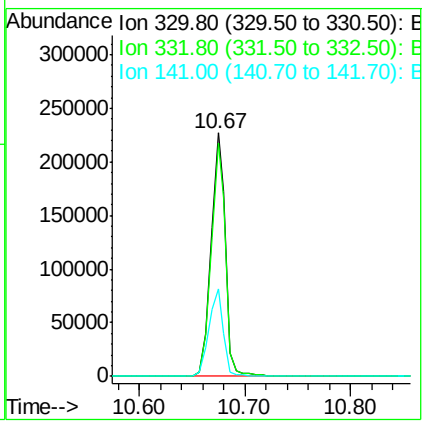


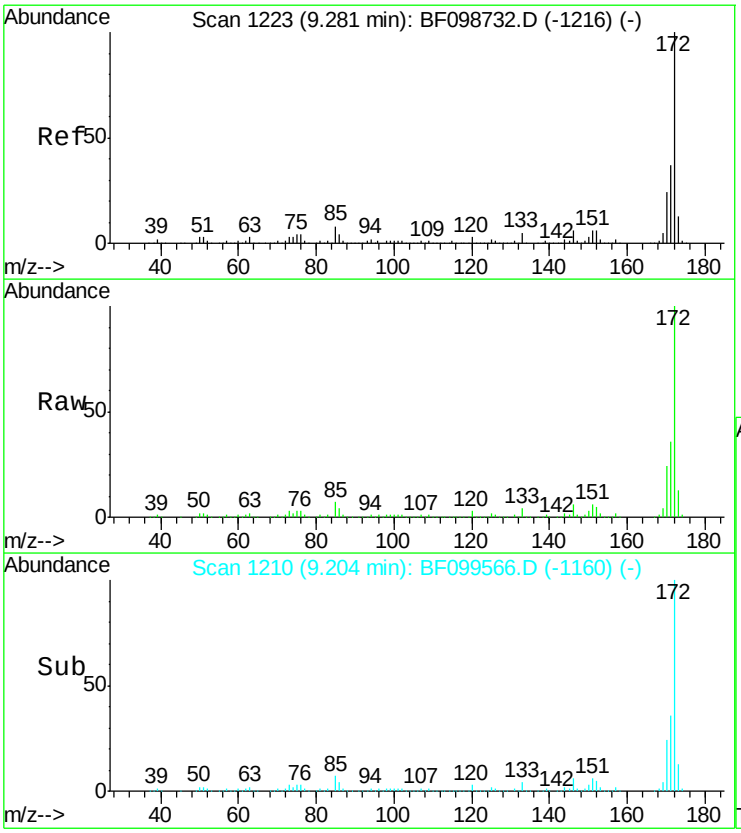
#41
2,4,6-Tribromophenol
Concen: 137.67 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 220055

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	35.9	29.9	44.9

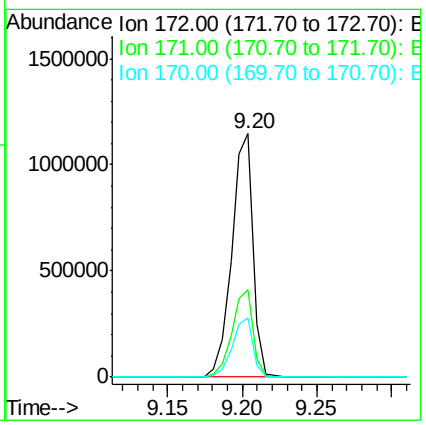


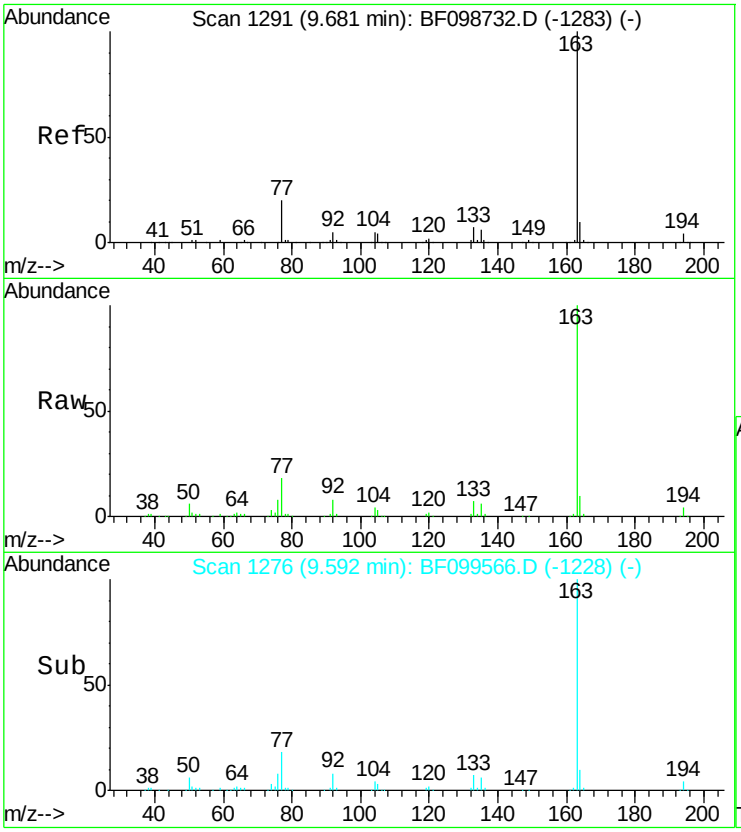


#44
2-Fluorobiphenyl
Concen: 97.82 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

Tgt Ion:172 Resp: 1144526

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.2	19.6	29.4



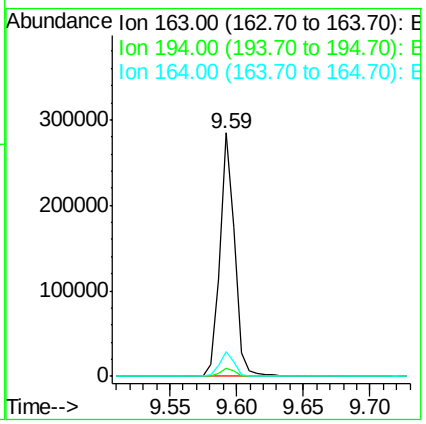


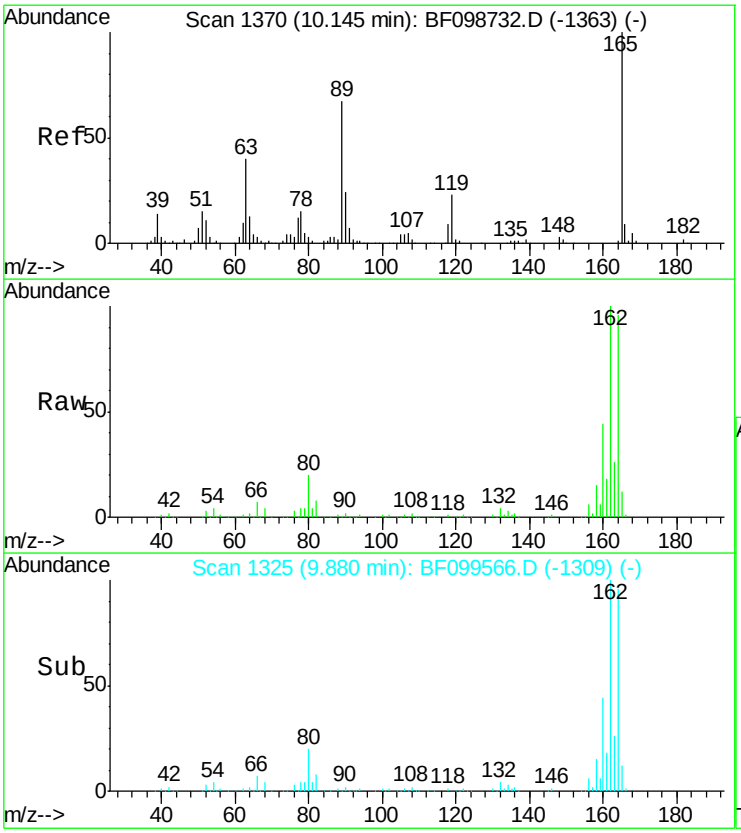
#49
Dimethylphthalate
Concen: 15.10 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 222552

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.1	8.2	12.2

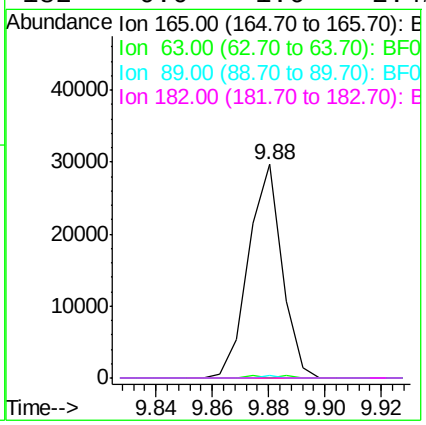


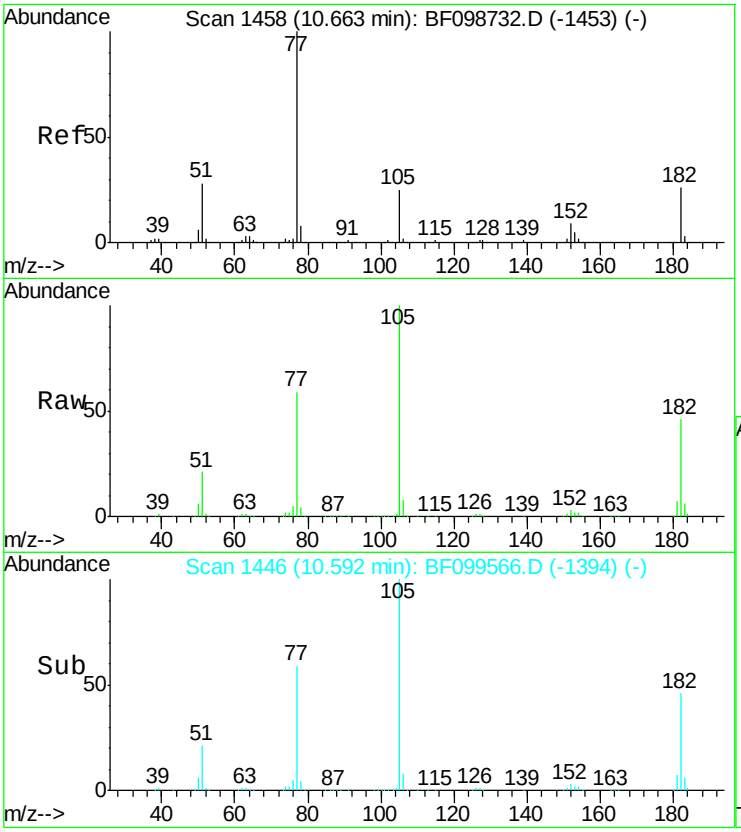


#56
2,4-Dinitrotoluene
Concen: 5.87 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.21 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

Tgt Ion:165 Resp: 24458

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#



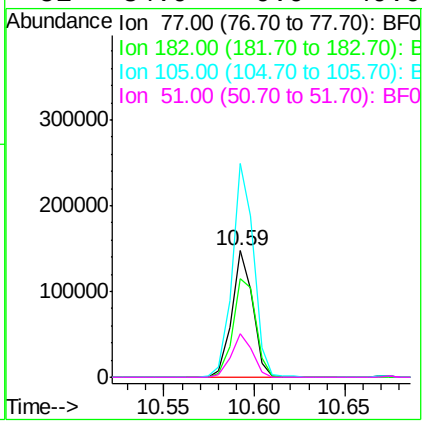


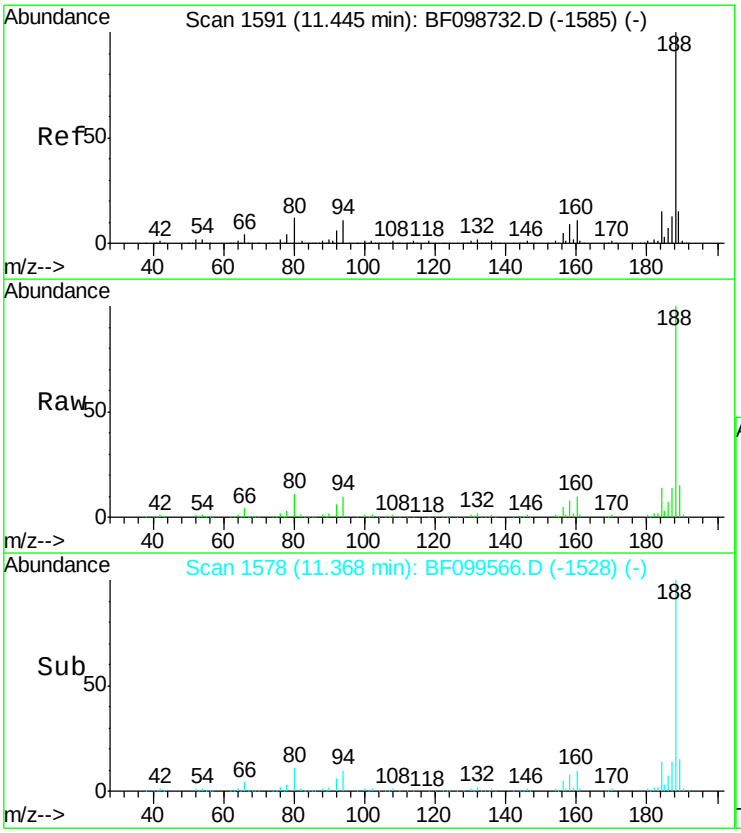
#62
Azobenzene
Concen: 9.02 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 119460

Ion	Ratio	Lower	Upper
77	100		
182	77.8	1.7	41.7#
105	169.0	3.0	43.0#
51	34.9	9.9	49.9

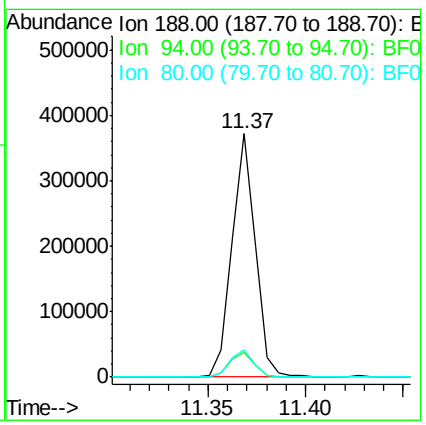


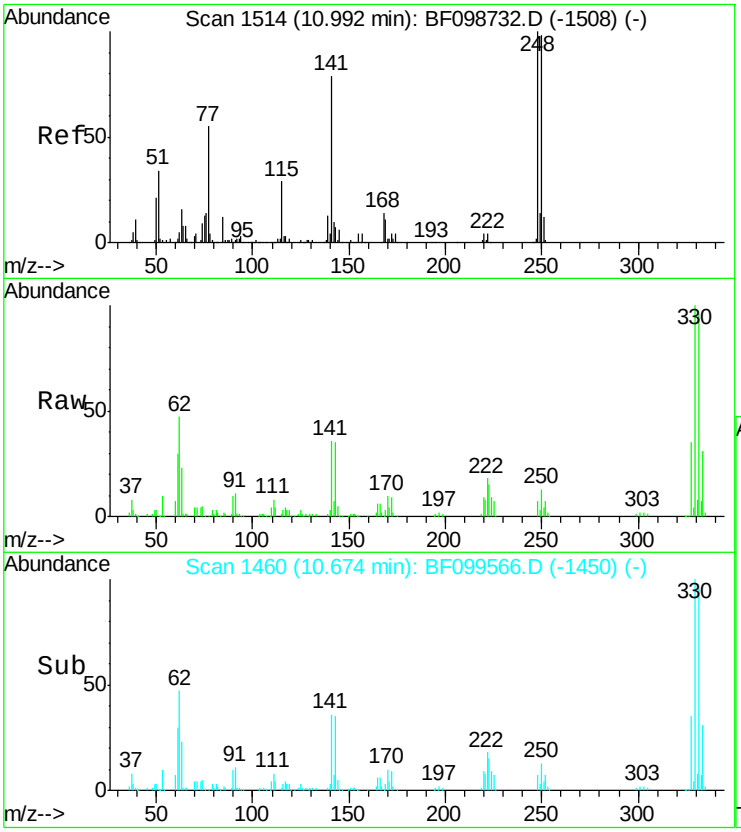


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

Tgt Ion:188 Resp: 308282

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.4	9.2	13.8



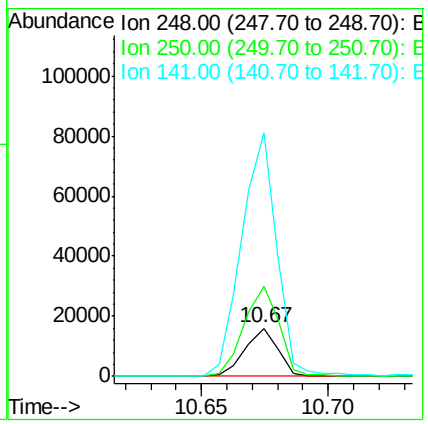


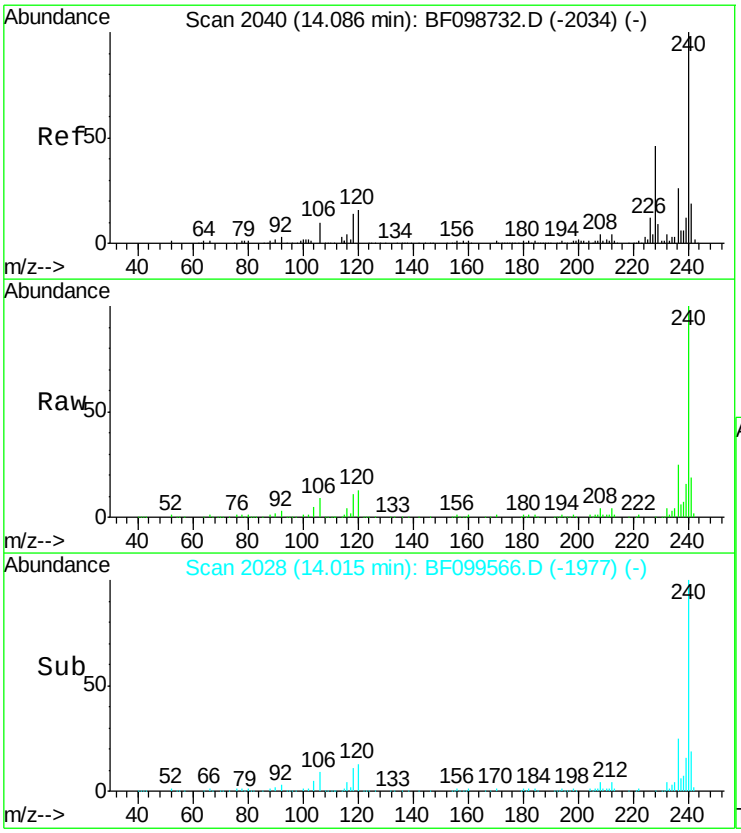
#66
4-Bromophenyl-phenylether
Concen: 4.83 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 14568

Ion	Ratio	Lower	Upper
248	100		
250	187.5	76.9	115.3#
141	506.8	74.4	111.6#

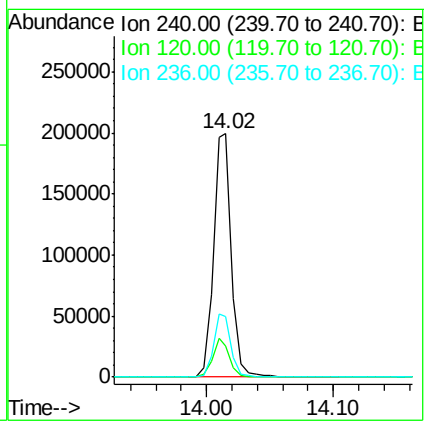


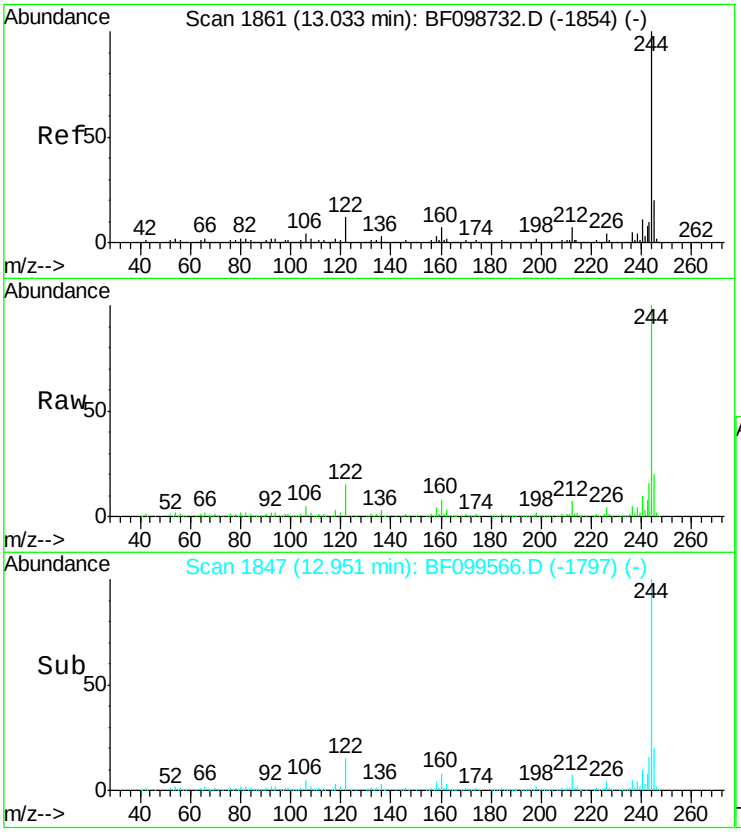


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

Tgt Ion:240 Resp: 196604

Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.5	14.3
236	24.8	20.7	31.1



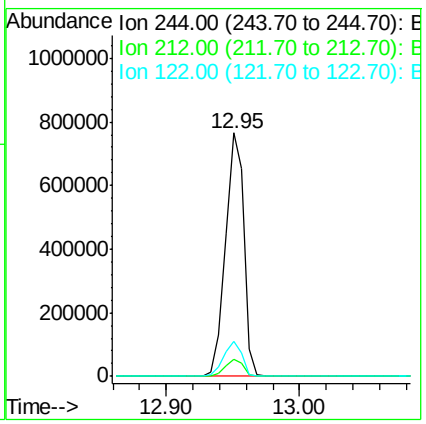


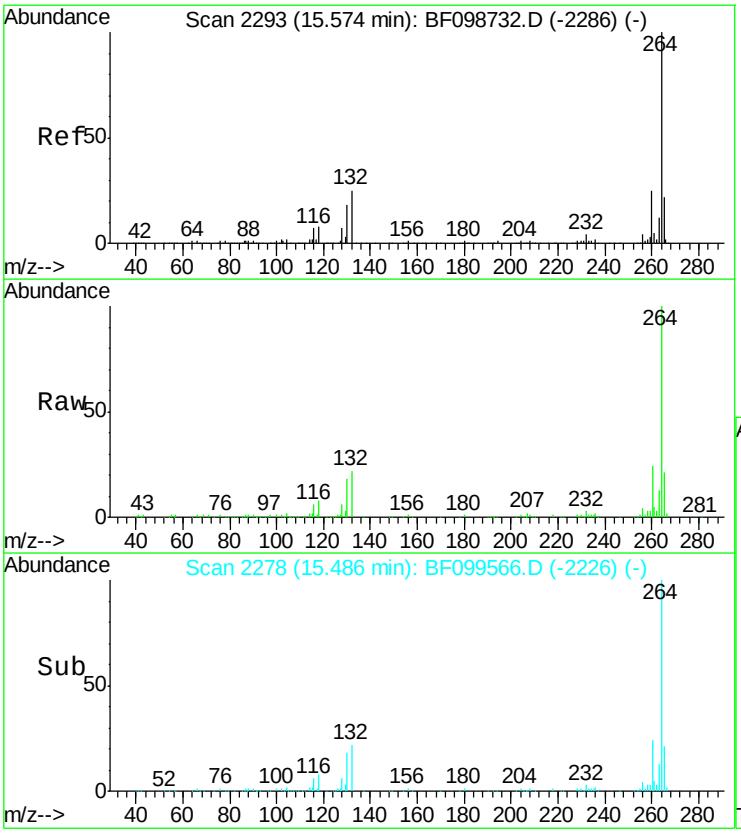
#78
Terphenyl-d14
Concen: 86.11 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 744453

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.6	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099566.D
Acq: 17 Oct 2017 1:29

Tgt Ion:264 Resp: 204065

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	20.8	17.5	26.3