Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
Data File : BF099339.D
Acq On : 11 Oct 2017 11:59
Operator : SJ/JU
Sample : I5745-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 11 15:30:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	101262	20.00	ng		-0.02
21) Naphthalene-d8	8.13	136	417611	20.00	ng		-0.02
38) Acenaphthene-d10	9.89	164	193368	20.00	ng		-0.02
63) Phenanthrene-d10	11.37	188	339478	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	192637	20.00	ng		-0.02
86) Perylene-d12	15.47	264	173074	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	761727	119.75	ng		0.01
7) Phenol-d6	6.49	99	810266	103.26	ng		0.00
23) Nitrobenzene-d5	7.42	82	605651	93.01	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	225711	142.65	ng		-0.02
44) 2-Fluorobiphenyl	9.21	172	1147533	99.07	ng		-0.02
78) Terphenyl-d14	12.96	244	931131	109.93	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.63	77	15953	3.505	ng		84
15) Benzyl Alcohol	6.99	79	58348	10.136	ng		96
17) 2-Methylphenol	6.99	107	28547	4.843	ng	#	14
19) n-Nitroso-di-n-propylamine	7.42	70	77255	15.420	ng	#	74
20) 3+4-Methylphenols	6.99	107	28547	3.828	ng	#	1
25) Isophorone	7.42	82	605640	44.984	ng	#	64
50) 2,6-Dinitrotoluene	9.89	165	25101	7.900	ng	#	25
56) 2,4-Dinitrotoluene	9.89	165	25101	6.087	ng	#	23
66) 4-Bromophenyl-phenylether	10.68	248	15160	4.562	ng	#	1

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

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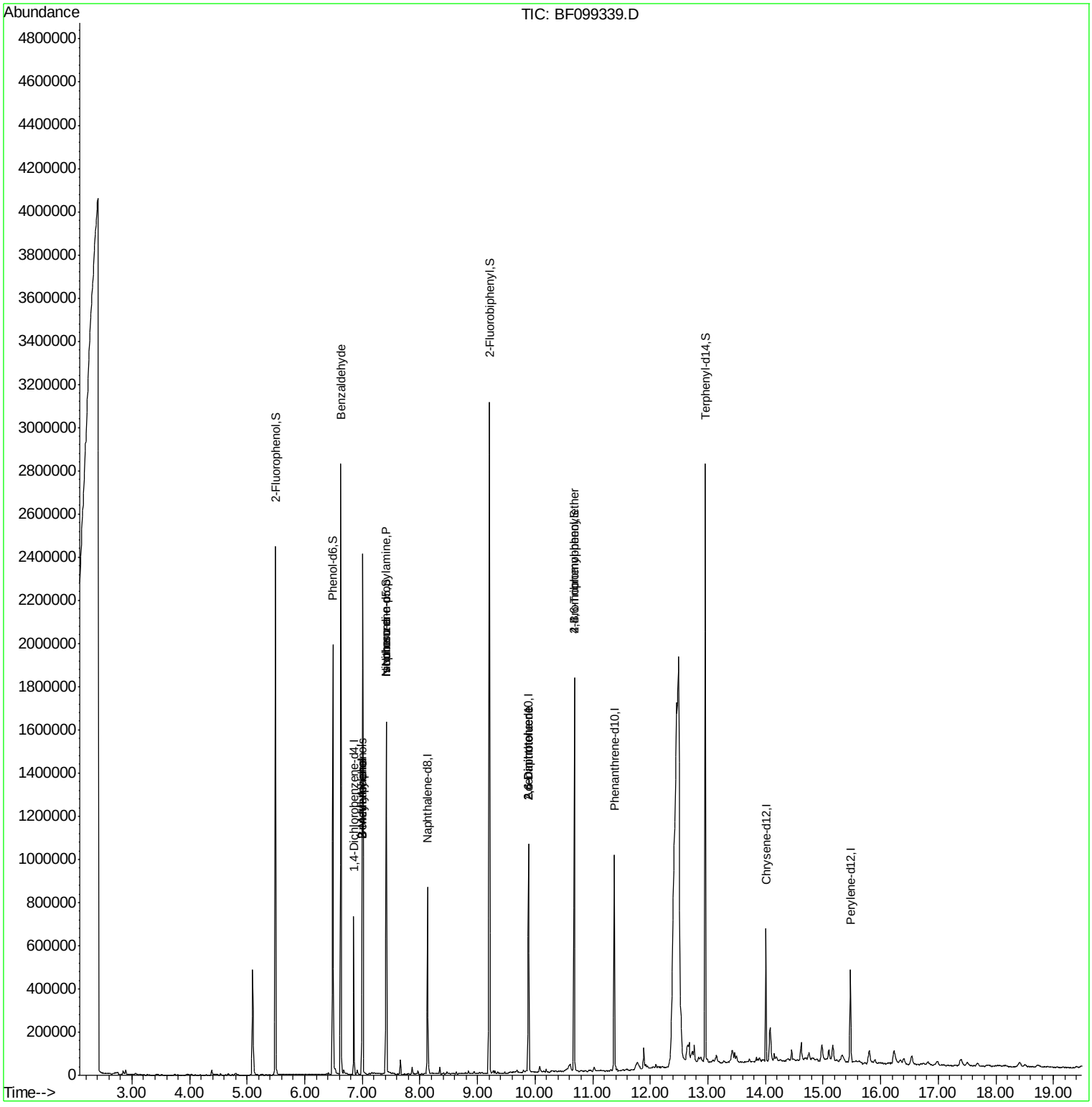
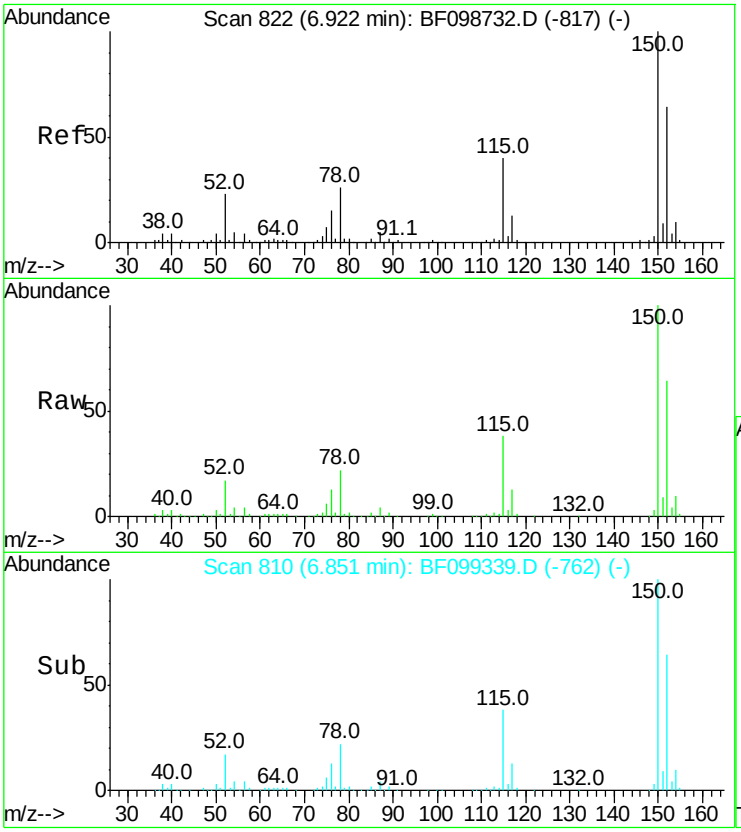


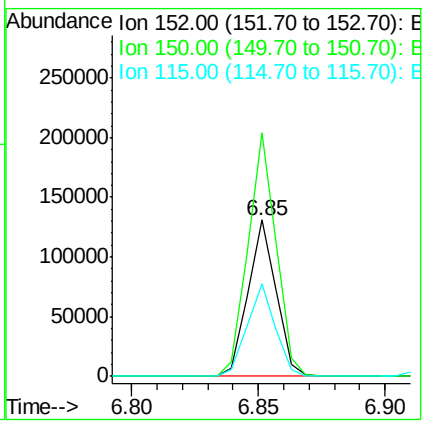


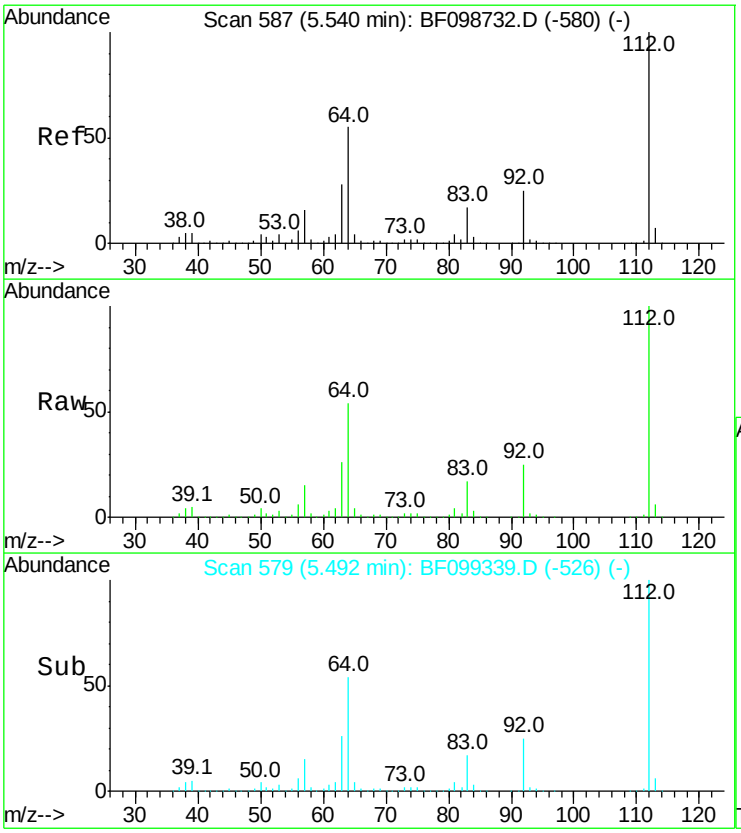
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.02 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 101262

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	59.3	50.1	75.1

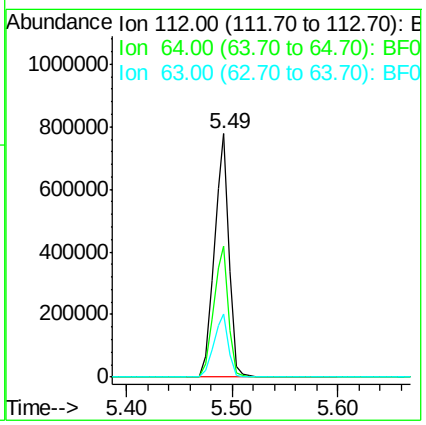


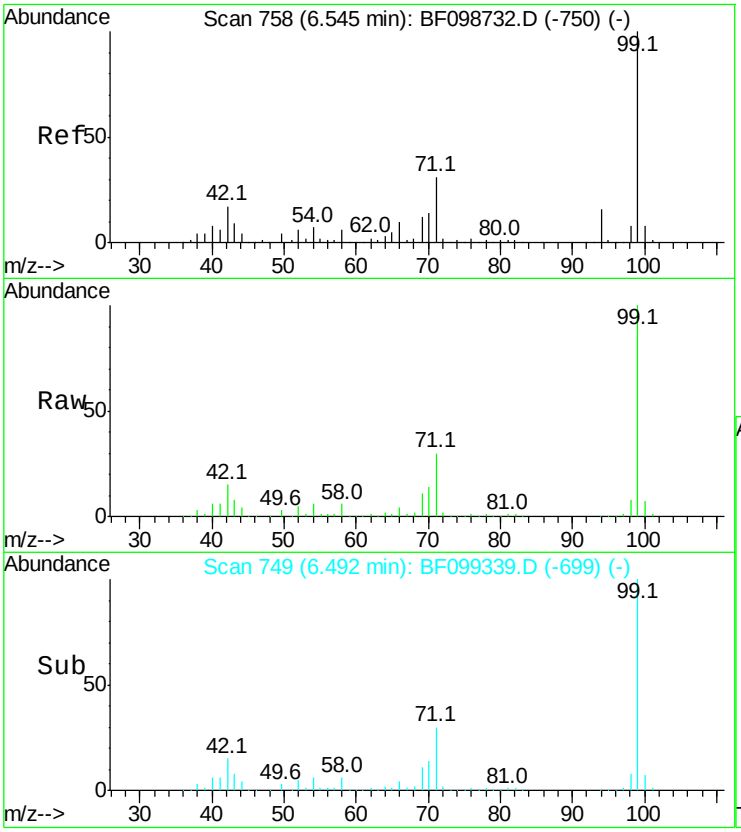


#5
2-Fluorophenol
Concen: 119.748 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

Tgt Ion:112 Resp: 761727

Ion	Ratio	Lower	Upper
112	100		
64	53.6	47.9	71.9
63	26.1	23.7	35.5



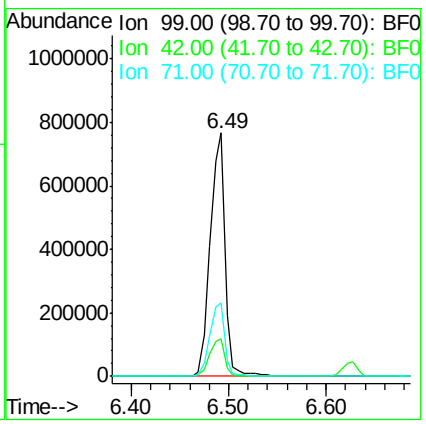


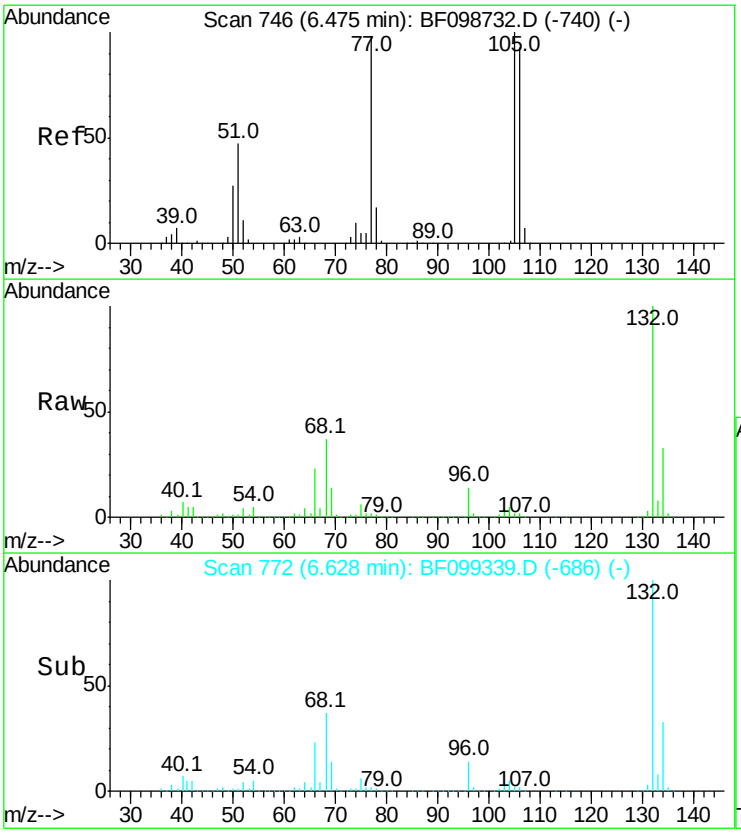
#7
Phenol-d6
Concen: 103.257 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 810266

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.5	21.7
71	30.2	25.4	38.0

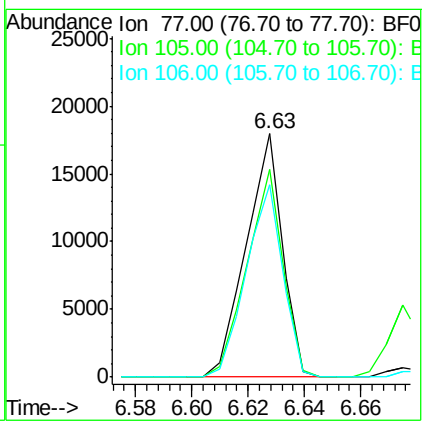


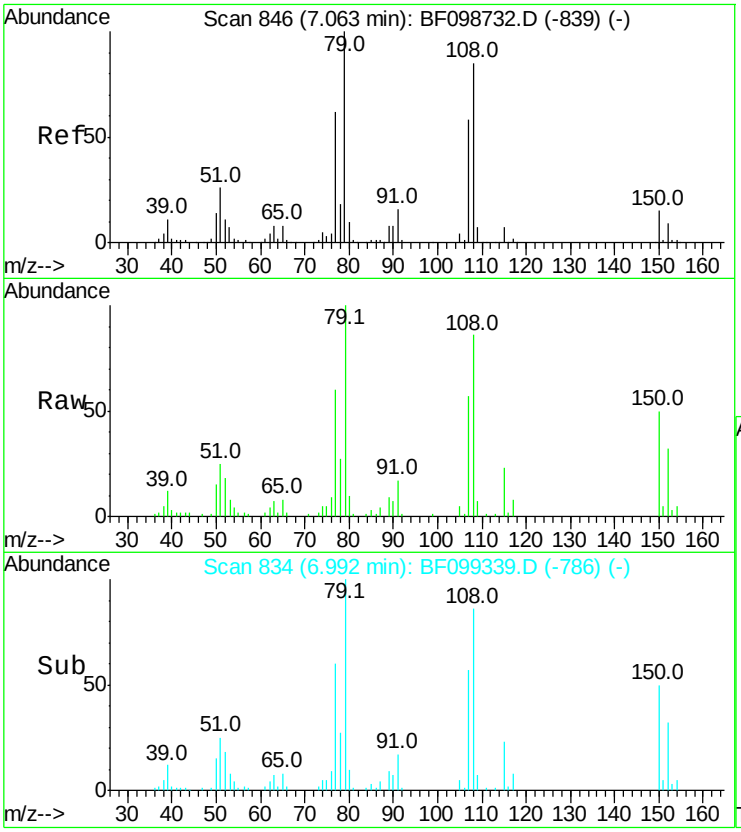


#9
Benzaldehyde
Concen: 3.505 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.21 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

Tgt Ion: 77 Resp: 15953

Ion	Ratio	Lower	Upper
77	100		
105	85.3	81.1	121.1
106	79.2	74.5	114.5



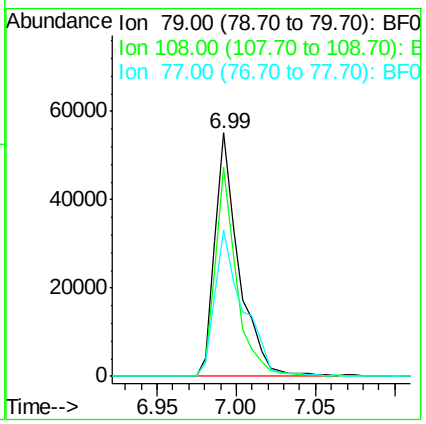


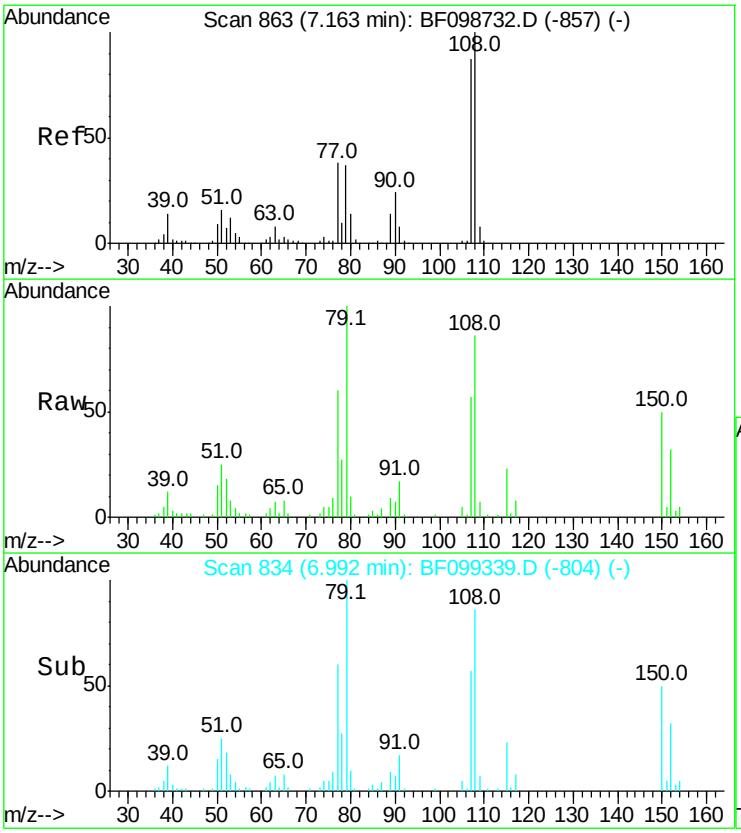
#15
Benzyl Alcohol
Concen: 10.136 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 58348

Ion	Ratio	Lower	Upper
79	100		
108	85.6	65.1	97.7
77	60.3	50.6	75.8

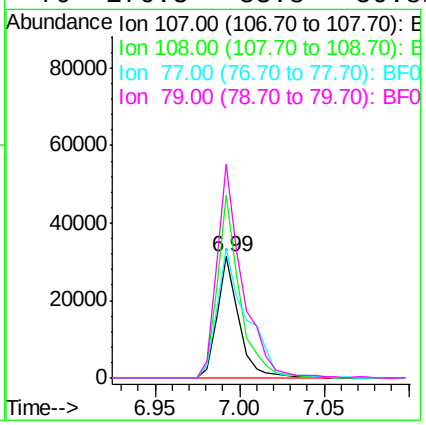


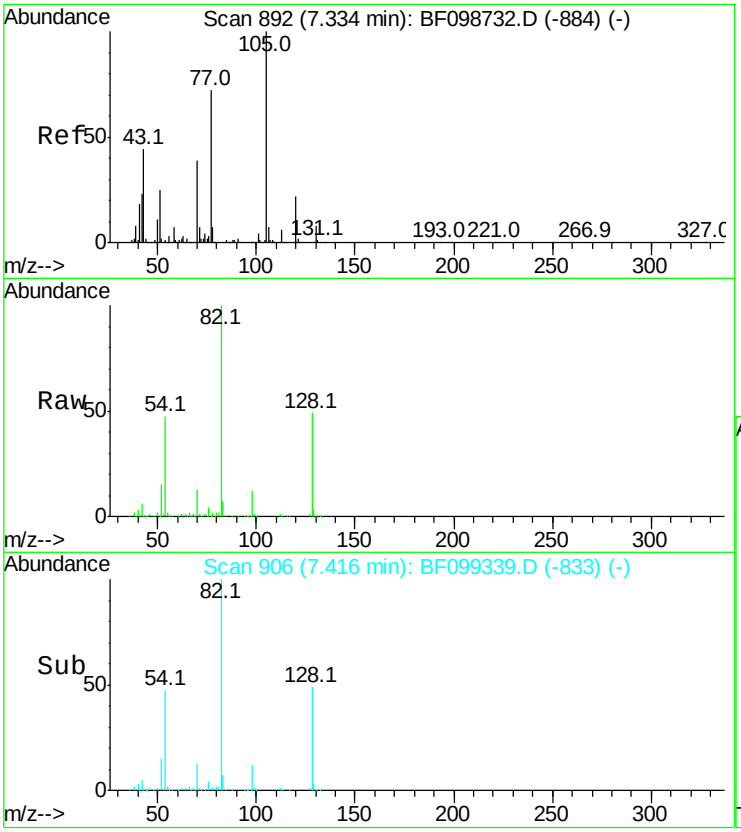


#17
2-Methylphenol
Concen: 4.843 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.12 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

Tgt Ion:107 Resp: 28547

Ion	Ratio	Lower	Upper
107	100		
108	151.0	91.7	137.5#
77	106.4	33.8	50.8#
79	176.3	33.8	50.8#



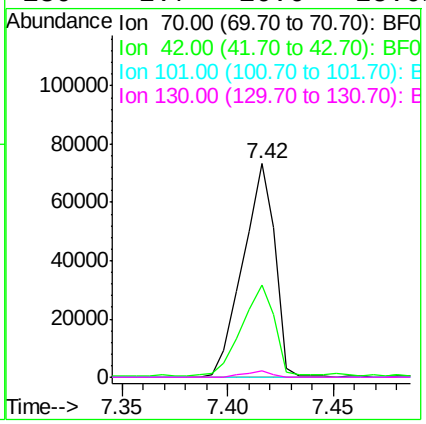


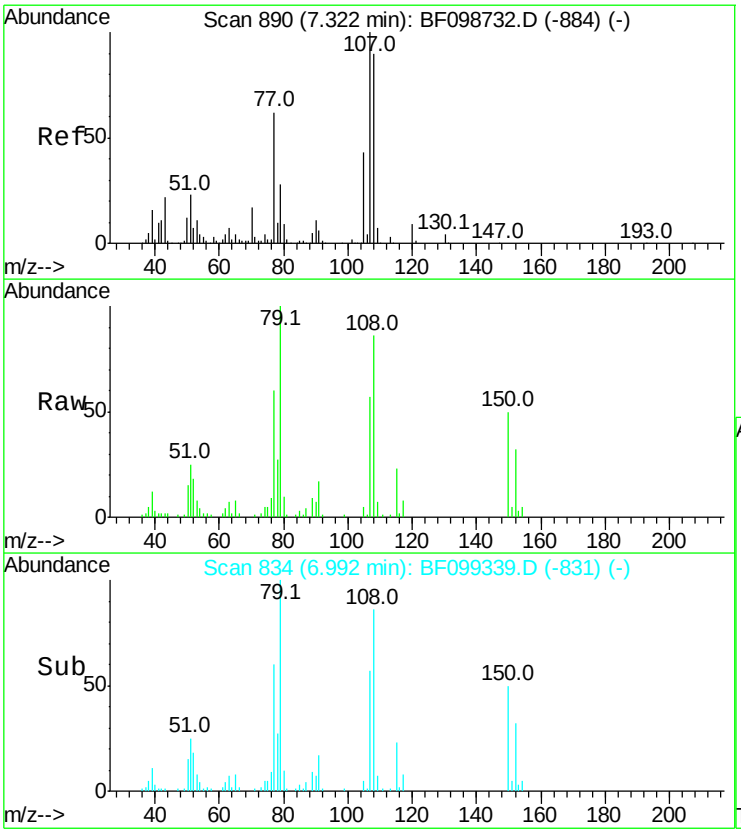
#19
n-Nitroso-di-n-propylamine
Concen: 15.420 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.13 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 77255

Ion	Ratio	Lower	Upper
70	100		
42	43.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#

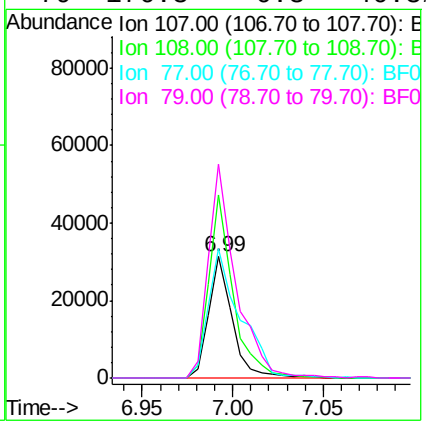


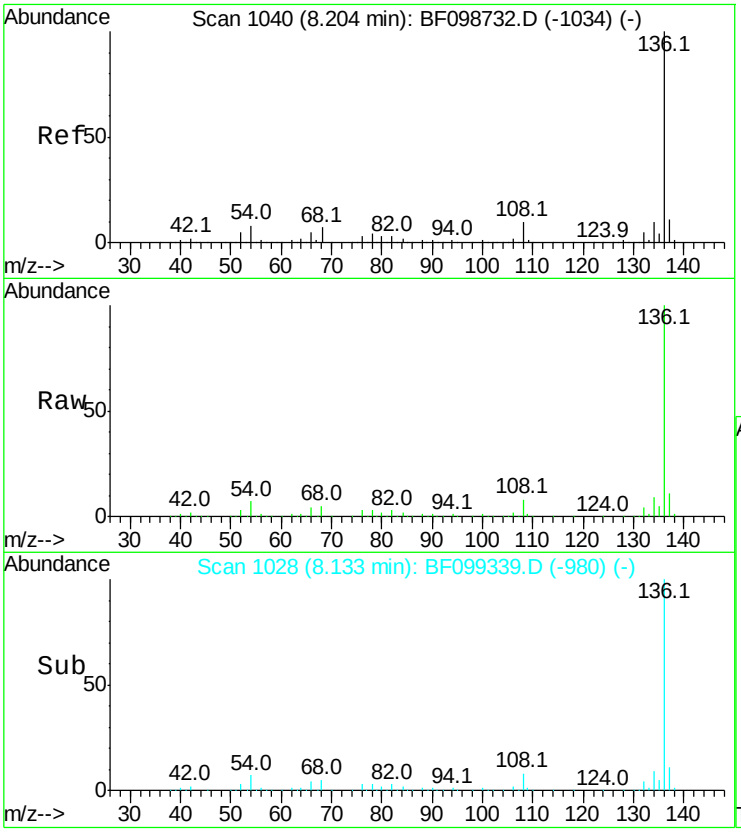


#20
3+4-Methylphenols
Concen: 3.828 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.28 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

Tgt Ion:107 Resp: 28547

Ion	Ratio	Lower	Upper
107	100		
108	151.0	68.2	108.2#
77	106.4	26.7	66.7#
79	176.3	6.3	46.3#



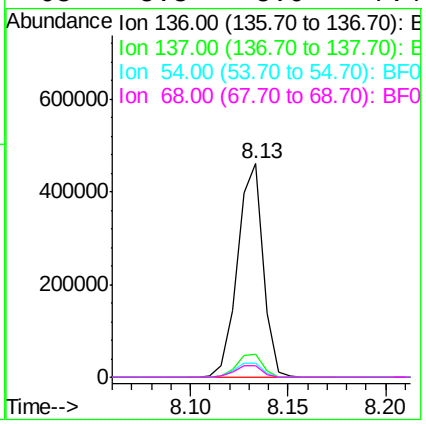


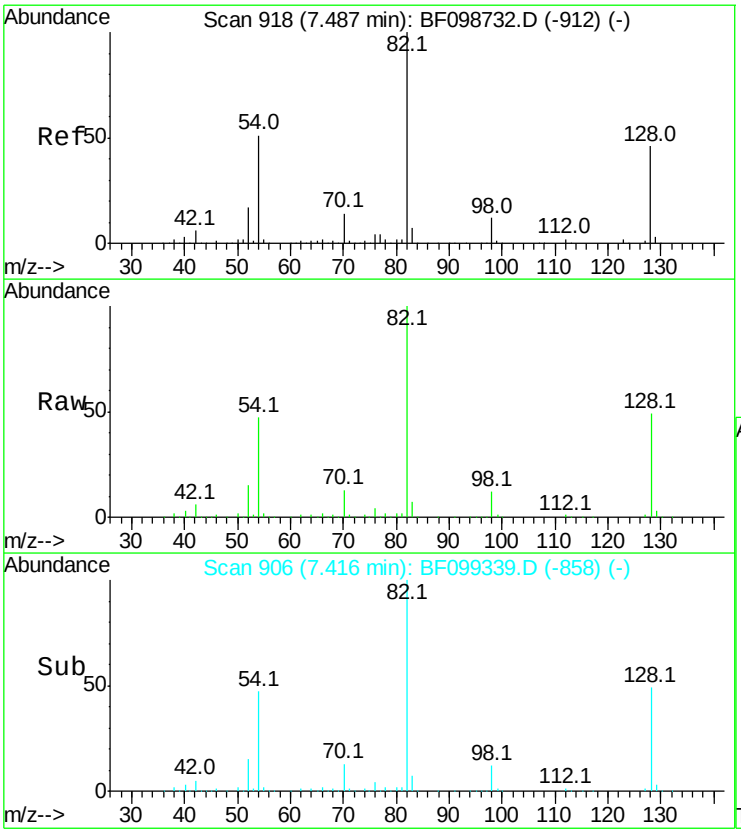
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 417611

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.5	6.6	9.8#
68	5.3	5.0	7.4

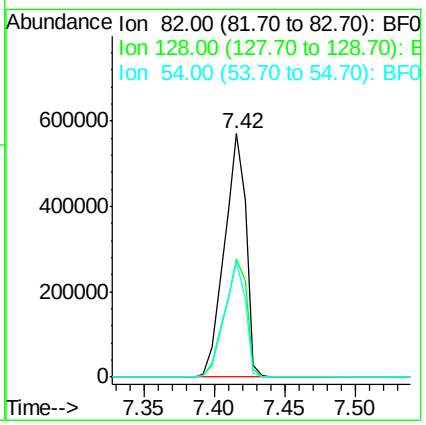


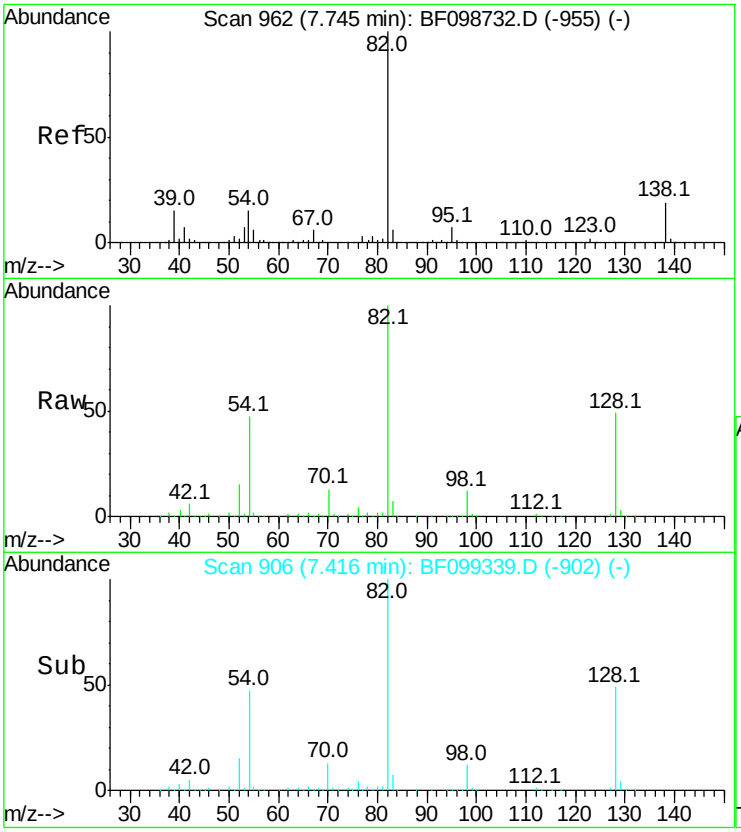


#23
Nitrobenzene-d5
Concen: 93.006 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

Tgt Ion: 82 Resp: 605651

Ion	Ratio	Lower	Upper
82	100		
128	48.7	36.1	54.1
54	47.3	41.4	62.2



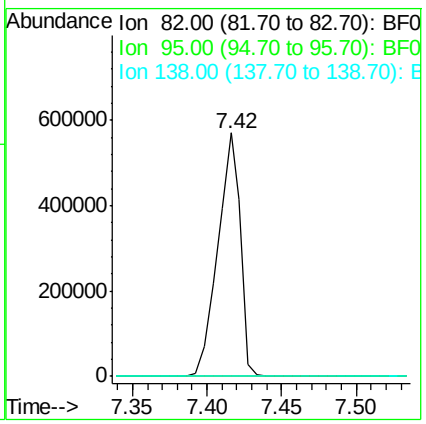


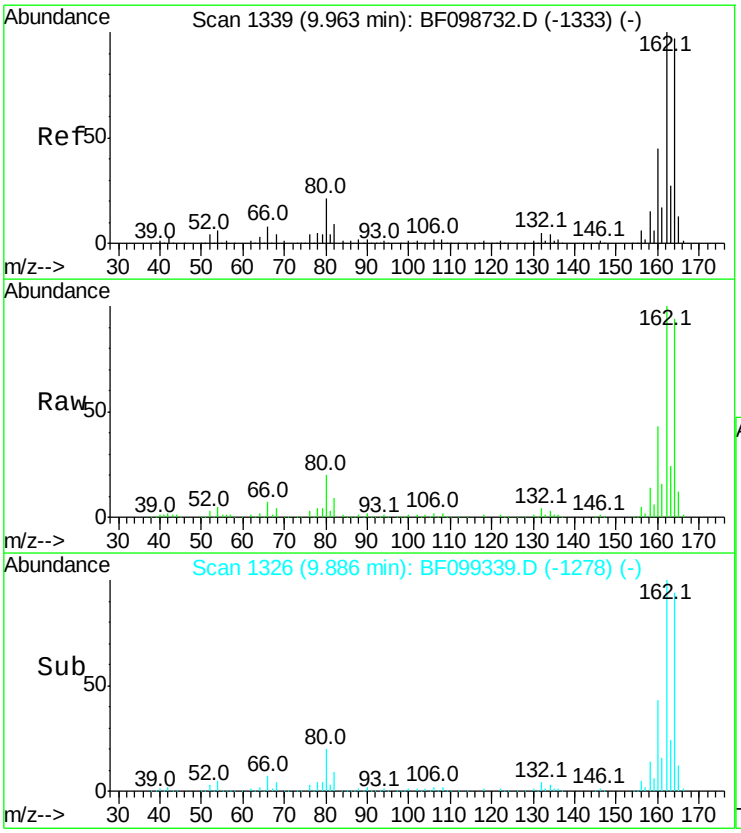
#25
Isophorone
Concen: 44.984 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.28 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 605640

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

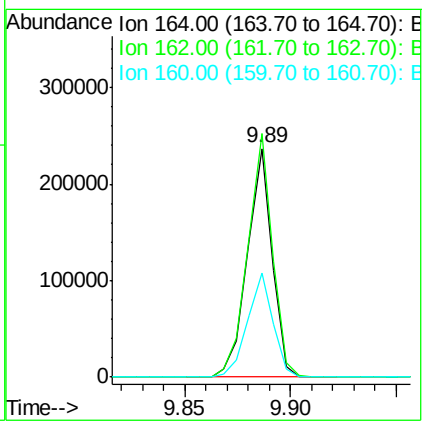


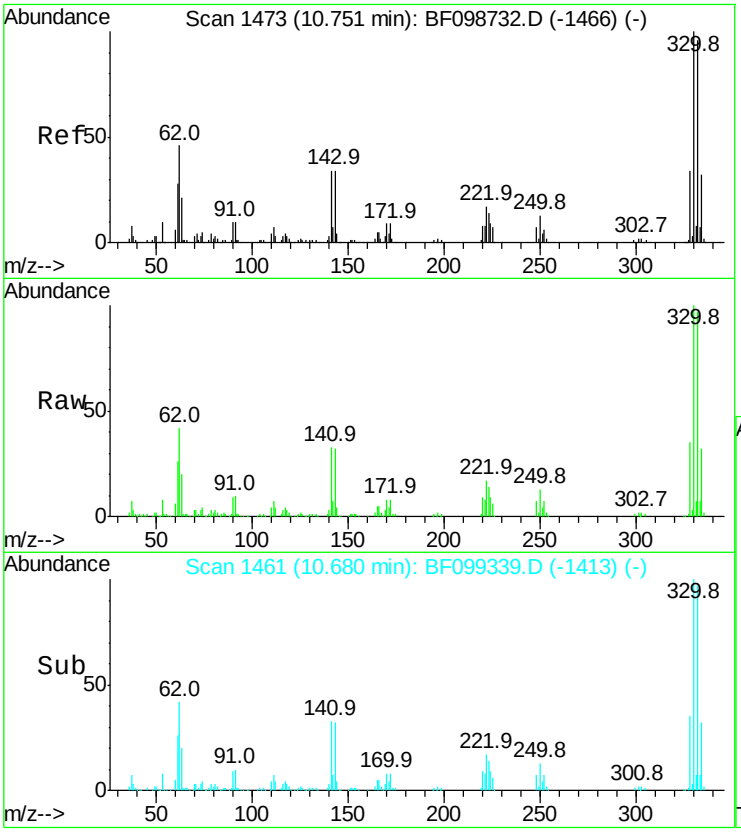


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

Tgt Ion:164 Resp: 193368

Ion	Ratio	Lower	Upper
164	100		
162	106.7	86.1	129.1
160	45.4	38.3	57.5



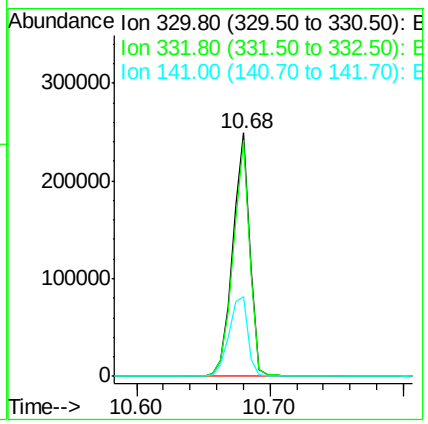


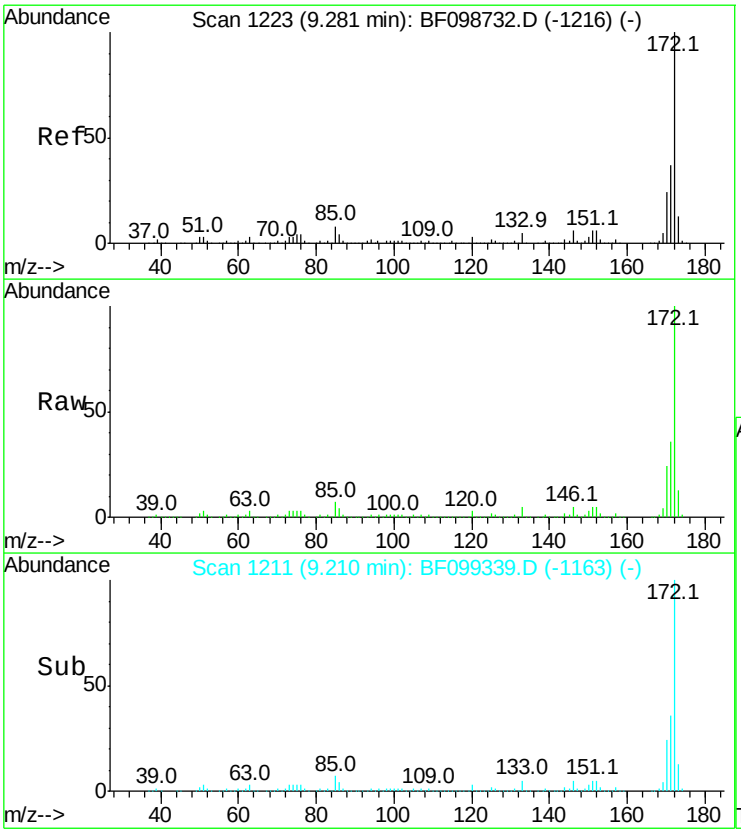
#41
2,4,6-Tribromophenol
Concen: 142.650 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.02 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 225711

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	36.7	29.9	44.9

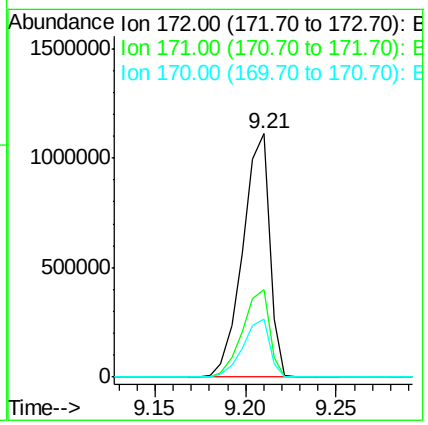


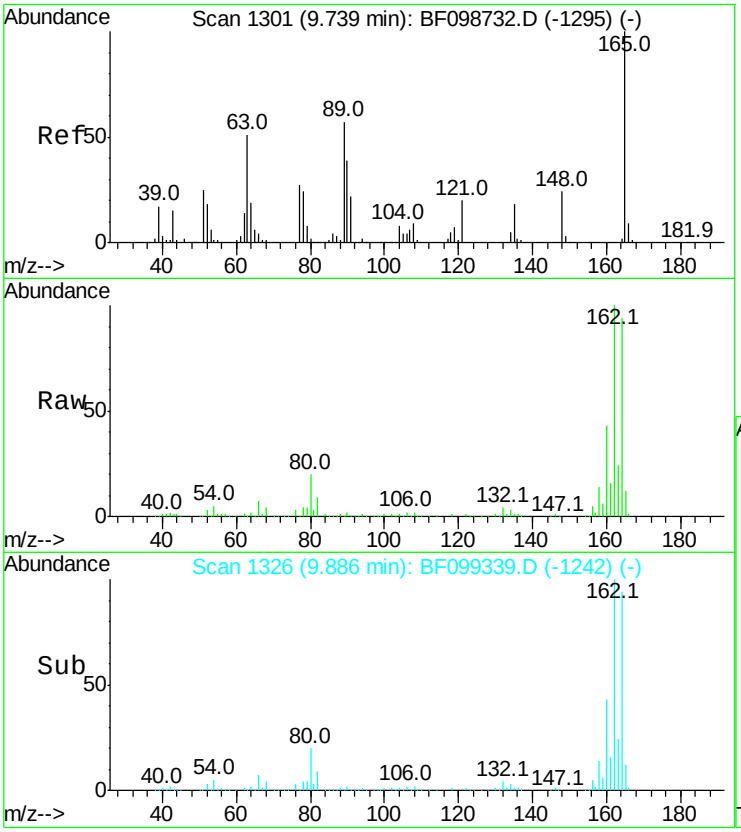


#44
2-Fluorobiphenyl
Concen: 99.071 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.02 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

Tgt Ion:172 Resp: 1147533

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.0	19.6	29.4



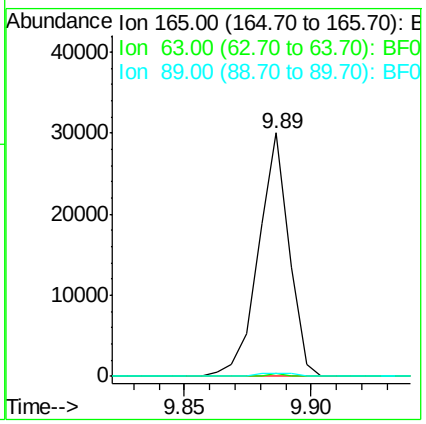


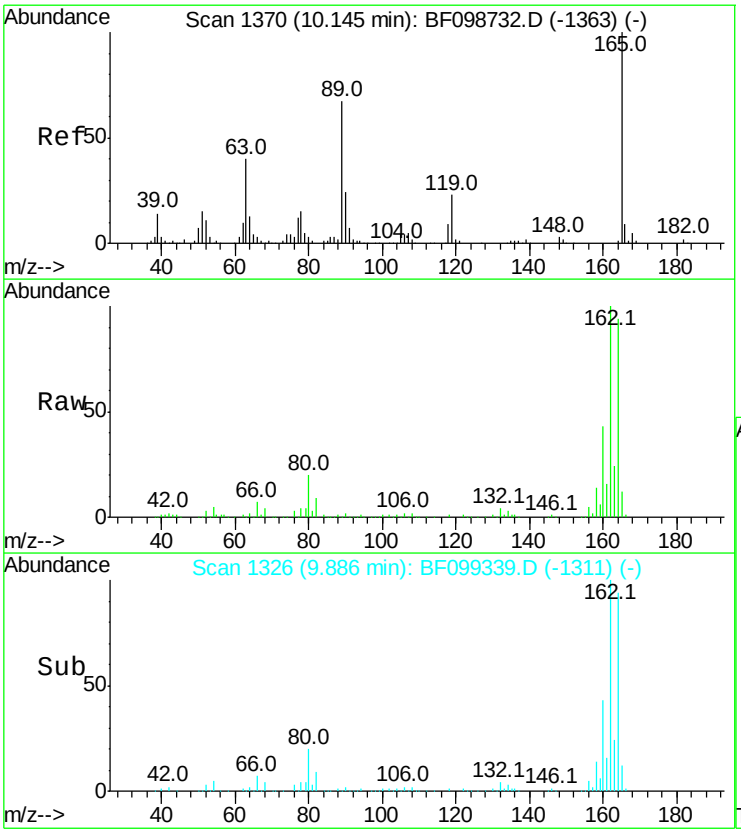
#50
2,6-Dinitrotoluene
Concen: 7.900 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.19 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25101

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.2	44.0	66.0#

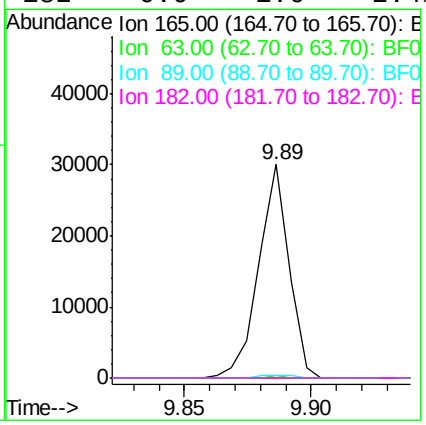


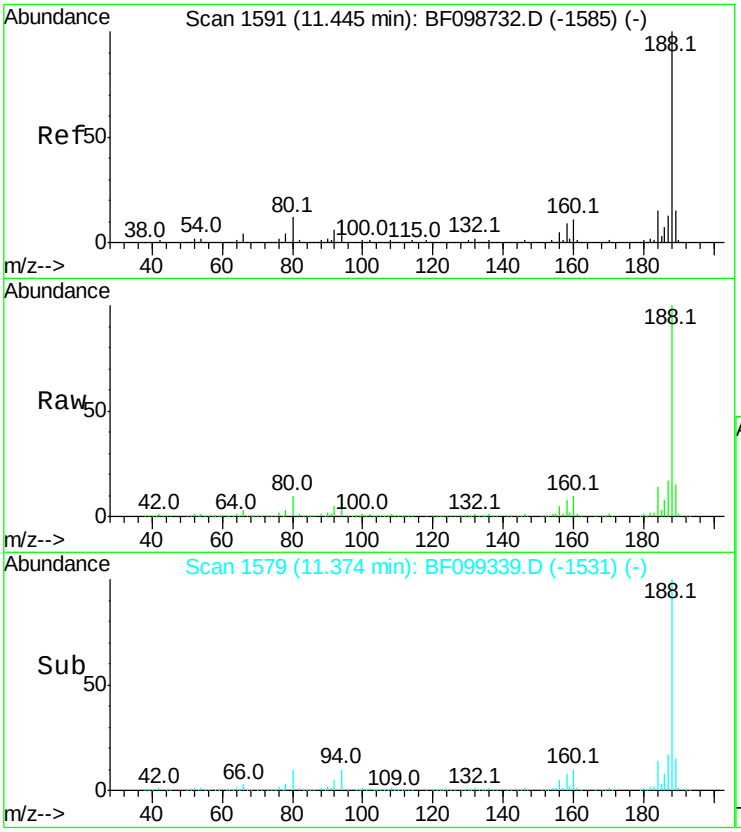


#56
2,4-Dinitrotoluene
Concen: 6.087 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.21 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

Tgt Ion:165 Resp: 25101

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



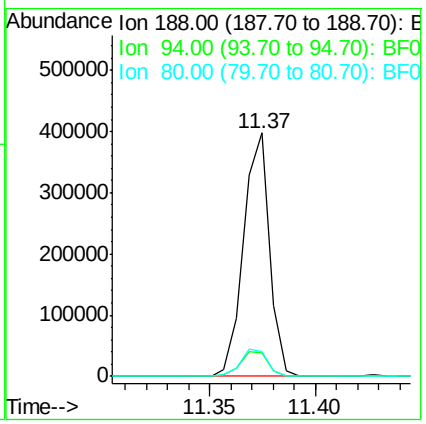


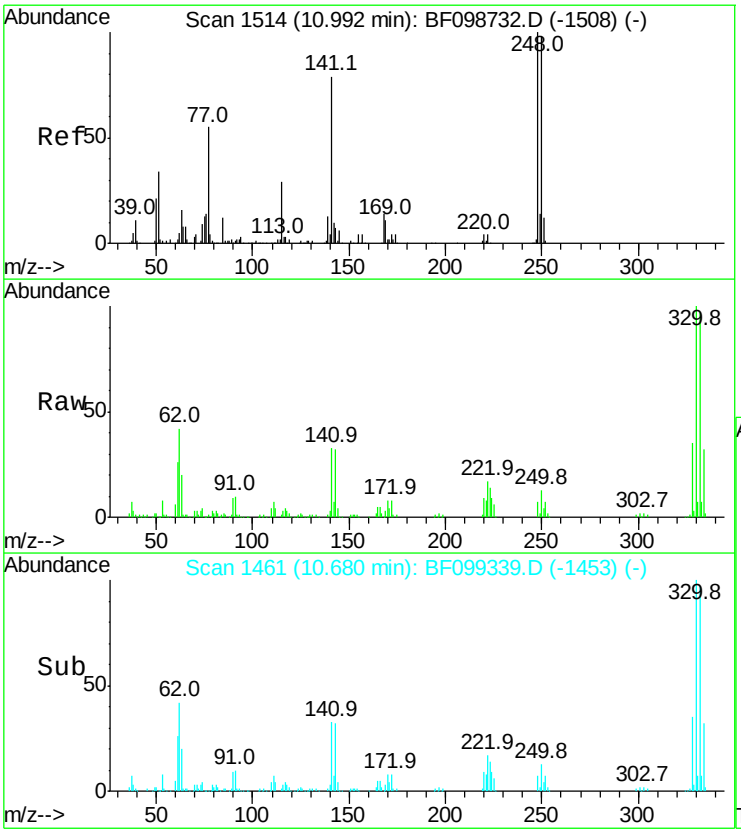
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 339478

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.1	9.2	13.8

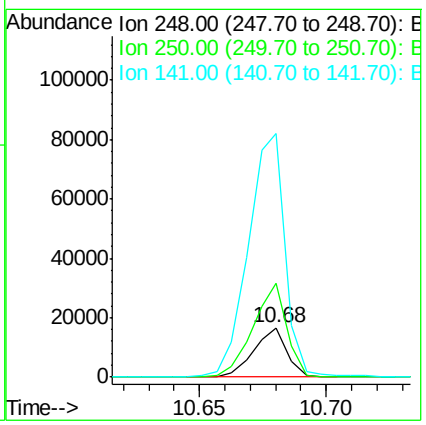


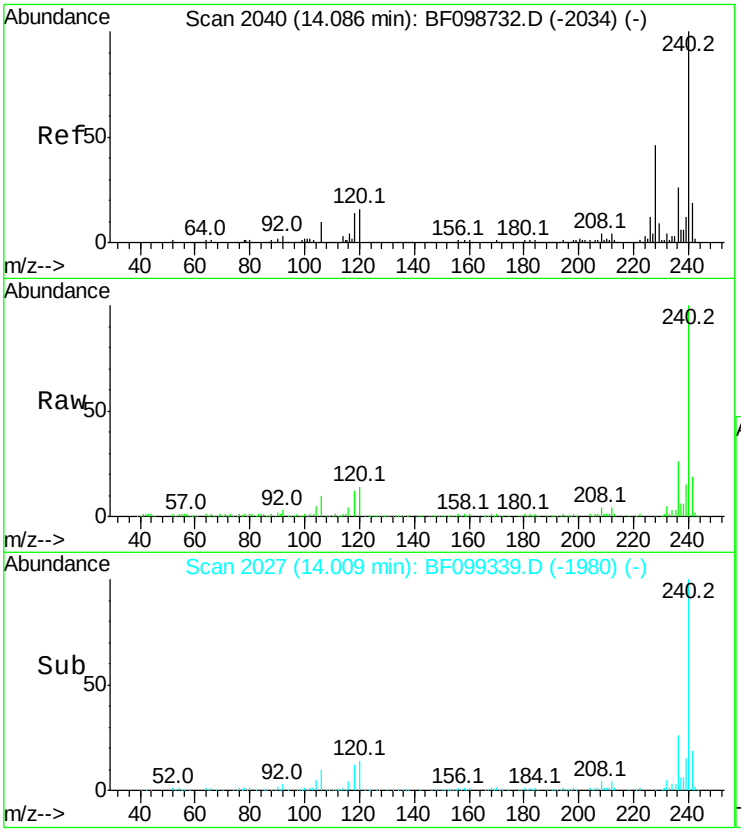


#66
4-Bromophenyl-phenylether
Concen: 4.562 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

Tgt Ion:248 Resp: 15160

Ion	Ratio	Lower	Upper
248	100		
250	191.7	76.9	115.3#
141	494.4	74.4	111.6#



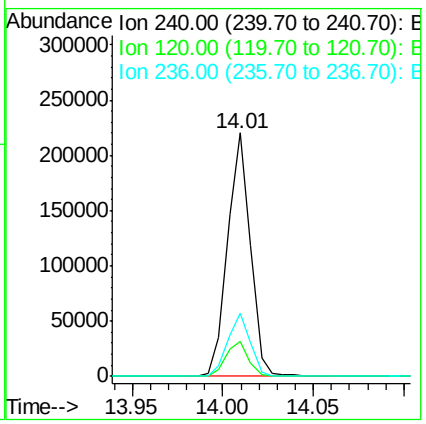


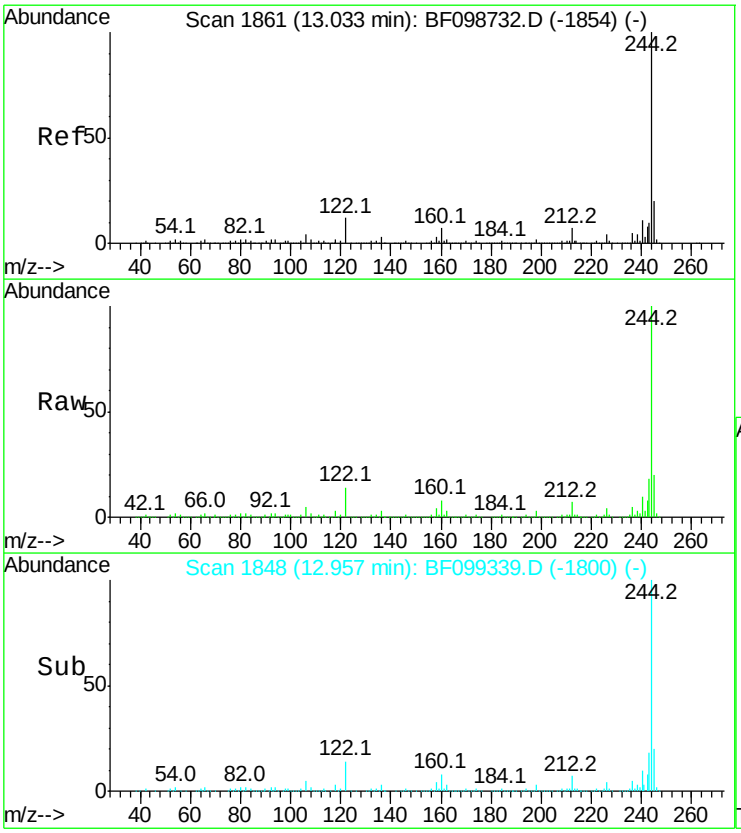
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 192637

Ion	Ratio	Lower	Upper
240	100		
120	14.2	9.5	14.3
236	25.8	20.7	31.1

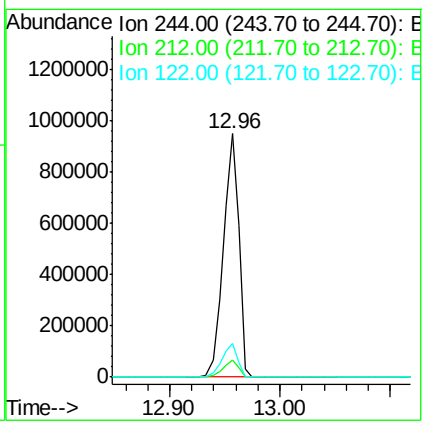


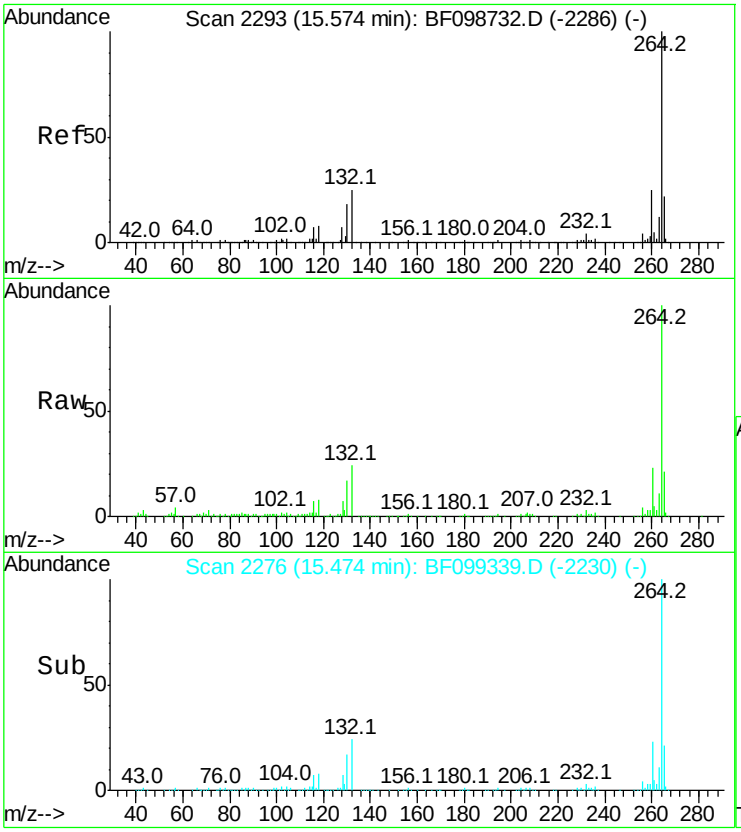


#78
Terphenyl-d14
Concen: 109.926 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.02 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

Tgt Ion:244 Resp: 931131

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BF099339.D
Acq: 11 Oct 2017 11:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 173074

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	20.7	17.5	26.3