Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099332.D
Acq On : 11 Oct 2017 7:34
Operator : SJ/JU
Sample : I5745-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 11 08:00:47 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	6.86	152	86262	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	333487	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	124278	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	198871	20.00	ng		0.00
75) Chrysene-d12	14.03	240	178650	20.00	ng		0.00
86) Perylene-d12	15.50	264	122168	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	667580	123.20	ng		0.02
7) Phenol-d6	6.50	99	703665	105.26	ng		0.00
23) Nitrobenzene-d5	7.43	82	460990	88.65	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	126436	124.33	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	865789	116.30	ng		0.00
78) Terphenyl-d14	12.97	244	696007	88.60	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.64	77	13852	3.57	ng		88
15) Benzyl Alcohol	7.00	79	45638	9.31	ng		96
17) 2-Methylphenol	7.00	107	21685	4.32	ng	#	6
19) n-Nitroso-di-n-propylamine	7.43	70	59637	13.97	ng	#	73
20) 3+4-Methylphenols	7.00	107	21685	3.41	ng	#	1
50) 2,6-Dinitrotoluene	9.90	165	15534	7.61	ng	#	24
56) 2,4-Dinitrotoluene	9.90	165	15534	5.86	ng	#	21
66) 4-Bromophenyl-phenylether	10.69	248	8465	4.35	ng	#	1

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

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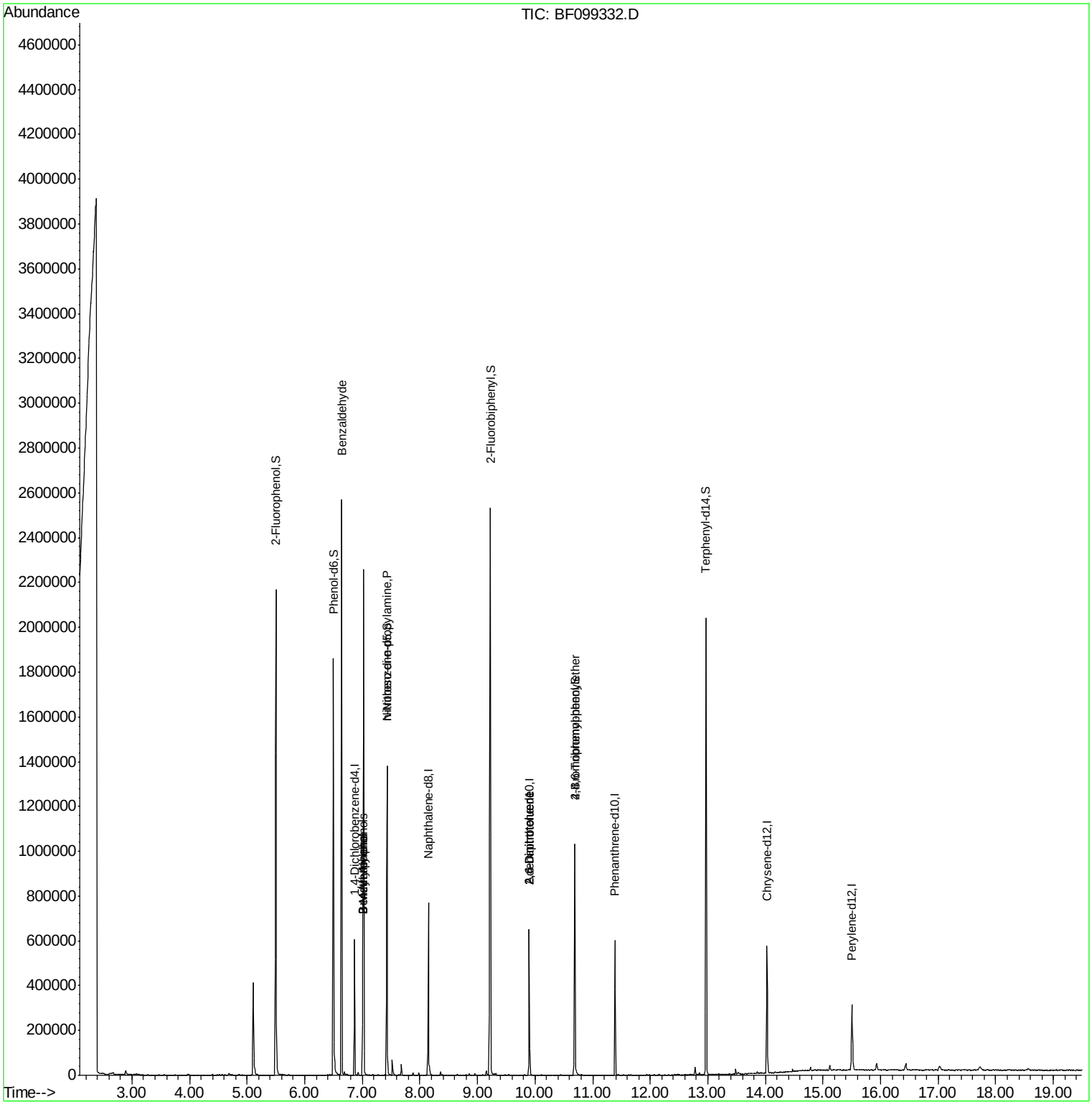
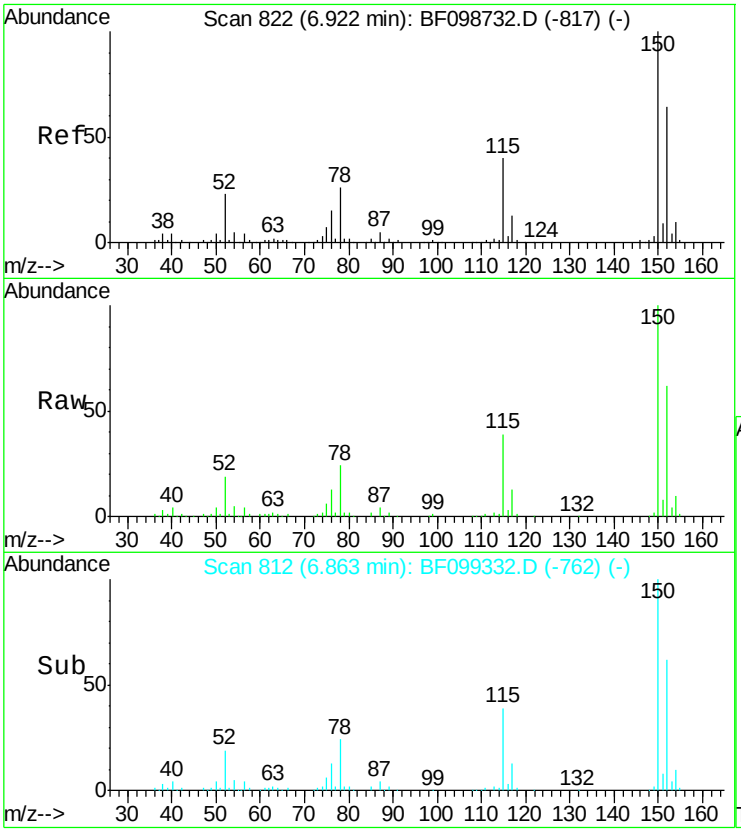
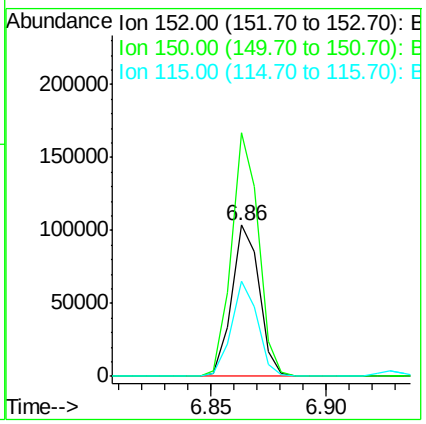




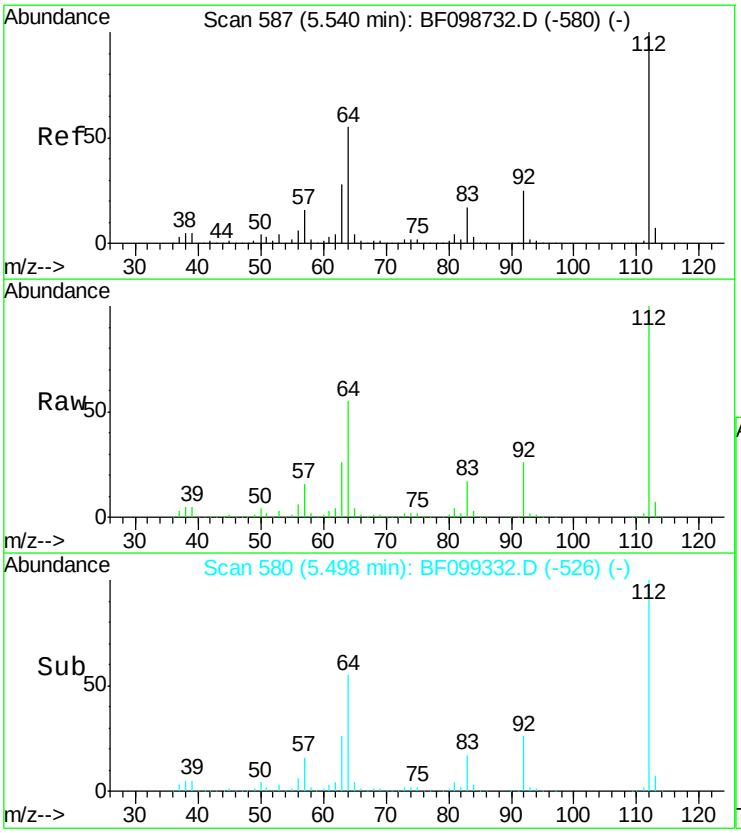
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099332.D
Acq: 11 Oct 2017 7:34

Tgt Ion:152 Resp: 86262

Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.6	186.8
115	63.0	50.1	75.1



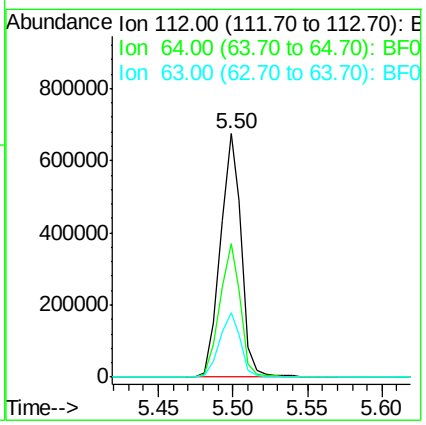
Instrument :
BNA_F
ClientSampleId :

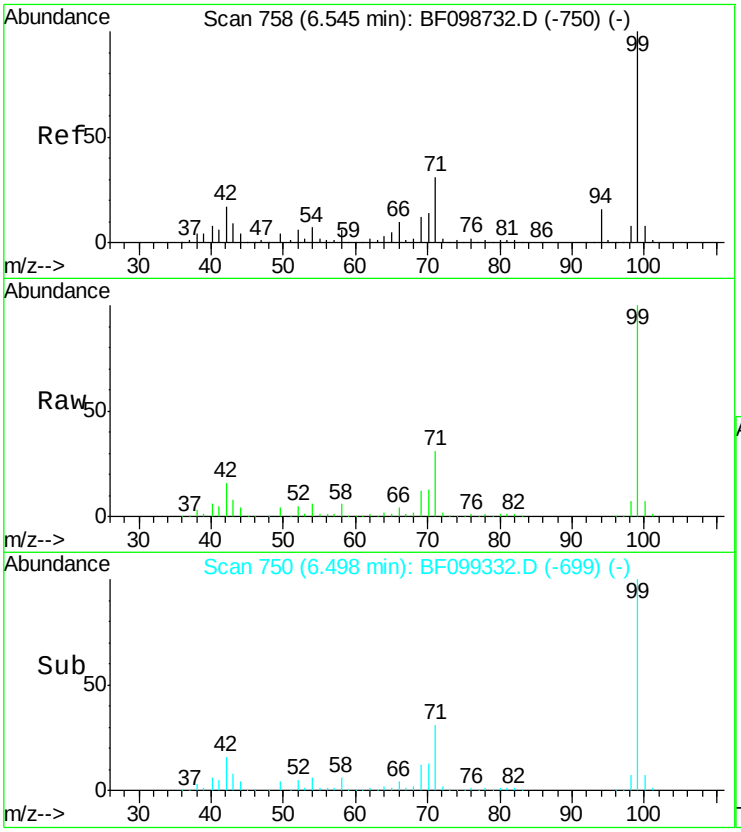


#5
2-Fluorophenol
Concen: 123.20 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF099332.D
Acq: 11 Oct 2017 7:34

Tgt Ion:112 Resp: 667580

Ion	Ratio	Lower	Upper
112	100		
64	55.0	47.9	71.9
63	26.5	23.7	35.5



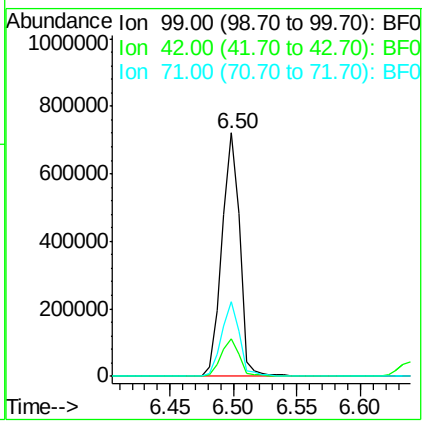


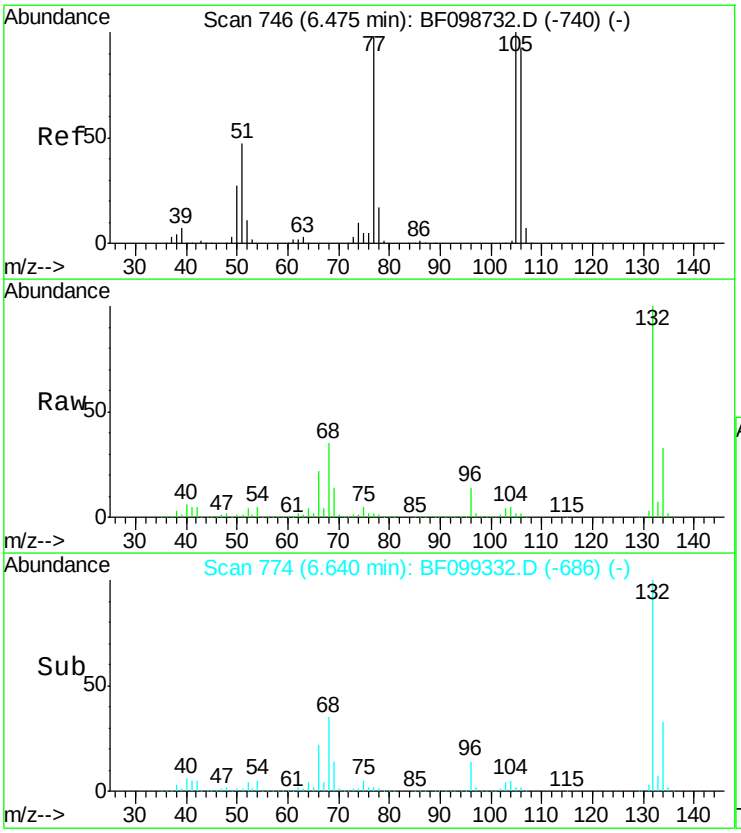
#7
Phenol-d6
Concen: 105.26 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF099332.D
Acq: 11 Oct 2017 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 703665

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.5	21.7
71	30.6	25.4	38.0

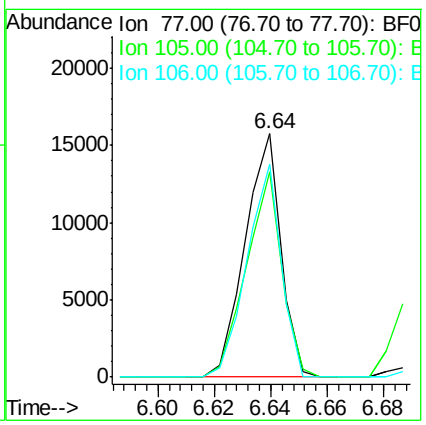


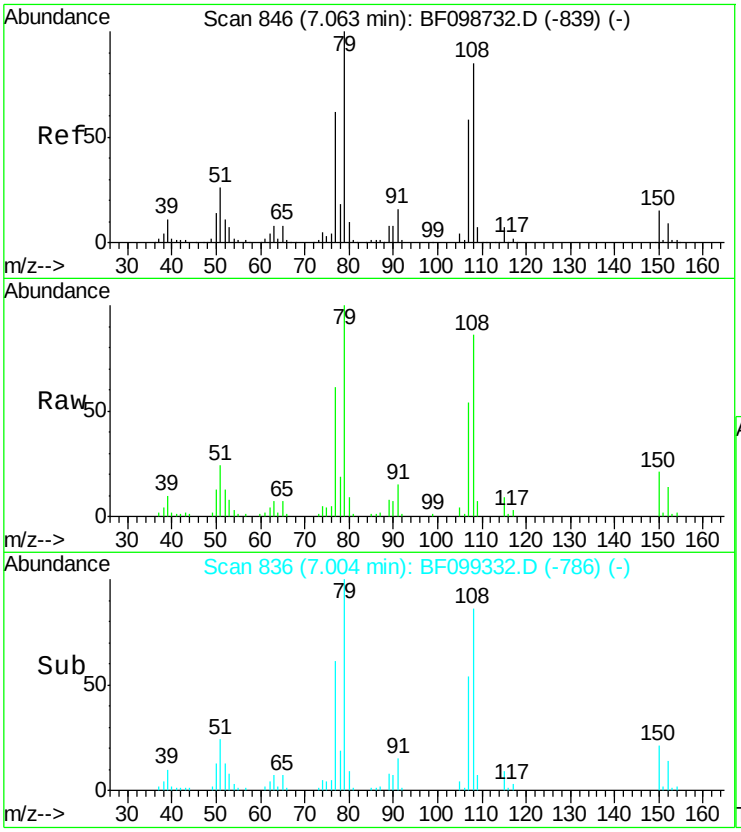


#9
Benzaldehyde
Concen: 3.57 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.22 min
Lab File: BF099332.D
Acq: 11 Oct 2017 7:34

Tgt Ion: 77 Resp: 13852

Ion	Ratio	Lower	Upper
77	100		
105	84.1	81.1	121.1
106	87.3	74.5	114.5



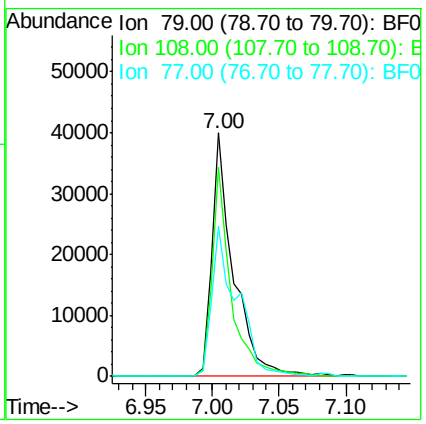


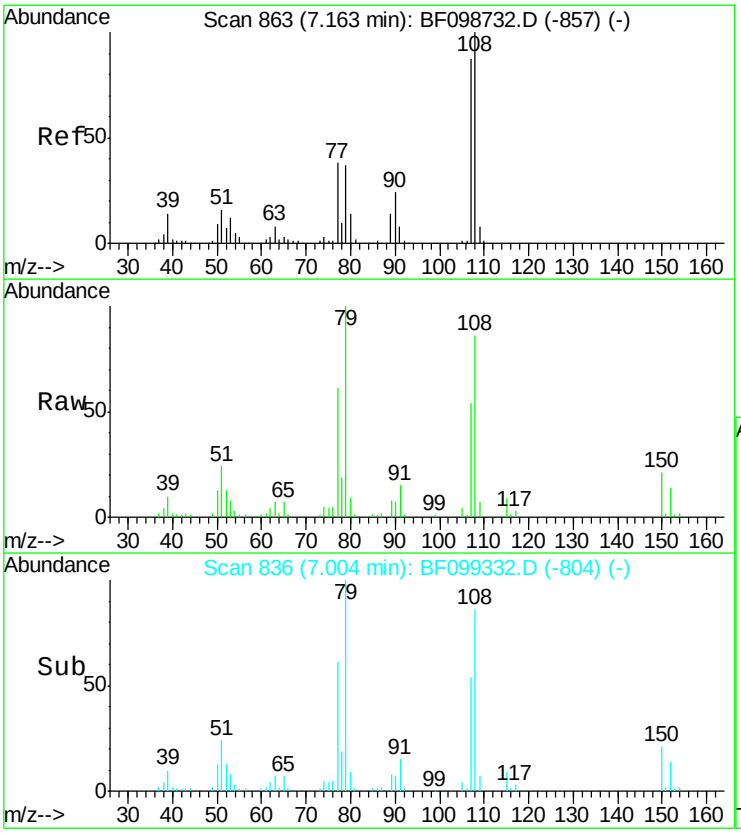
#15
Benzyl Alcohol
Concen: 9.31 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF099332.D
Acq: 11 Oct 2017 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 45638

Ion	Ratio	Lower	Upper
79	100		
108	85.8	65.1	97.7
77	61.5	50.6	75.8

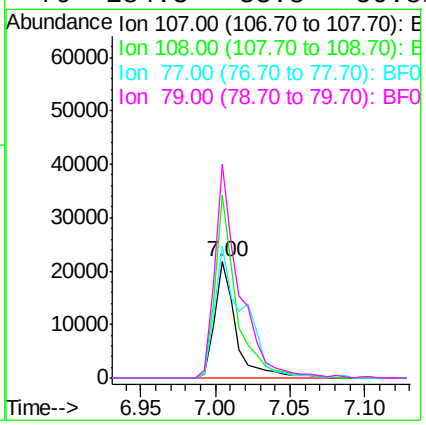


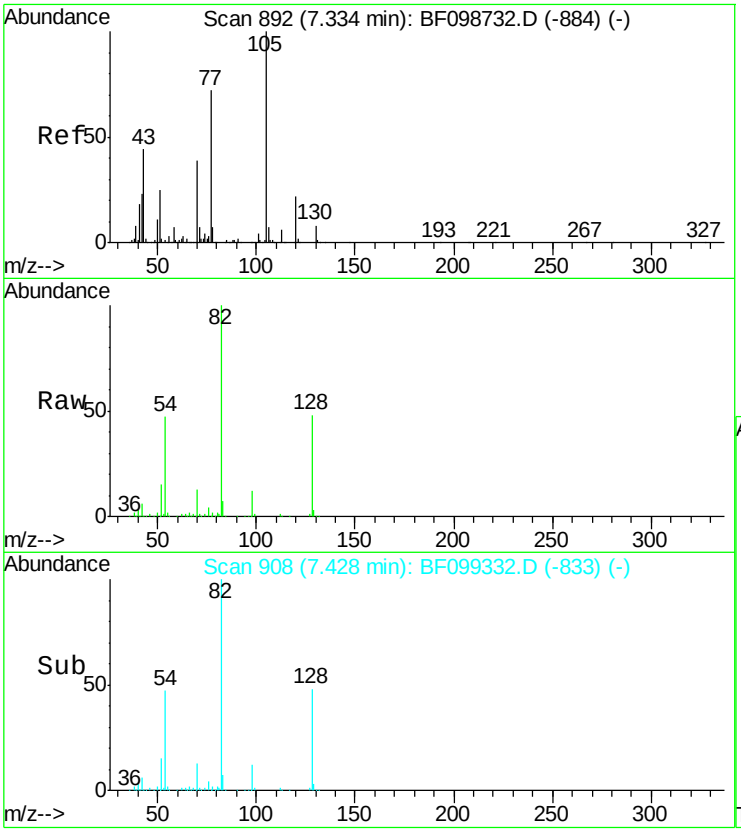


#17
2-Methylphenol
Concen: 4.32 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.11 min
Lab File: BF099332.D
Acq: 11 Oct 2017 7:34

Tgt Ion:107 Resp: 21685

Ion	Ratio	Lower	Upper
107	100		
108	158.1	91.7	137.5#
77	113.3	33.8	50.8#
79	184.3	33.8	50.8#



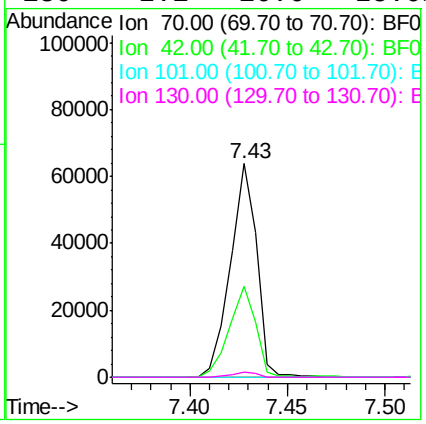


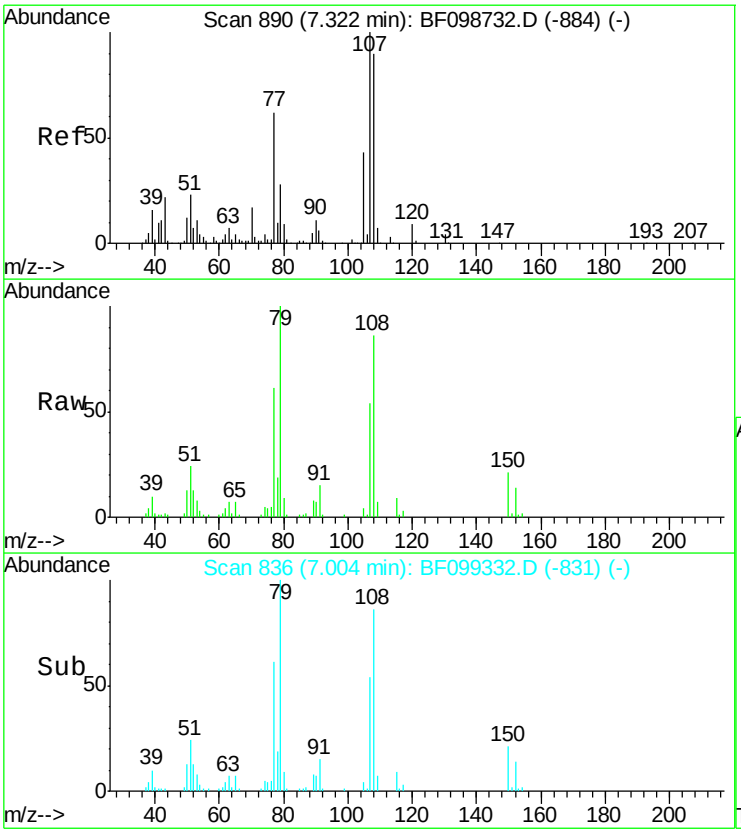
#19
n-Nitroso-di-n-propylamine
Concen: 13.97 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099332.D
Acq: 11 Oct 2017 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 59637

Ion	Ratio	Lower	Upper
70	100		
42	42.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

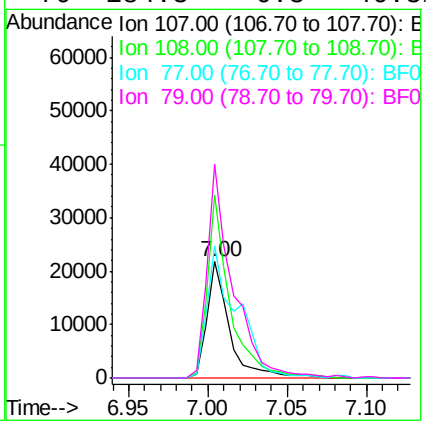


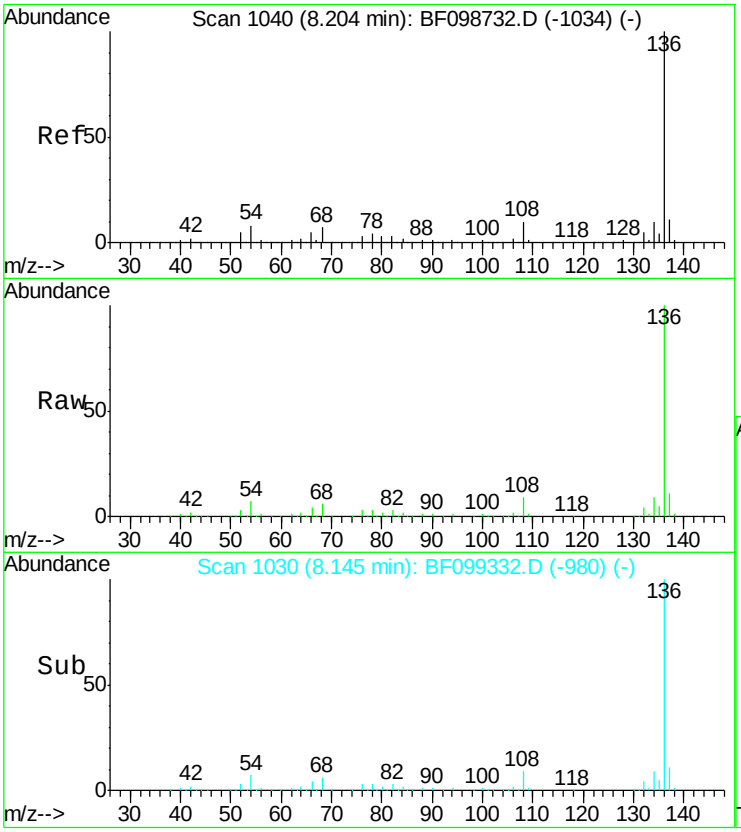


#20
3+4-Methylphenols
Concen: 3.41 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.27 min
Lab File: BF099332.D
Acq: 11 Oct 2017 7:34

Tgt Ion:107 Resp: 21685

Ion	Ratio	Lower	Upper
107	100		
108	158.1	68.2	108.2#
77	113.3	26.7	66.7#
79	184.3	6.3	46.3#



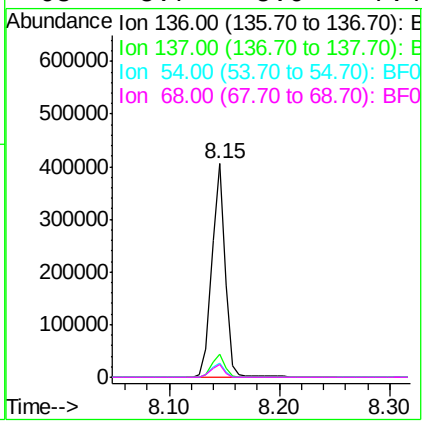


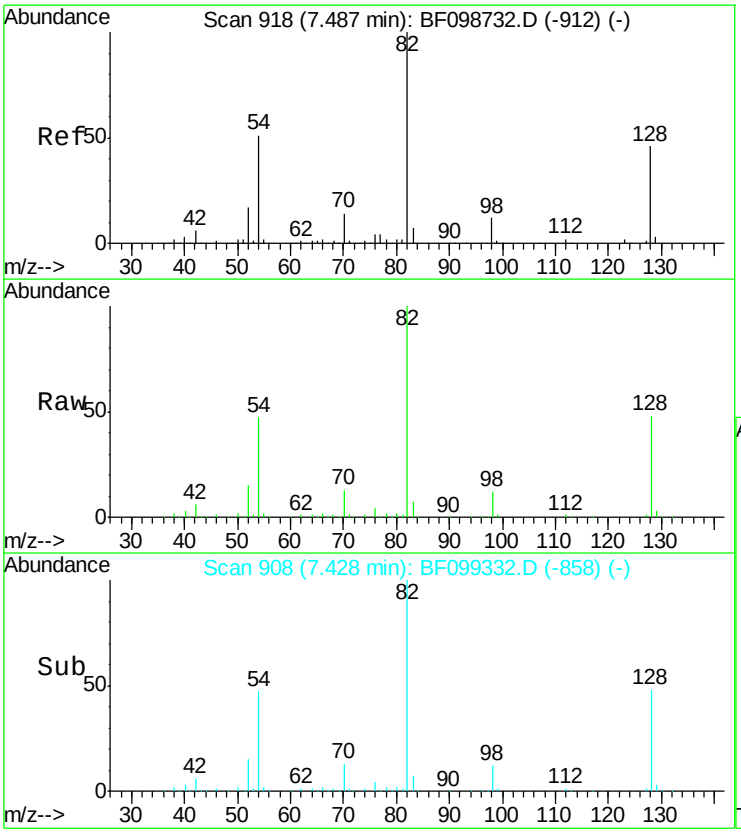
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099332.D
Acq: 11 Oct 2017 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 333487

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.8	6.6	9.8
68	5.7	5.0	7.4

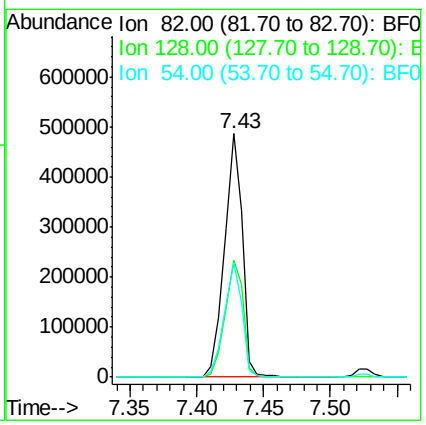


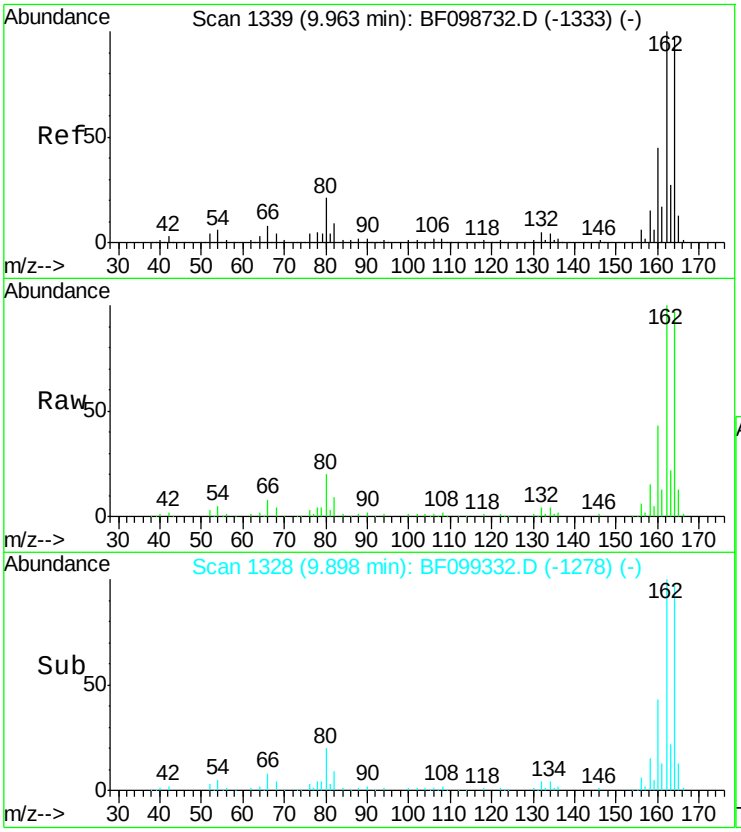


#23
Nitrobenzene-d5
Concen: 88.65 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099332.D
Acq: 11 Oct 2017 7:34

Tgt Ion: 82 Resp: 460990

Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.1	54.1
54	47.2	41.4	62.2



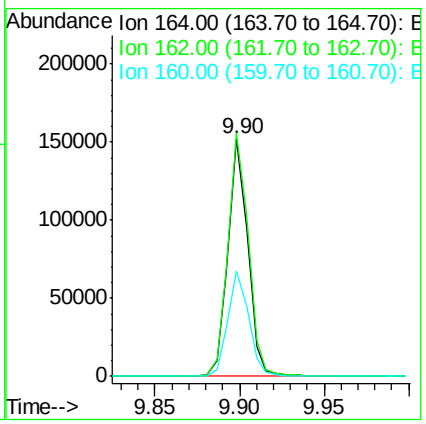


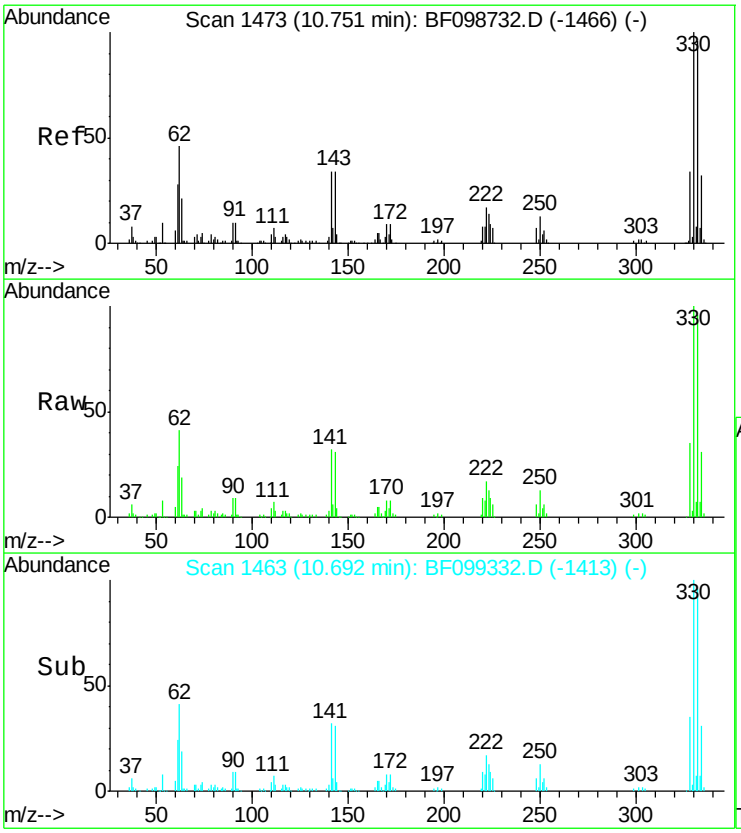
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099332.D
Acq: 11 Oct 2017 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 124278

Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	44.2	38.3	57.5

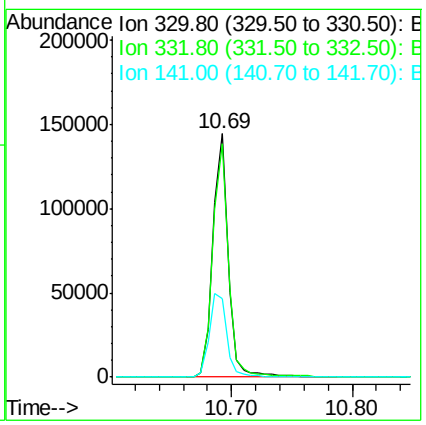


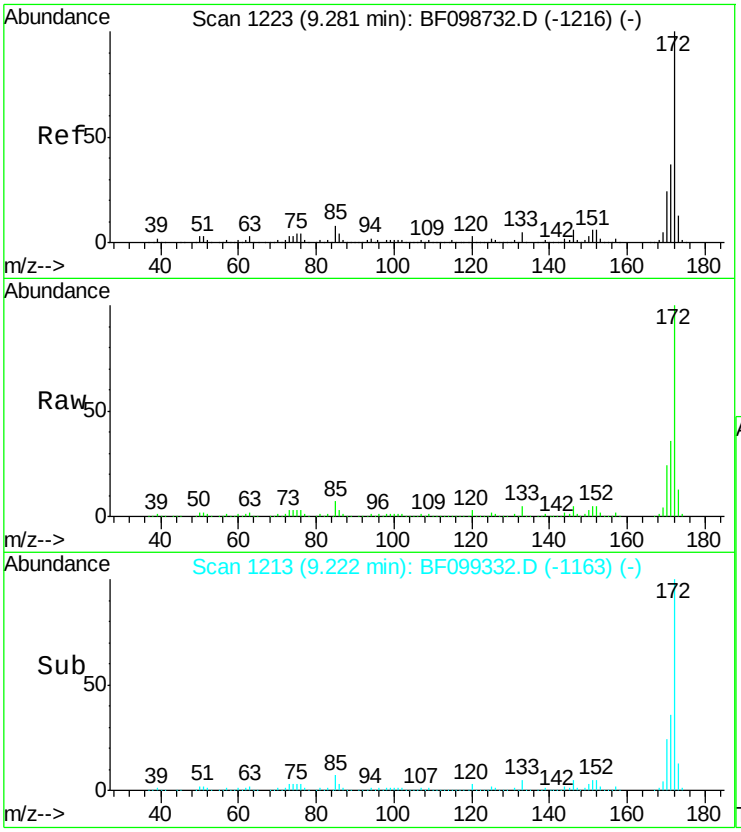


#41
2,4,6-Tribromophenol
Concen: 124.33 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099332.D
Acq: 11 Oct 2017 7:34

Tgt Ion:330 Resp: 126436

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	39.0	29.9	44.9



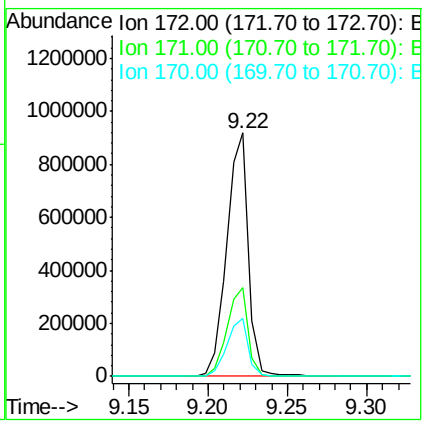


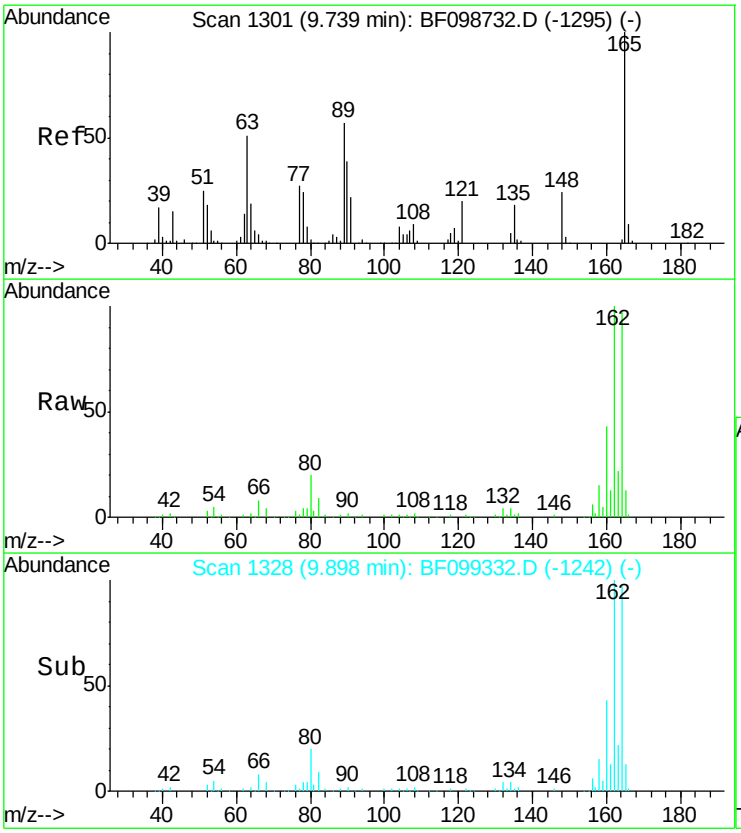
#44
2-Fluorobiphenyl
Concen: 116.30 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF099332.D
Acq: 11 Oct 2017 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 865789

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.8	19.6	29.4

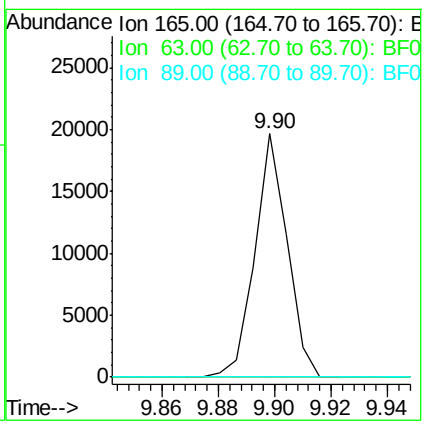


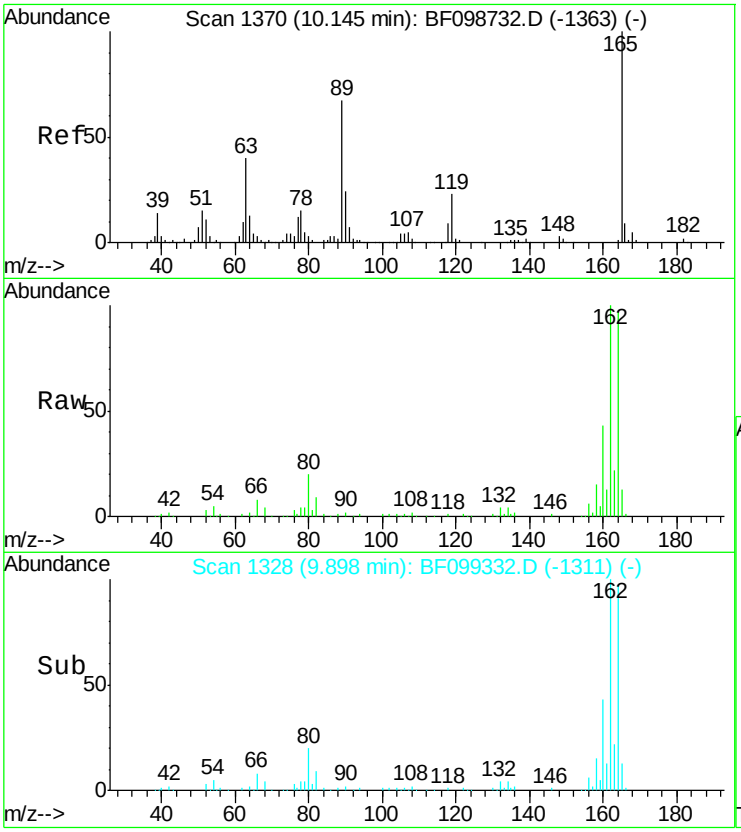


#50
2,6-Dinitrotoluene
Concen: 7.61 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF099332.D
Acq: 11 Oct 2017 7:34

Tgt Ion:165 Resp: 15534

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



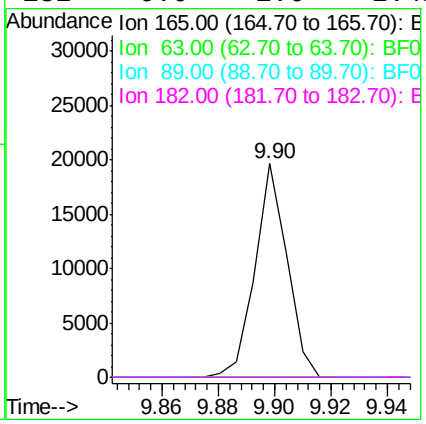


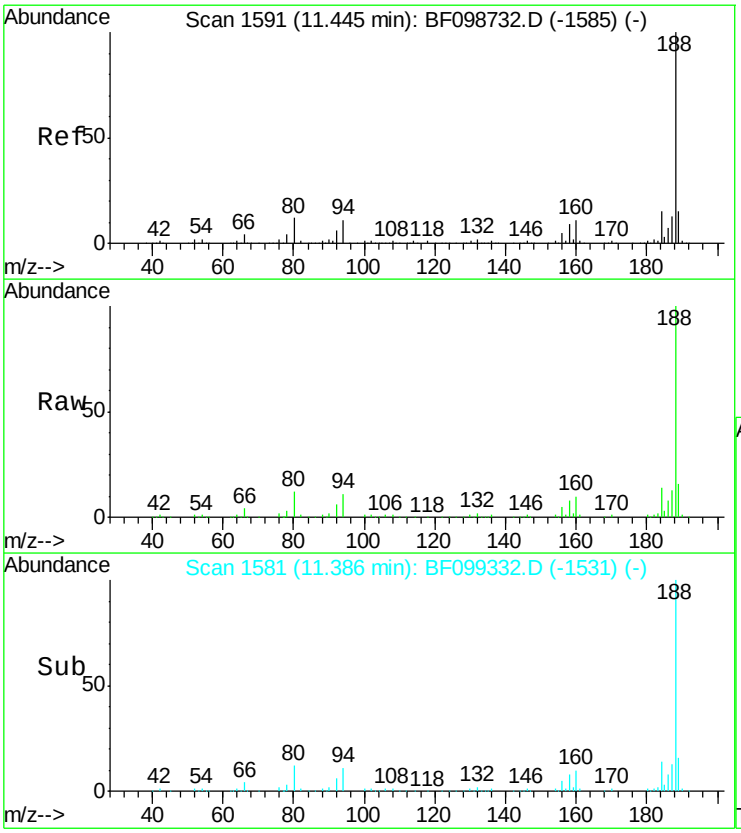
#56
2,4-Dinitrotoluene
Concen: 5.86 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF099332.D
Acq: 11 Oct 2017 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15534

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

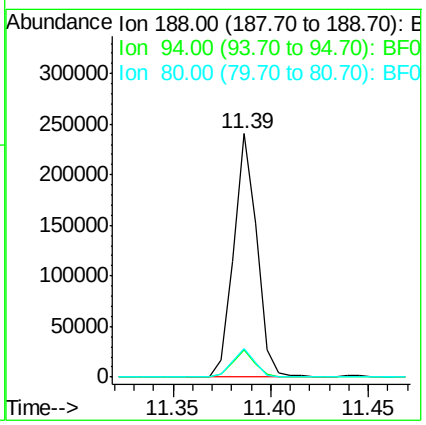


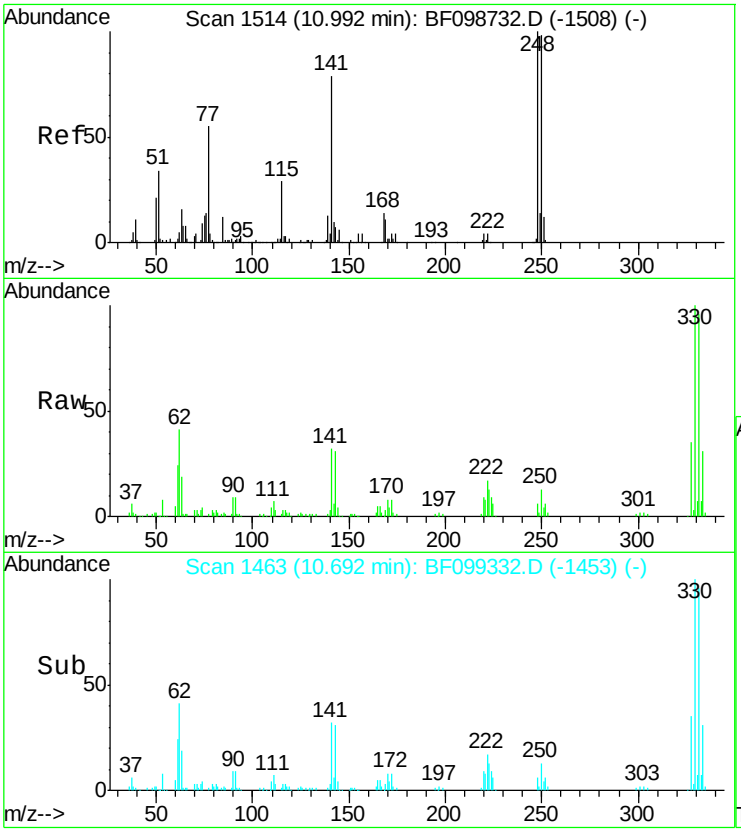


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099332.D
Acq: 11 Oct 2017 7:34

Tgt Ion:188 Resp: 198871

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.6	9.2	13.8



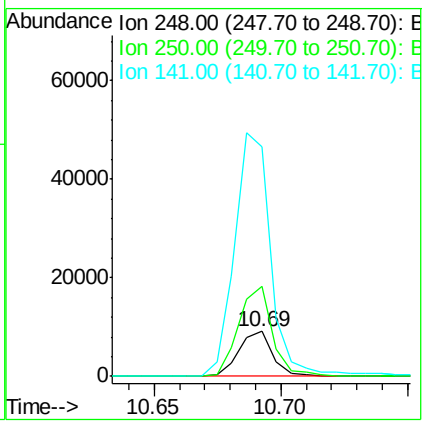


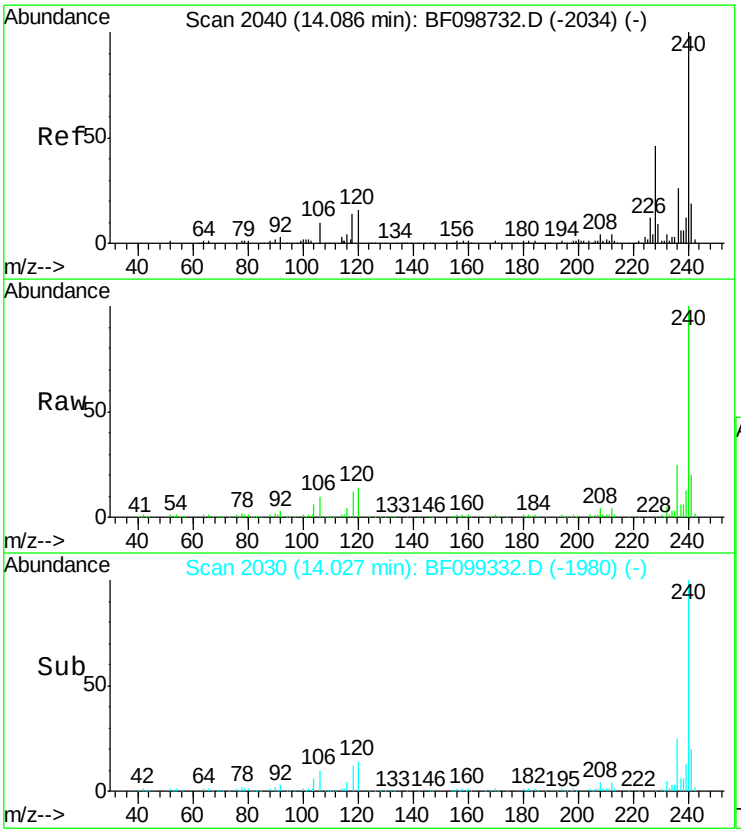
#66
4-Bromophenyl-phenylether
Concen: 4.35 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF099332.D
Acq: 11 Oct 2017 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8465

Ion	Ratio	Lower	Upper
248	100		
250	198.0	76.9	115.3#
141	509.2	74.4	111.6#

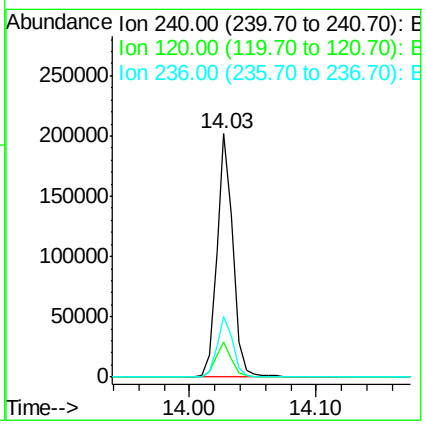


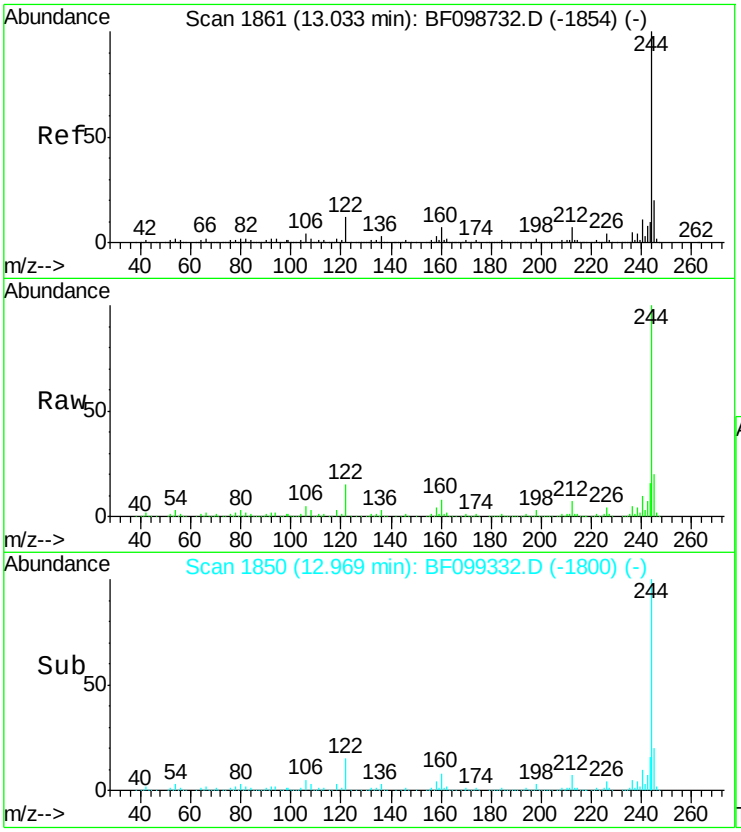


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099332.D
Acq: 11 Oct 2017 7:34

Tgt Ion:240 Resp: 178650

Ion	Ratio	Lower	Upper
240	100		
120	14.3	9.5	14.3
236	25.0	20.7	31.1



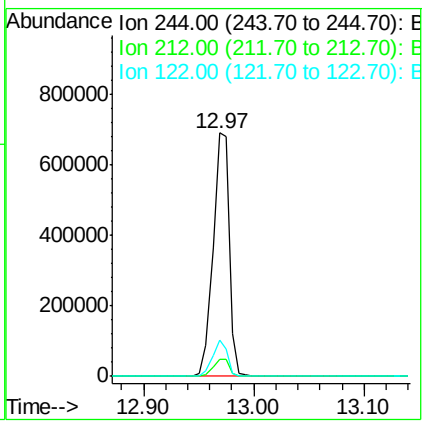


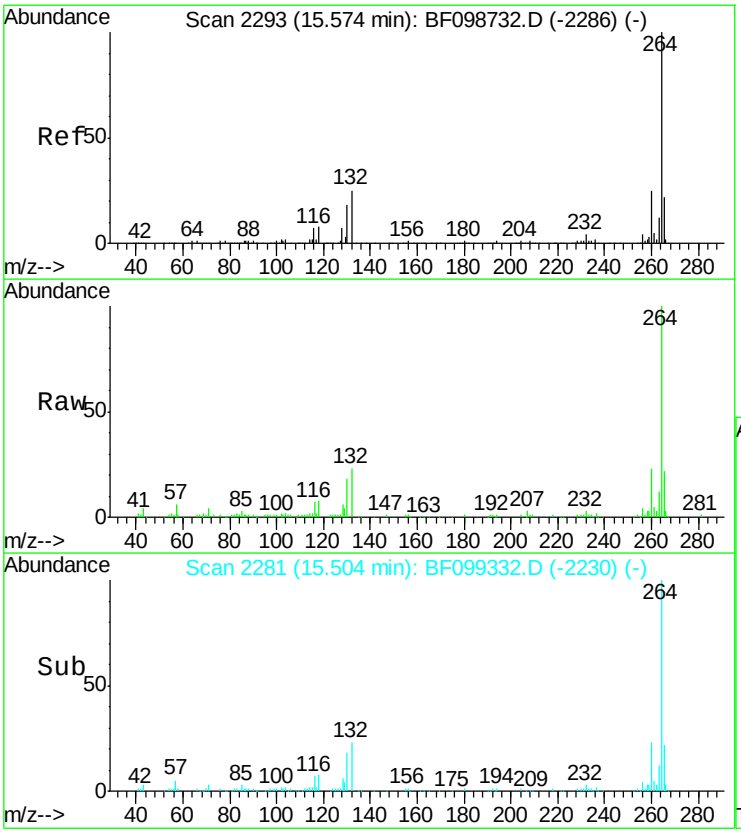
#78
Terphenyl-d14
Concen: 88.60 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF099332.D
Acq: 11 Oct 2017 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 696007

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	14.7	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF099332.D
Acq: 11 Oct 2017 7:34

Tgt Ion:264 Resp: 122168

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.1	17.5	26.3