Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
Data File : BF099221.D
Acq On : 8 Oct 2017 5:15
Operator : SJ/JU
Sample : I5715-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-100517-A

Quant Time: Oct 08 06:07:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Oct 08 03:54:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	126273	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	478534	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	182254	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	277314	20.00	ng		0.00
75) Chrysene-d12	14.03	240	230800	20.00	ng		0.00
86) Perylene-d12	15.50	264	172690	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	955056	120.40	ng		0.02
7) Phenol-d6	6.50	99	989660	101.14	ng		0.00
23) Nitrobenzene-d5	7.43	82	692988	92.87	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	186850	125.29	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1190279	109.03	ng		0.00
78) Terphenyl-d14	12.97	244	897335	88.42	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.64	77	19367	3.412	ng		87
19) n-Nitroso-di-n-propylamine	7.43	70	87504	14.006	ng	#	74
25) Isophorone	7.43	82	692982	44.918	ng	#	64
50) 2,6-Dinitrotoluene	9.90	165	22869	7.637	ng	#	24
56) 2,4-Dinitrotoluene	9.90	165	22869	5.884	ng	#	21
66) 4-Bromophenyl-phenylether	10.69	248	12290	4.528	ng	#	1

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

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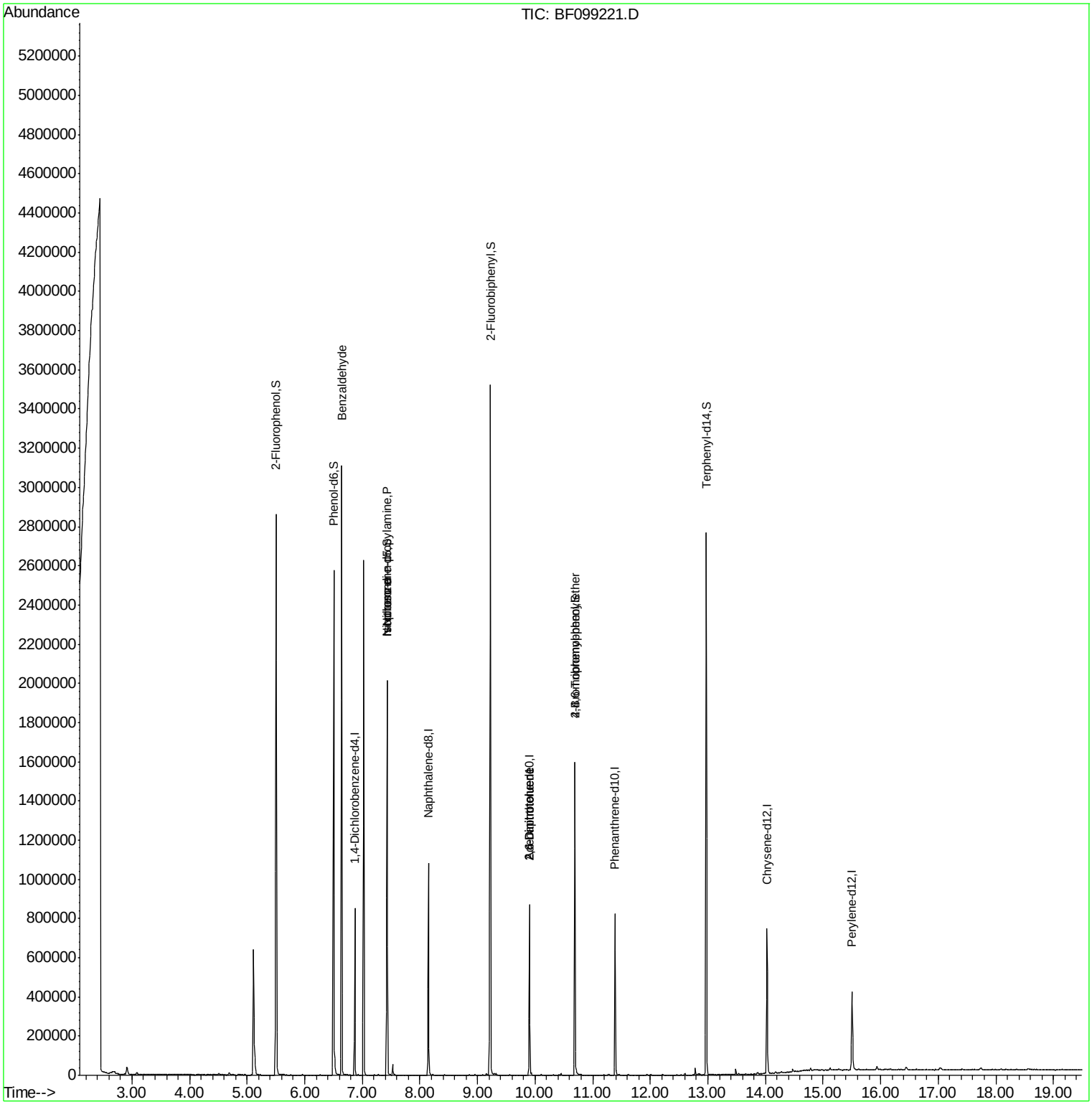
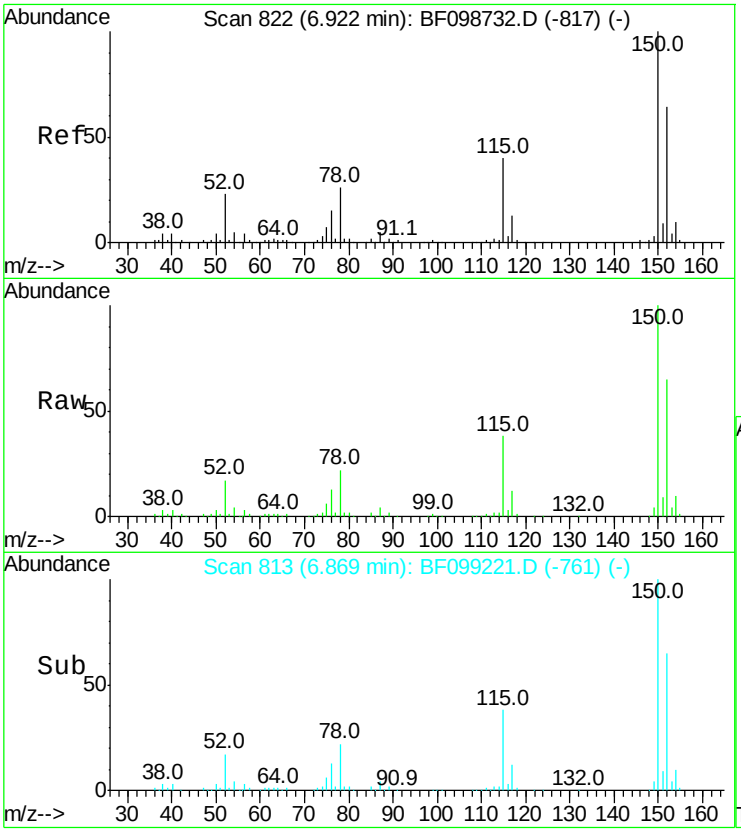


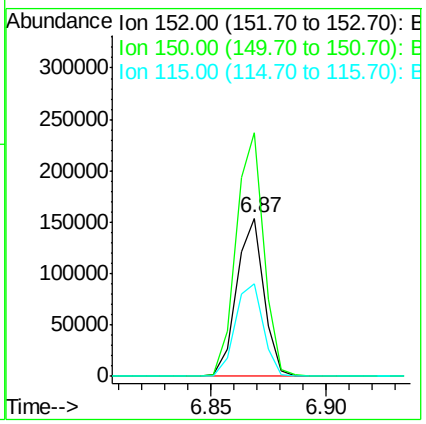


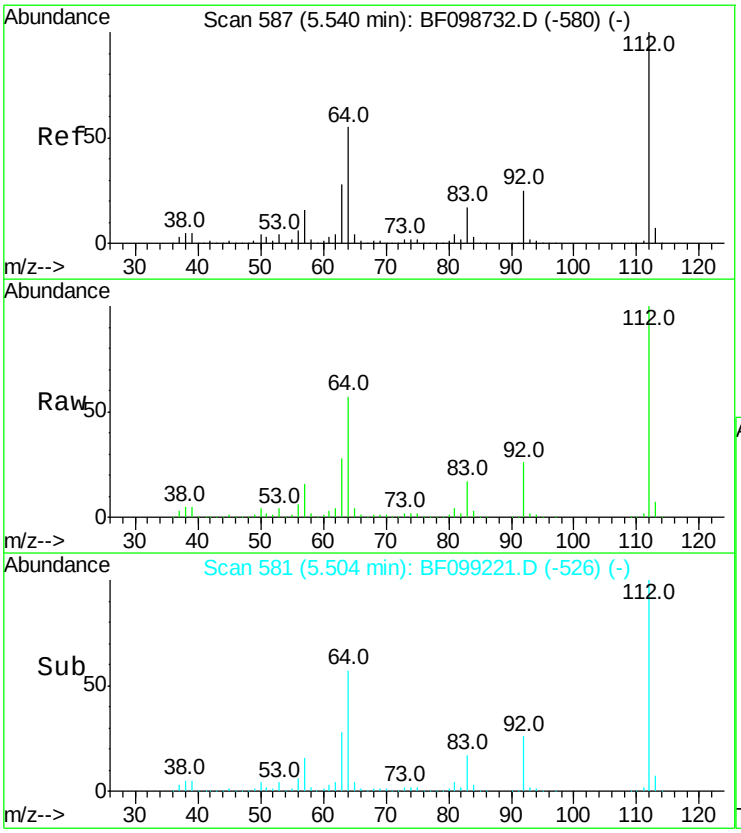
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.01 min
Lab File: BF099221.D
Acq: 8 Oct 2017 5:15

Instrument :
BNA_F
ClientSampleId :
PL-02-100517-A

Tgt Ion:152 Resp: 126273

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	58.4	50.1	75.1

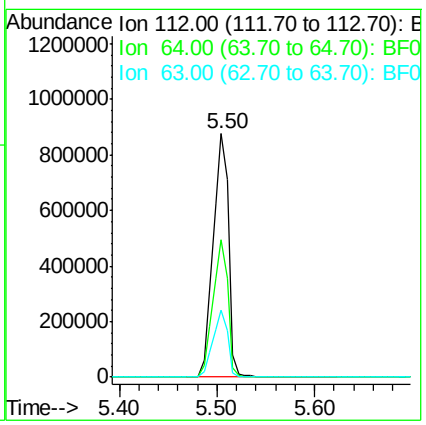


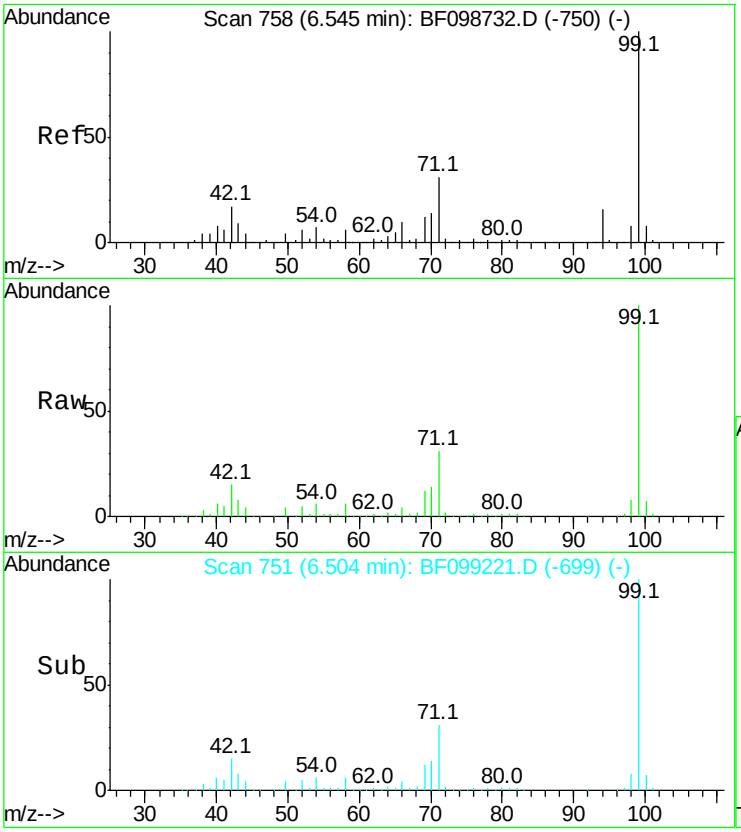


#5
2-Fluorophenol
Concen: 120.402 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF099221.D
Acq: 8 Oct 2017 5:15

Tgt Ion:112 Resp: 955056

Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.9	71.9
63	27.7	23.7	35.5



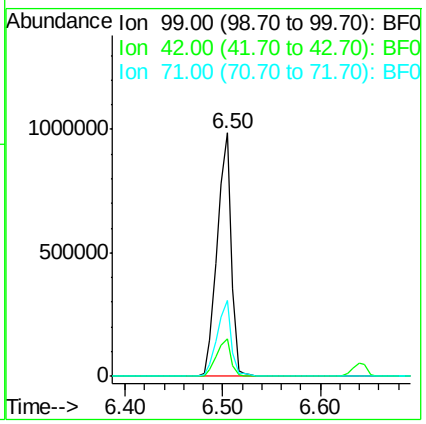


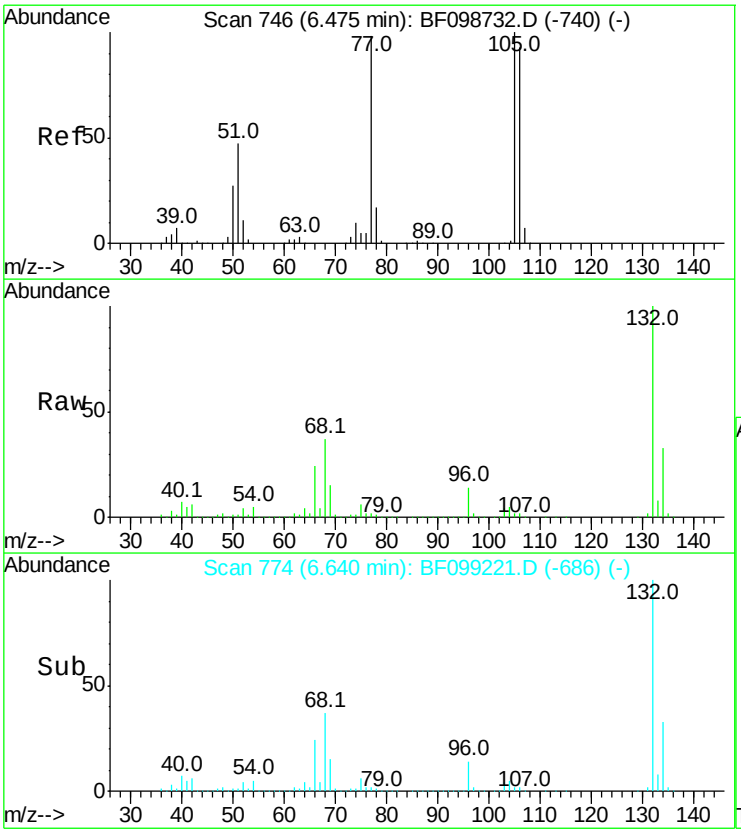
#7
Phenol-d6
Concen: 101.138 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF099221.D
Acq: 8 Oct 2017 5:15

Instrument :
BNA_F
ClientSampleId :
PL-02-100517-A

Tgt Ion: 99 Resp: 989660

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.5	21.7
71	31.3	25.4	38.0

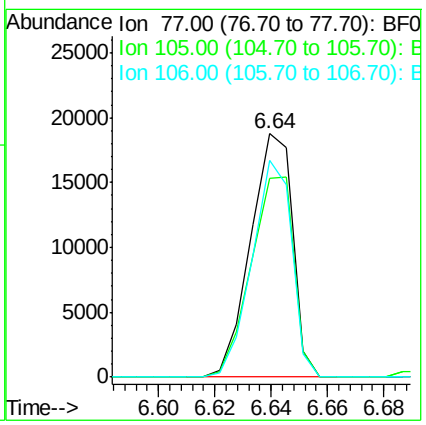


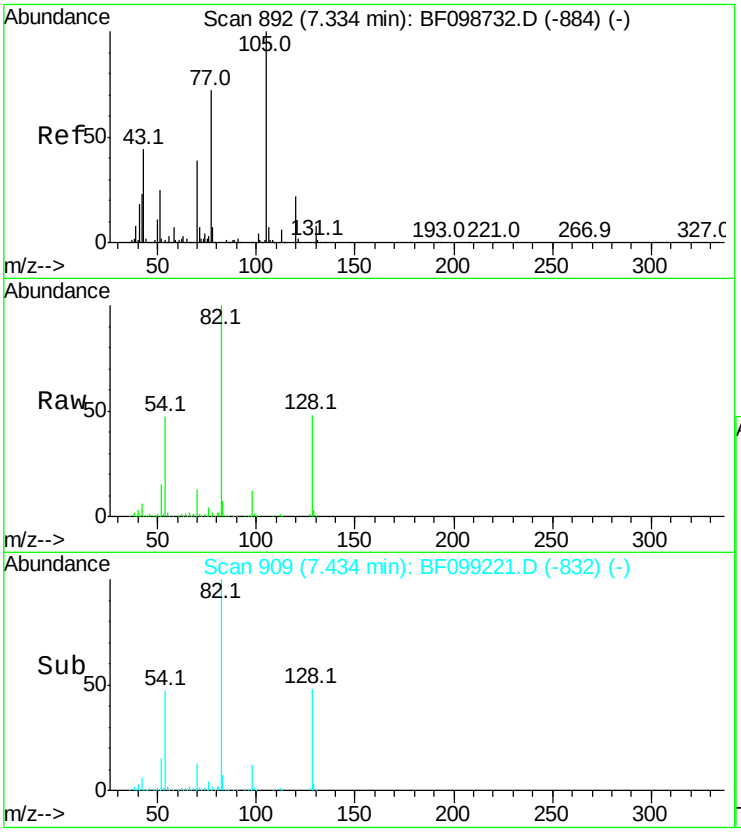


#9
Benzaldehyde
Concen: 3.412 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.22 min
Lab File: BF099221.D
Acq: 8 Oct 2017 5:15

Tgt Ion: 77 Resp: 19367

Ion	Ratio	Lower	Upper
77	100		
105	81.9	81.1	121.1
106	88.9	74.5	114.5



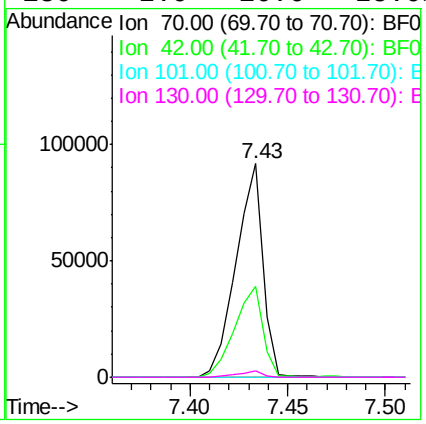


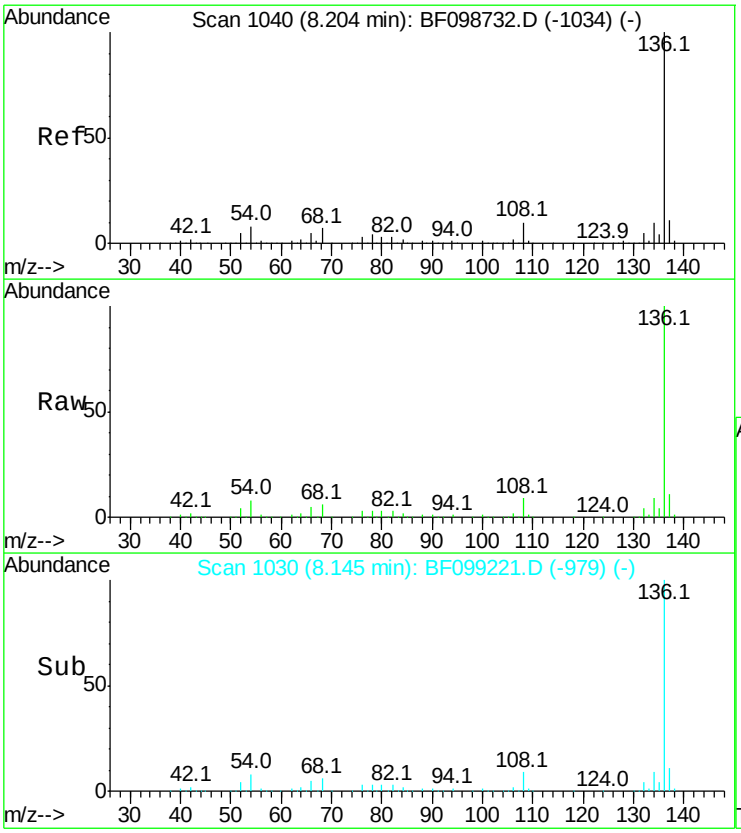
#19
n-Nitroso-di-n-propylamine
Concen: 14.006 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.15 min
Lab File: BF099221.D
Acq: 8 Oct 2017 5:15

Instrument :
BNA_F
ClientSampleId :
PL-02-100517-A

Tgt Ion: 70 Resp: 87504

Ion	Ratio	Lower	Upper
70	100		
42	42.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.9	16.6	25.0#

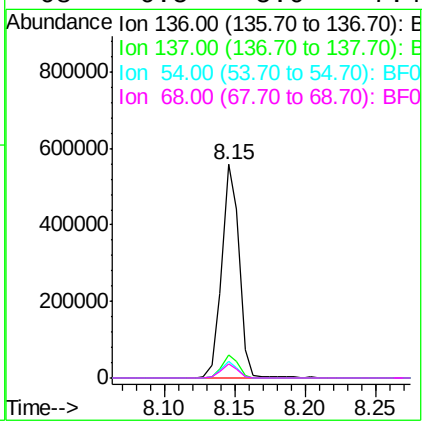


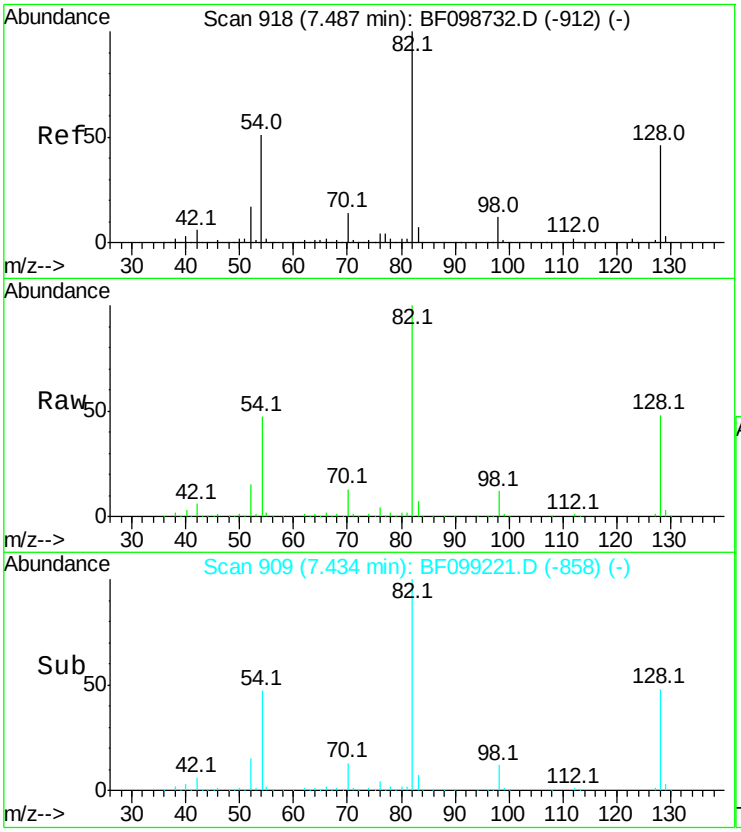


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF099221.D
Acq: 8 Oct 2017 5:15

Tgt Ion:136 Resp: 478534

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.8	6.6	9.8
68	6.5	5.0	7.4



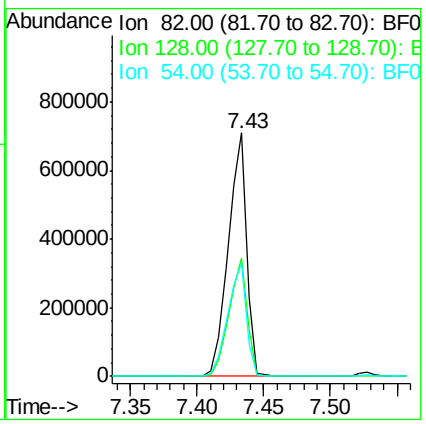


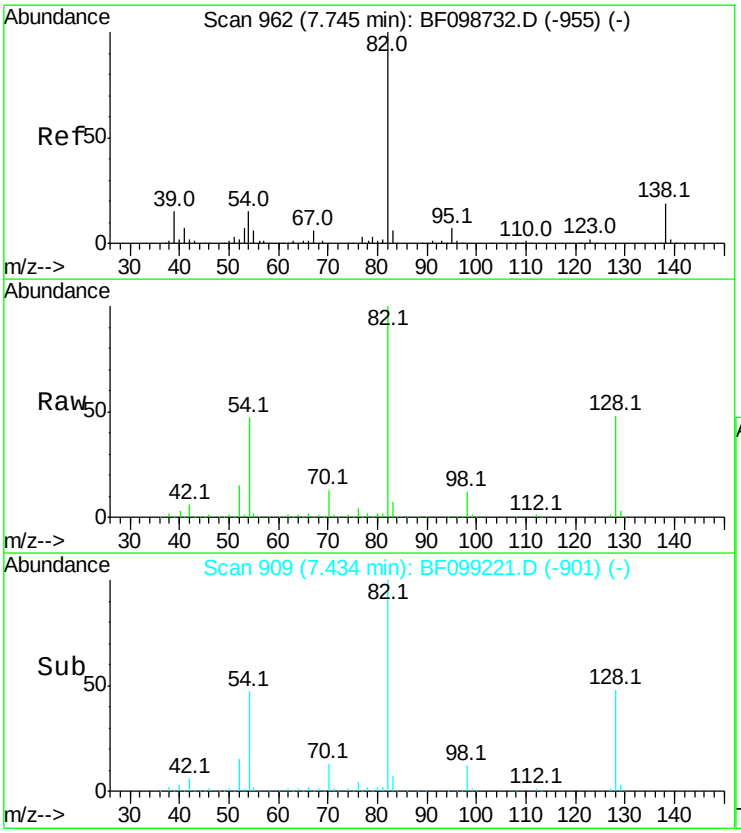
#23
Nitrobenzene-d5
Concen: 92.870 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF099221.D
Acq: 8 Oct 2017 5:15

Instrument :
BNA_F
ClientSampleId :
PL-02-100517-A

Tgt Ion: 82 Resp: 692988

Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	46.7	41.4	62.2

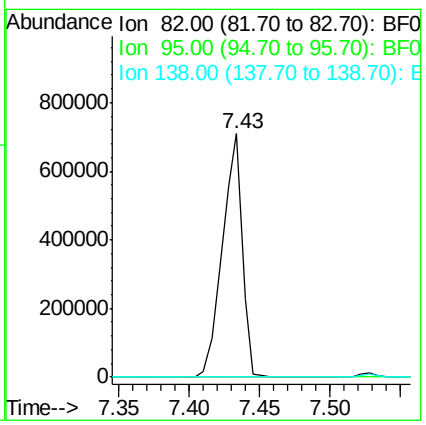


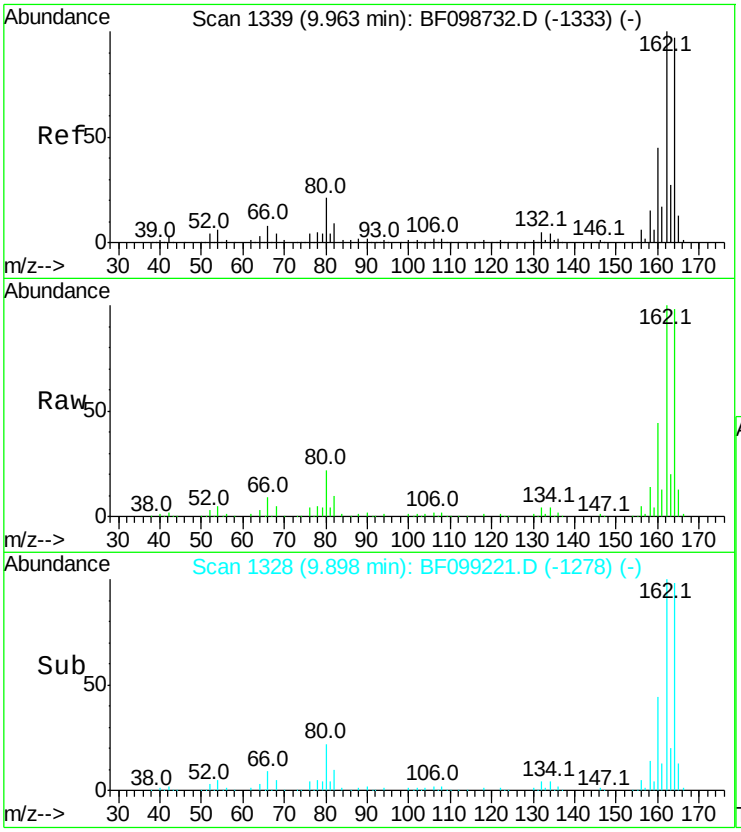


#25
Isophorone
Concen: 44.918 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.25 min
Lab File: BF099221.D
Acq: 8 Oct 2017 5:15

Tgt Ion: 82 Resp: 692982

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



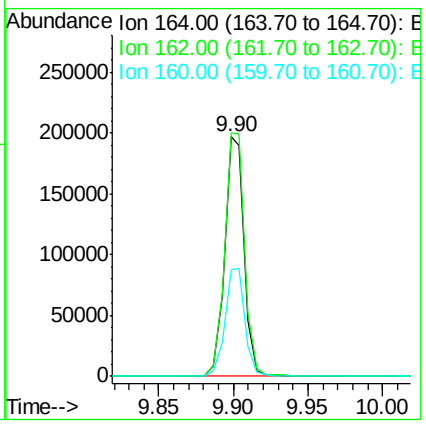


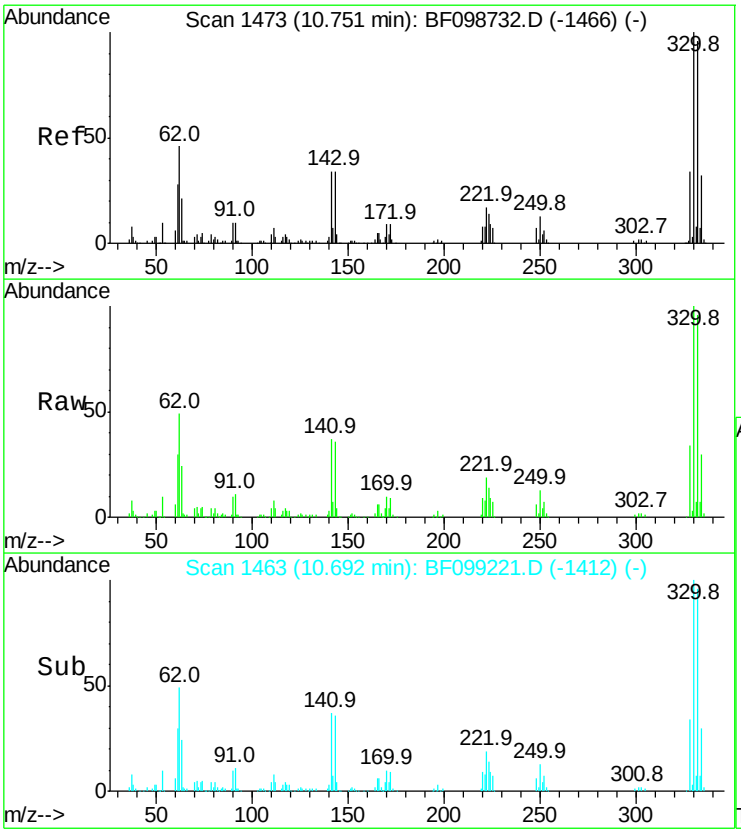
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099221.D
Acq: 8 Oct 2017 5:15

Instrument :
BNA_F
ClientSampleId :
PL-02-100517-A

Tgt Ion:164 Resp: 182254

Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	44.3	38.3	57.5

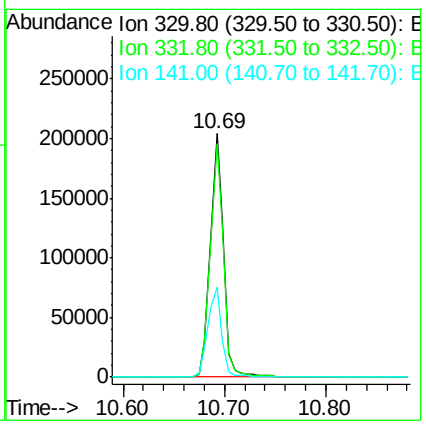


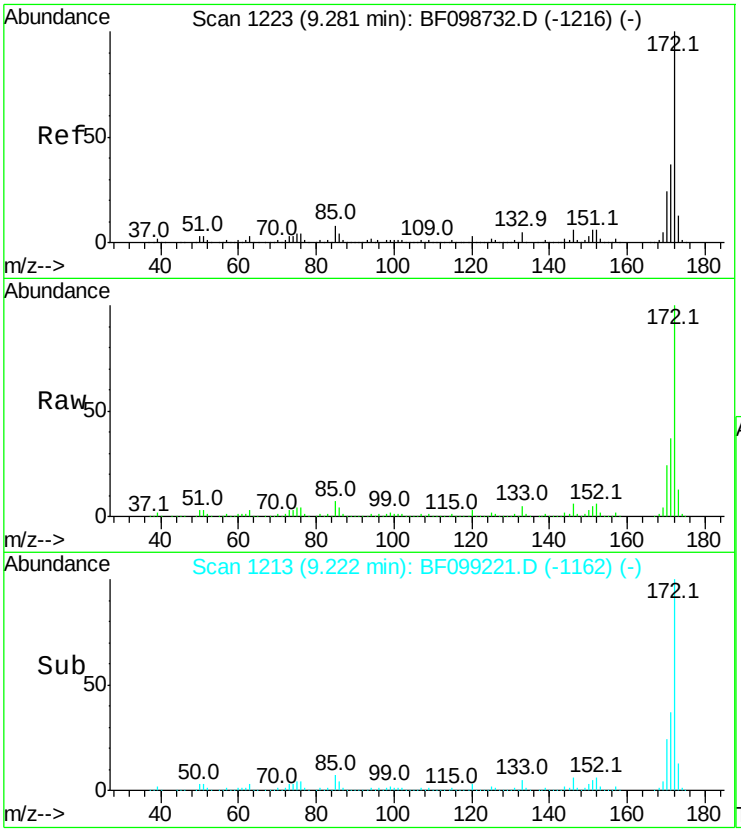


#41
2,4,6-Tribromophenol
Concen: 125.291 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF099221.D
Acq: 8 Oct 2017 5:15

Tgt Ion:330 Resp: 186850

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	38.7	29.9	44.9



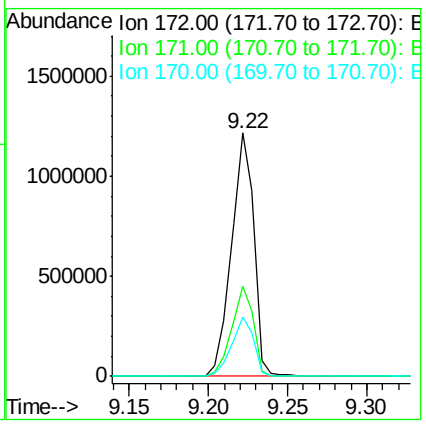


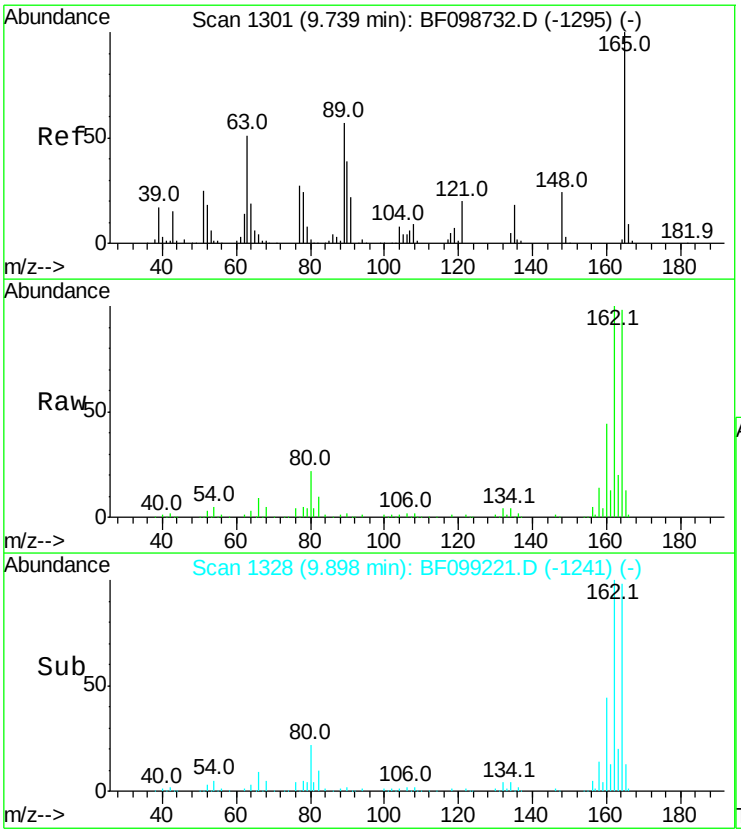
#44
2-Fluorobiphenyl
Concen: 109.028 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF099221.D
Acq: 8 Oct 2017 5:15

Instrument :
BNA_F
ClientSampleId :
PL-02-100517-A

Tgt Ion:172 Resp: 1190279

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.2	19.6	29.4

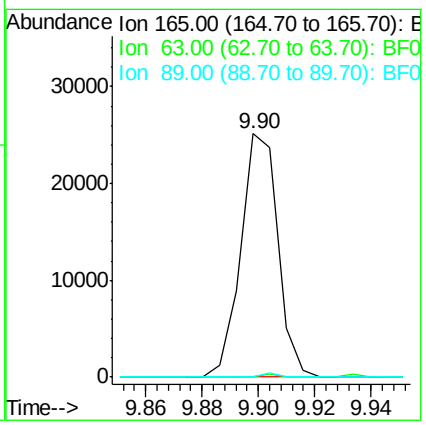


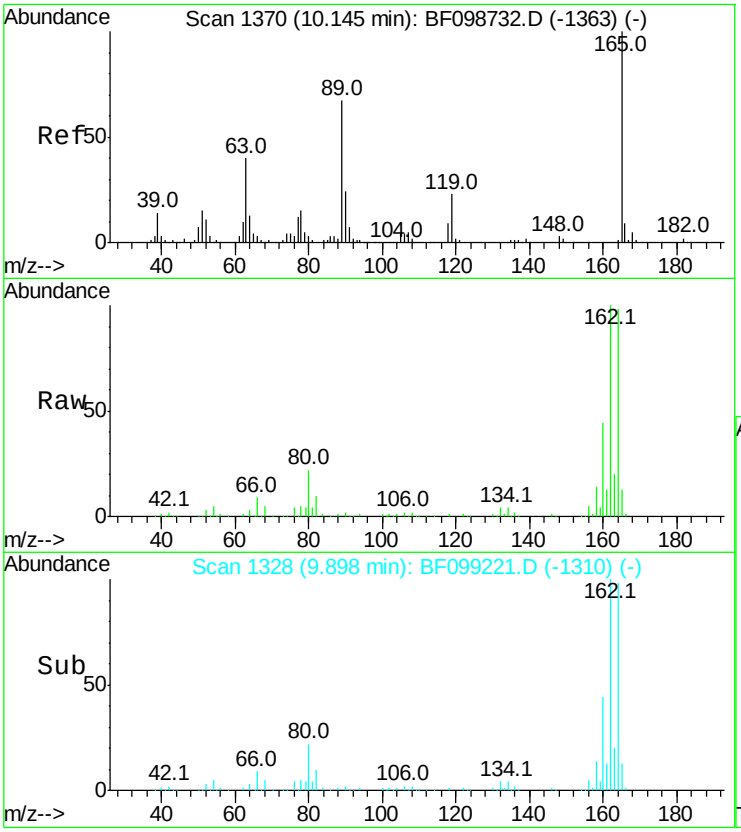


#50
2,6-Dinitrotoluene
Concen: 7.637 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF099221.D
Acq: 8 Oct 2017 5:15

Tgt Ion:165 Resp: 22869

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



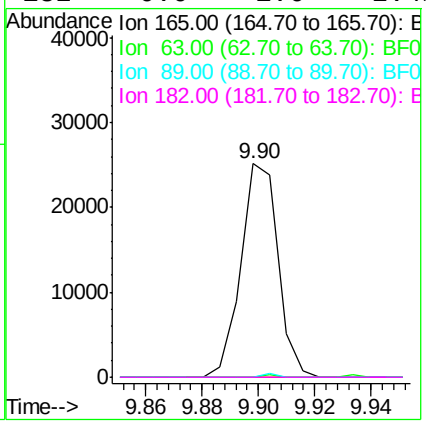


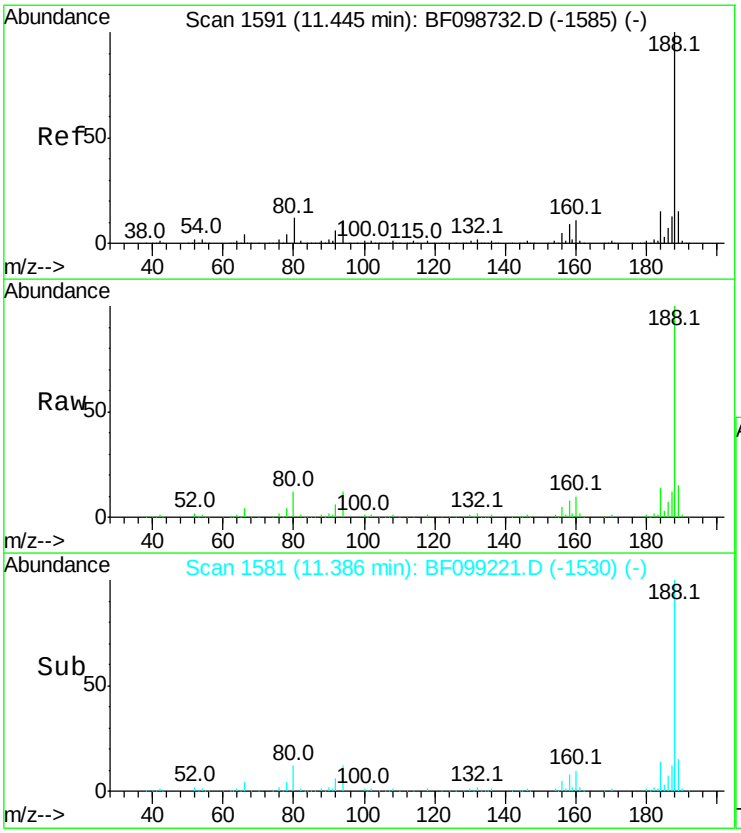
#56
2,4-Dinitrotoluene
Concen: 5.884 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.19 min
Lab File: BF099221.D
Acq: 8 Oct 2017 5:15

Instrument :
BNA_F
ClientSampleId :
PL-02-100517-A

Tgt Ion:165 Resp: 22869

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#

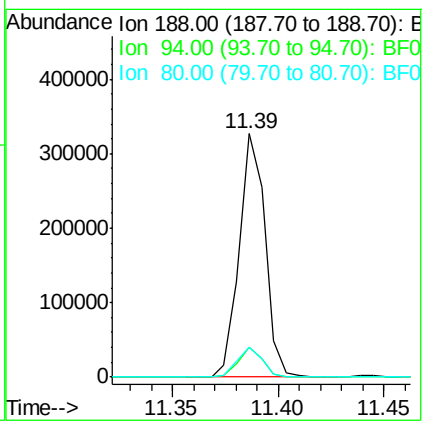


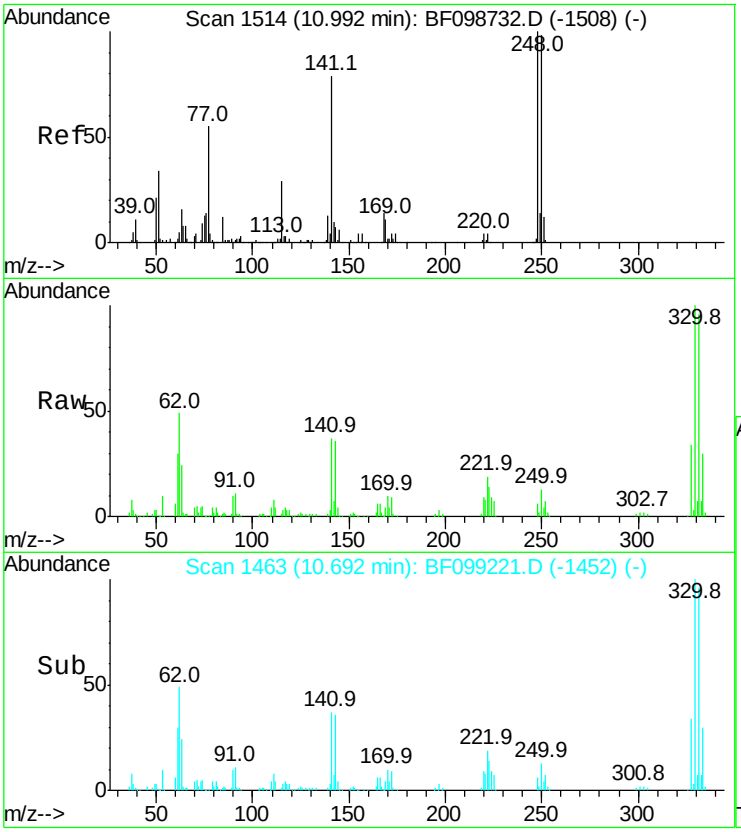


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF099221.D
Acq: 8 Oct 2017 5:15

Tgt Ion:188 Resp: 277314

Ion	Ratio	Lower	Upper
188	100		
94	12.1	8.5	12.7
80	12.1	9.2	13.8



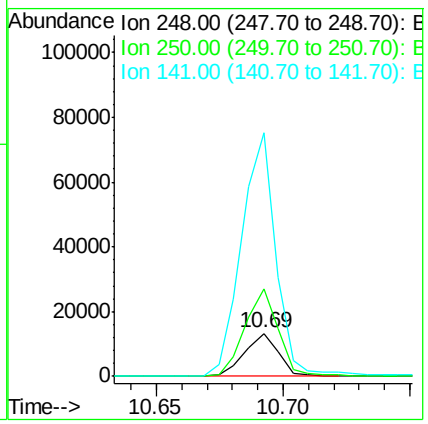


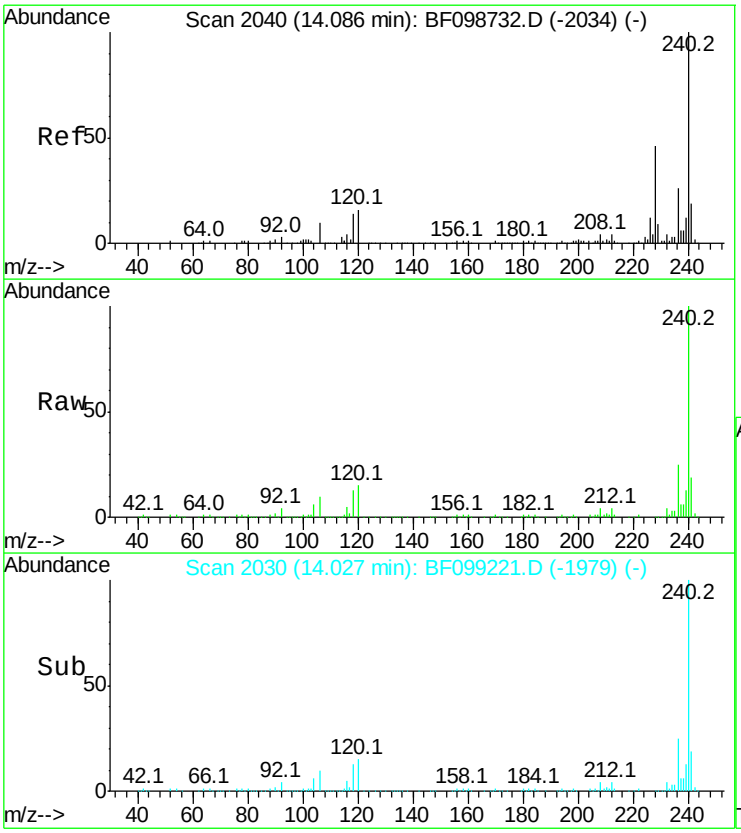
#66
4-Bromophenyl-phenylether
Concen: 4.528 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF099221.D
Acq: 8 Oct 2017 5:15

Instrument :
BNA_F
ClientSampleId :
PL-02-100517-A

Tgt Ion:248 Resp: 12290

Ion	Ratio	Lower	Upper
248	100		
250	204.5	76.9	115.3#
141	568.0	74.4	111.6#

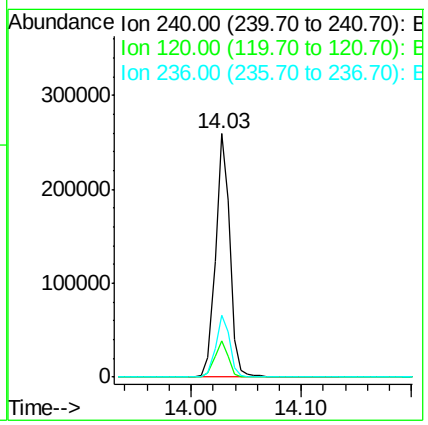


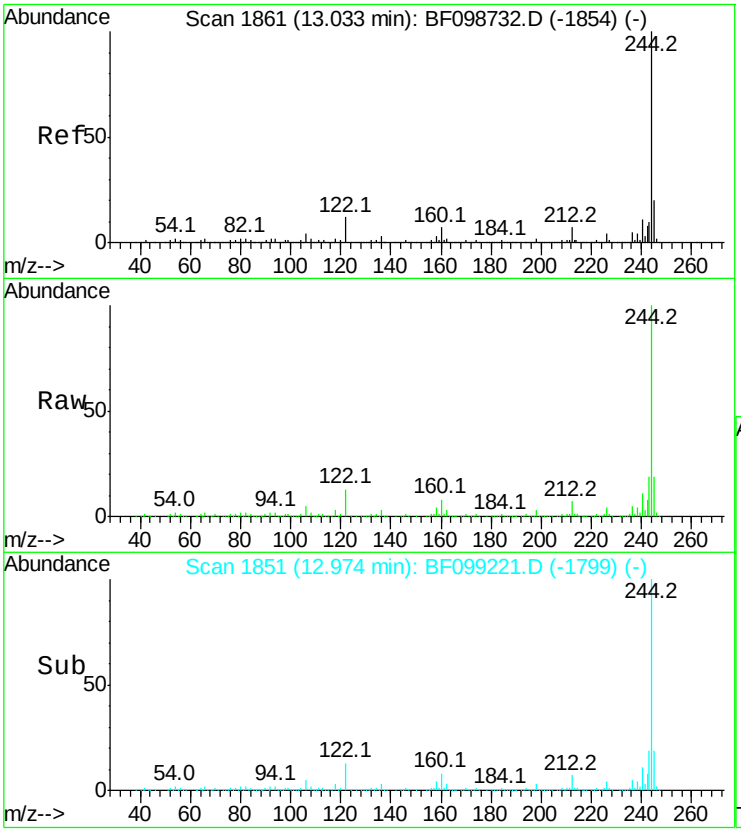


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BF099221.D
Acq: 8 Oct 2017 5:15

Tgt Ion:240 Resp: 230800

Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.5	14.3#
236	25.1	20.7	31.1



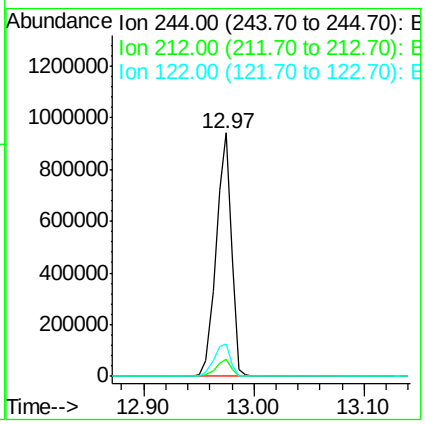


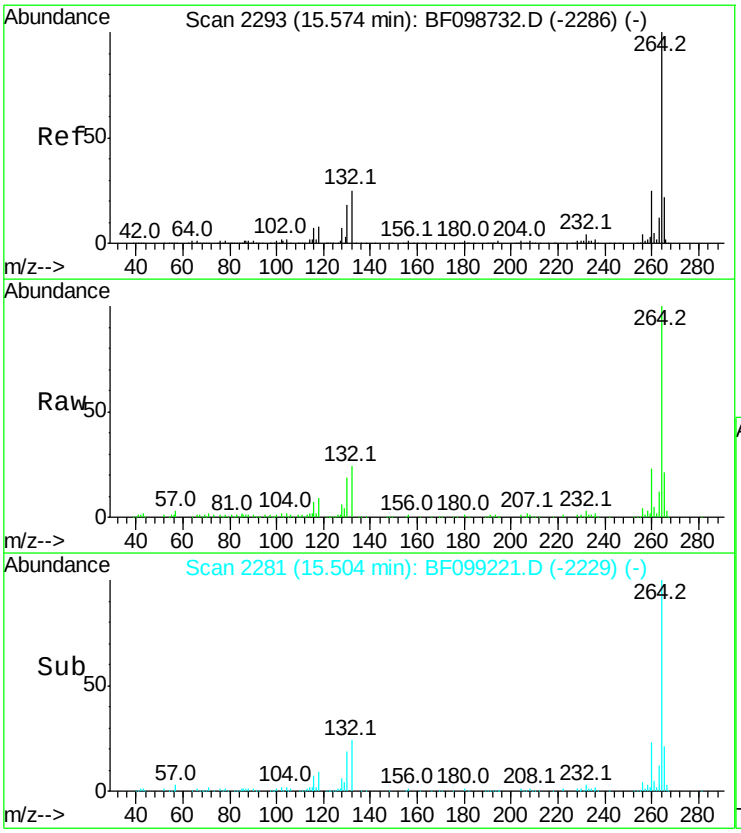
#78
Terphenyl-d14
Concen: 88.419 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.01 min
Lab File: BF099221.D
Acq: 8 Oct 2017 5:15

Instrument :
BNA_F
ClientSampleId :
PL-02-100517-A

Tgt Ion:244 Resp: 897335

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF099221.D
Acq: 8 Oct 2017 5:15

Tgt Ion:264 Resp: 172690

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.3	17.5	26.3