Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099578.D
Acq On : 17 Oct 2017 7:31
Operator : SJ/JU
Sample : I5905-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 17 11:17:44 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	100968	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	406092	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	171321	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	249854	20.00	ng		0.00
75) Chrysene-d12	14.01	240	183962	20.00	ng		0.00
86) Perylene-d12	15.49	264	190778	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	656711	103.54	ng		0.00
7) Phenol-d6	6.48	99	707902	90.47	ng		0.00
23) Nitrobenzene-d5	7.41	82	505820	79.88	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	151739	108.24	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	943422	91.93	ng		-0.01
78) Terphenyl-d14	12.95	244	626687	77.47	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	13514	2.978	ng		87
19) n-Nitroso-di-n-propylamine	7.41	70	64490	12.910	ng	#	73
25) Isophorone	7.41	82	505820	38.636	ng	#	64
31) Naphthalene	8.15	128	55472	2.908	ng		99
50) 2,6-Dinitrotoluene	9.88	165	21775	7.735	ng	#	26
56) 2,4-Dinitrotoluene	9.88	165	21775	5.960	ng	#	23
66) 4-Bromophenyl-phenylether	10.67	248	9933	4.061	ng	#	1

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

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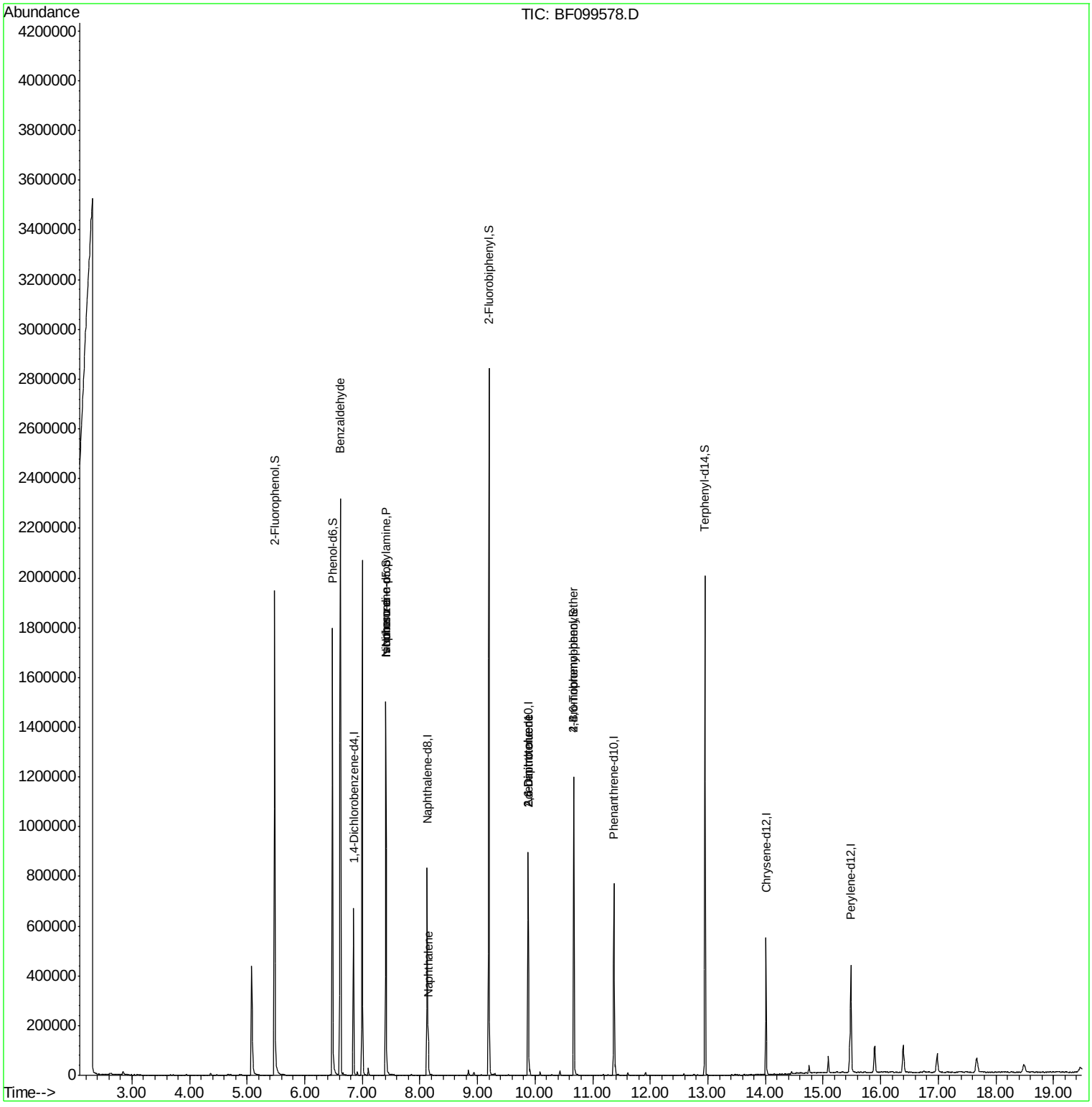
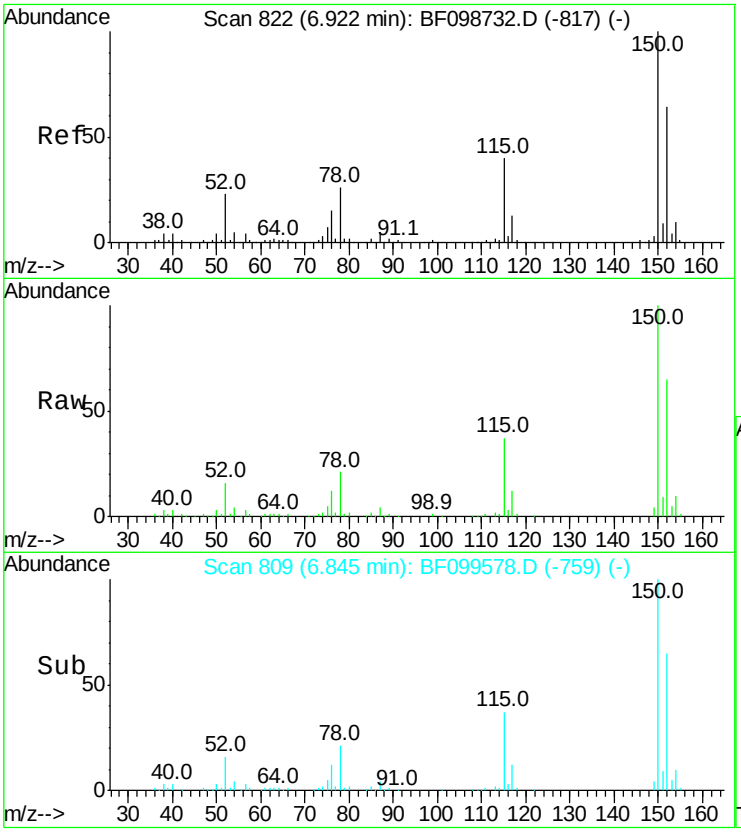


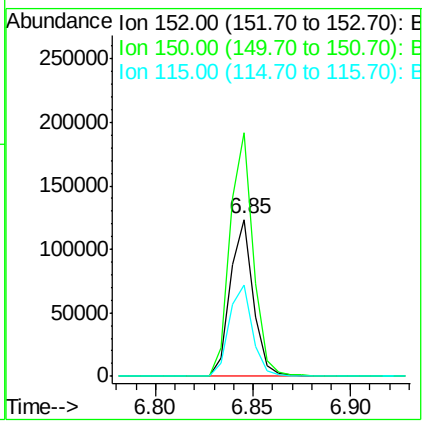


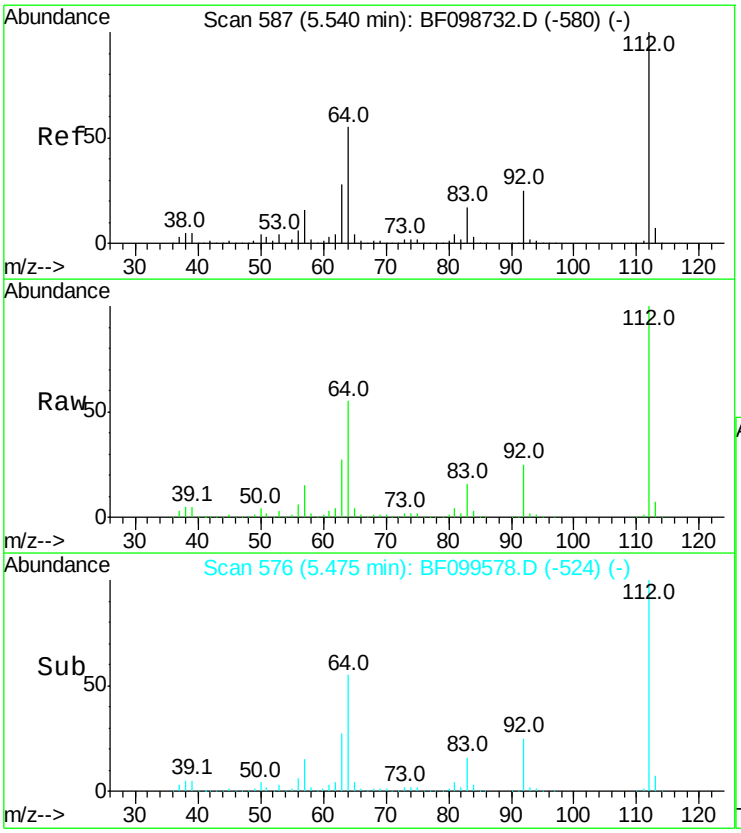
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 100968

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	58.0	50.1	75.1

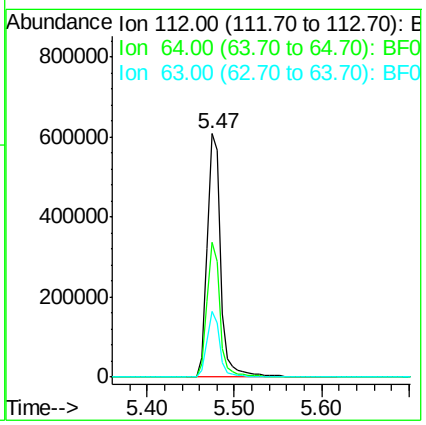


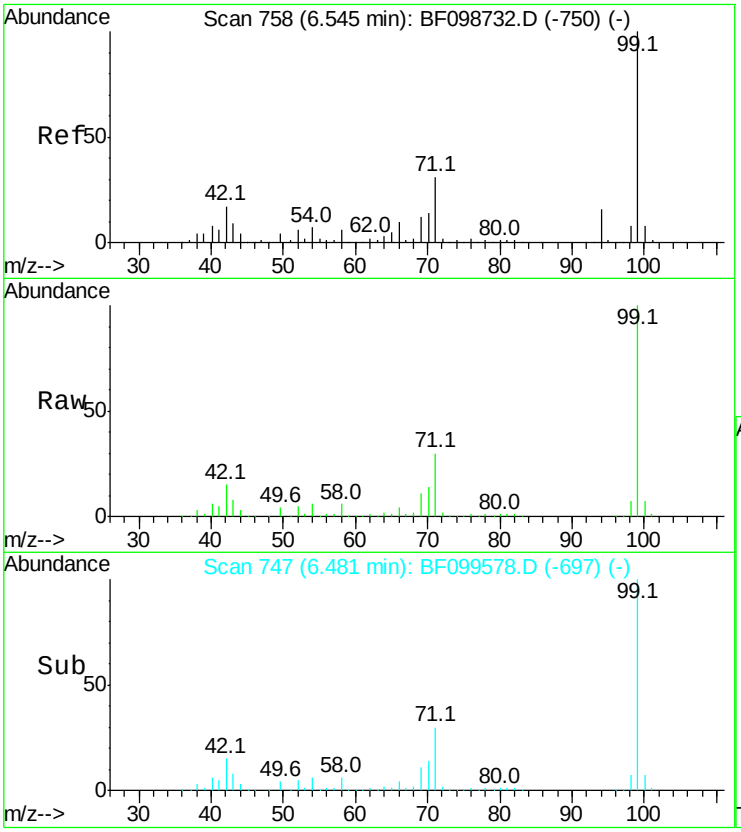


#5
2-Fluorophenol
Concen: 103.540 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Tgt Ion:112 Resp: 656711

Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.9	71.9
63	26.8	23.7	35.5



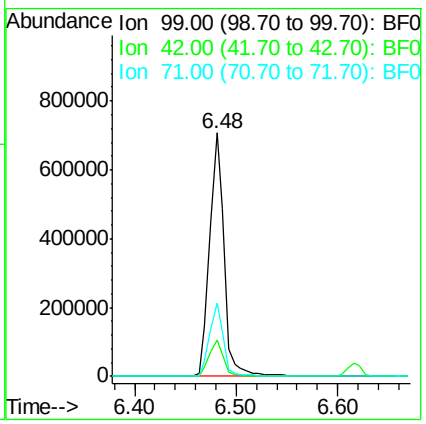


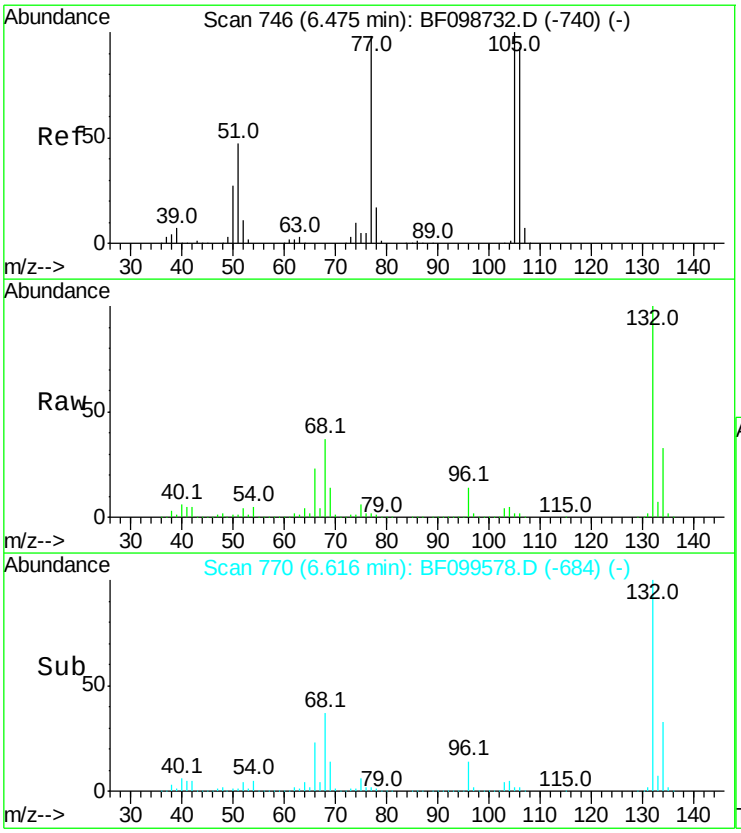
#7
Phenol-d6
Concen: 90.475 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 707902

Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.5	21.7
71	30.0	25.4	38.0

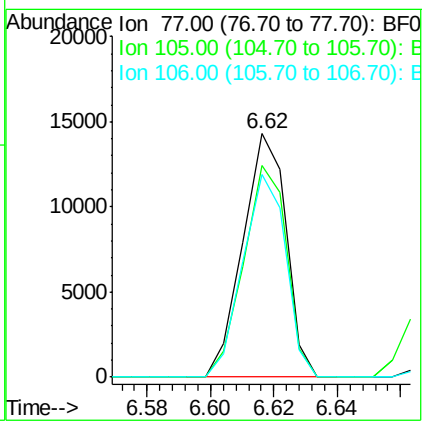


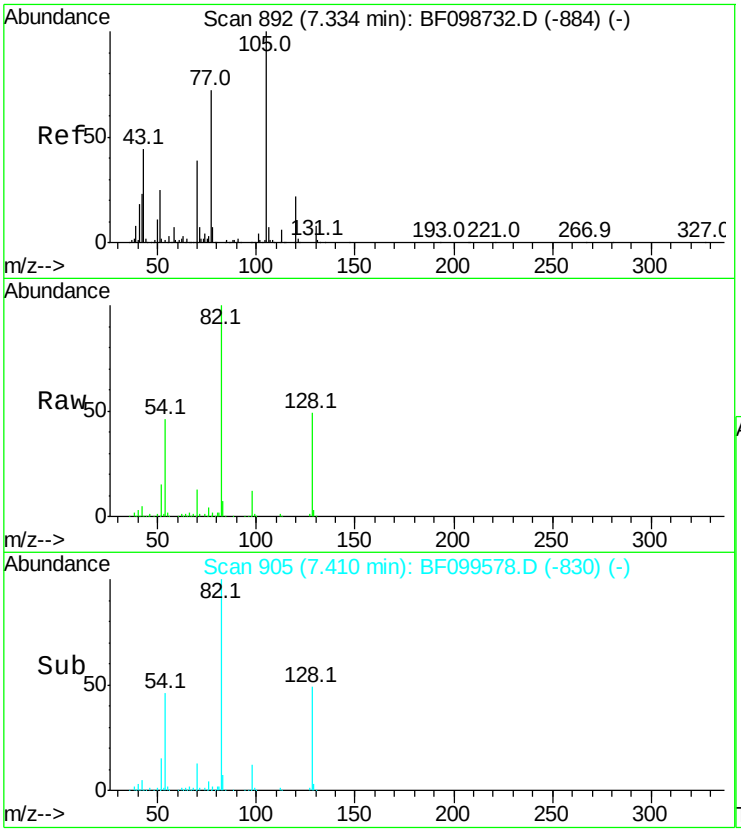


#9
Benzaldehyde
Concen: 2.978 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.21 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Tgt Ion: 77 Resp: 13514

Ion	Ratio	Lower	Upper
77	100		
105	86.9	81.1	121.1
106	83.5	74.5	114.5



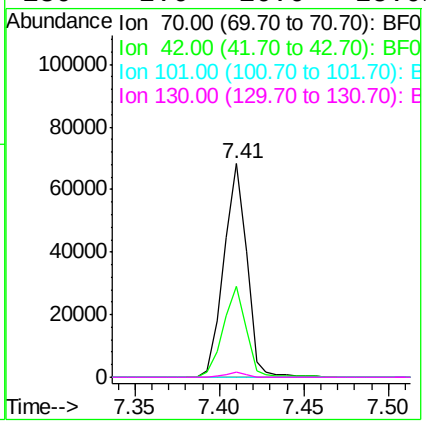


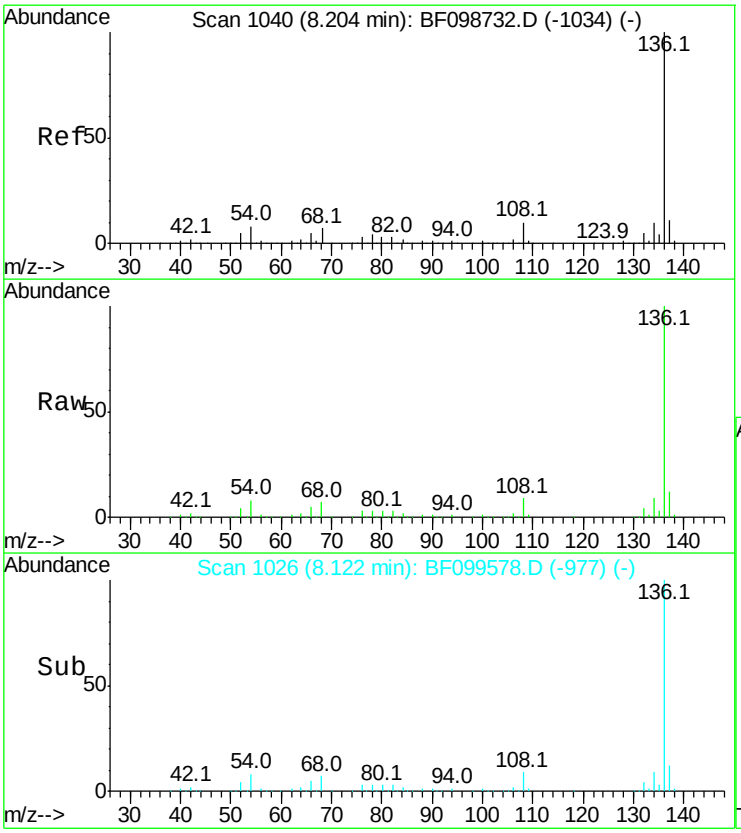
#19
n-Nitroso-di-n-propylamine
Concen: 12.910 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 64490

Ion	Ratio	Lower	Upper
70	100		
42	42.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#

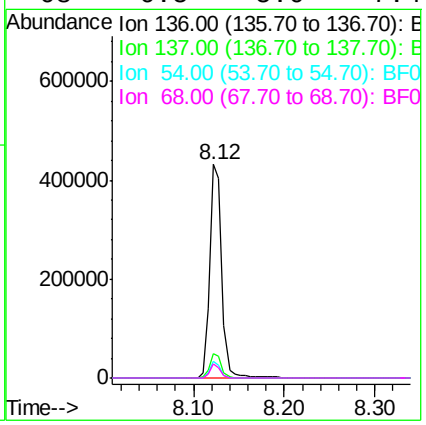


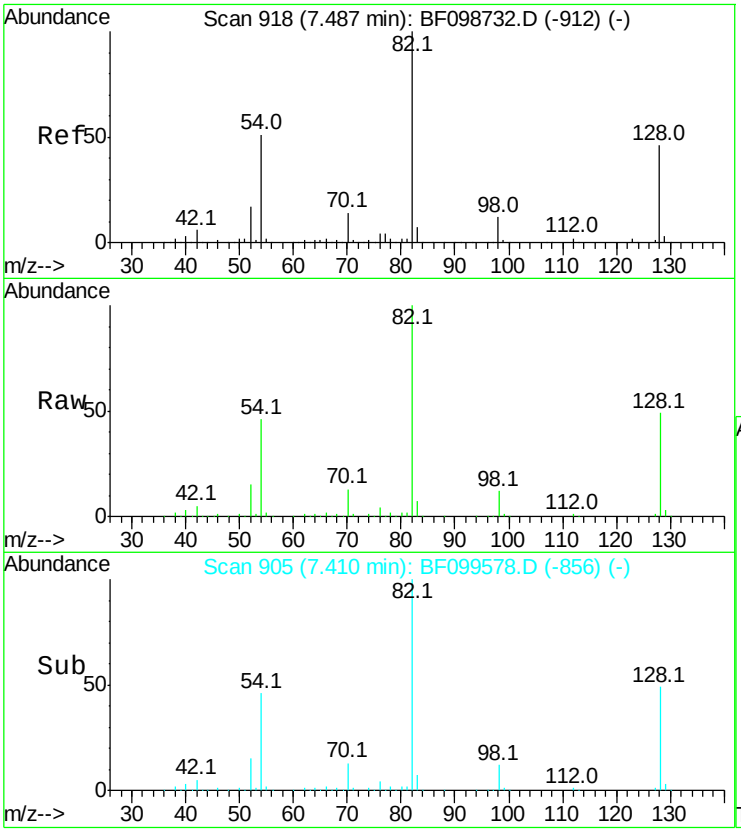


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Tgt Ion:136 Resp: 406092

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	7.5	6.6	9.8
68	6.5	5.0	7.4



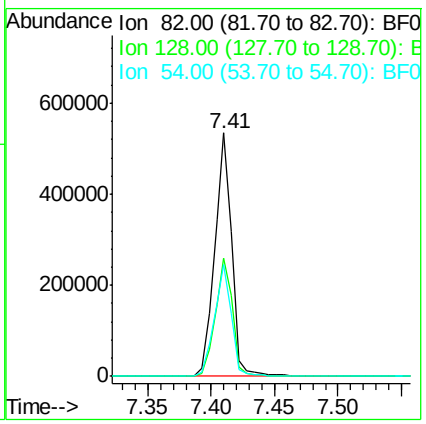


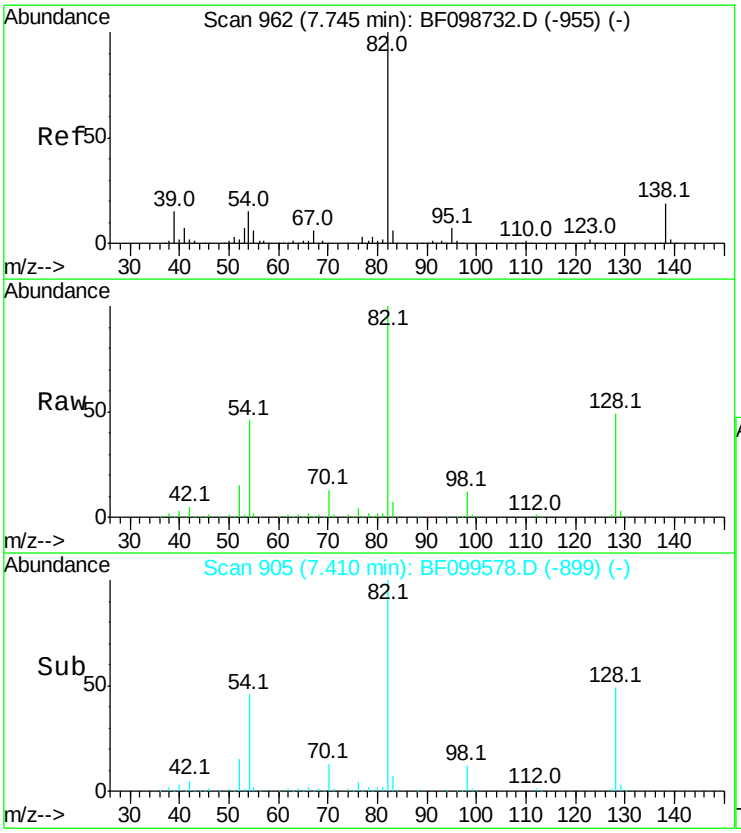
#23
Nitrobenzene-d5
Concen: 79.879 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 505820

Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.1	54.1
54	45.9	41.4	62.2

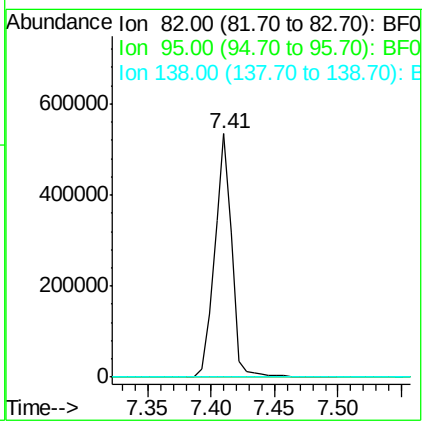


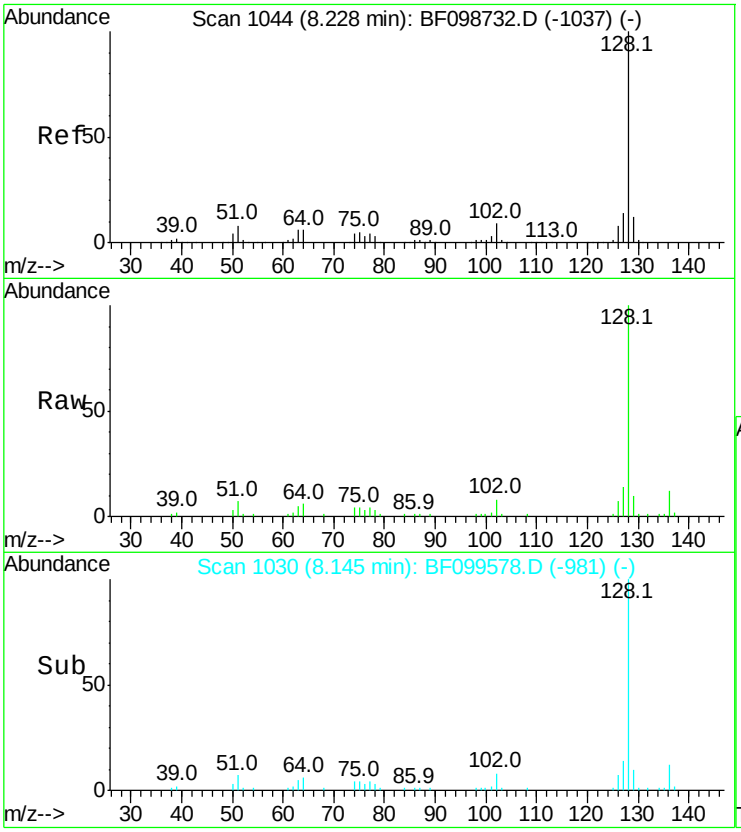


#25
Isophorone
Concen: 38.636 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Tgt Ion: 82 Resp: 505820

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



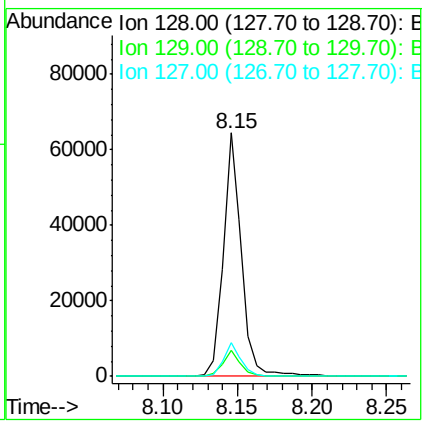


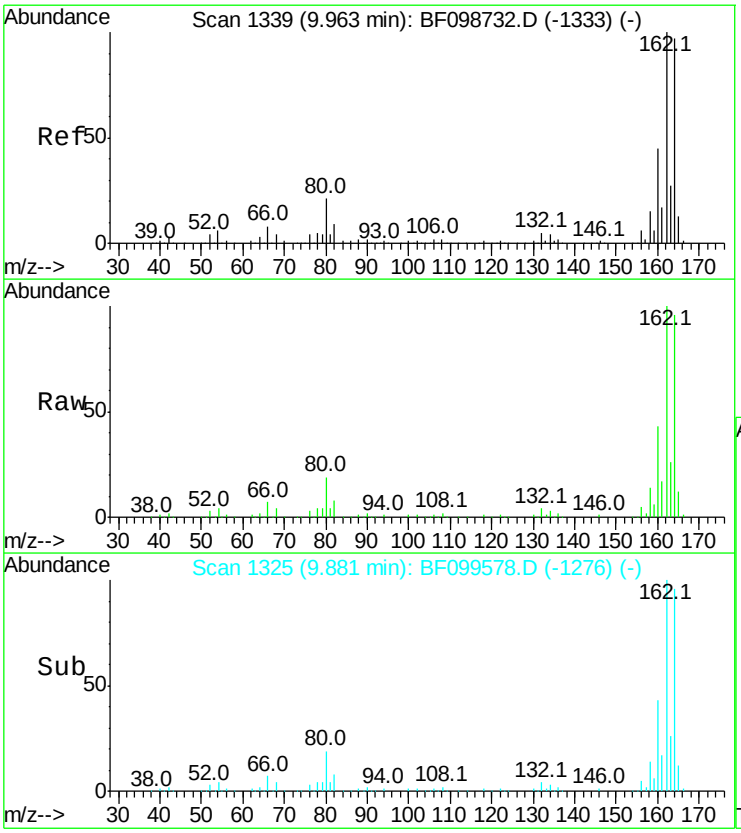
#31
Naphthalene
Concen: 2.908 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 55472

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.8	13.2
127	13.9	10.9	16.3

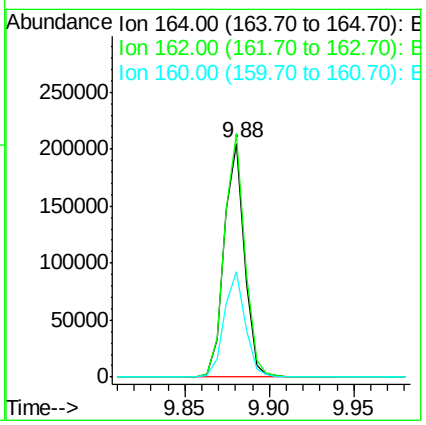


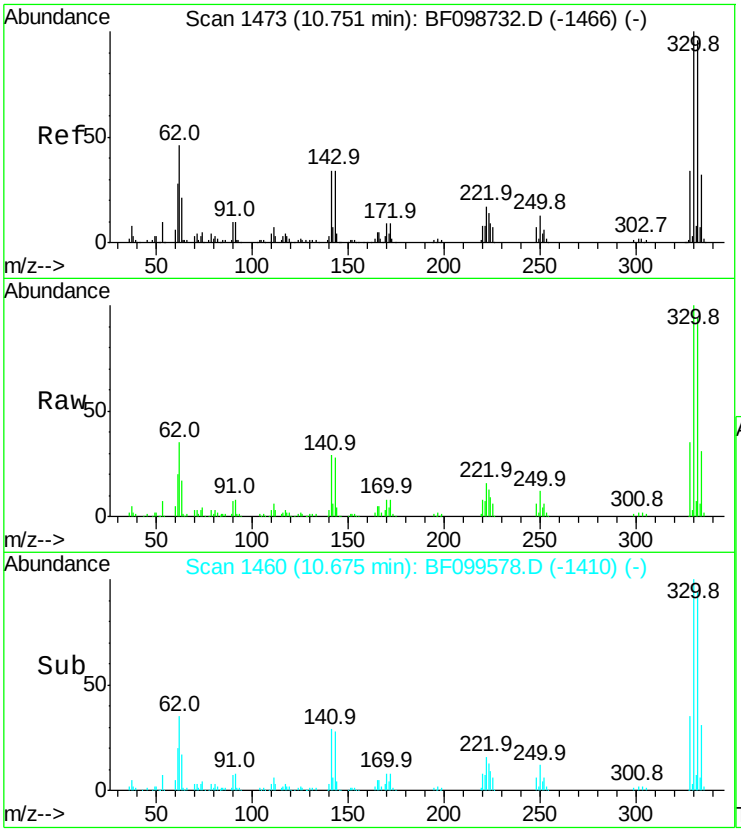


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Tgt Ion:164 Resp: 171321

Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	45.2	38.3	57.5



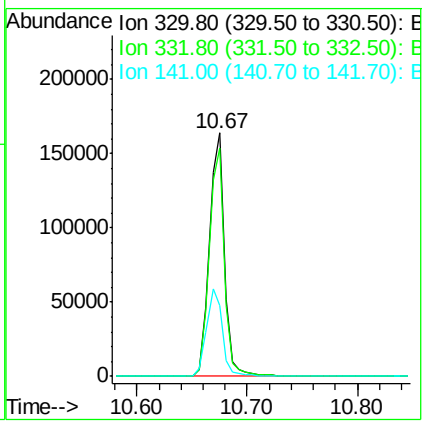


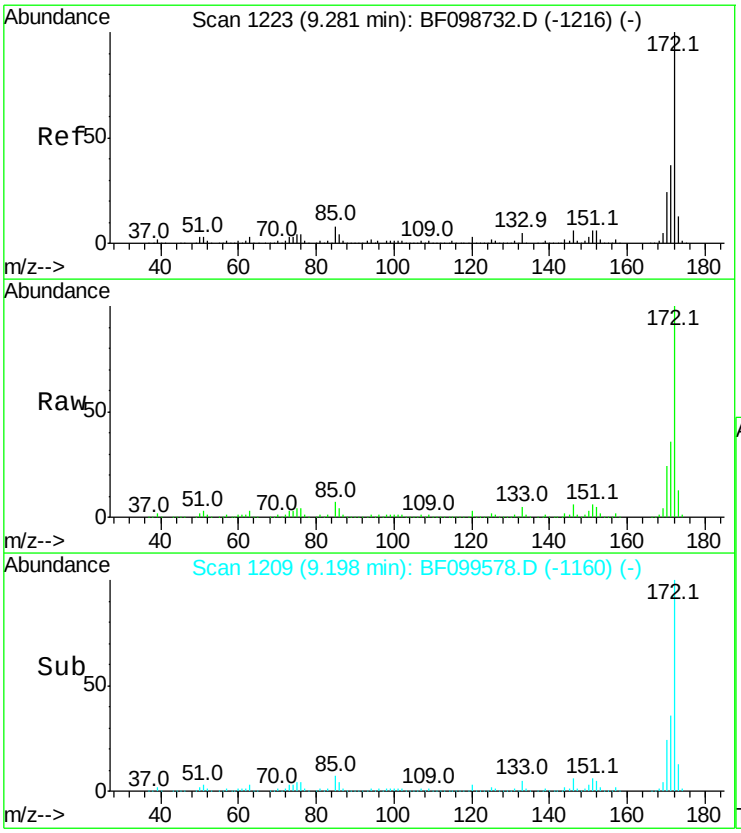
#41
2,4,6-Tribromophenol
Concen: 108.240 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 151739

Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	36.8	29.9	44.9

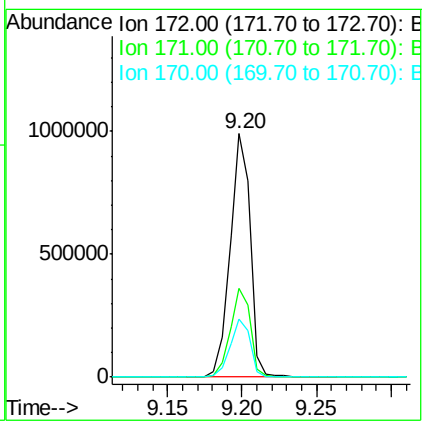


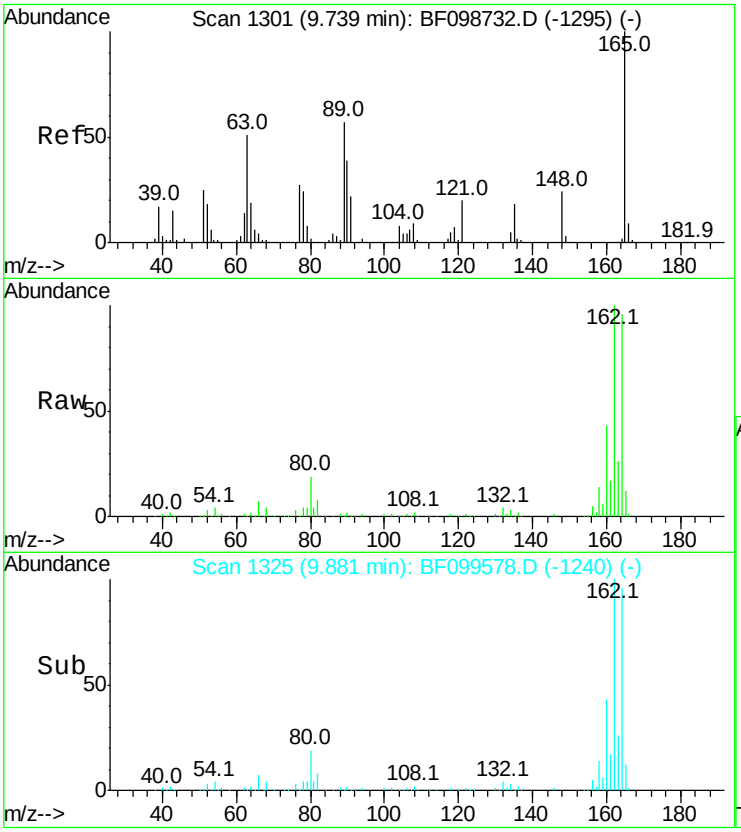


#44
2-Fluorobiphenyl
Concen: 91.931 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Tgt Ion:172 Resp: 943422

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.9	19.6	29.4



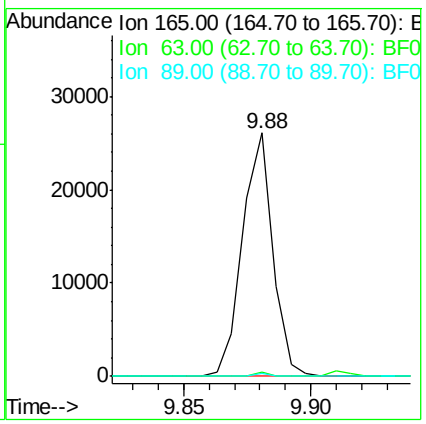


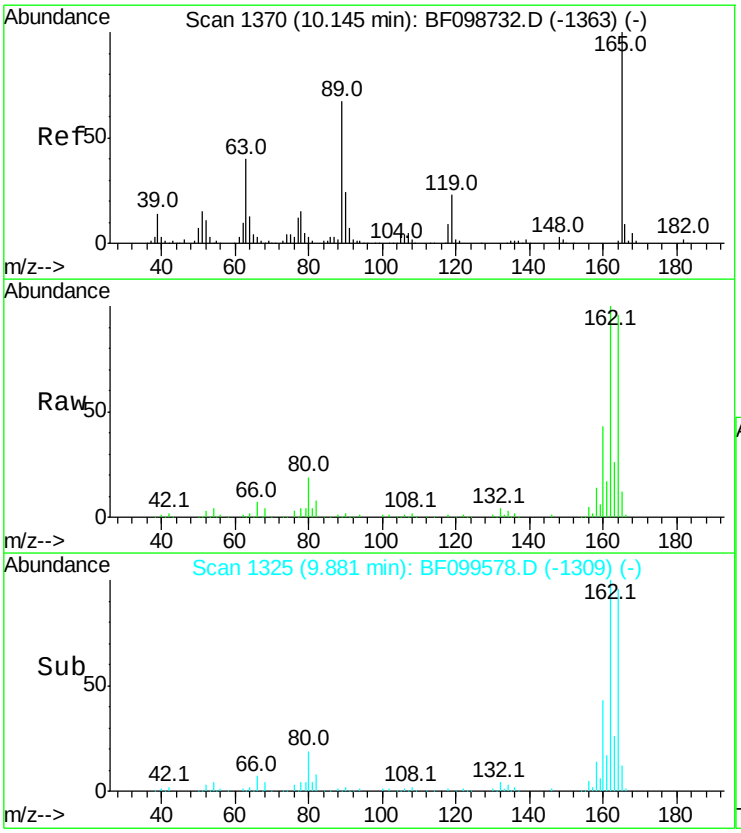
#50
2,6-Dinitrotoluene
Concen: 7.735 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.20 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21775

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.5	44.0	66.0#

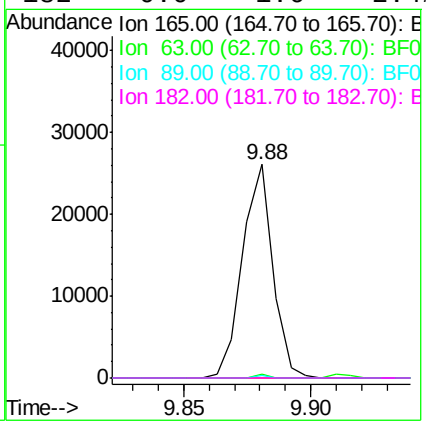


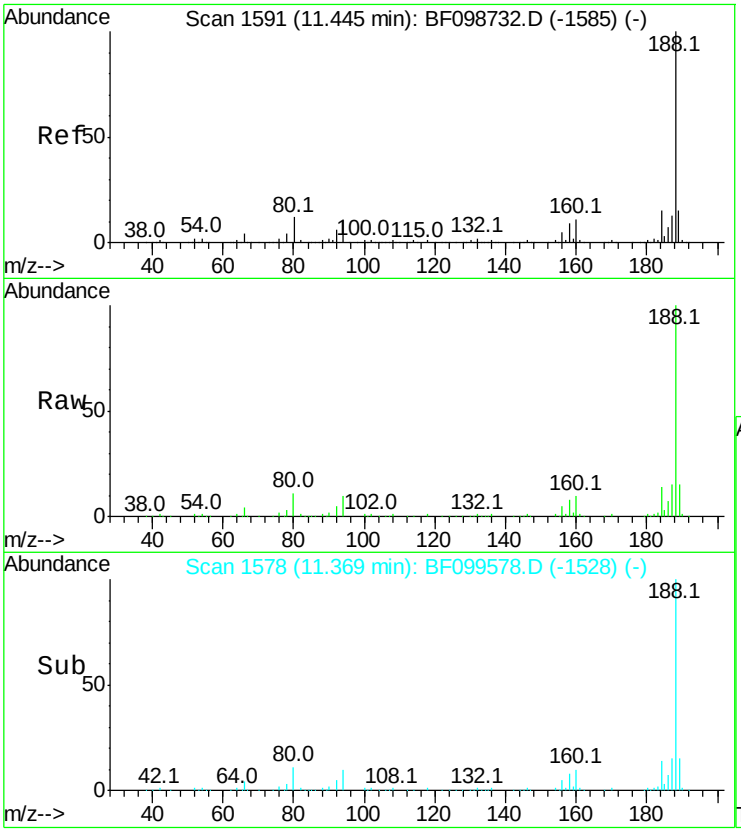


#56
2,4-Dinitrotoluene
Concen: 5.960 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.21 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Tgt Ion:165 Resp: 21775

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



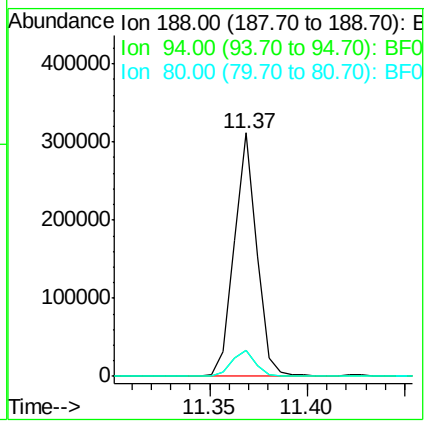


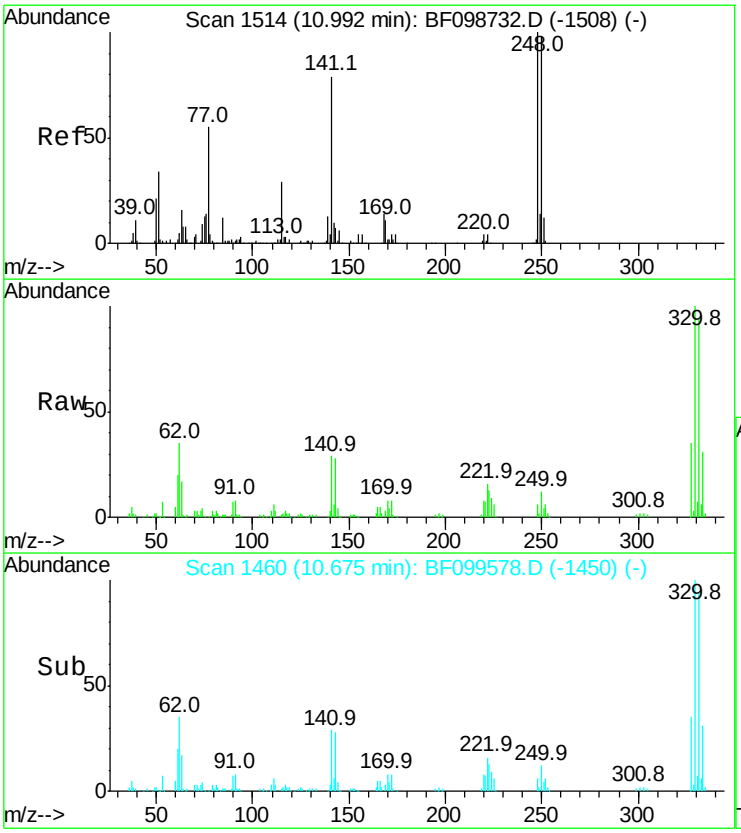
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 249854

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	10.9	9.2	13.8

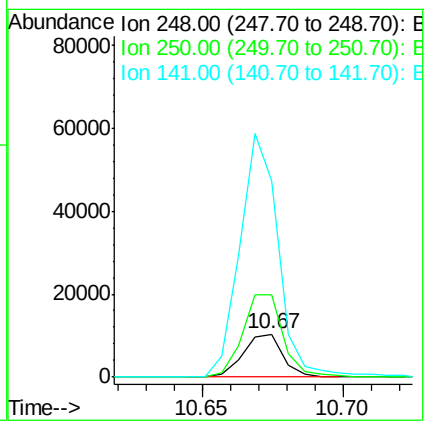


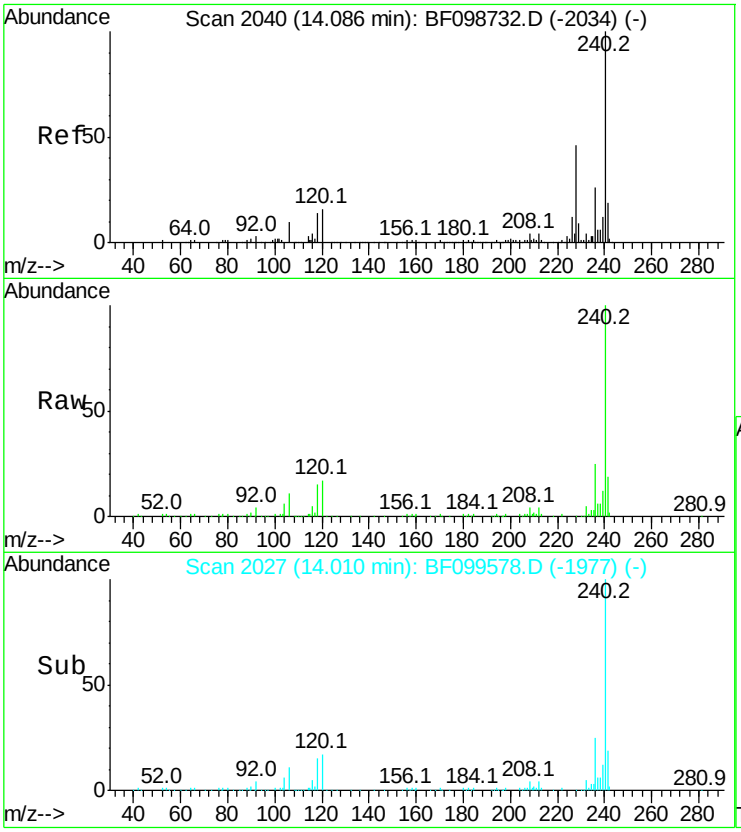


#66
4-Bromophenyl-phenylether
Concen: 4.061 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Tgt Ion:248 Resp: 9933

Ion	Ratio	Lower	Upper
248	100		
250	193.3	76.9	115.3#
141	459.0	74.4	111.6#



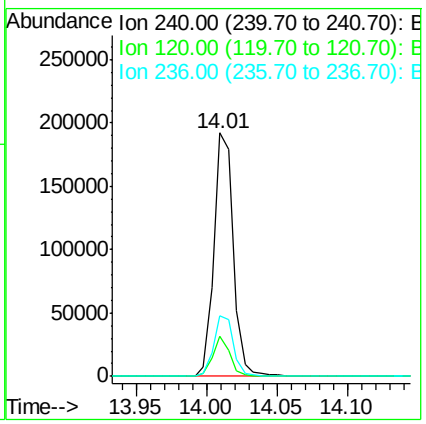


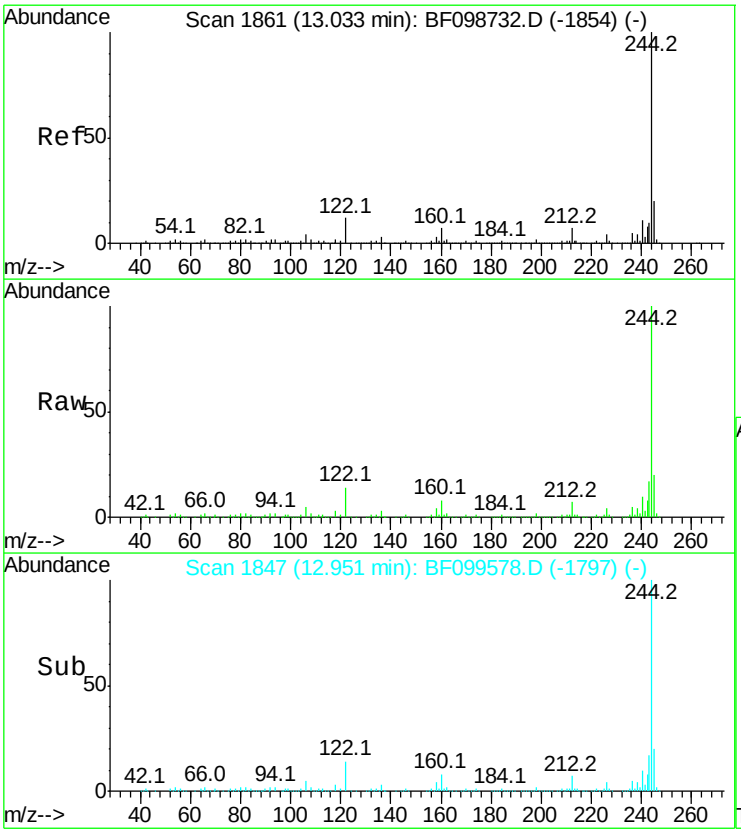
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 183962

Ion	Ratio	Lower	Upper
240	100		
120	16.6	9.5	14.3#
236	25.1	20.7	31.1

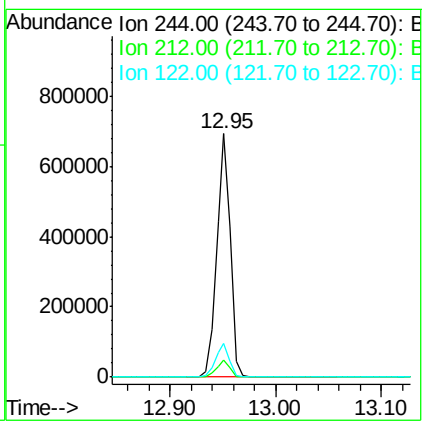


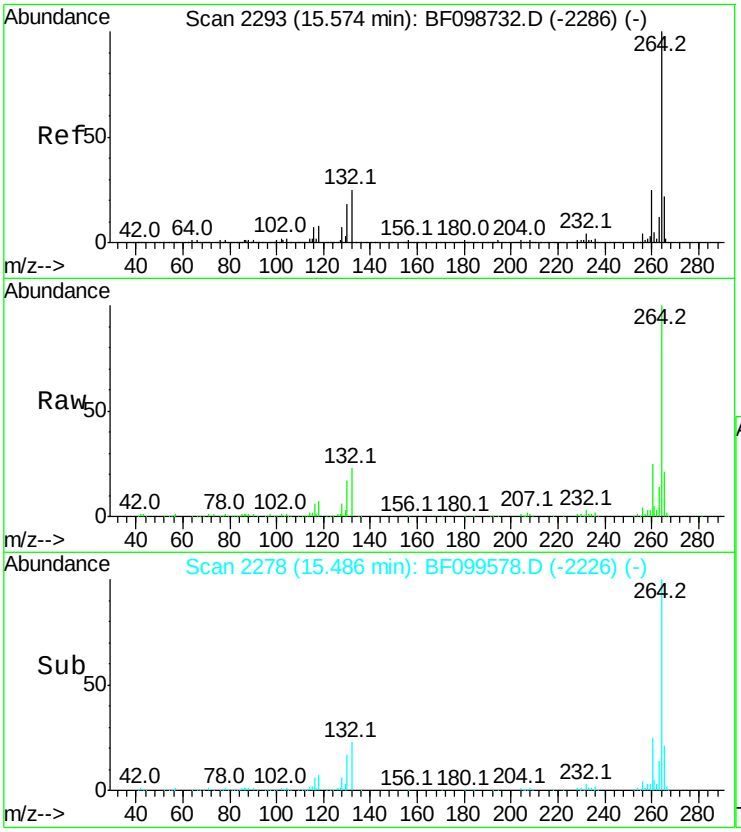


#78
Terphenyl-d14
Concen: 77.473 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Tgt Ion:244 Resp: 626687

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099578.D
Acq: 17 Oct 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 190778

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.3	17.5	26.3