Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101217\
Data File : BF099433.D
Acq On : 13 Oct 2017 10:38
Operator : SJ/JU
Sample : I5775-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-101017

Quant Time: Oct 13 13:20:11 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	111521	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	445670	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	175174	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	257583	20.00	ng		0.00
75) Chrysene-d12	14.02	240	206009	20.00	ng		0.00
86) Perylene-d12	15.49	264	155529	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	775295	110.67	ng		0.02
7) Phenol-d6	6.49	99	813260	94.10	ng		0.00
23) Nitrobenzene-d5	7.42	82	606412	87.26	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	168581	117.61	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1073900	102.34	ng		0.00
78) Terphenyl-d14	12.96	244	756475	83.51	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.63	77	16385	3.268	ng		83
15) Benzyl Alcohol	7.00	79	20441	3.224	ng	#	66
19) n-Nitroso-di-n-propylamine	7.42	70	77556	14.056	ng	#	73
25) Isophorone	7.42	82	606403	42.205	ng	#	64
50) 2,6-Dinitrotoluene	9.89	165	22475	7.808	ng	#	25
56) 2,4-Dinitrotoluene	9.89	165	22475	6.017	ng	#	22
66) 4-Bromophenyl-phenylether	10.68	248	11042	4.379	ng	#	1

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

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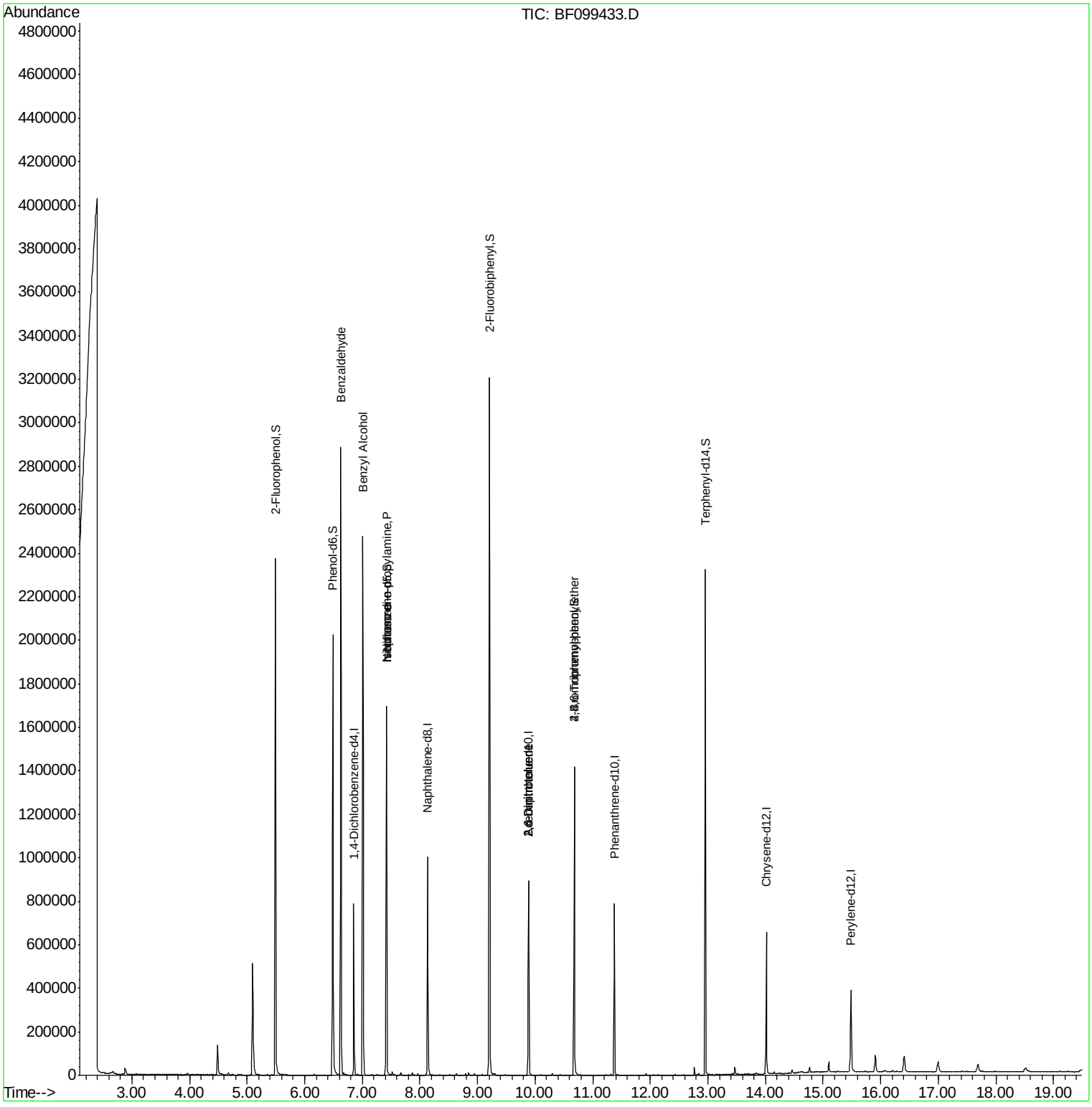
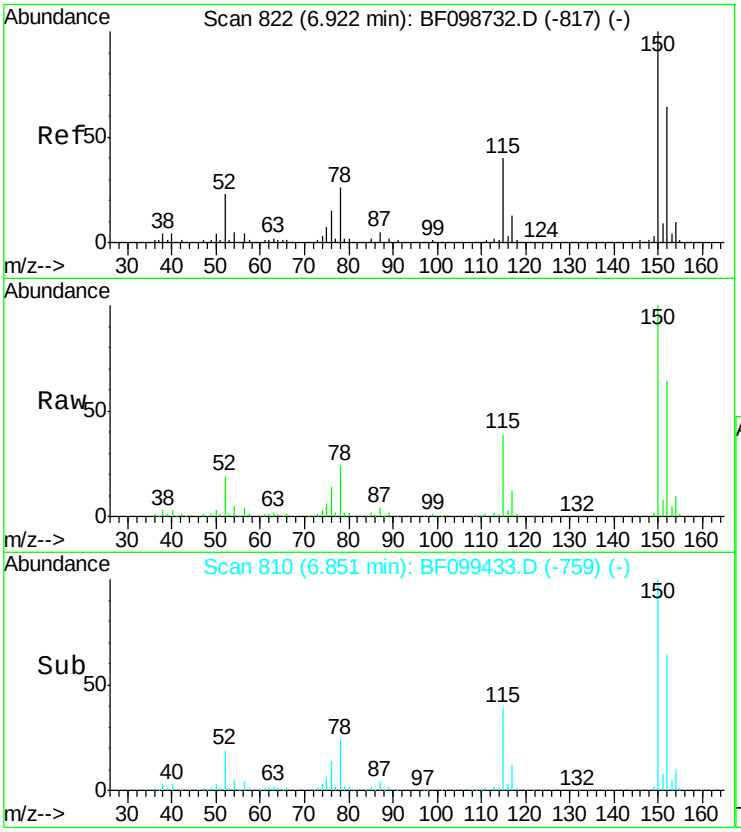


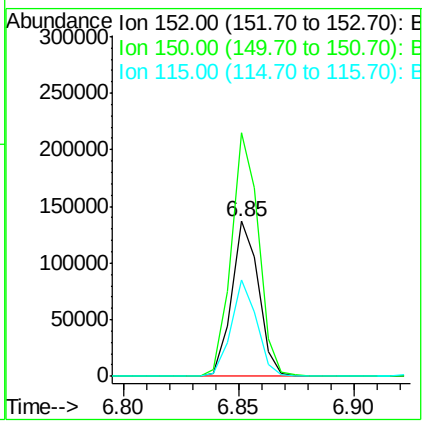


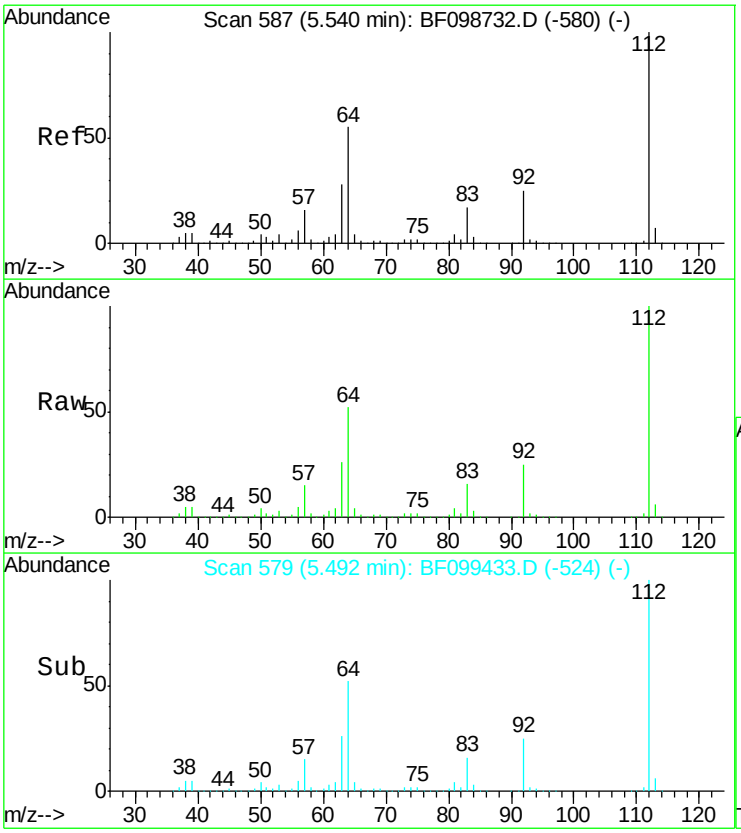
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099433.D
Acq: 13 Oct 2017 10:38

Instrument :
BNA_F
ClientSampleId :
SU-04-101017

Tgt Ion:152 Resp: 111521

Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	61.8	50.1	75.1

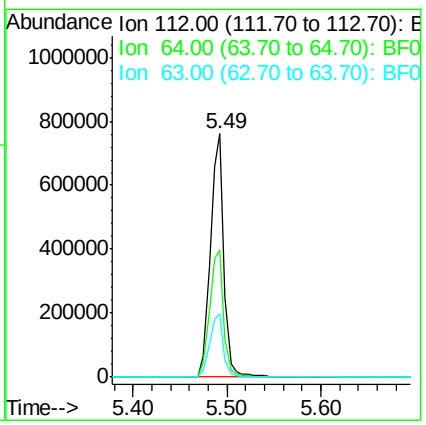


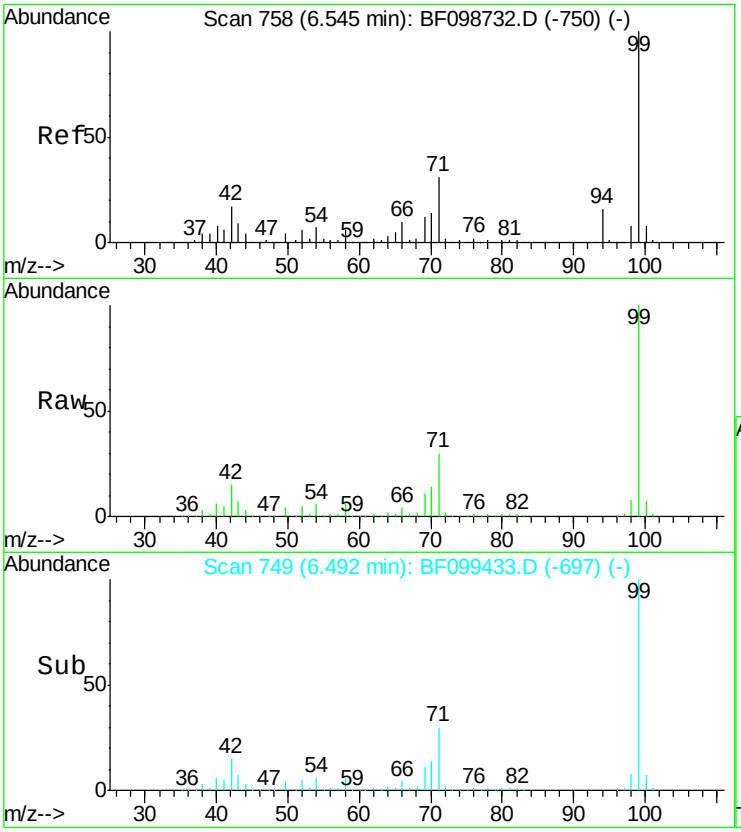


#5
2-Fluorophenol
Concen: 110.669 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.02 min
Lab File: BF099433.D
Acq: 13 Oct 2017 10:38

Tgt Ion:112 Resp: 775295

Ion	Ratio	Lower	Upper
112	100		
64	52.3	47.9	71.9
63	26.1	23.7	35.5



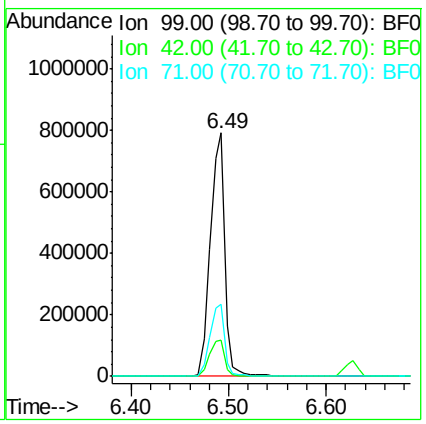


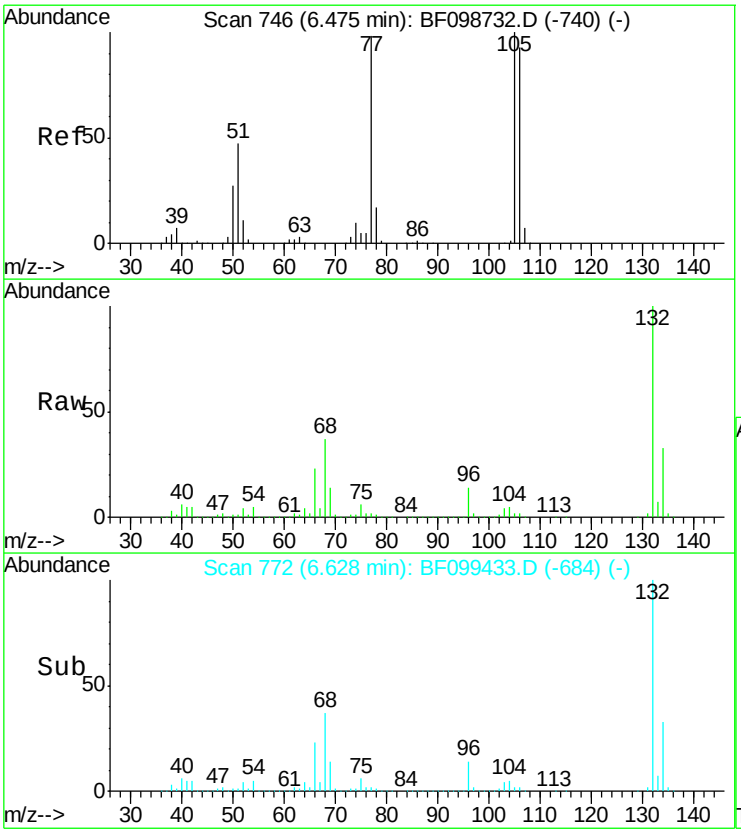
#7
Phenol-d6
Concen: 94.104 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF099433.D
Acq: 13 Oct 2017 10:38

Instrument :
BNA_F
ClientSampleId :
SU-04-101017

Tgt Ion: 99 Resp: 813260

Ion	Ratio	Lower	Upper
99	100		
42	14.7	14.5	21.7
71	29.9	25.4	38.0

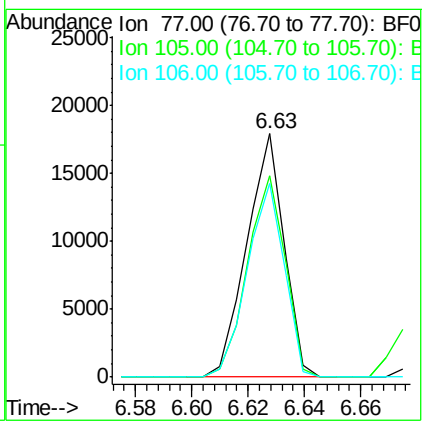


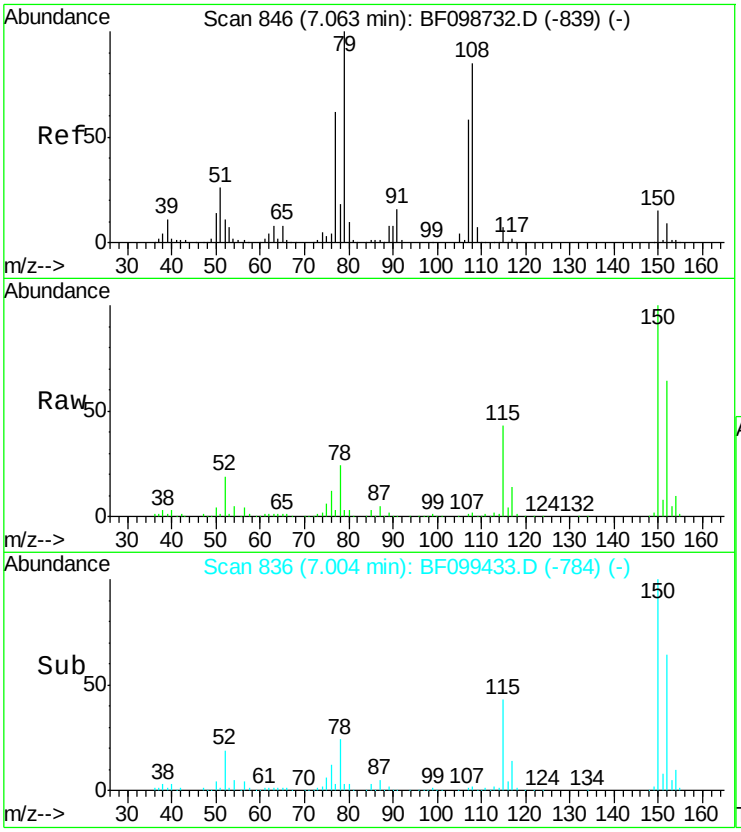


#9
Benzaldehyde
Concen: 3.268 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.22 min
Lab File: BF099433.D
Acq: 13 Oct 2017 10:38

Tgt Ion: 77 Resp: 16385

Ion	Ratio	Lower	Upper
77	100		
105	82.7	81.1	121.1
106	79.7	74.5	114.5



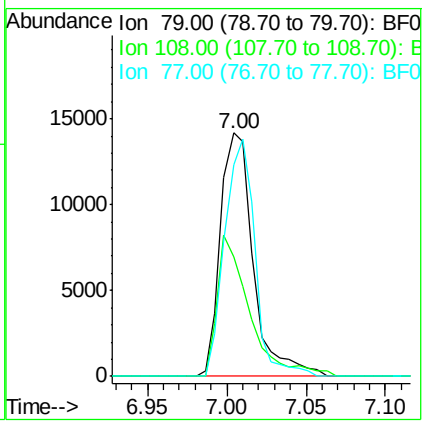


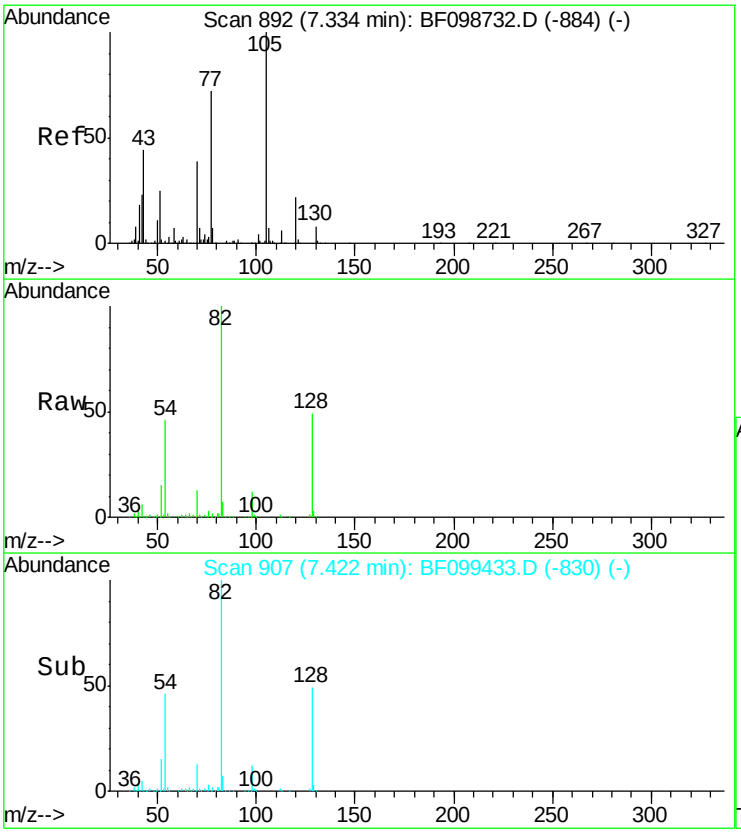
#15
Benzyl Alcohol
Concen: 3.224 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF099433.D
Acq: 13 Oct 2017 10:38

Instrument :
BNA_F
ClientSampleId :
SU-04-101017

Tgt Ion: 79 Resp: 20441

Ion	Ratio	Lower	Upper
79	100		
108	48.9	65.1	97.7#
77	87.2	50.6	75.8#

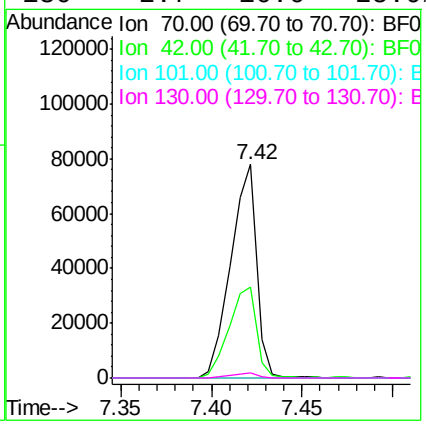


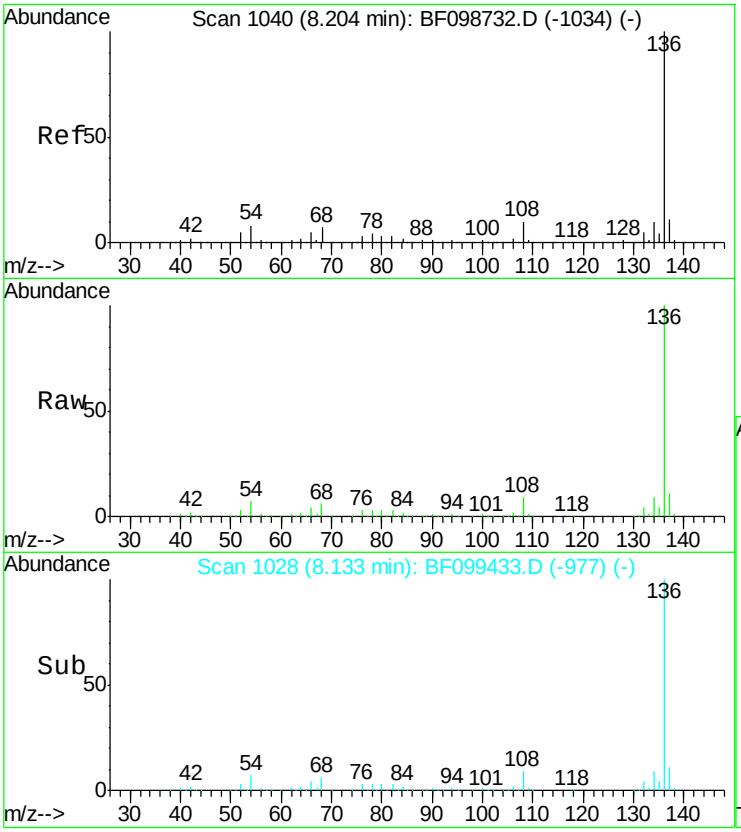


#19
n-Nitroso-di-n-propylamine
Concen: 14.056 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF099433.D
Acq: 13 Oct 2017 10:38

Tgt Ion: 70 Resp: 77556

Ion	Ratio	Lower	Upper
70	100		
42	42.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



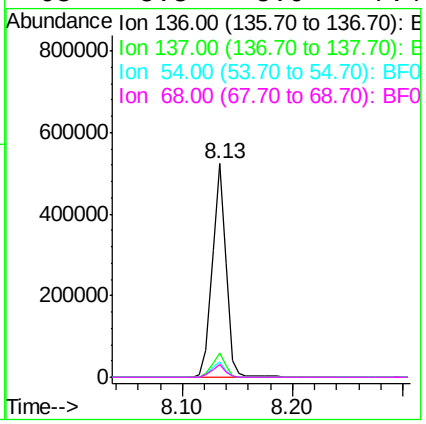


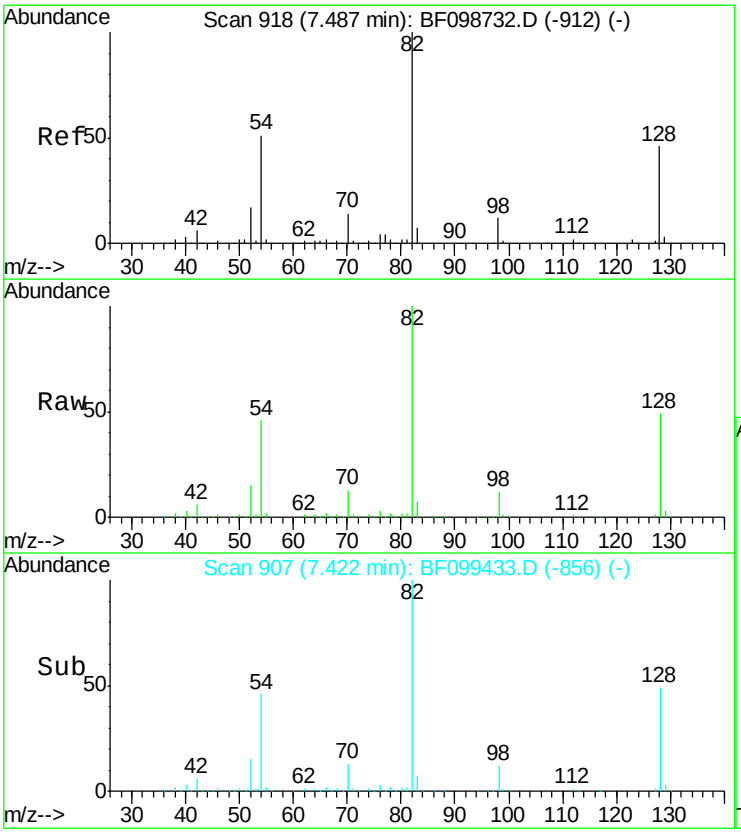
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099433.D
Acq: 13 Oct 2017 10:38

Instrument :
BNA_F
ClientSampleId :
SU-04-101017

Tgt Ion:136 Resp: 445670

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.1	6.6	9.8
68	5.8	5.0	7.4

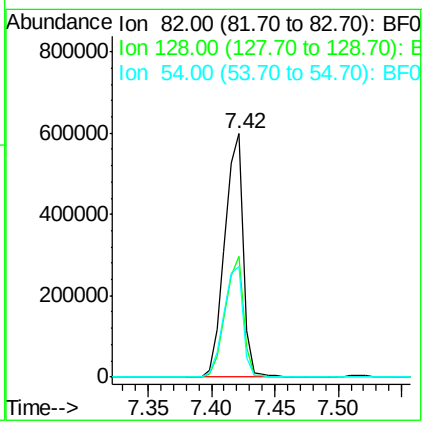


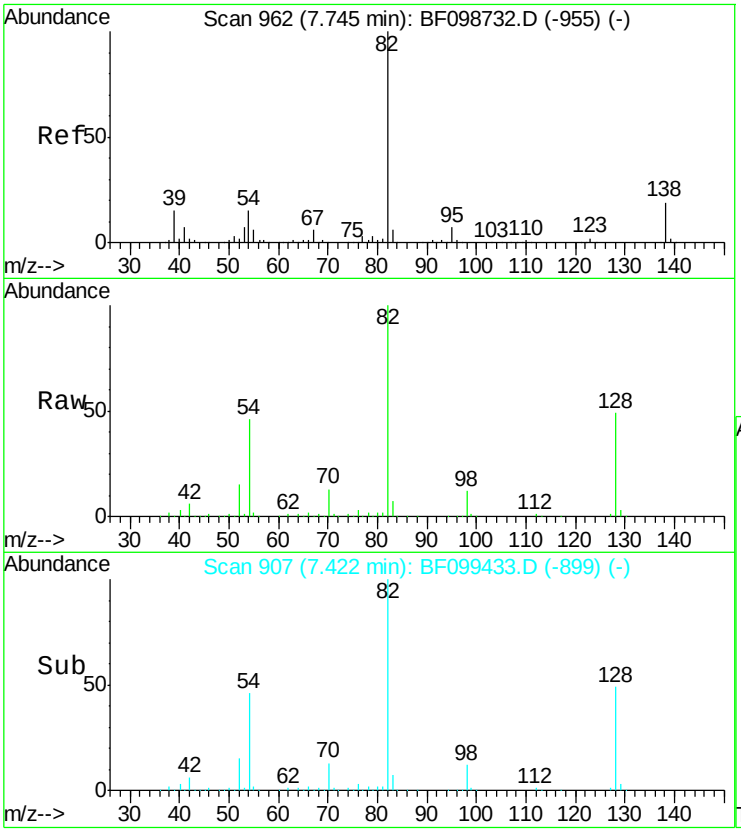


#23
Nitrobenzene-d5
Concen: 87.260 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF099433.D
Acq: 13 Oct 2017 10:38

Tgt Ion: 82 Resp: 606412

Ion	Ratio	Lower	Upper
82	100		
128	49.5	36.1	54.1
54	45.6	41.4	62.2



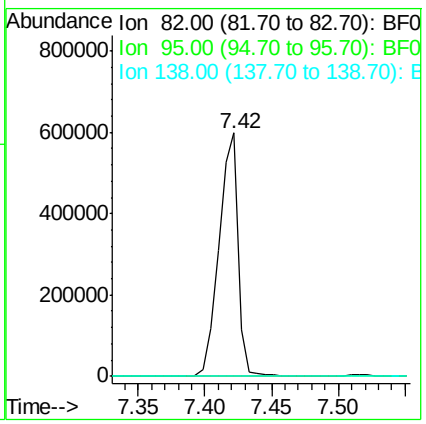


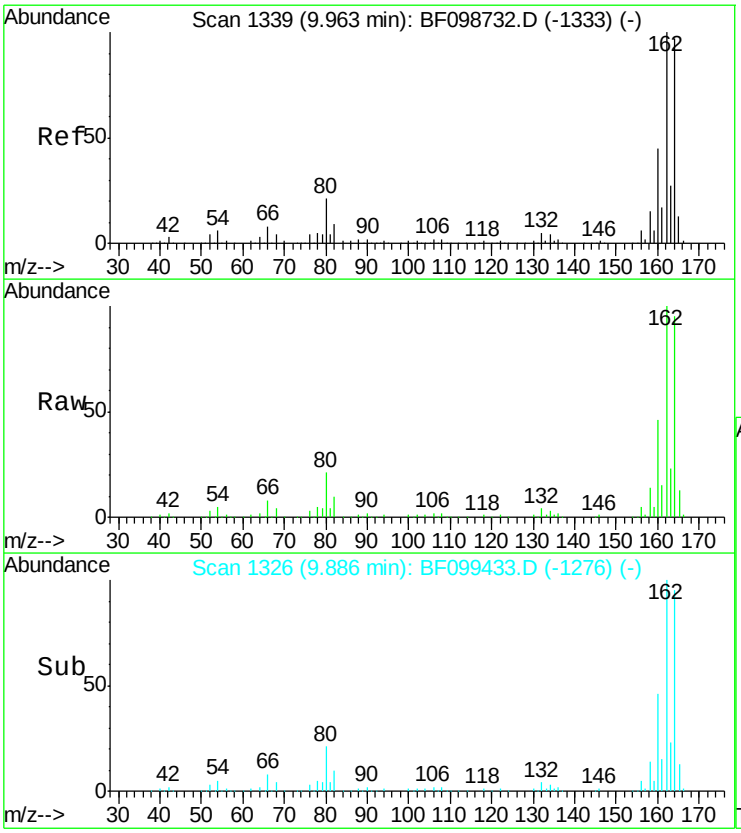
#25
Isophorone
Concen: 42.205 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.25 min
Lab File: BF099433.D
Acq: 13 Oct 2017 10:38

Instrument :
BNA_F
ClientSampleId :
SU-04-101017

Tgt Ion: 82 Resp: 606403

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

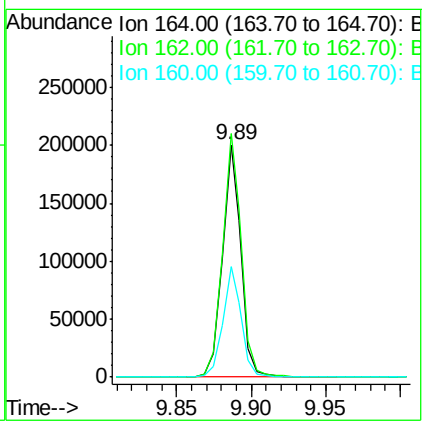


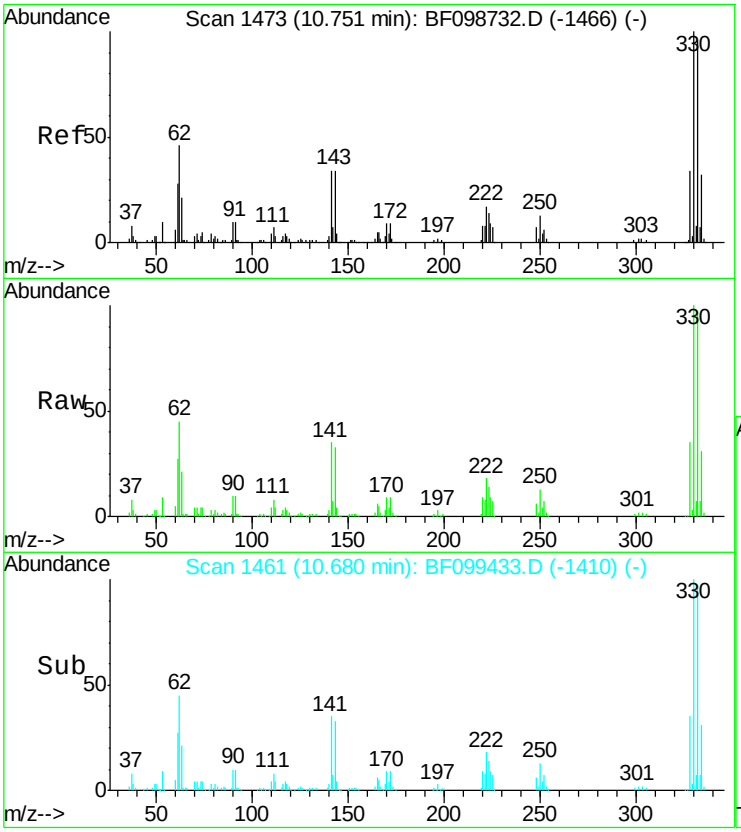


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099433.D
Acq: 13 Oct 2017 10:38

Tgt Ion:164 Resp: 175174

Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	47.7	38.3	57.5



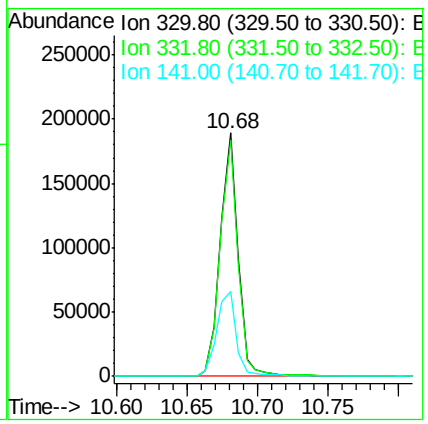


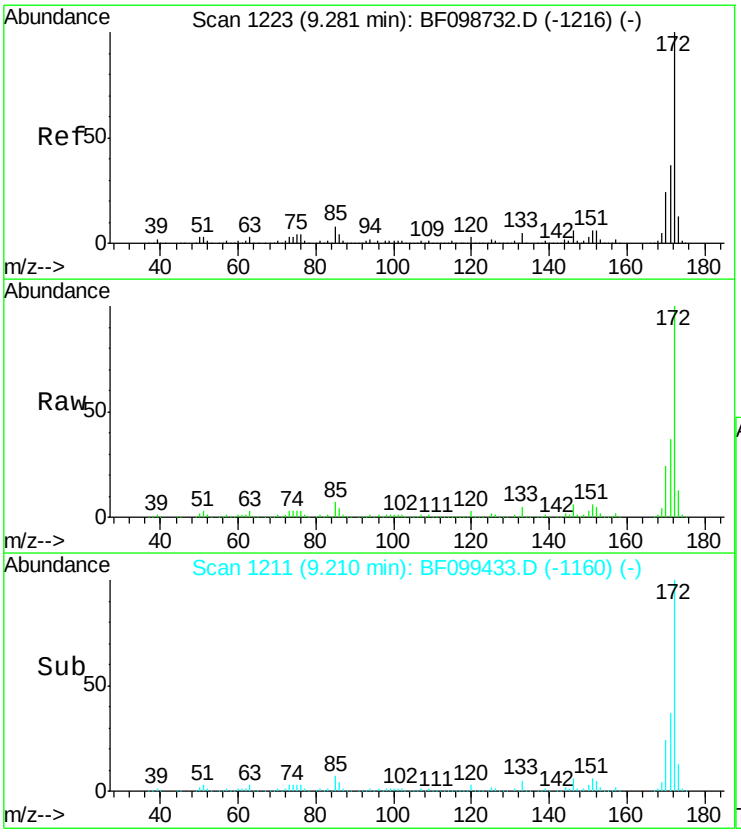
#41
2,4,6-Tribromophenol
Concen: 117.609 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF099433.D
Acq: 13 Oct 2017 10:38

Instrument :
BNA_F
ClientSampleId :
SU-04-101017

Tgt Ion:330 Resp: 168581

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	38.1	29.9	44.9

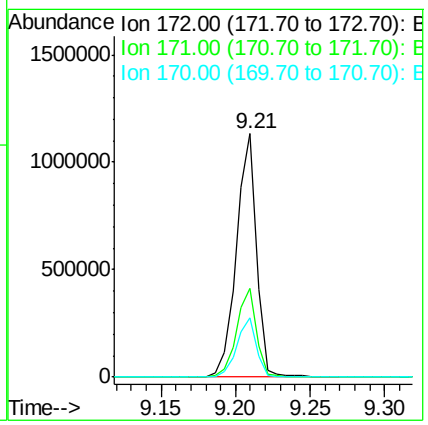


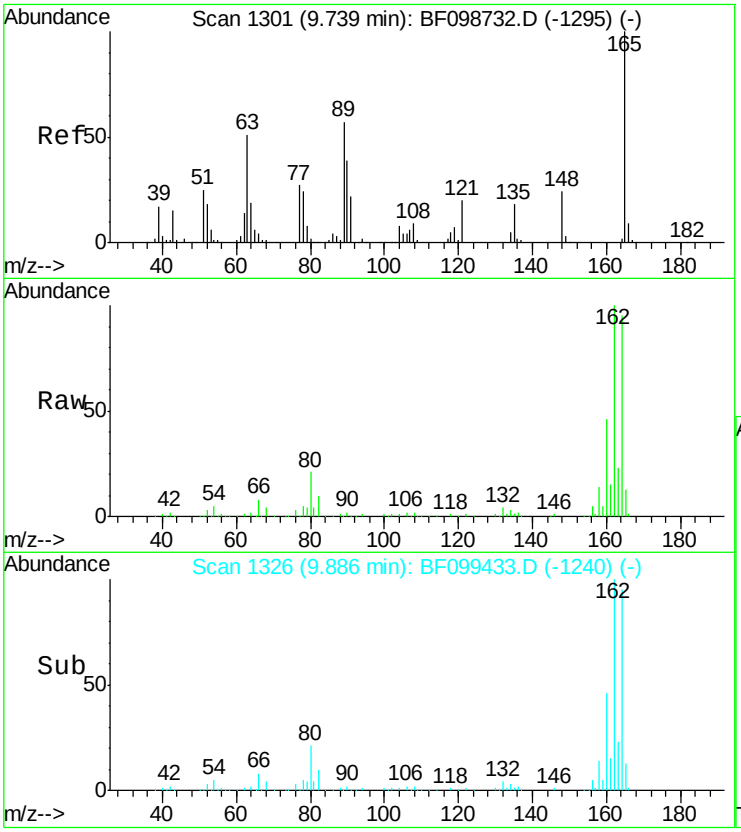


#44
2-Fluorobiphenyl
Concen: 102.343 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF099433.D
Acq: 13 Oct 2017 10:38

Tgt Ion:172 Resp: 1073900

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.1	19.6	29.4



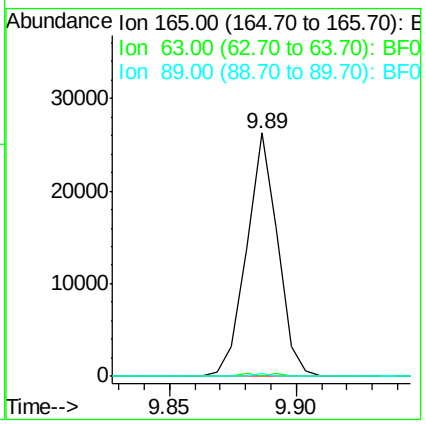


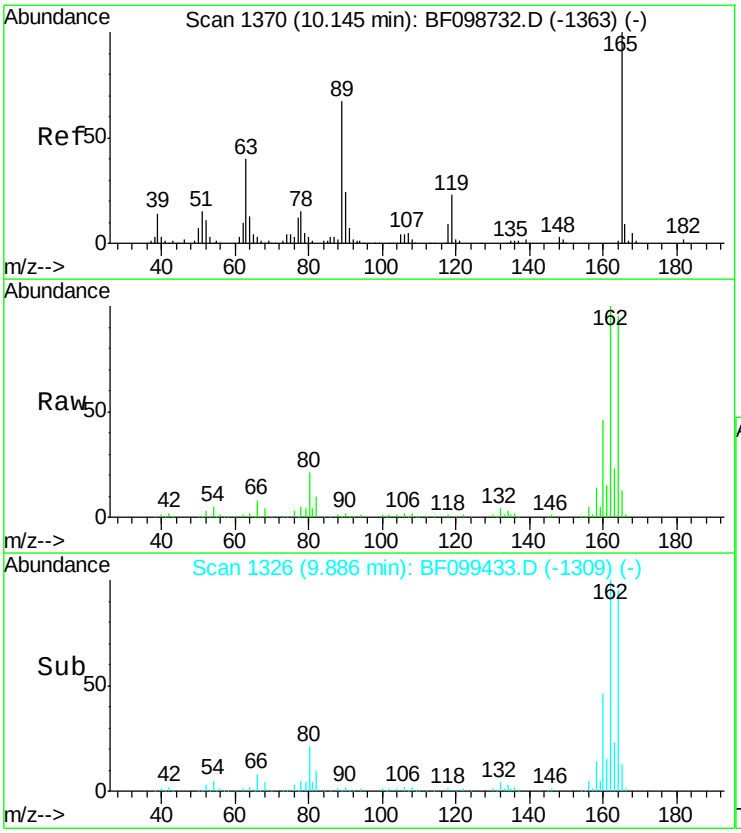
#50
2,6-Dinitrotoluene
Concen: 7.808 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF099433.D
Acq: 13 Oct 2017 10:38

Instrument :
BNA_F
ClientSampleId :
SU-04-101017

Tgt Ion:165 Resp: 22475

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.4	44.0	66.0#

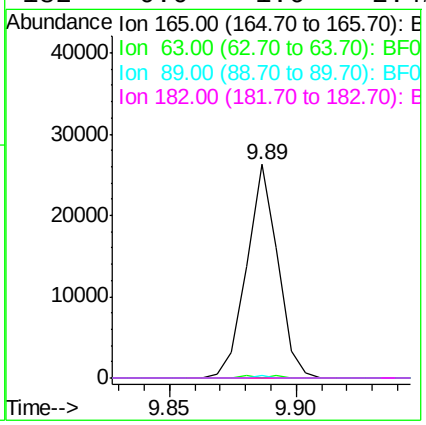


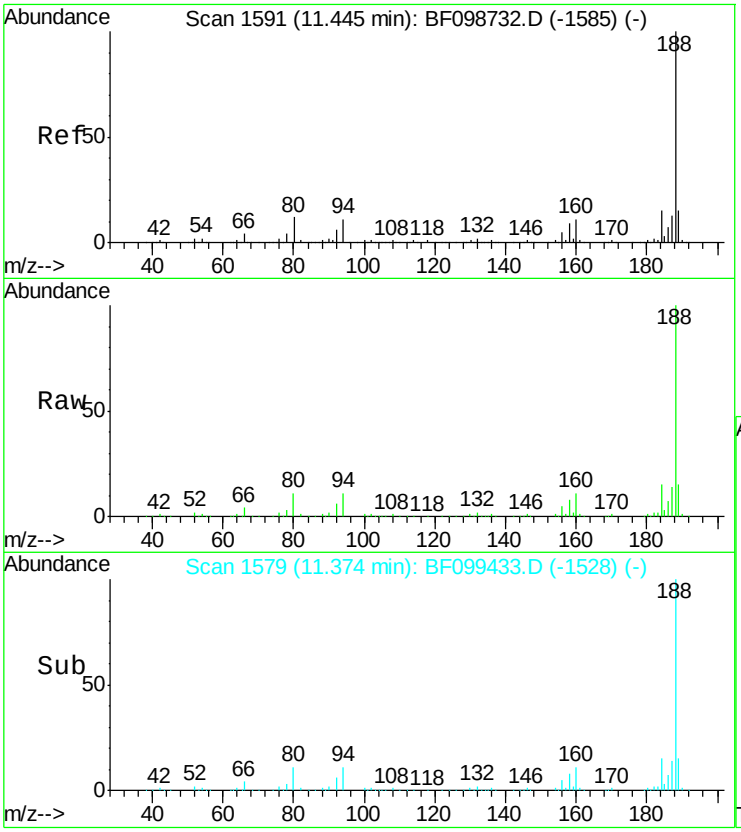


#56
2,4-Dinitrotoluene
Concen: 6.017 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF099433.D
Acq: 13 Oct 2017 10:38

Tgt Ion:165 Resp: 22475

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



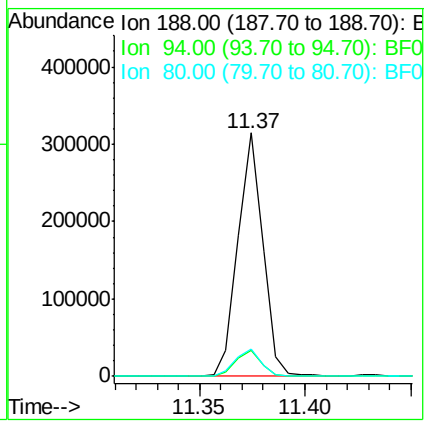


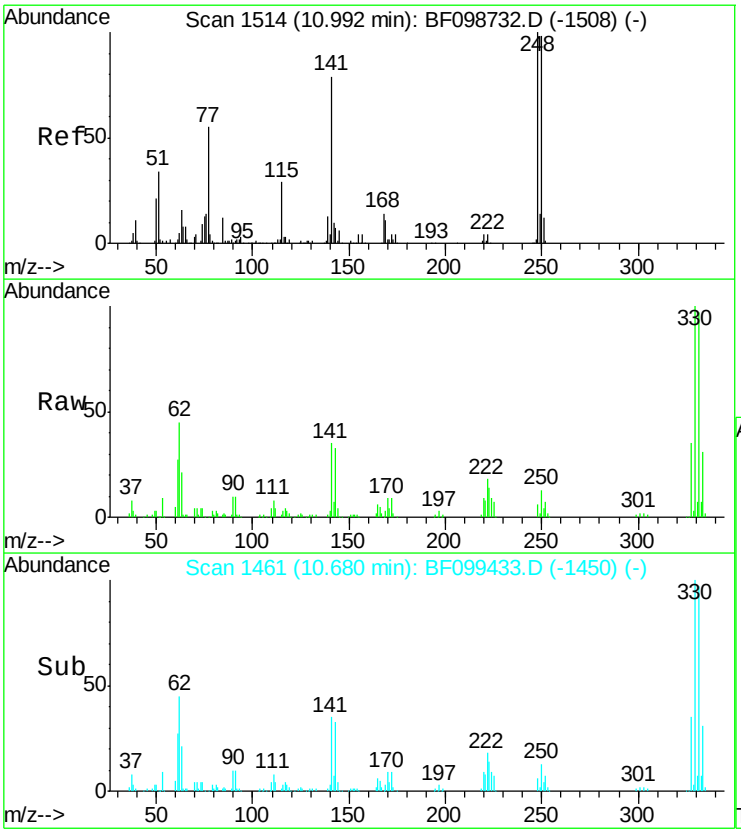
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099433.D
Acq: 13 Oct 2017 10:38

Instrument :
BNA_F
ClientSampleId :
SU-04-101017

Tgt Ion:188 Resp: 257583

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.2	9.2	13.8

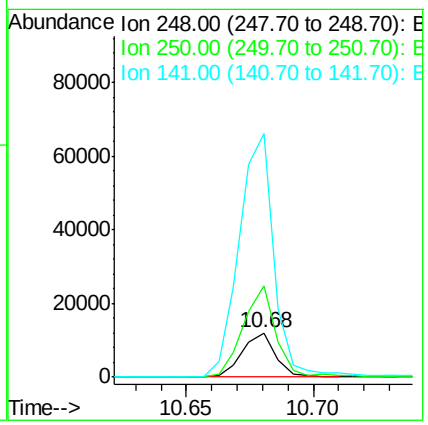


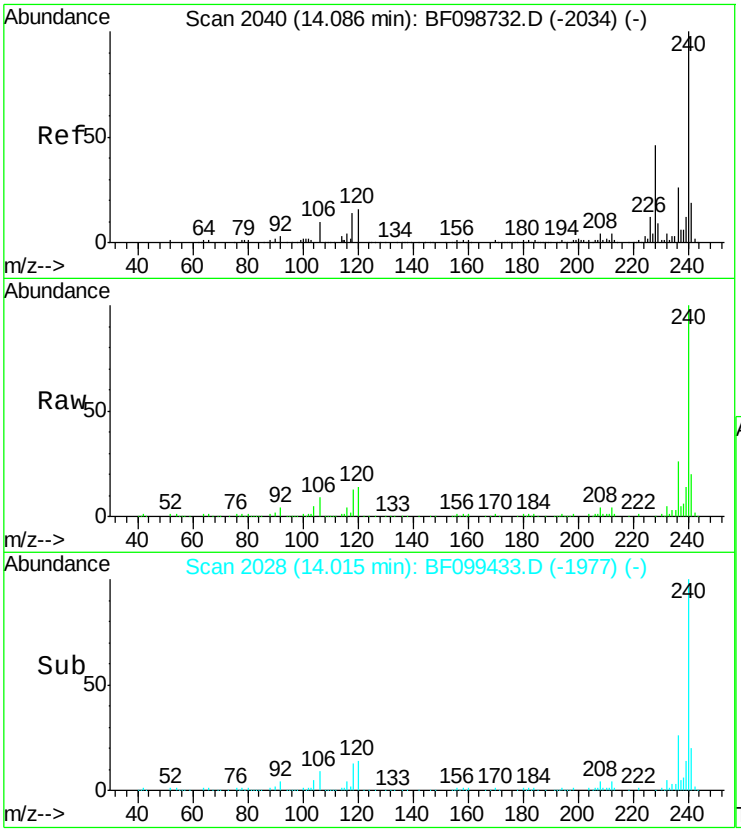


#66
4-Bromophenyl-phenylether
Concen: 4.379 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099433.D
Acq: 13 Oct 2017 10:38

Tgt Ion:248 Resp: 11042

Ion	Ratio	Lower	Upper
248	100		
250	206.8	76.9	115.3#
141	550.5	74.4	111.6#



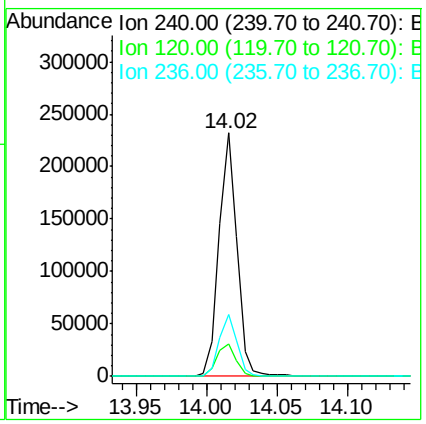


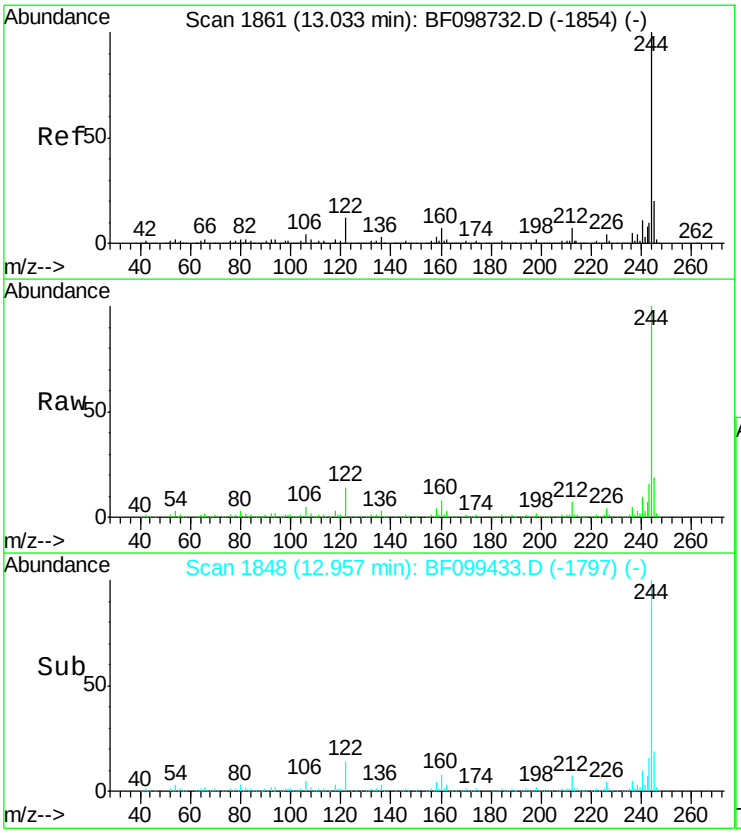
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099433.D
Acq: 13 Oct 2017 10:38

Instrument :
BNA_F
ClientSampleId :
SU-04-101017

Tgt Ion:240 Resp: 206009

Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.5	14.3
236	25.5	20.7	31.1

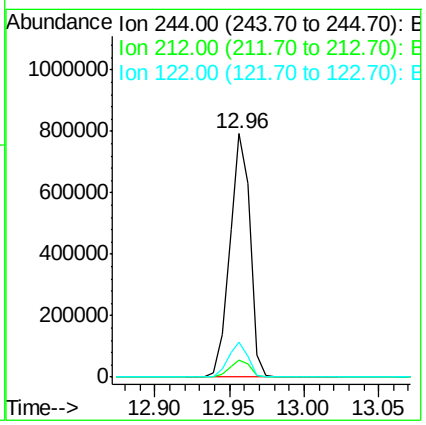


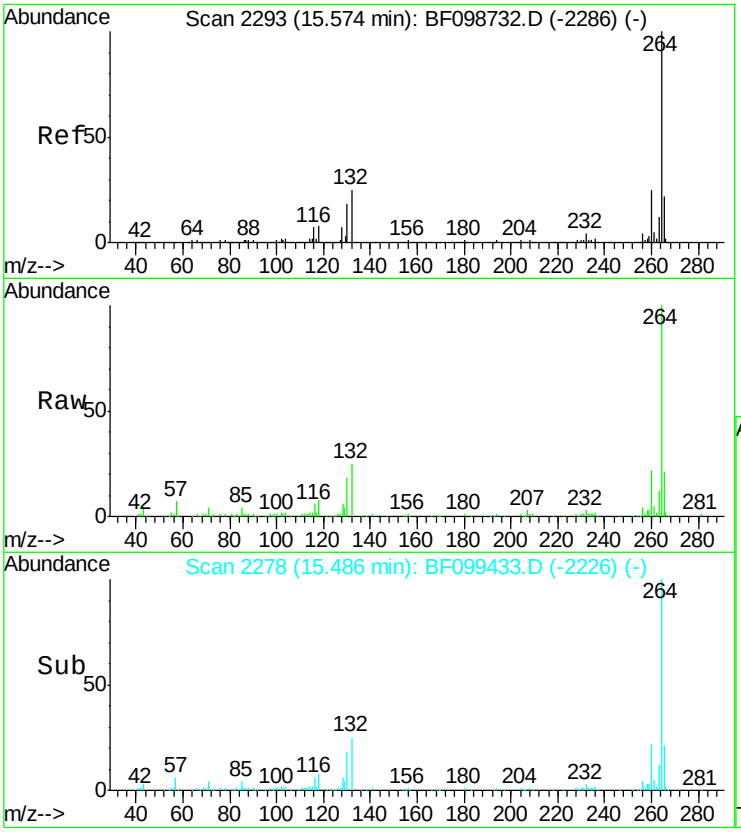


#78
Terphenyl-d14
Concen: 83.510 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF099433.D
Acq: 13 Oct 2017 10:38

Tgt Ion:244 Resp: 756475

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.3	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: BF099433.D
Acq: 13 Oct 2017 10:38

Instrument :
BNA_F
ClientSampleId :
SU-04-101017

Tgt Ion:264 Resp: 155529

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	20.6	17.5	26.3