Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099630.D
Acq On : 18 Oct 2017 21:14
Operator : SJ/JU
Sample : I5930-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 18 22:15:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 15:18:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	119137	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	463214	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	181144	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	257972	20.00	ng		0.00
75) Chrysene-d12	13.99	240	225033	20.00	ng		0.00
86) Perylene-d12	15.46	264	227757	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	728256	97.31	ng		0.01
7) Phenol-d6	6.47	99	849894	92.06	ng		0.00
23) Nitrobenzene-d5	7.39	82	503298	69.68	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	132410	89.33	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	860488	79.30	ng		0.00
78) Terphenyl-d14	12.93	244	548259	55.41	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.60	77	13610	2.541	ng		89
10) Phenol	6.49	94	36696	3.554	ng		92
19) n-Nitroso-di-n-propylamine	7.39	70	63526	10.777	ng	#	74
25) Isophorone	7.39	82	503292	33.702	ng	#	64
49) Dimethylphthalate	9.57	163	30697	2.245	ng		99
50) 2,6-Dinitrotoluene	9.86	165	23338	7.841	ng	#	25
56) 2,4-Dinitrotoluene	9.86	165	23338	6.042	ng	#	23
66) 4-Bromophenyl-phenylether	10.65	248	8703	3.447	ng	#	1

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

Quantitation Report (Not Reviewed)

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Acq On : 18 Oct 2017 21:14
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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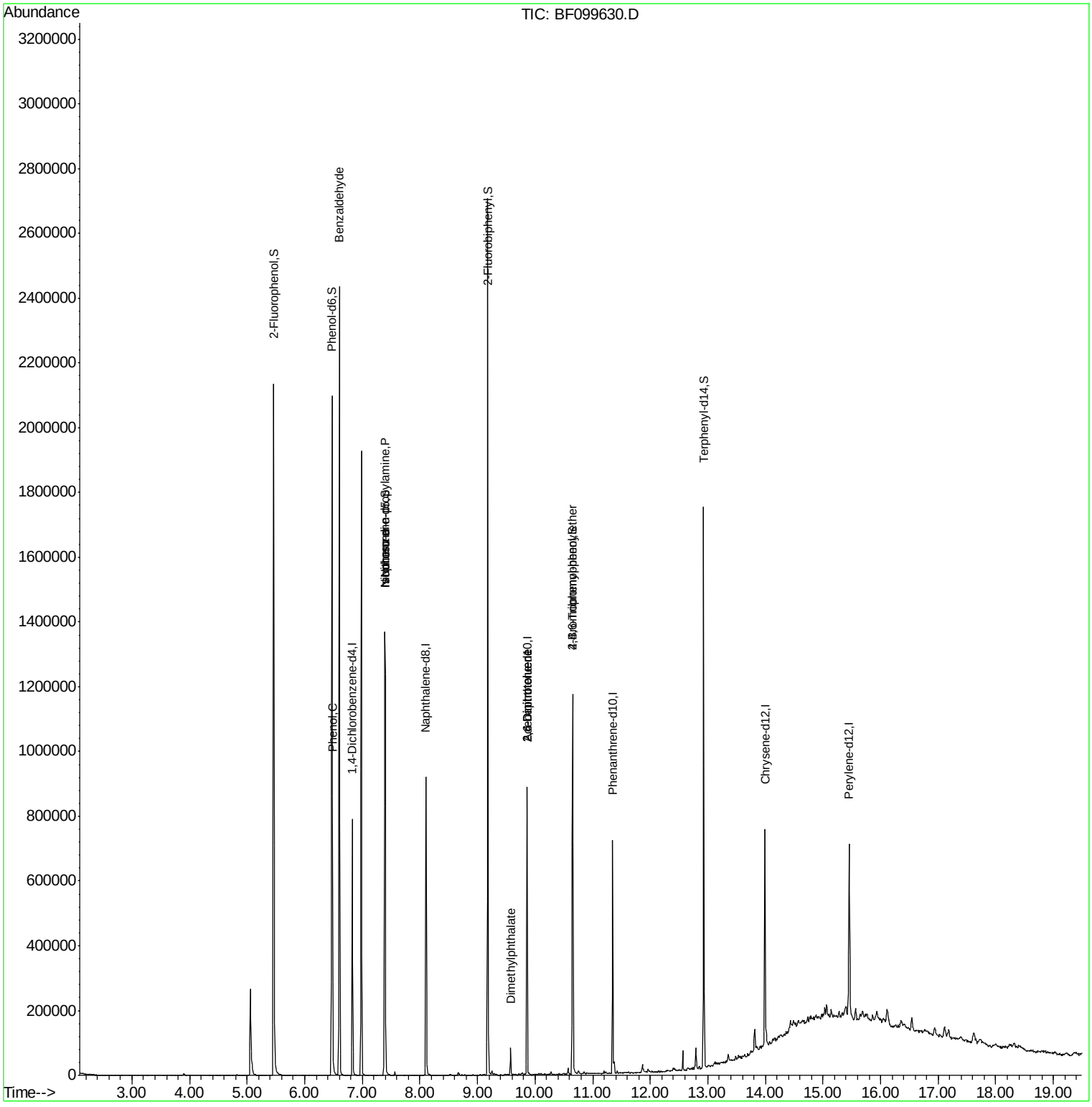
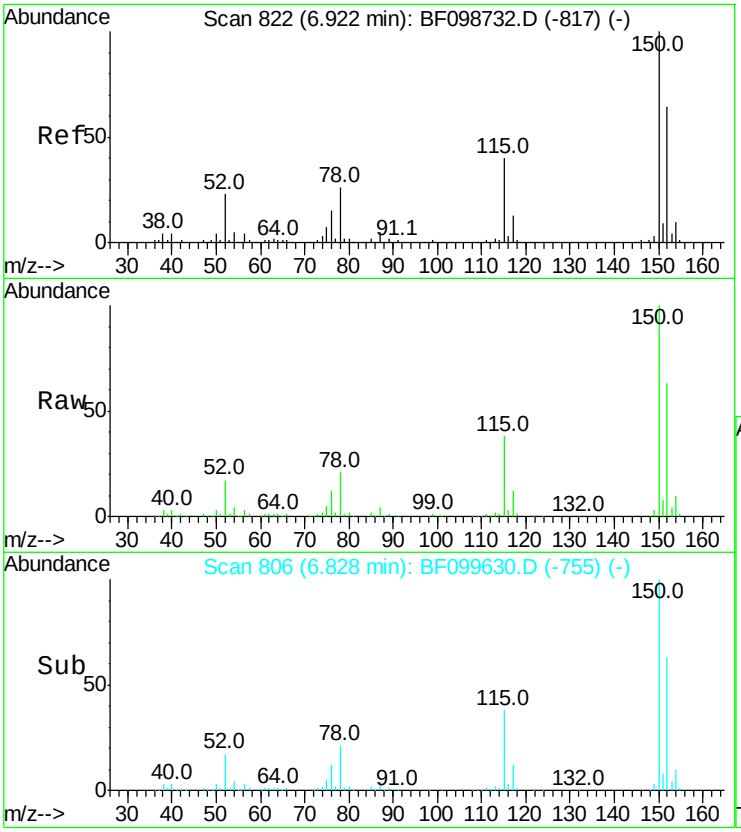


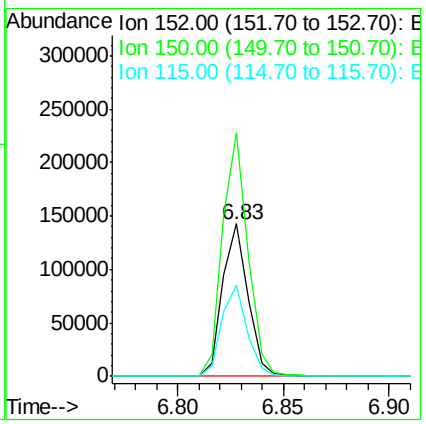


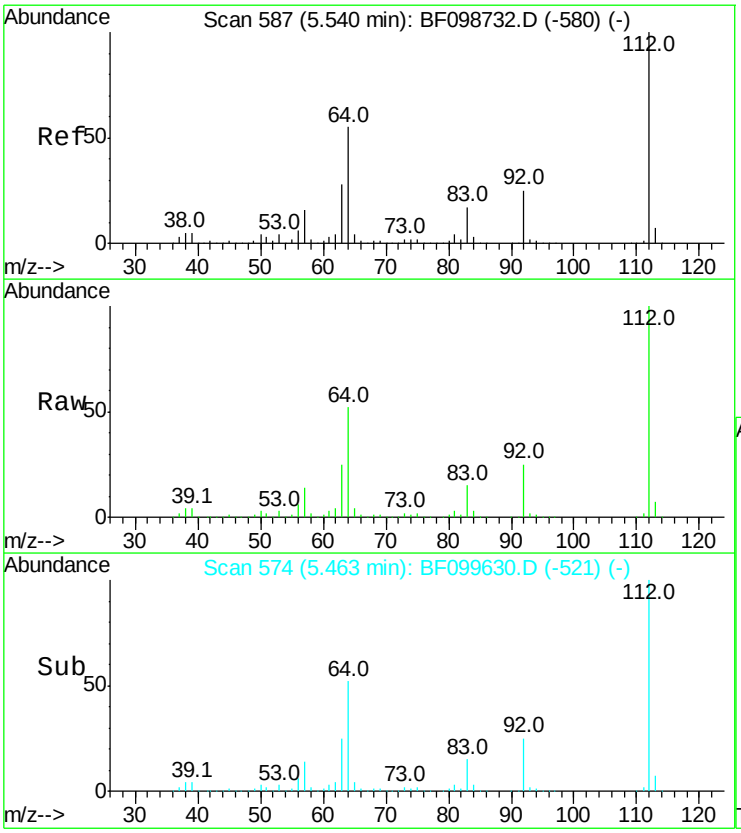
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 119137

Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.6	186.8
115	60.0	50.1	75.1

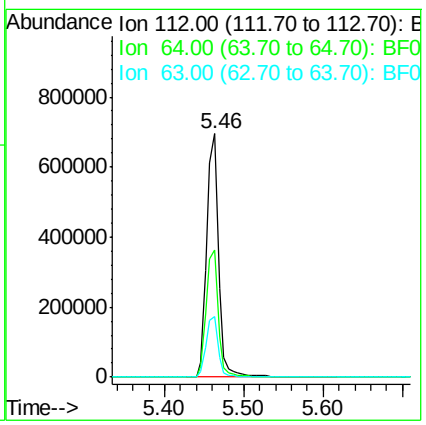


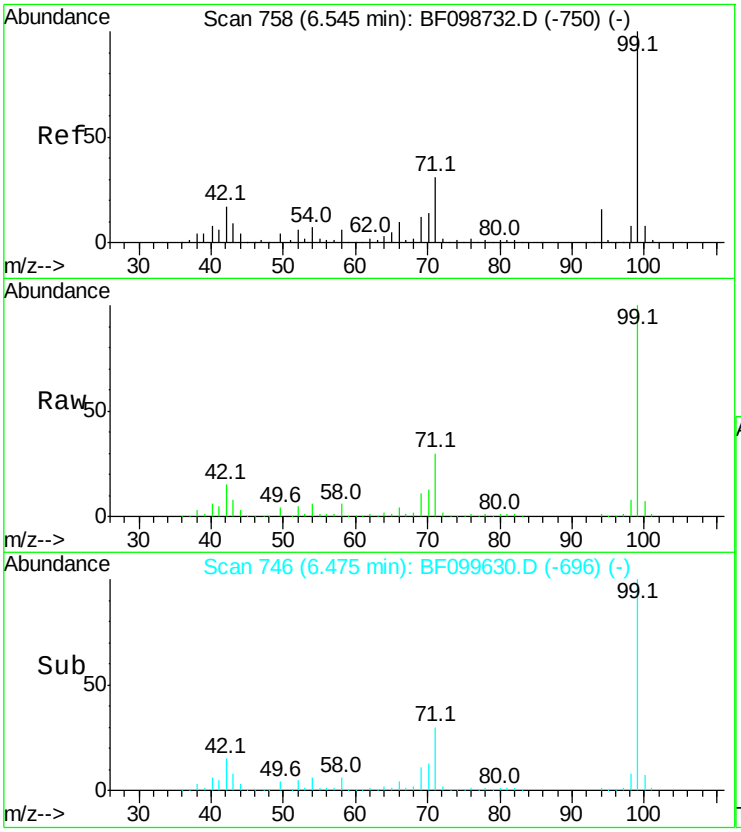


#5
2-Fluorophenol
Concen: 97.309 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

Tgt Ion:112 Resp: 728256

Ion	Ratio	Lower	Upper
112	100		
64	52.0	47.9	71.9
63	25.0	23.7	35.5



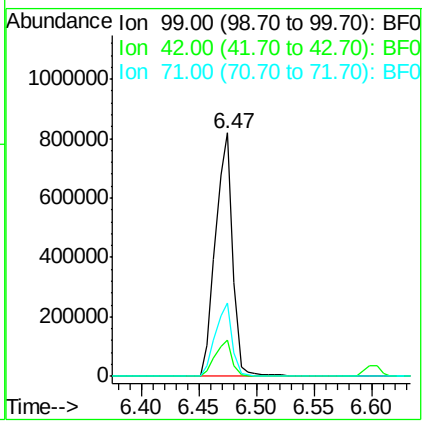


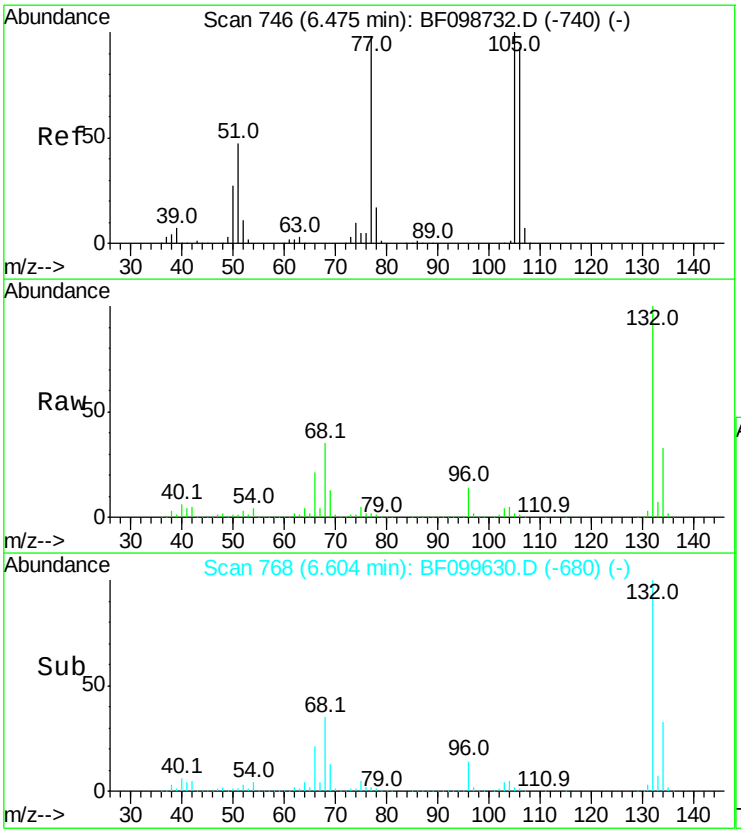
#7
Phenol-d6
Concen: 92.057 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 849894

Ion	Ratio	Lower	Upper
99	100		
42	14.7	14.5	21.7
71	30.3	25.4	38.0

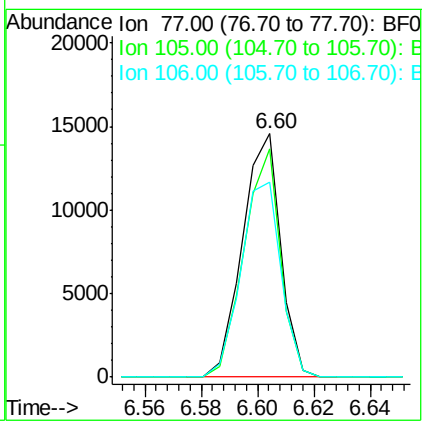


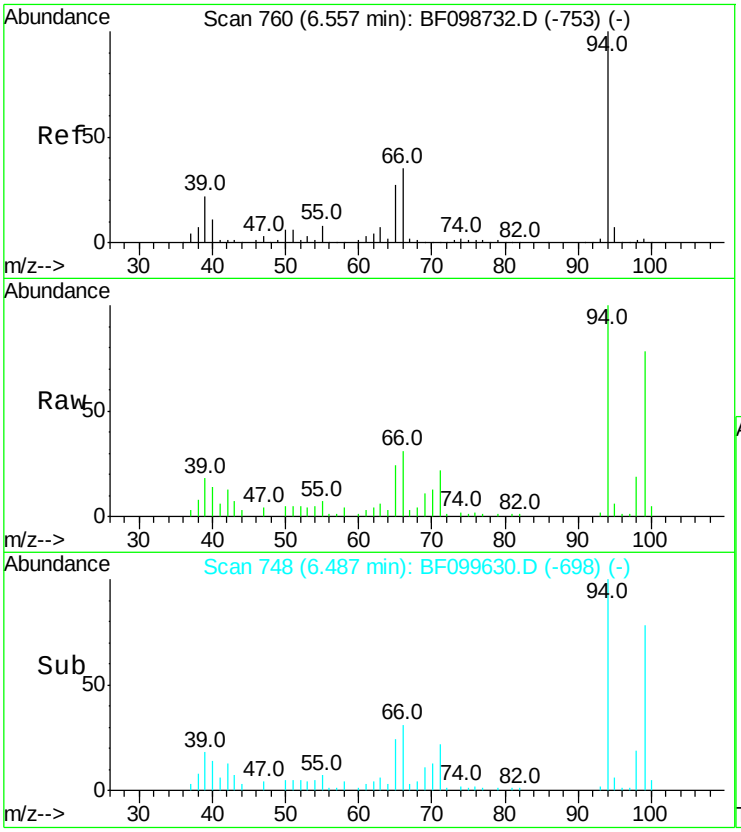


#9
Benzaldehyde
Concen: 2.541 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.22 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

Tgt Ion: 77 Resp: 13610

Ion	Ratio	Lower	Upper
77	100		
105	94.0	81.1	121.1
106	80.0	74.5	114.5



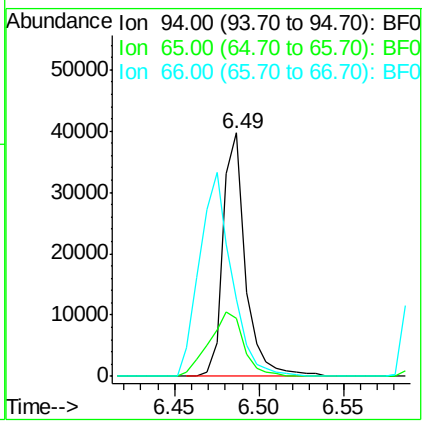


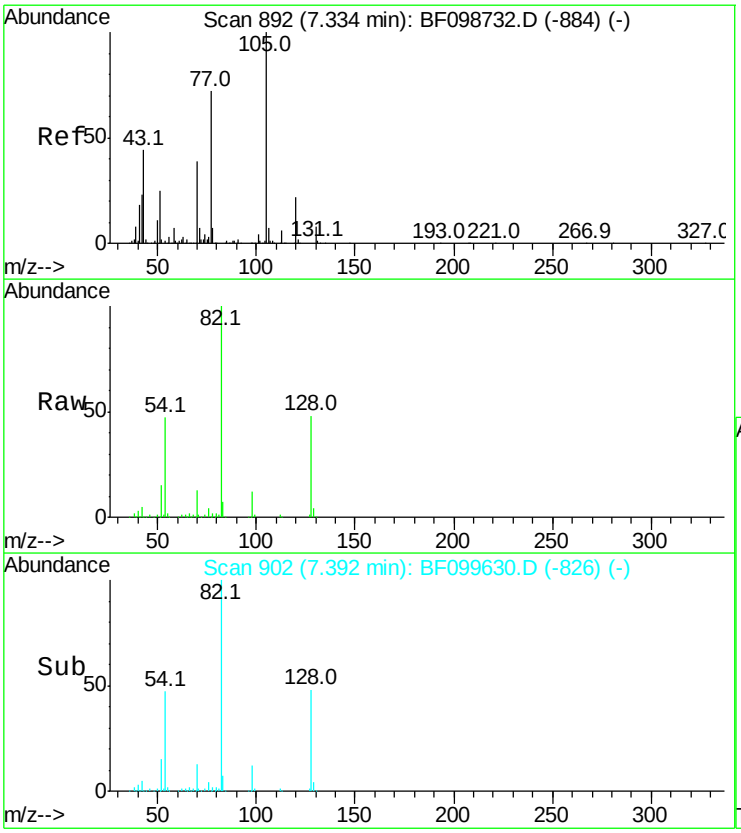
#10
Phenol
Concen: 3.554 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 36696

Ion	Ratio	Lower	Upper
94	100		
65	23.7	7.9	47.9
66	31.5	16.2	56.2

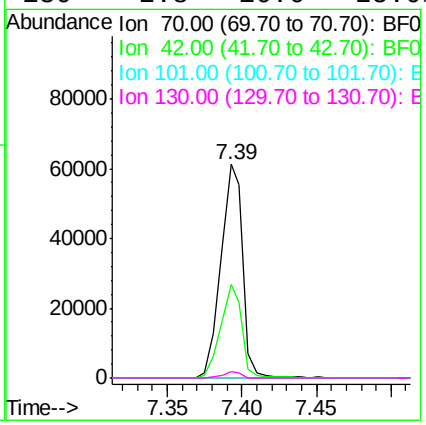


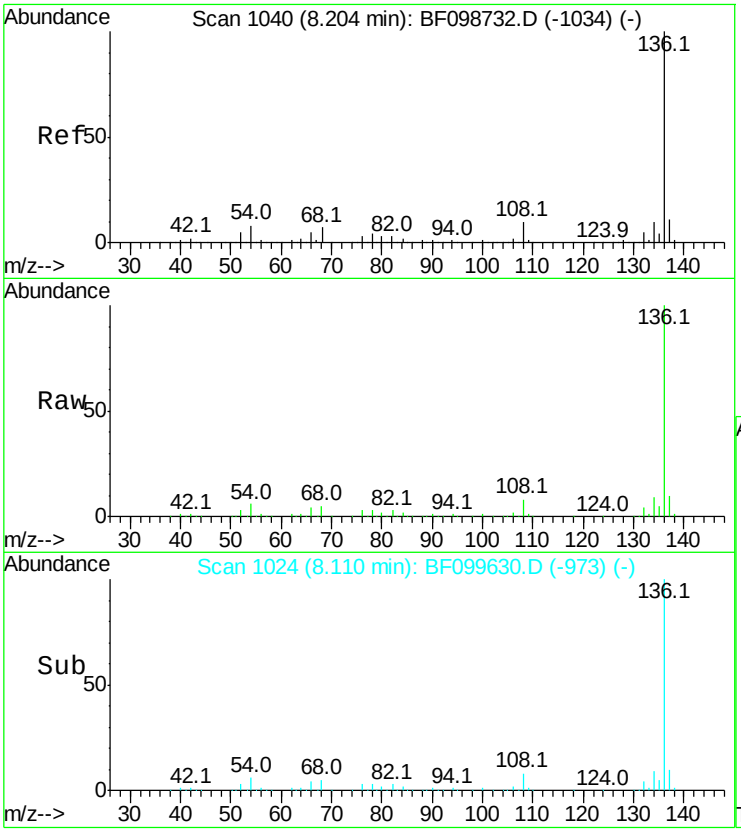


#19
n-Nitroso-di-n-propylamine
Concen: 10.777 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.15 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

Tgt Ion: 70 Resp: 63526

Ion	Ratio	Lower	Upper
70	100		
42	43.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.8	16.6	25.0#



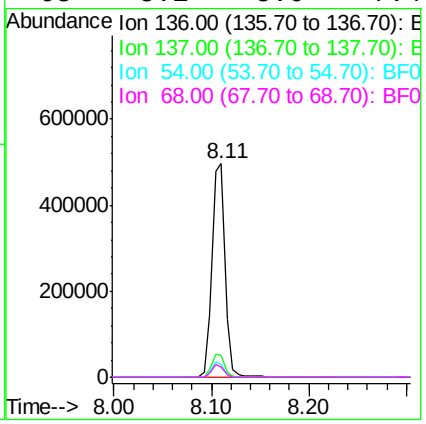


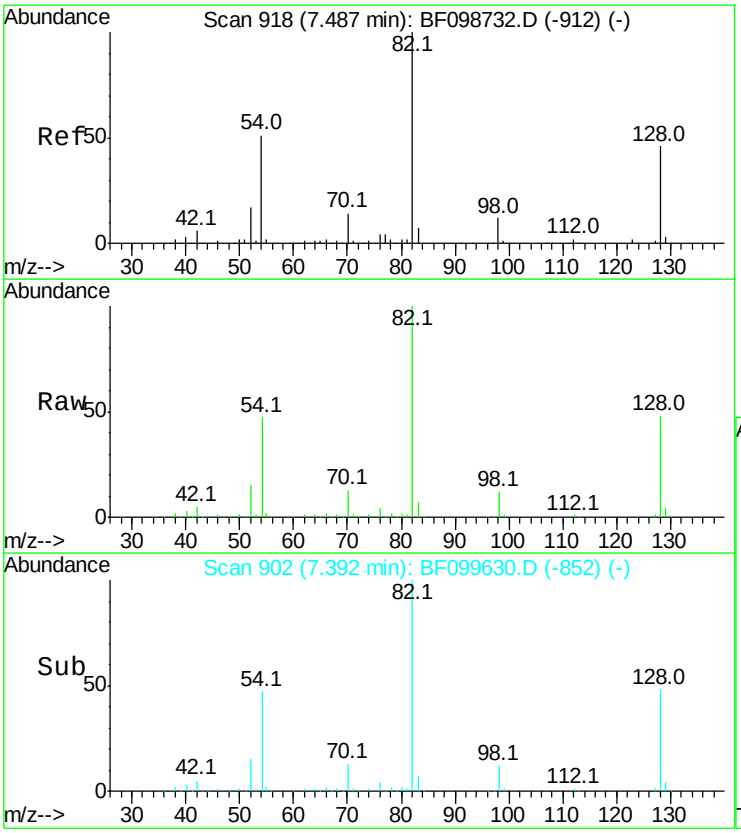
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 463214

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	6.2	6.6	9.8#
68	5.1	5.0	7.4

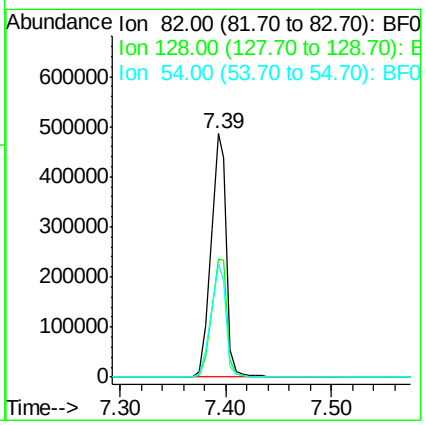


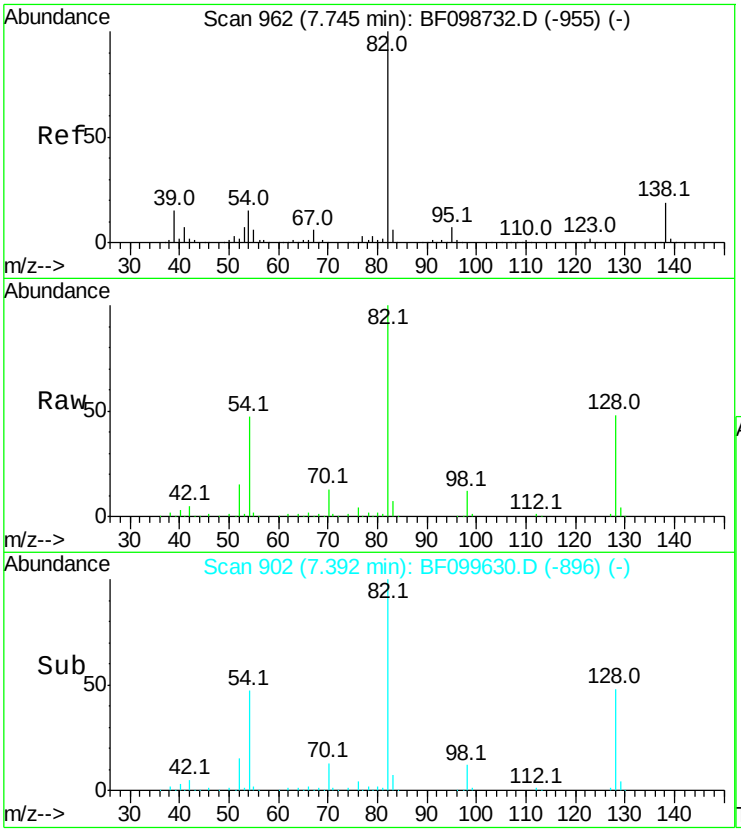


#23
Nitrobenzene-d5
Concen: 69.680 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

Tgt Ion: 82 Resp: 503298

Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.1	54.1
54	46.7	41.4	62.2



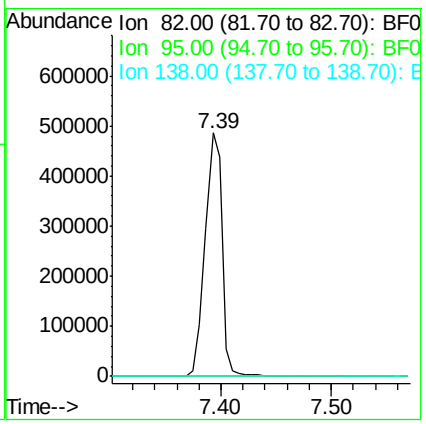


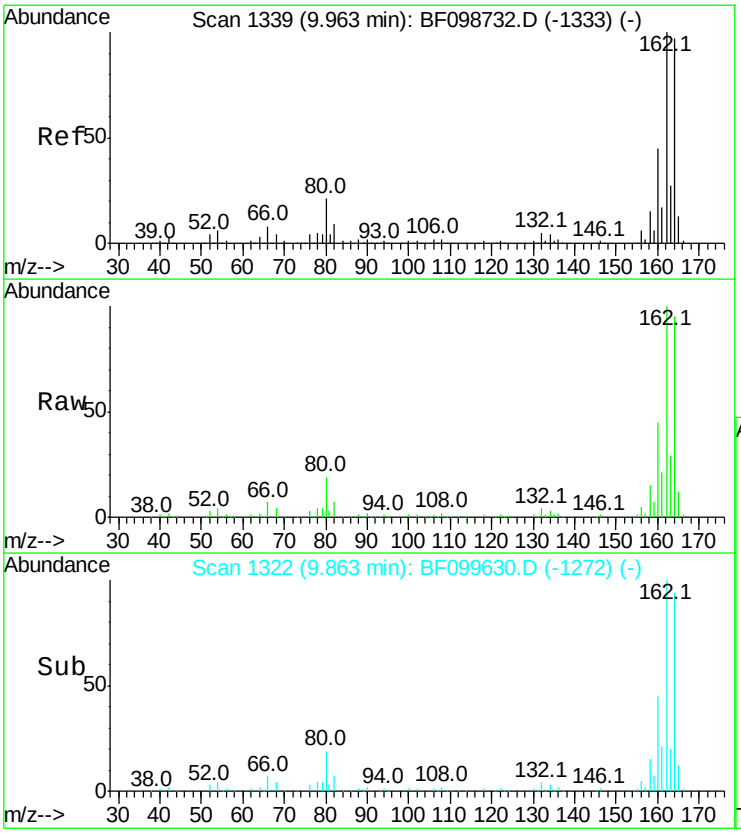
#25
Isophorone
Concen: 33.702 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.26 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 503292

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

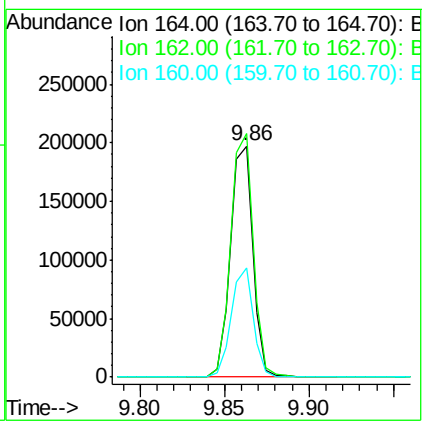


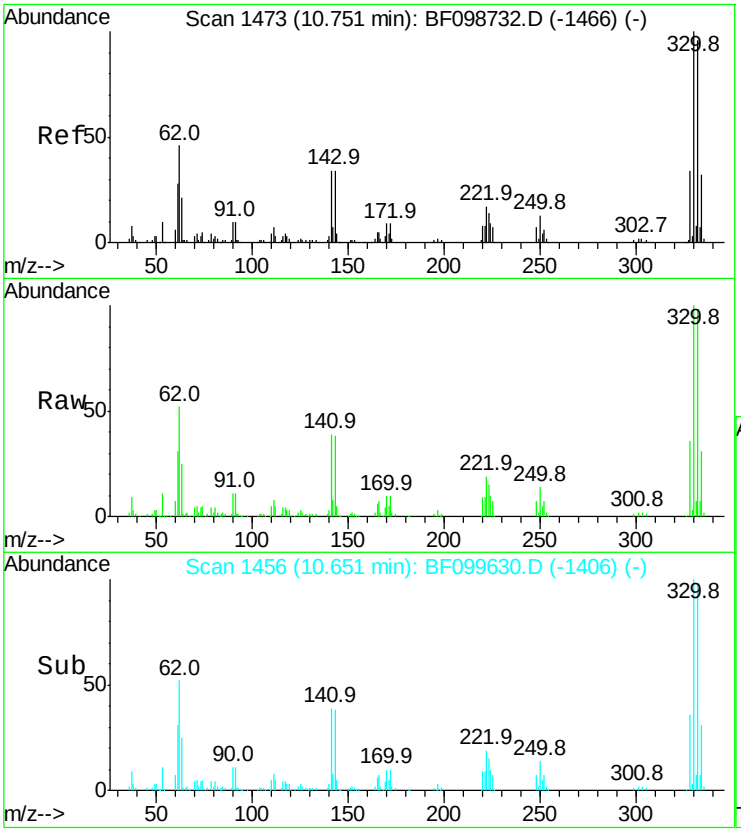


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

Tgt Ion:164 Resp: 181144

Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	47.1	38.3	57.5



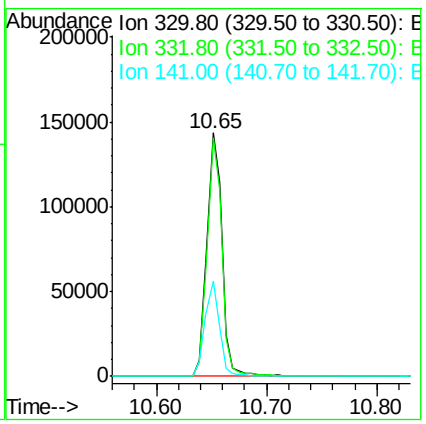


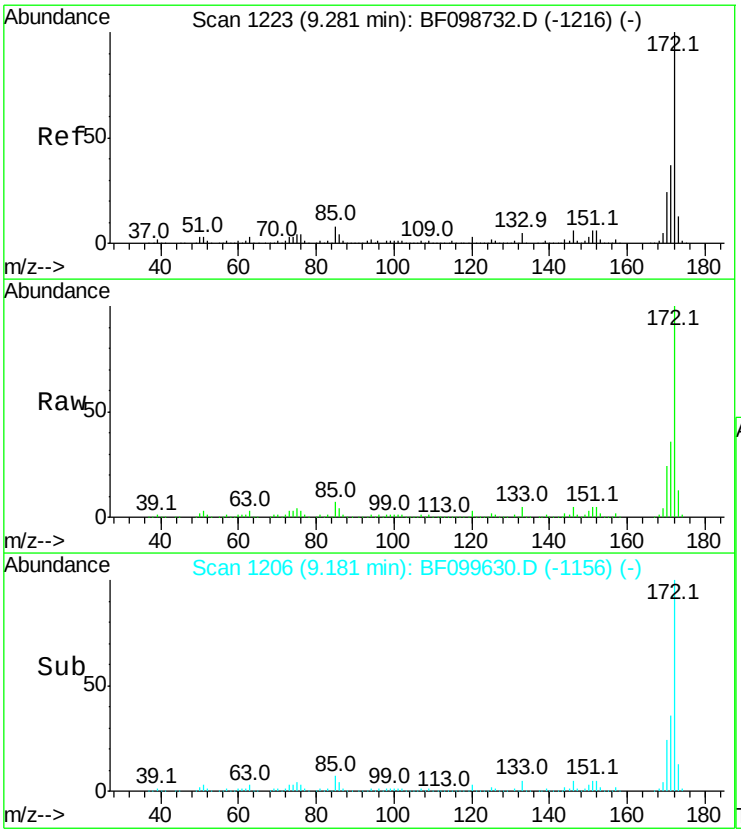
#41
2,4,6-Tribromophenol
Concen: 89.330 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 132410

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	37.6	29.9	44.9

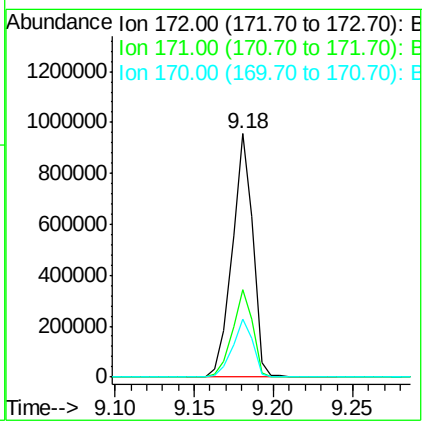


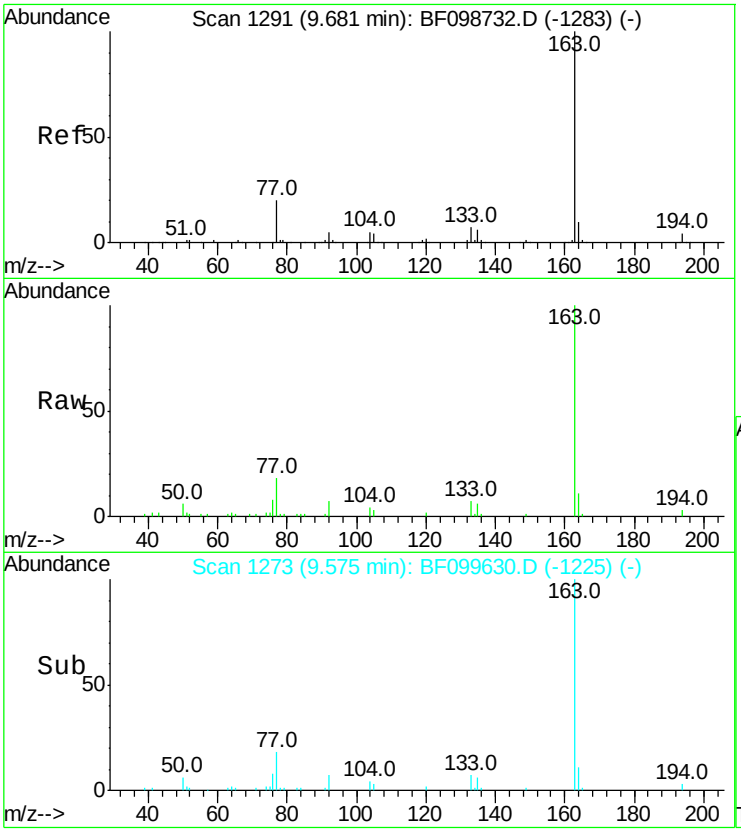


#44
2-Fluorobiphenyl
Concen: 79.302 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

Tgt Ion:172 Resp: 860488

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.8	19.6	29.4



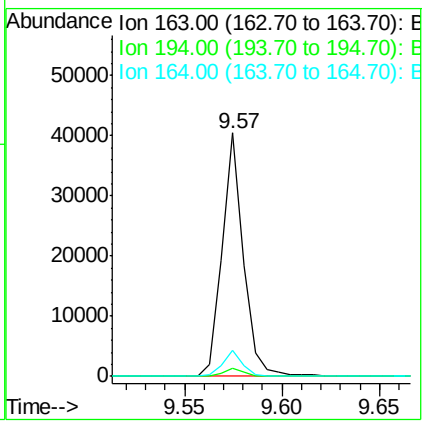


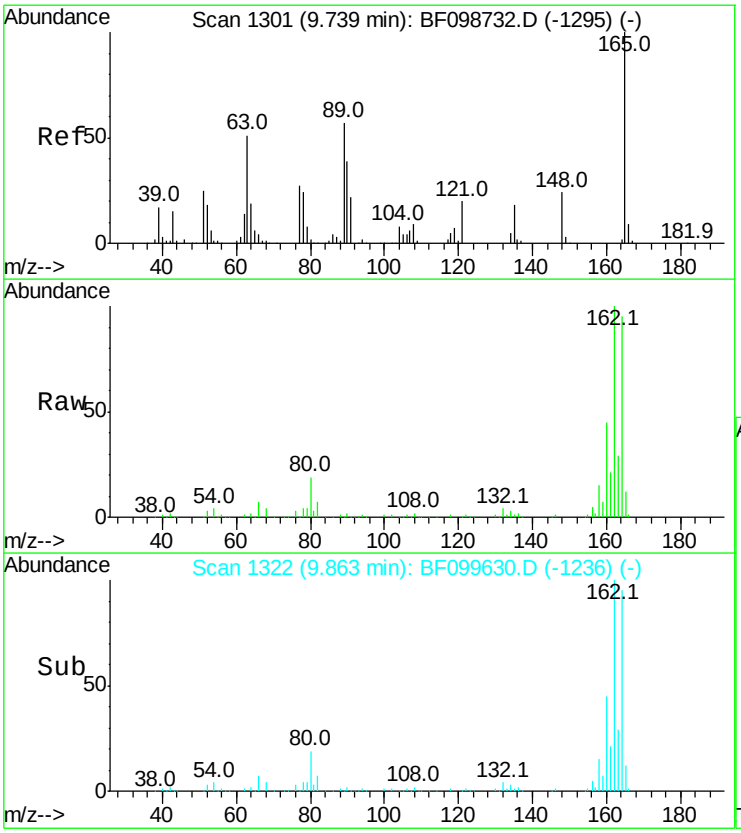
#49
Dimethylphthalate
Concen: 2.245 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 30697

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.9	8.2	12.2

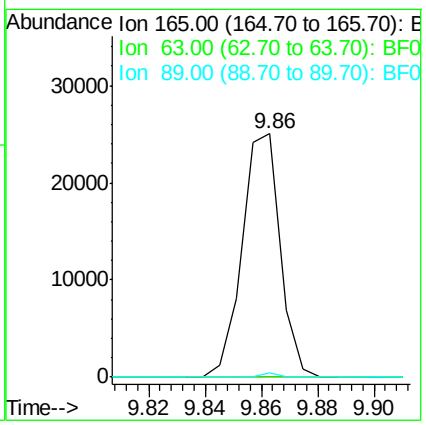


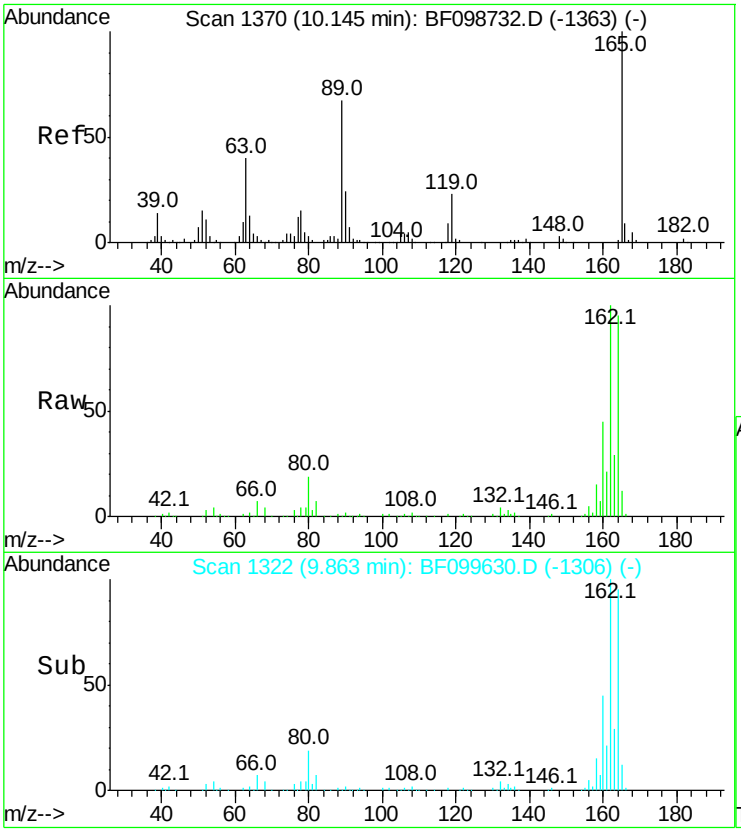


#50
2,6-Dinitrotoluene
Concen: 7.841 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.21 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

Tgt Ion:165 Resp: 23338

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.8	44.0	66.0#



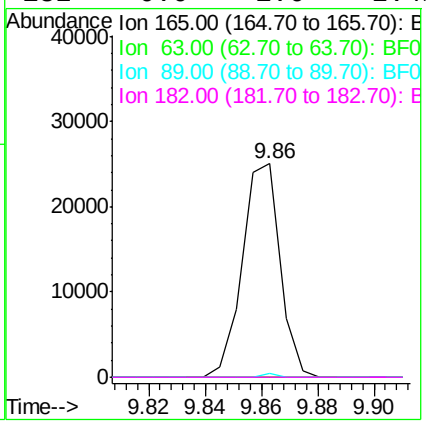


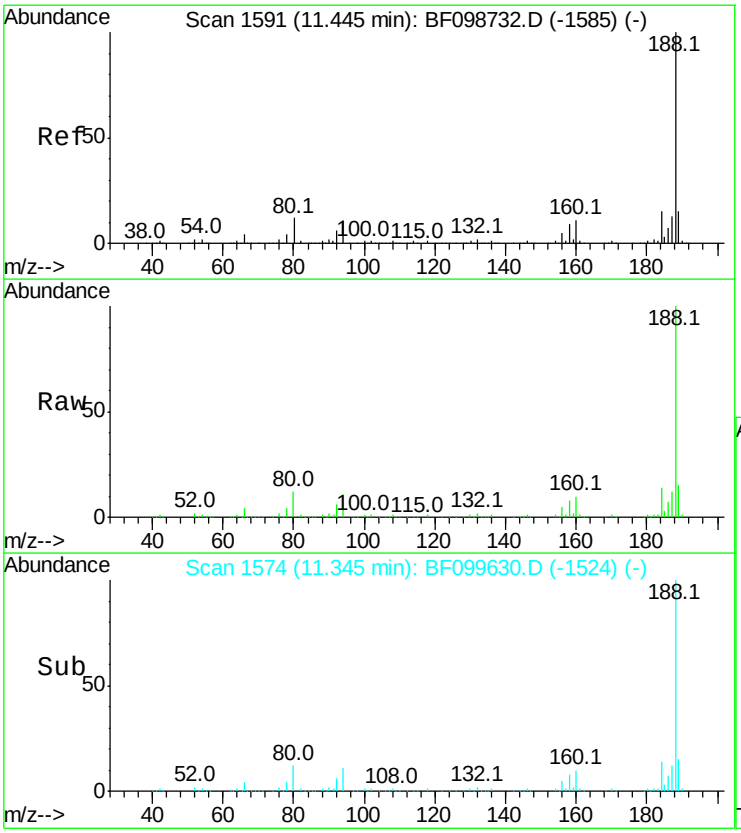
#56
2,4-Dinitrotoluene
Concen: 6.042 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.21 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 23338

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

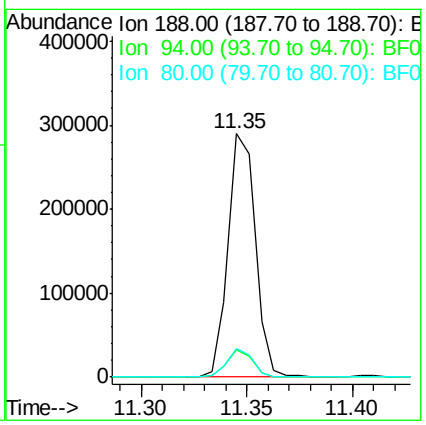


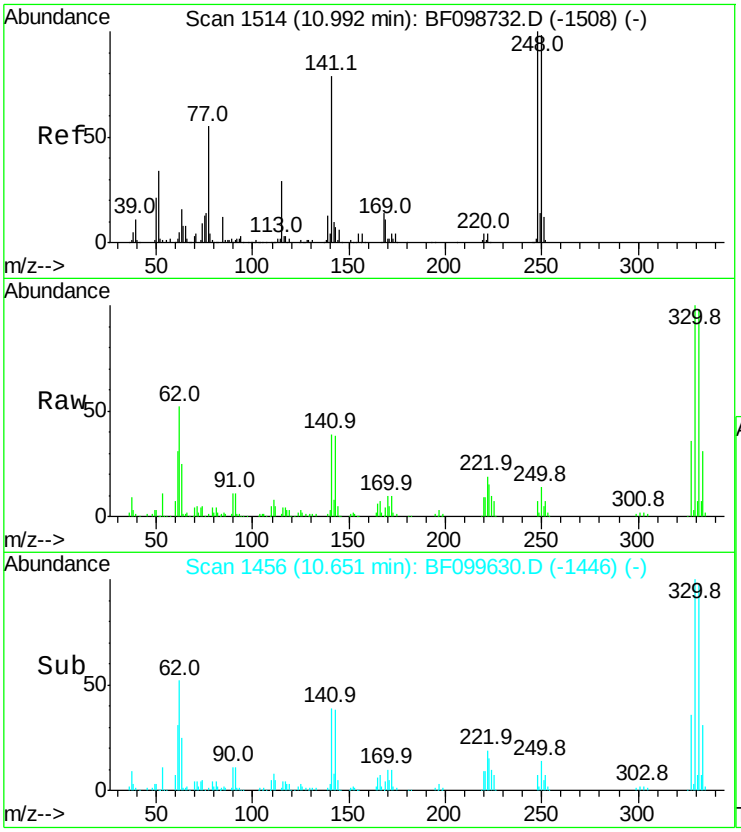


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

Tgt Ion:188 Resp: 257972

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	11.8	9.2	13.8



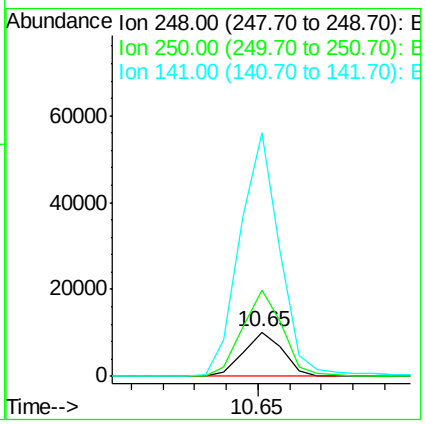


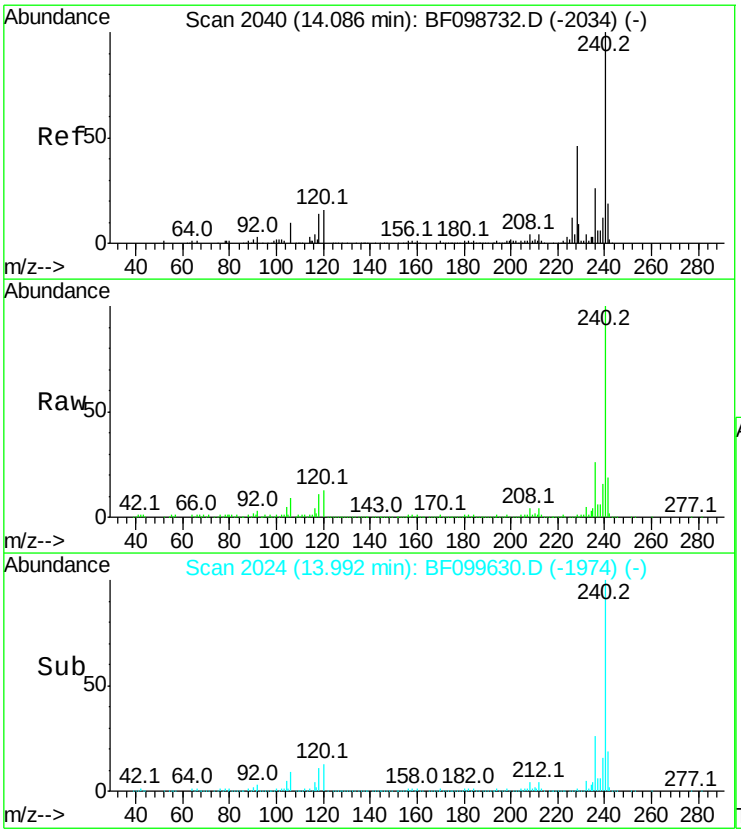
#66
4-Bromophenyl-phenylether
Concen: 3.447 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.24 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8703

Ion	Ratio	Lower	Upper
248	100		
250	195.2	76.9	115.3#
141	552.0	74.4	111.6#

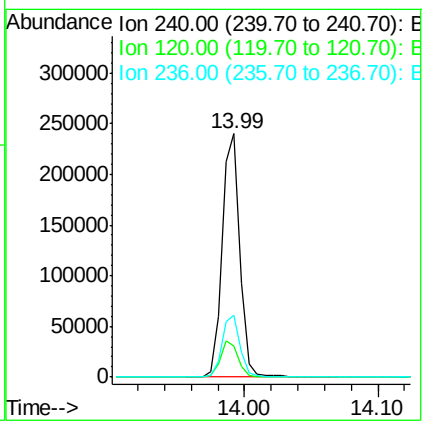


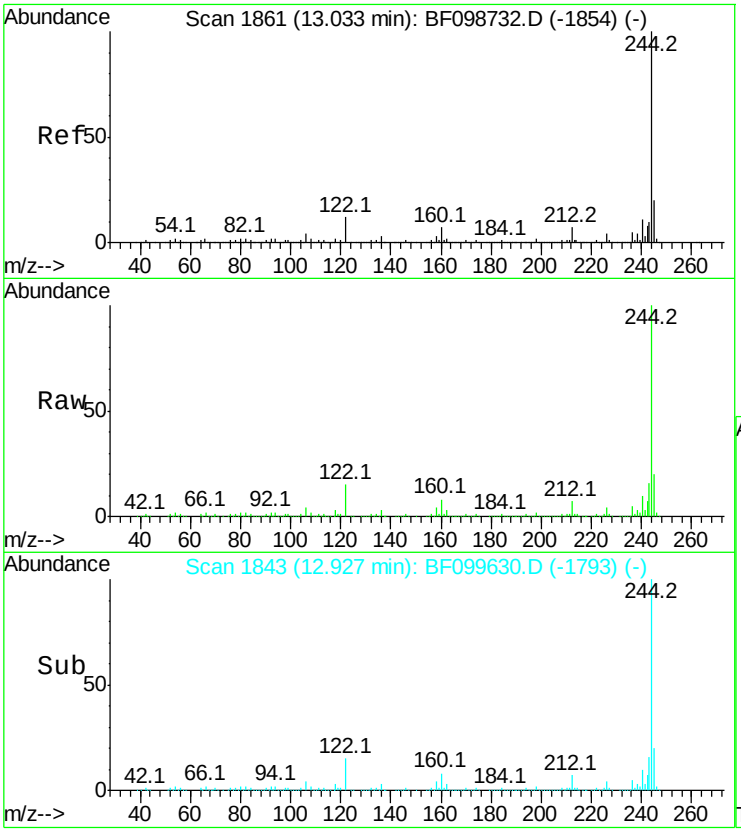


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

Tgt Ion:240 Resp: 225033

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	25.6	20.7	31.1



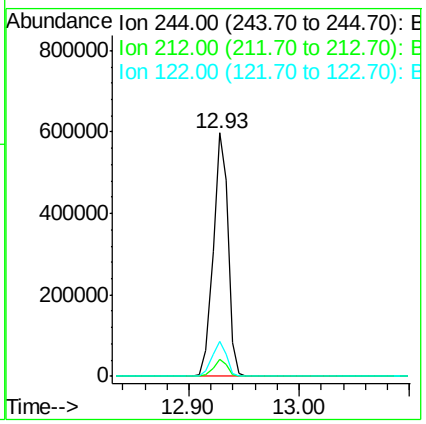


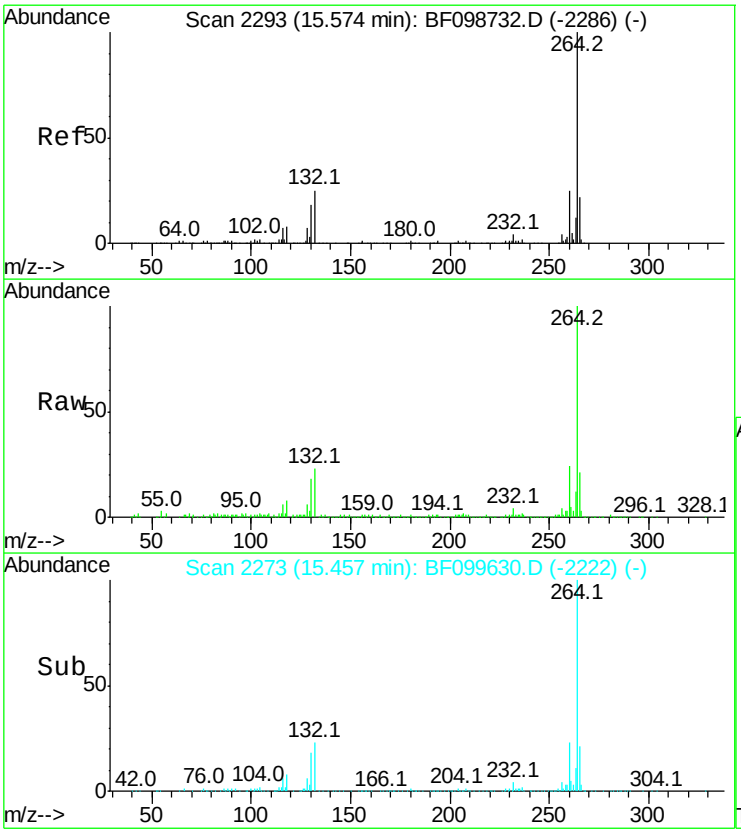
#78
Terphenyl-d14
Concen: 55.407 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 548259

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF099630.D
Acq: 18 Oct 2017 21:14

Tgt Ion:264 Resp: 227757

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	17.5	26.3