Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
Data File : BF099698.D
Acq On : 20 Oct 2017 14:01
Operator : SJ/JU
Sample : I5922-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 20 17:55:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 20 13:11:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	92416	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	392357	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	167899	20.00	ng		-0.01
63) Phenanthrene-d10	11.33	188	253312	20.00	ng		-0.01
75) Chrysene-d12	13.97	240	152780	20.00	ng		-0.01
86) Perylene-d12	15.44	264	168408	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	504115	86.84	ng		0.00
7) Phenol-d6	6.46	99	597835	83.48	ng		0.00
23) Nitrobenzene-d5	7.38	82	335363	54.81	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	111895	81.45	ng		-0.01
44) 2-Fluorobiphenyl	9.17	172	611036	60.76	ng		0.00
78) Terphenyl-d14	12.92	244	339482	50.53	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.59	77	9563	2.302	ng		88
10) Phenol	6.47	94	26269	3.280	ng		97
19) n-Nitroso-di-n-propylamine	7.38	70	41597	9.097	ng	#	71
25) Isophorone	7.38	82	335363	26.512	ng	#	64
49) Dimethylphthalate	9.56	163	88589	6.991	ng		99
56) 2,4-Dinitrotoluene	9.85	165	21908	6.119	ng	#	21
62) Azobenzene	10.56	77	54645	4.800	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	7769	3.133	ng	#	1

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

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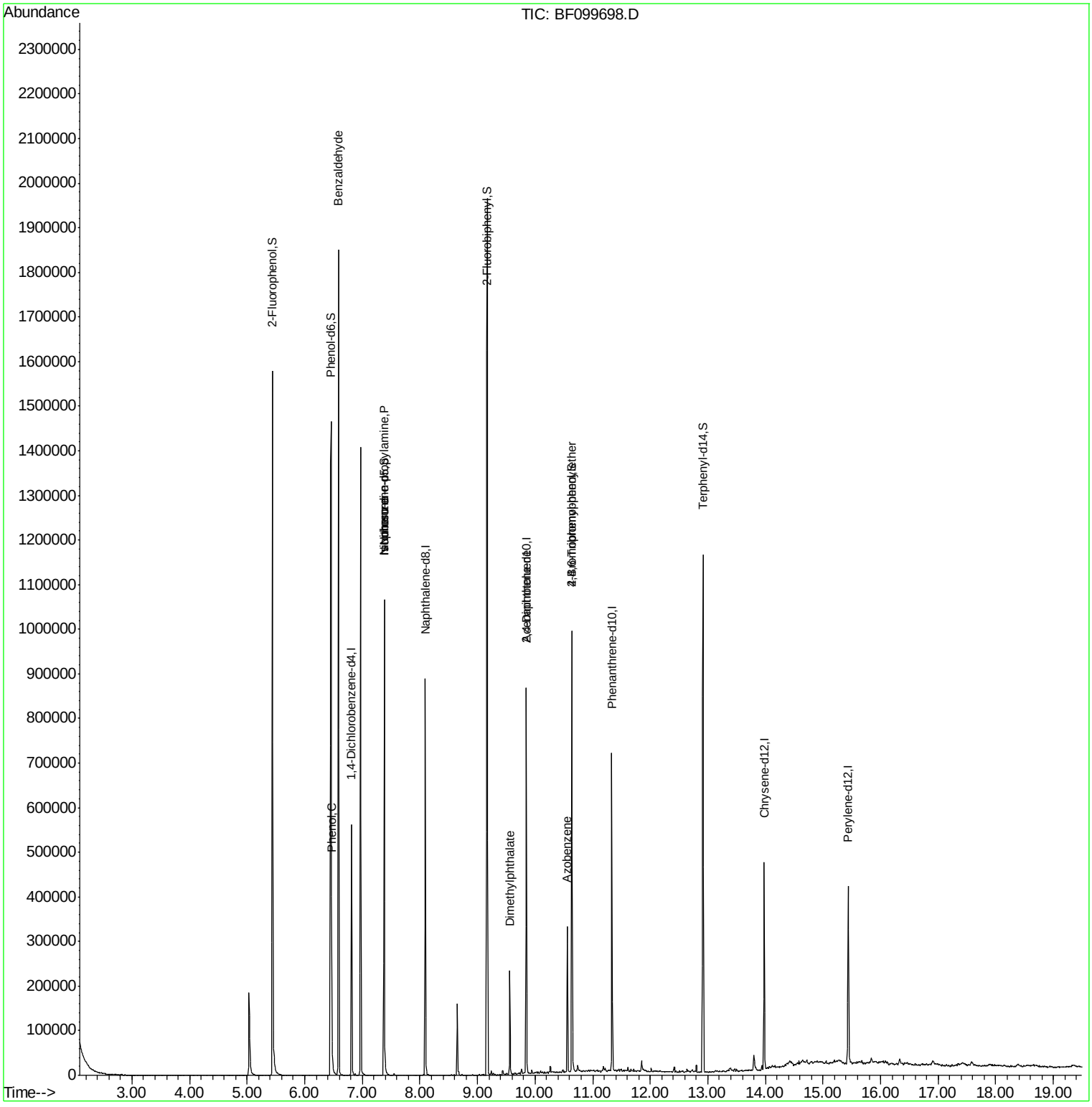
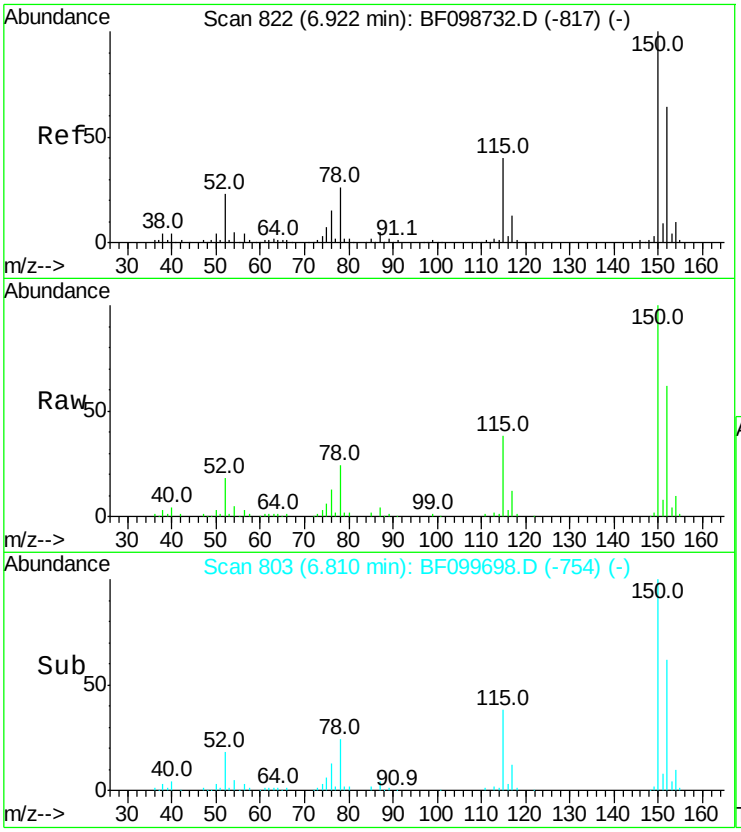


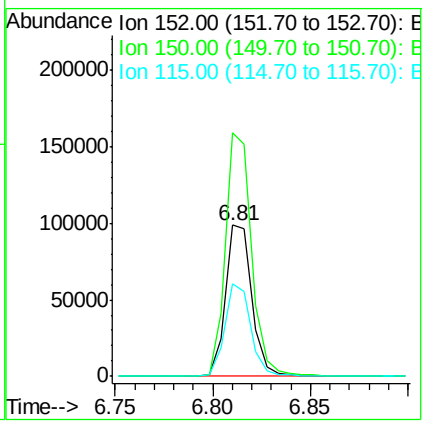


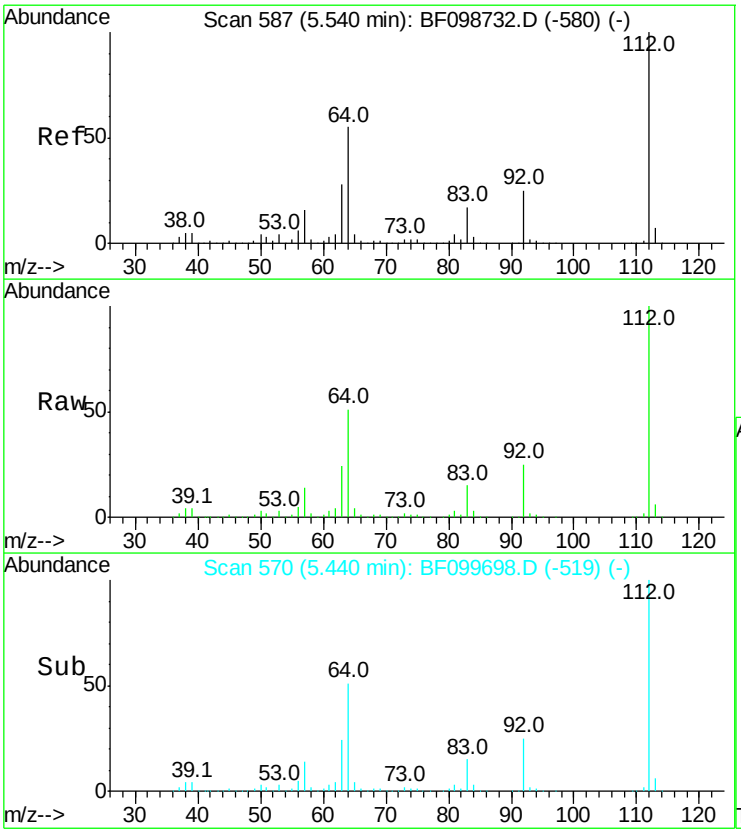
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF099698.D
Acq: 20 Oct 2017 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 92416

Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.6	186.8
115	61.6	50.1	75.1

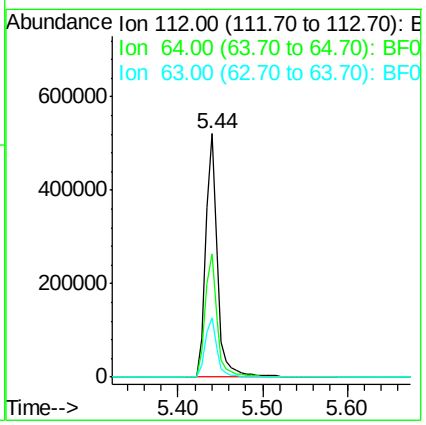


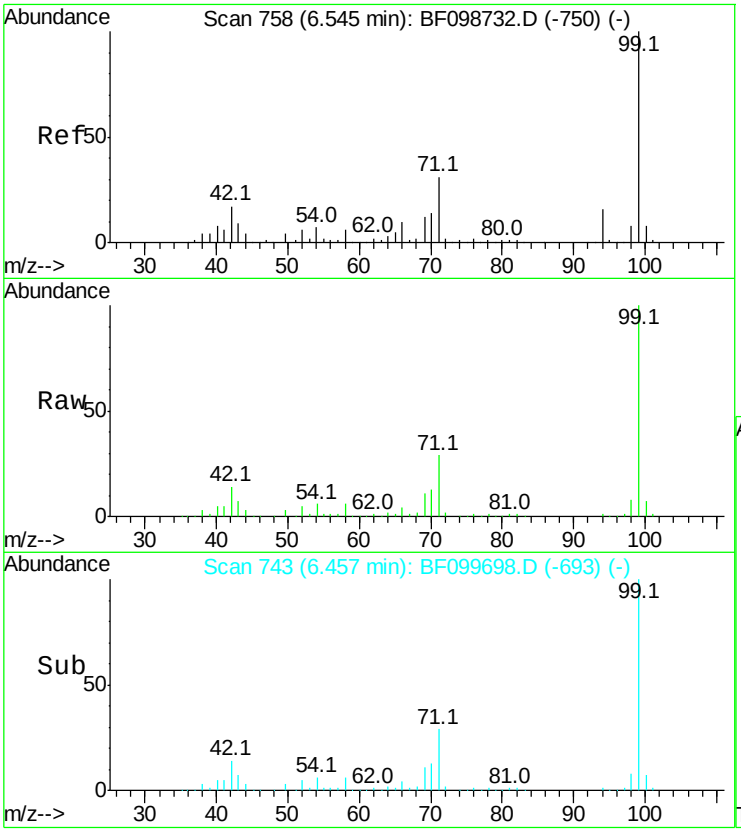


#5
2-Fluorophenol
Concen: 86.836 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF099698.D
Acq: 20 Oct 2017 14:01

Tgt Ion:112 Resp: 504115

Ion	Ratio	Lower	Upper
112	100		
64	50.7	47.9	71.9
63	24.4	23.7	35.5



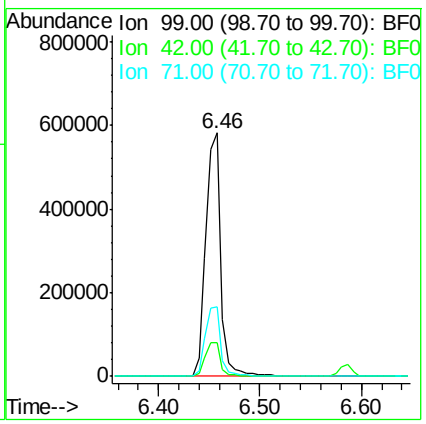


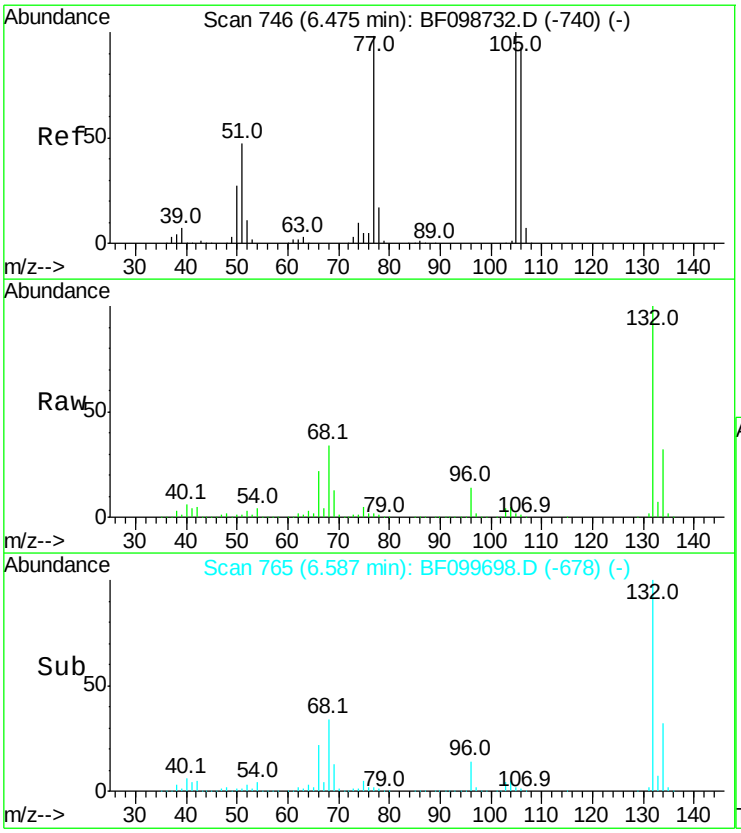
#7
Phenol-d6
Concen: 83.478 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF099698.D
Acq: 20 Oct 2017 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 597835

Ion	Ratio	Lower	Upper
99	100		
42	13.9	14.5	21.7#
71	28.7	25.4	38.0

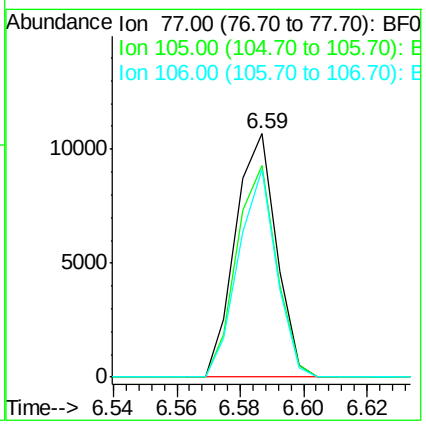


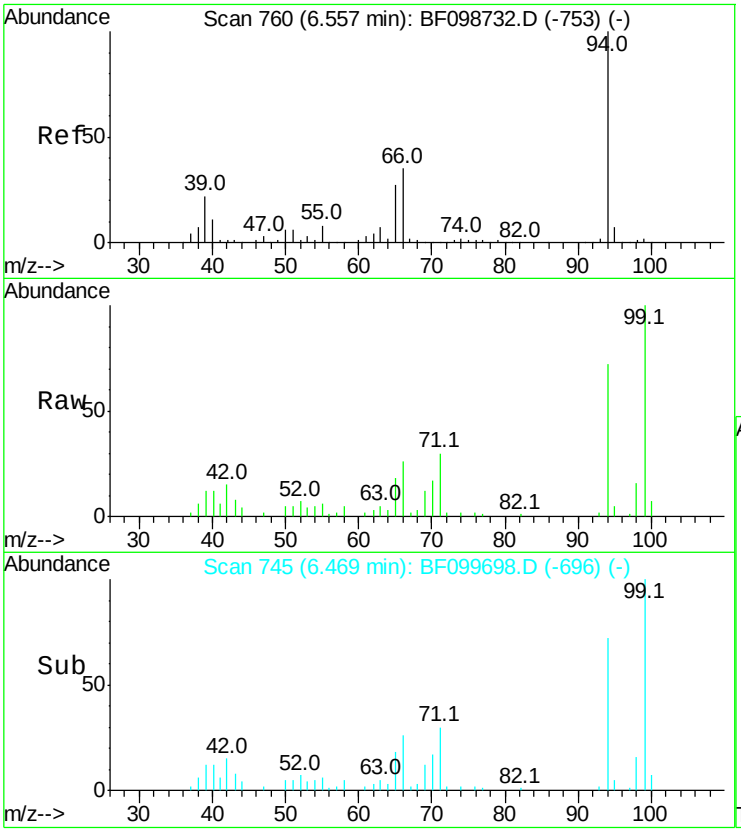


#9
Benzaldehyde
Concen: 2.302 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.21 min
Lab File: BF099698.D
Acq: 20 Oct 2017 14:01

Tgt Ion: 77 Resp: 9563

Ion	Ratio	Lower	Upper
77	100		
105	86.7	81.1	121.1
106	85.5	74.5	114.5



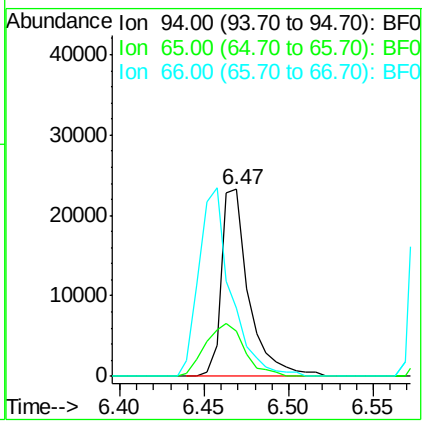


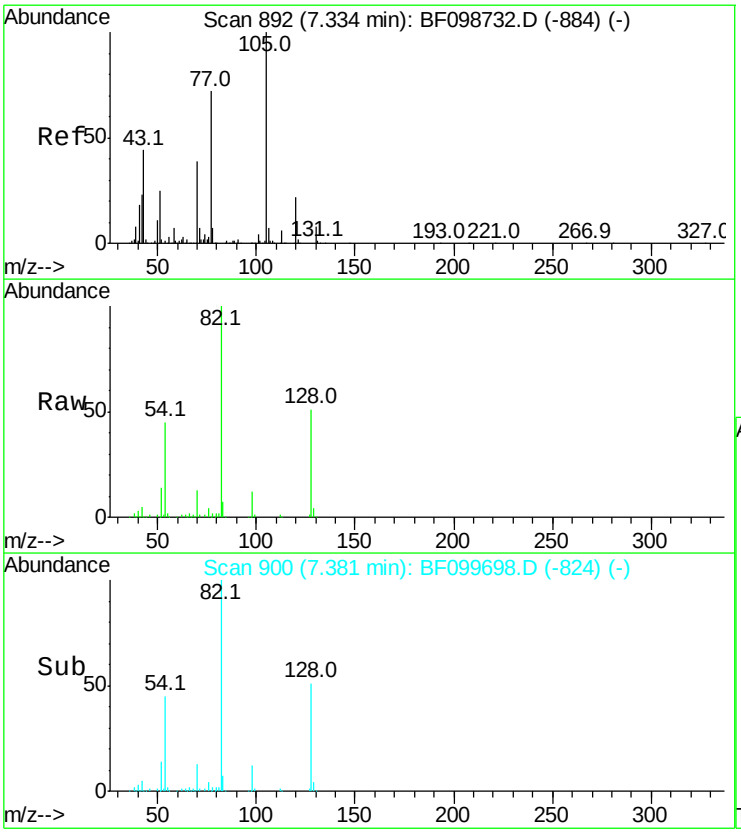
#10
Phenol
Concen: 3.280 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF099698.D
Acq: 20 Oct 2017 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 26269

Ion	Ratio	Lower	Upper
94	100		
65	24.3	7.9	47.9
66	36.3	16.2	56.2

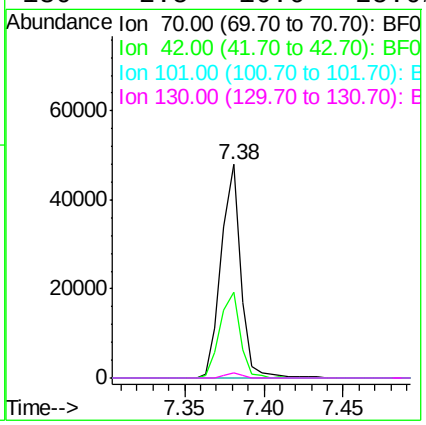


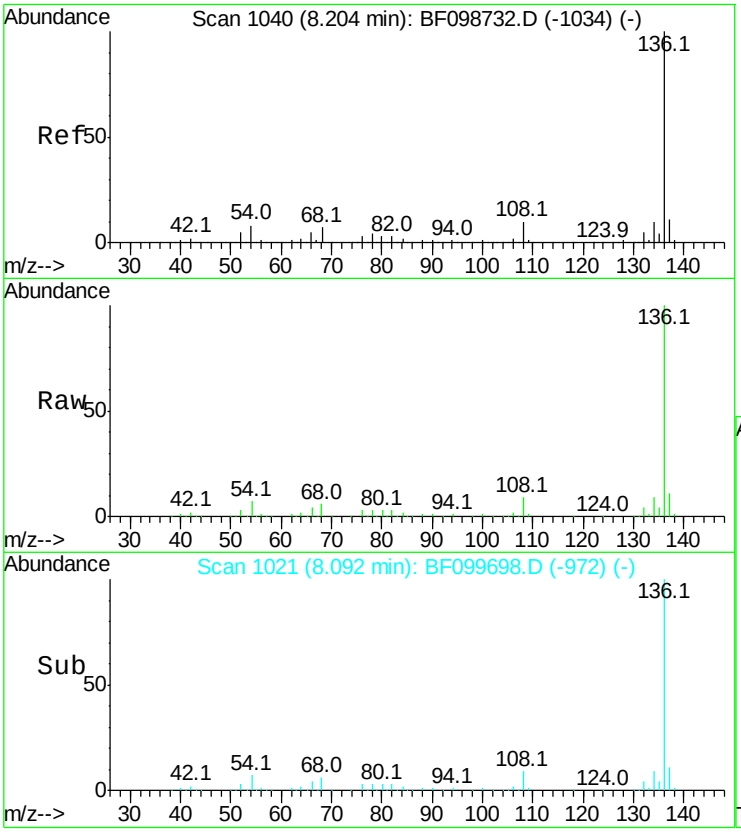


#19
n-Nitroso-di-n-propylamine
Concen: 9.097 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.15 min
Lab File: BF099698.D
Acq: 20 Oct 2017 14:01

Tgt Ion: 70 Resp: 41597

Ion	Ratio	Lower	Upper
70	100		
42	40.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



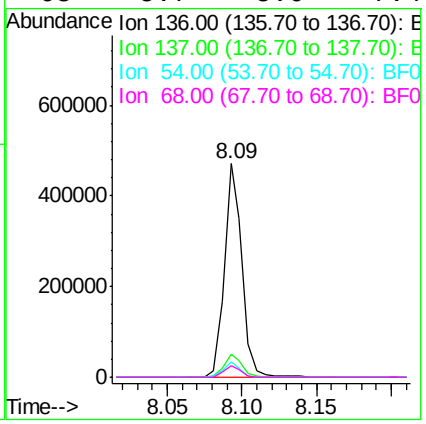


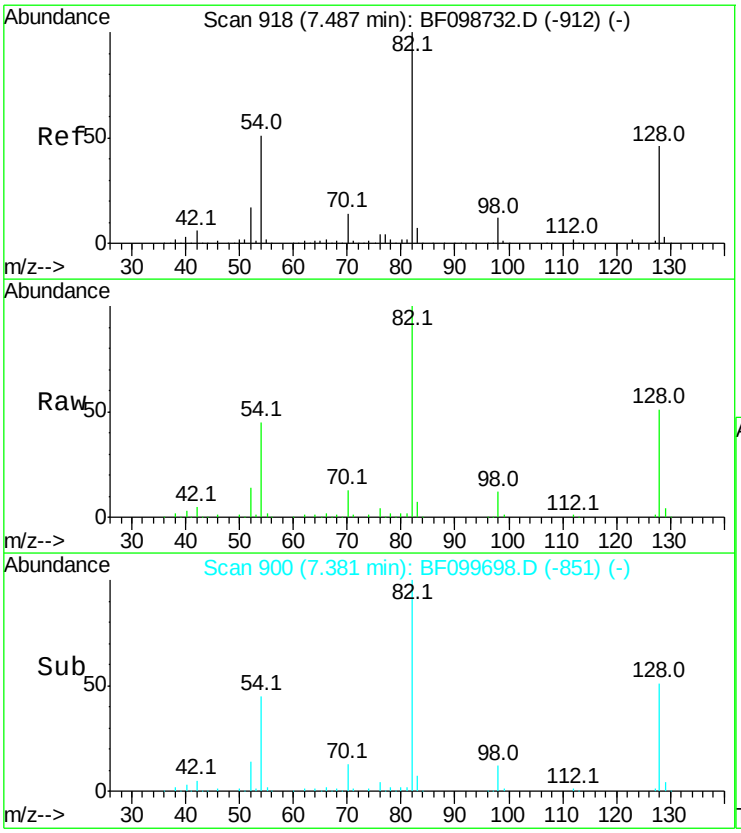
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099698.D
Acq: 20 Oct 2017 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 392357

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.0	6.6	9.8
68	5.7	5.0	7.4

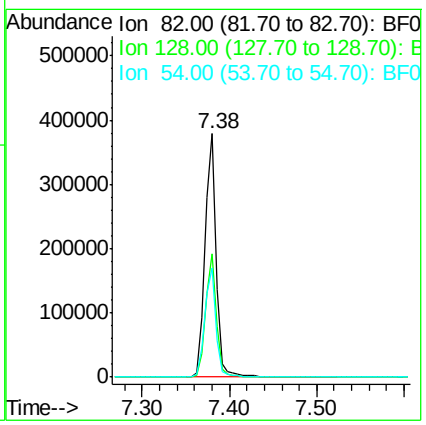


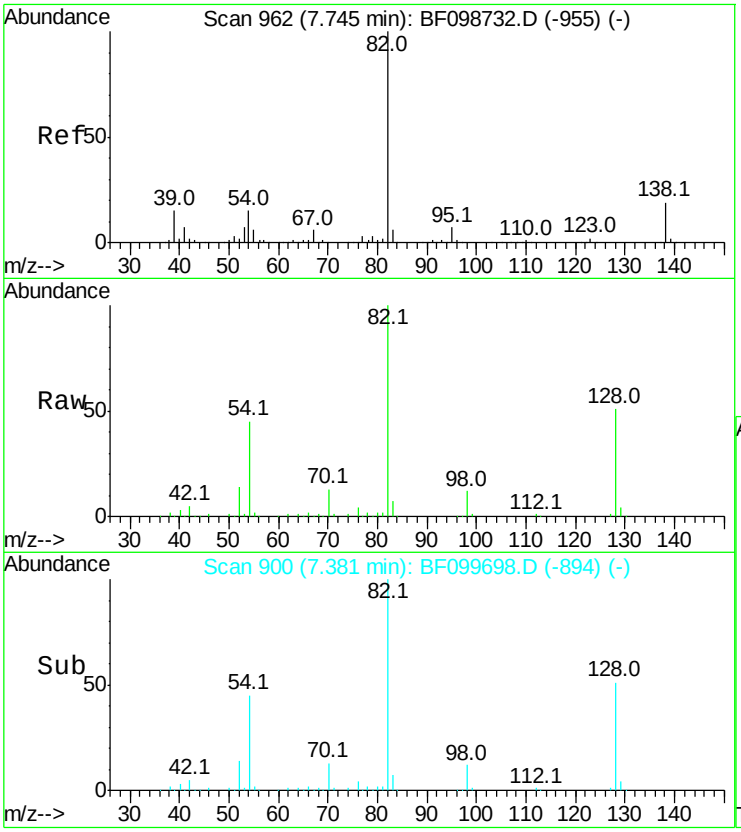


#23
Nitrobenzene-d5
Concen: 54.815 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF099698.D
Acq: 20 Oct 2017 14:01

Tgt Ion: 82 Resp: 335363

Ion	Ratio	Lower	Upper
82	100		
128	50.7	36.1	54.1
54	44.6	41.4	62.2



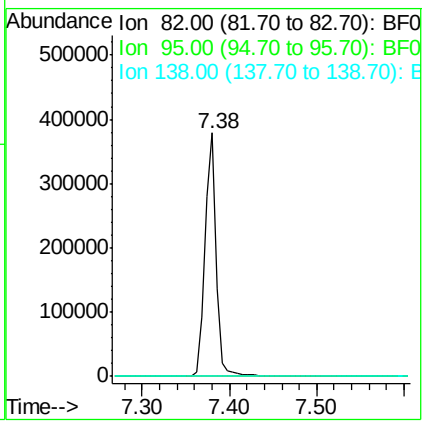


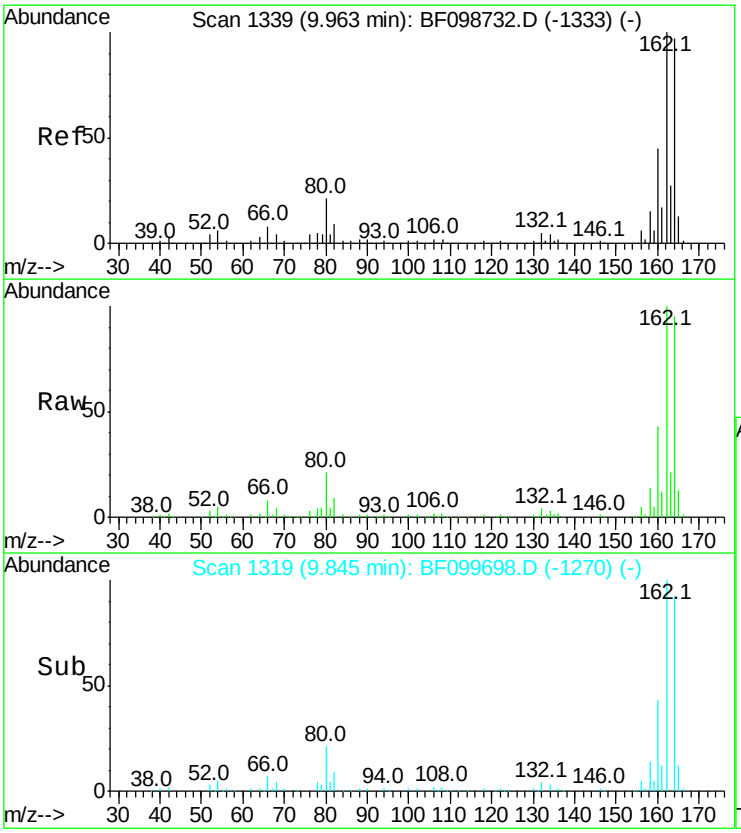
#25
Isophorone
Concen: 26.512 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF099698.D
Acq: 20 Oct 2017 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 335363

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

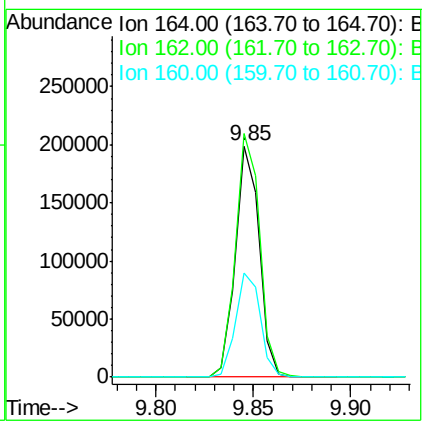


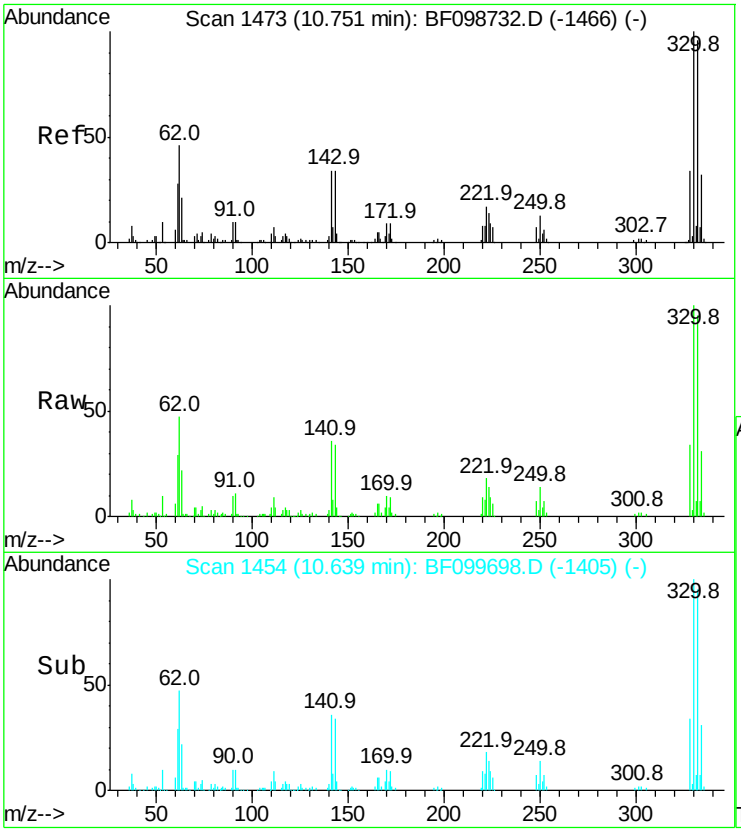


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF099698.D
Acq: 20 Oct 2017 14:01

Tgt Ion:164 Resp: 167899

Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	45.1	38.3	57.5



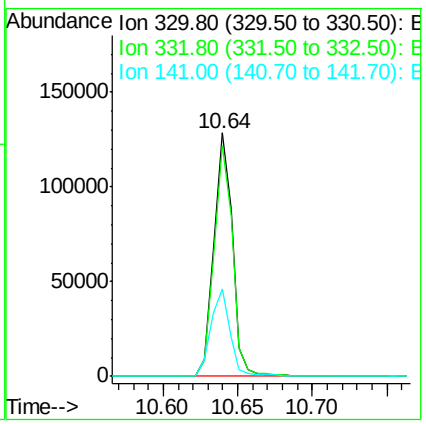


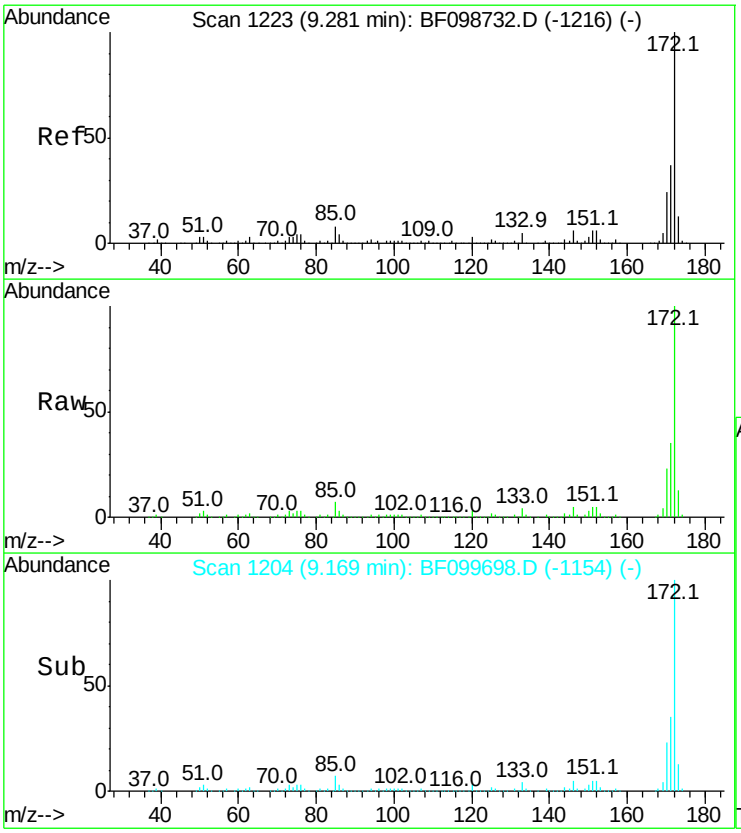
#41
2,4,6-Tribromophenol
Concen: 81.445 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF099698.D
Acq: 20 Oct 2017 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 111895

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	37.2	29.9	44.9

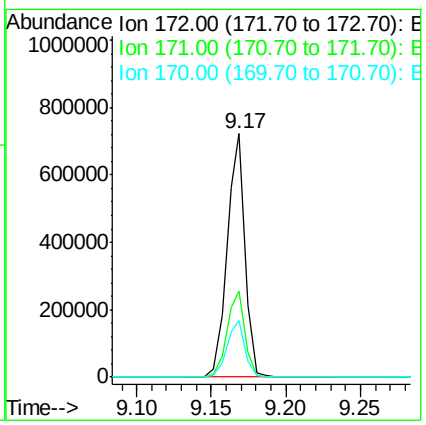


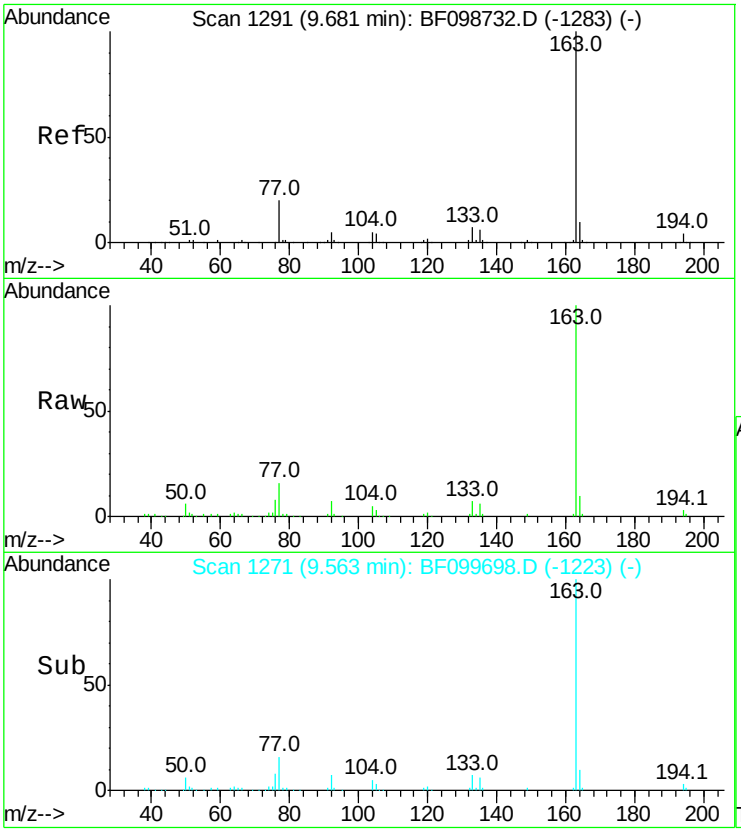


#44
2-Fluorobiphenyl
Concen: 60.755 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF099698.D
Acq: 20 Oct 2017 14:01

Tgt Ion:172 Resp: 611036

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.2	19.6	29.4



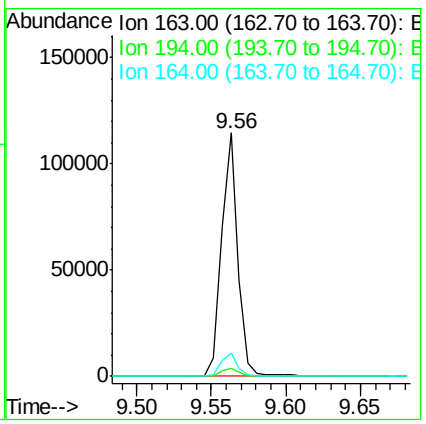


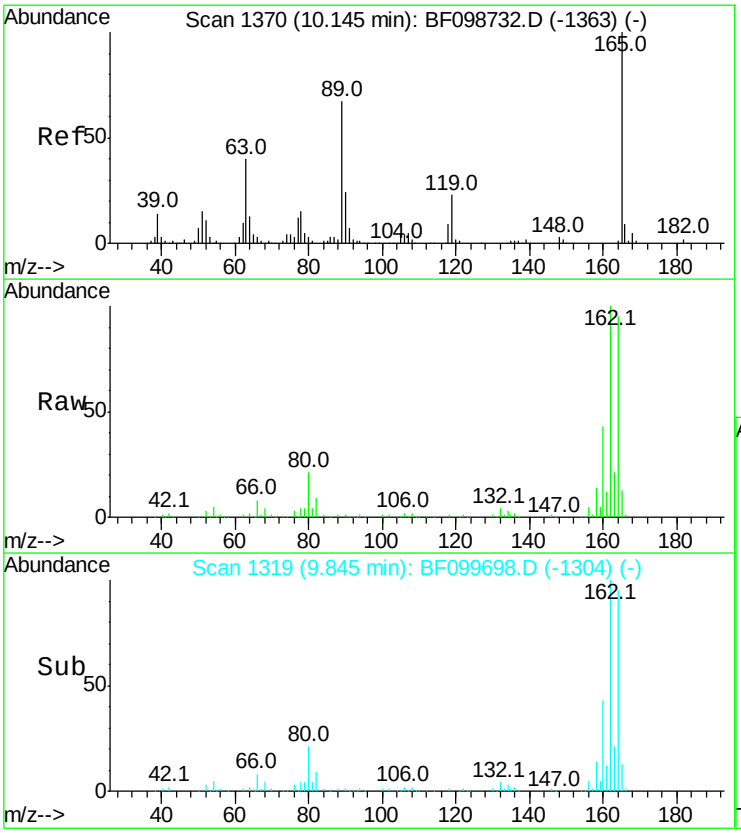
#49
Dimethylphthalate
Concen: 6.991 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF099698.D
Acq: 20 Oct 2017 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 88589

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.8	8.2	12.2

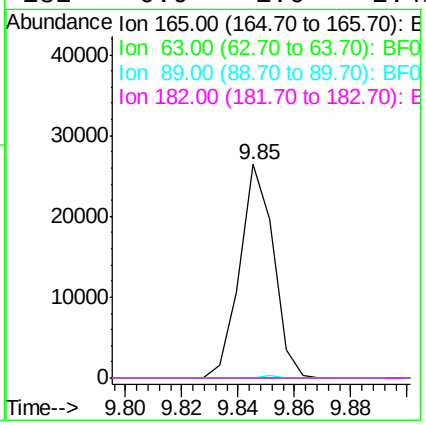


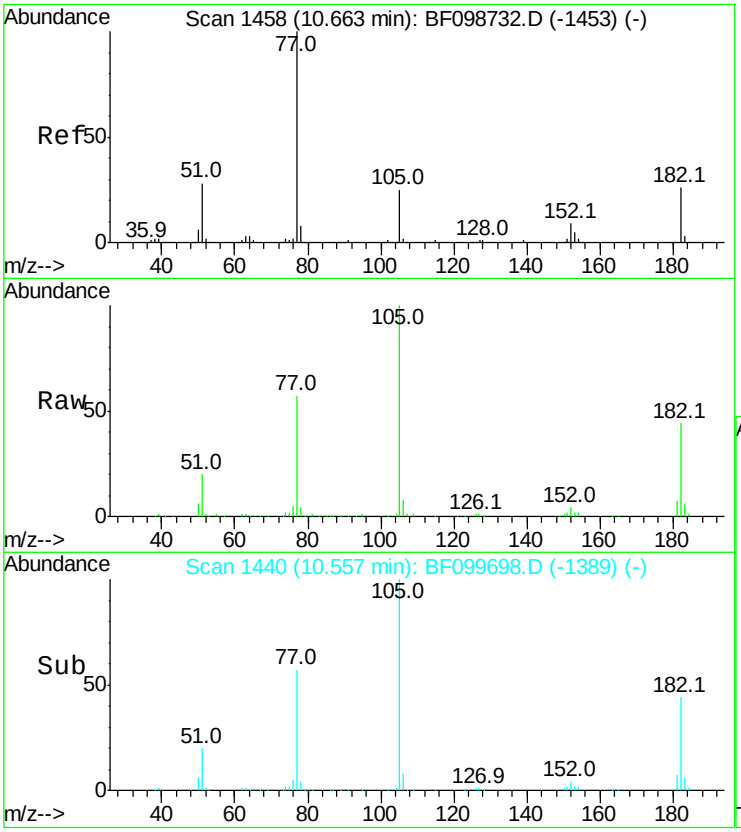


#56
2,4-Dinitrotoluene
Concen: 6.119 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.21 min
Lab File: BF099698.D
Acq: 20 Oct 2017 14:01

Tgt Ion:165 Resp: 21908

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#



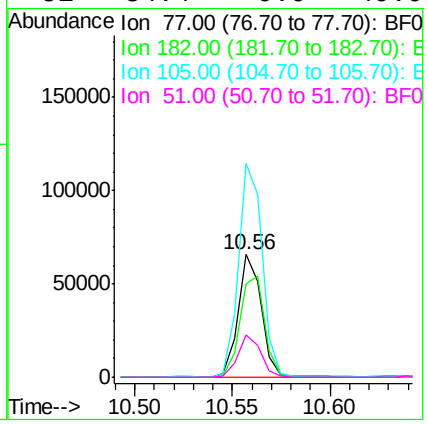


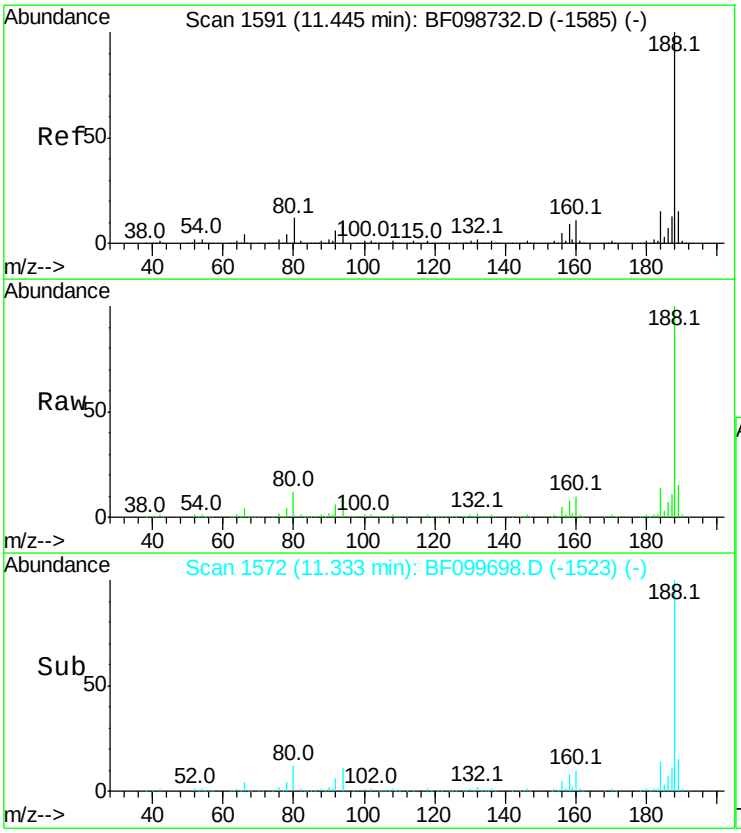
#62
Azobenzene
Concen: 4.800 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF099698.D
Acq: 20 Oct 2017 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 54645

Ion	Ratio	Lower	Upper
77	100		
182	76.2	1.7	41.7#
105	174.1	3.0	43.0#
51	34.4	9.9	49.9

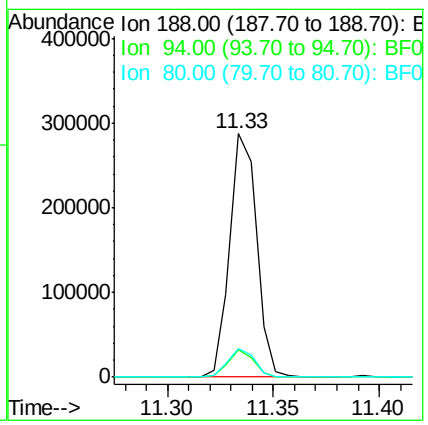


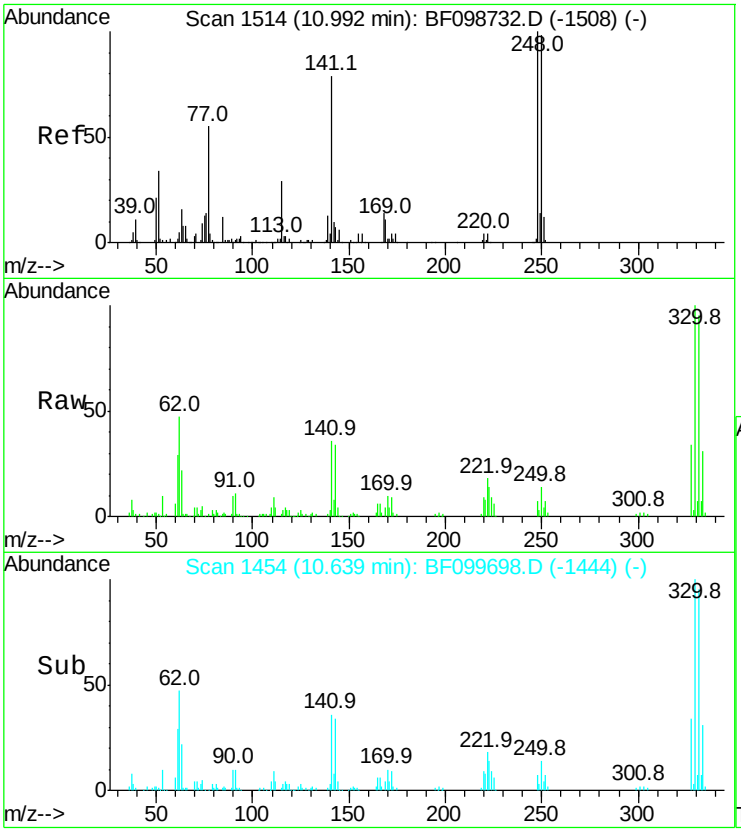


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF099698.D
Acq: 20 Oct 2017 14:01

Tgt Ion:188 Resp: 253312

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



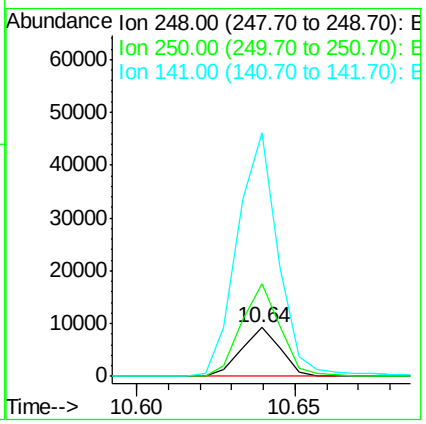


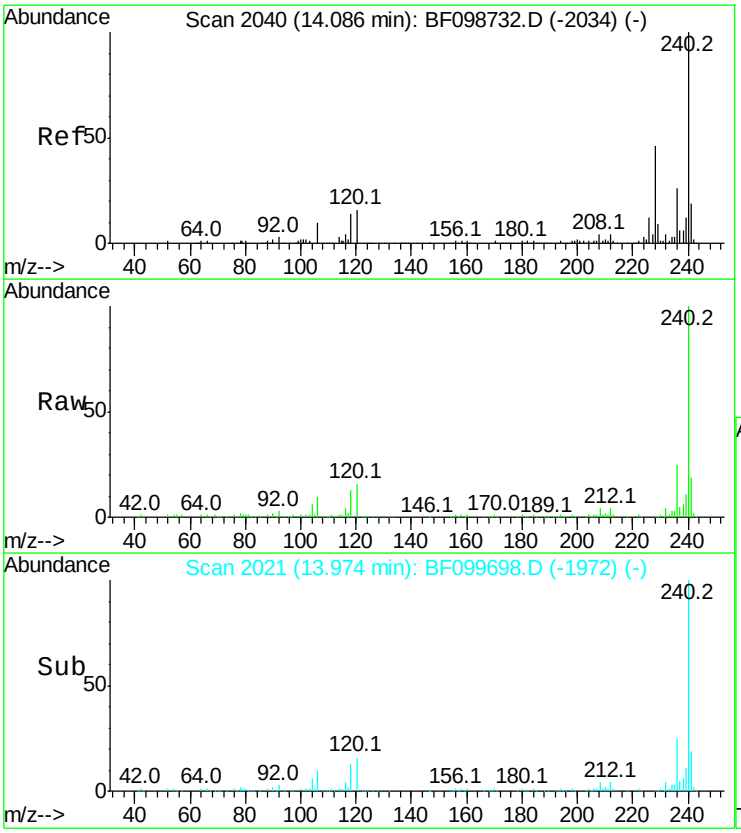
#66
4-Bromophenyl-phenylether
Concen: 3.133 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF099698.D
Acq: 20 Oct 2017 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 7769

Ion	Ratio	Lower	Upper
248	100		
250	191.2	76.9	115.3#
141	502.4	74.4	111.6#

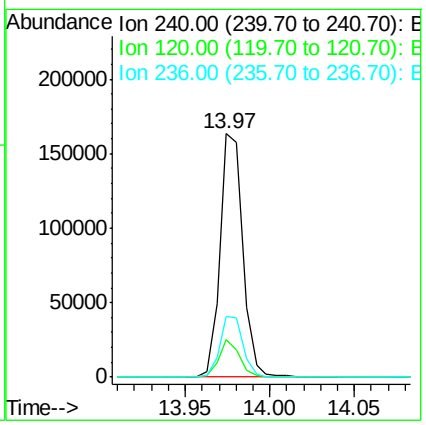


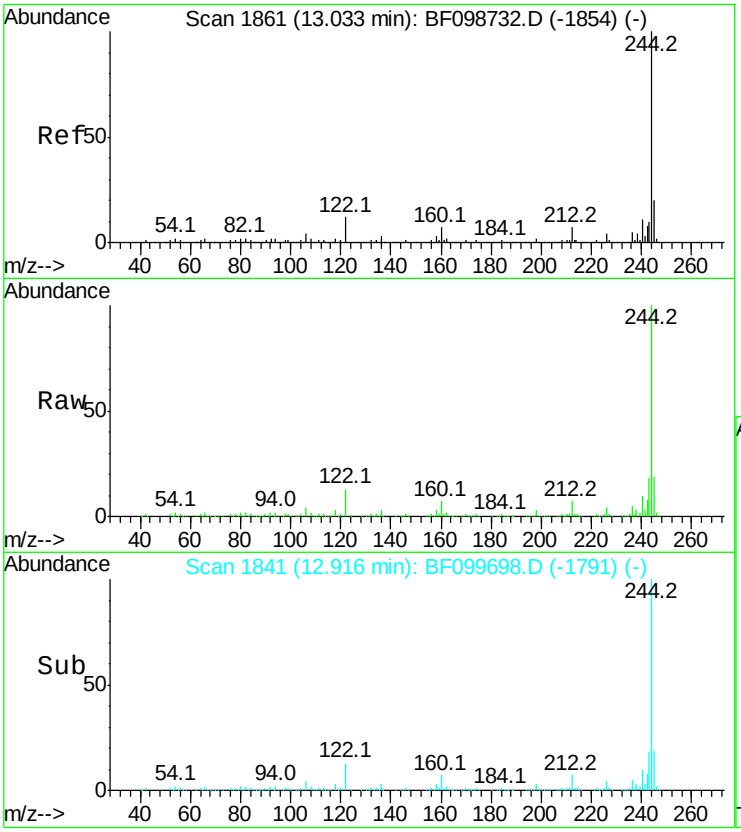


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF099698.D
Acq: 20 Oct 2017 14:01

Tgt Ion:240 Resp: 152780

Ion	Ratio	Lower	Upper
240	100		
120	15.7	9.5	14.3#
236	24.9	20.7	31.1



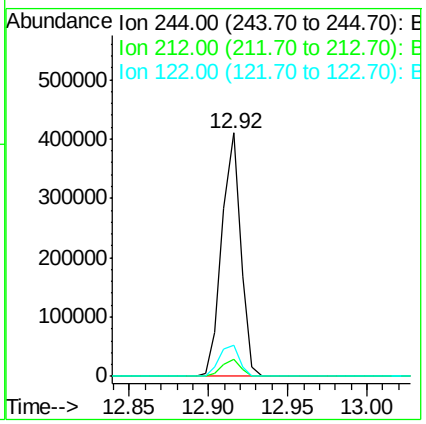


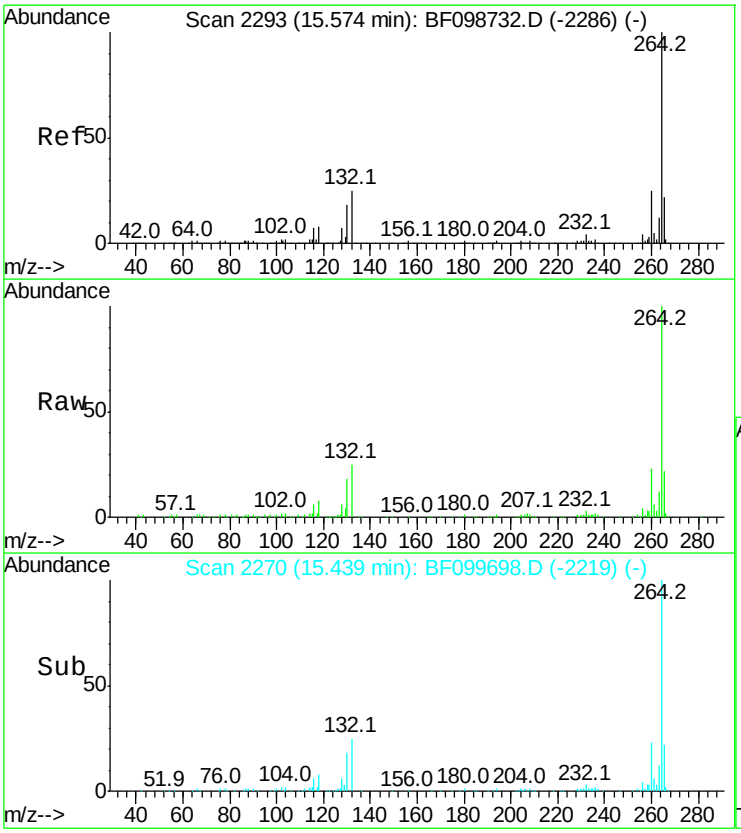
#78
Terphenyl-d14
Concen: 50.533 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF099698.D
Acq: 20 Oct 2017 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 339482

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF099698.D
Acq: 20 Oct 2017 14:01

Tgt Ion:264 Resp: 168408

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.8	17.5	26.3