Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
Data File : BF099662.D
Acq On : 19 Oct 2017 17:39
Operator : SJ/JU
Sample : I5901-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 20 12:48:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 19 19:55:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	86332	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	356688	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	167009	20.00	ng		-0.02
63) Phenanthrene-d10	11.34	188	306991	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	194582	20.00	ng		-0.02
86) Perylene-d12	15.44	264	151719	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	578783	106.72	ng		0.00
7) Phenol-d6	6.46	99	693069	103.60	ng		-0.02
23) Nitrobenzene-d5	7.39	82	412897	74.24	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	150844	110.38	ng		-0.01
44) 2-Fluorobiphenyl	9.17	172	592385	59.21	ng		-0.02
78) Terphenyl-d14	12.92	244	499647	58.40	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.59	77	11234	2.895	ng		82
10) Phenol	6.47	94	36744	4.911	ng		97
19) n-Nitroso-di-n-propylamine	7.39	70	51883	12.147	ng	#	71
25) Isophorone	7.39	82	412952	35.911	ng	#	64
49) Dimethylphthalate	9.56	163	33080	2.624	ng		96
50) 2,6-Dinitrotoluene	9.85	165	21097	7.688	ng	#	25
56) 2,4-Dinitrotoluene	9.85	165	21097	5.924	ng	#	23
66) 4-Bromophenyl-phenylether	10.65	248	9850	3.278	ng	#	1

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

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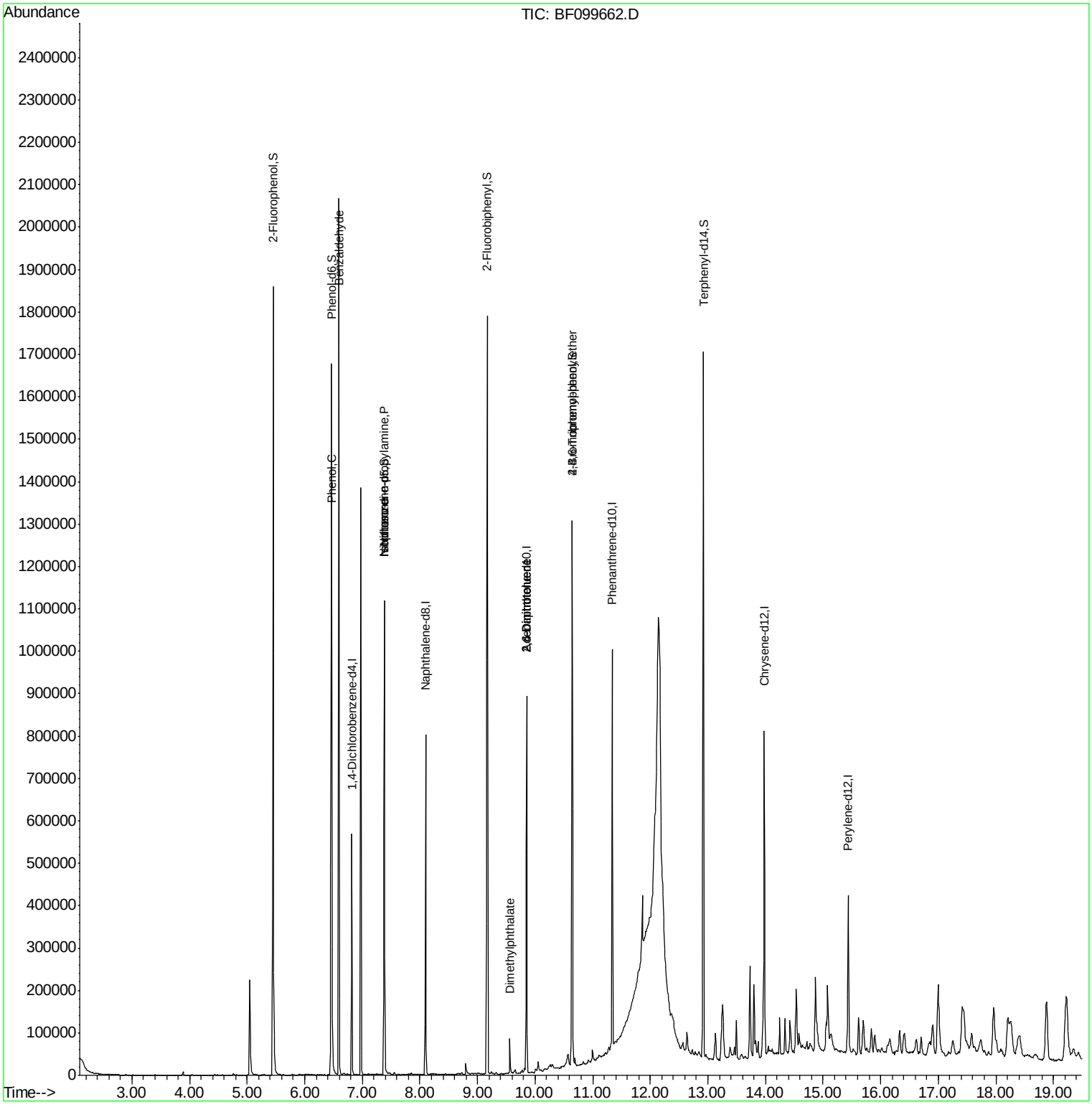
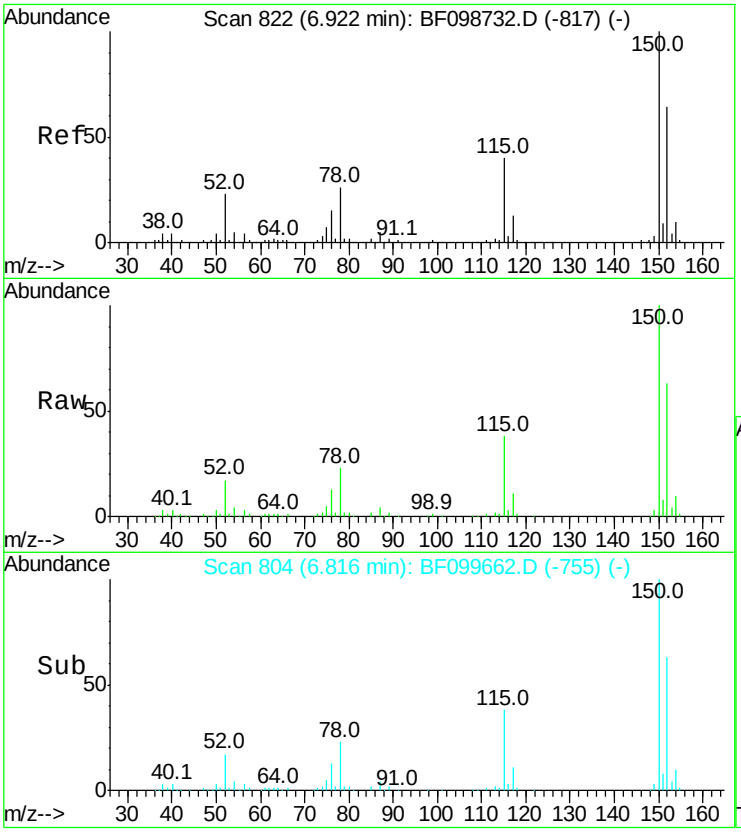


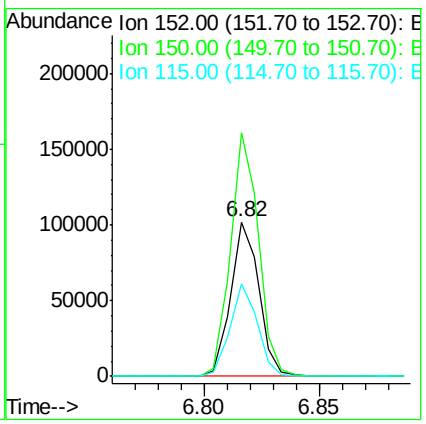


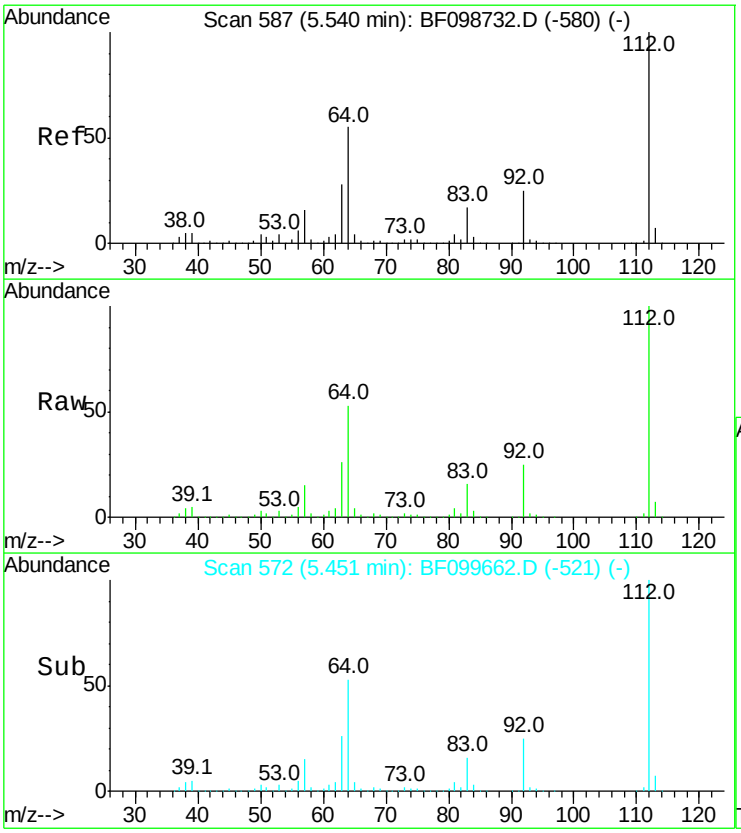
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 86332

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	60.1	50.1	75.1

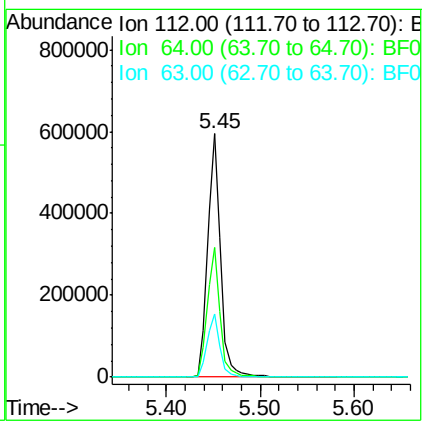


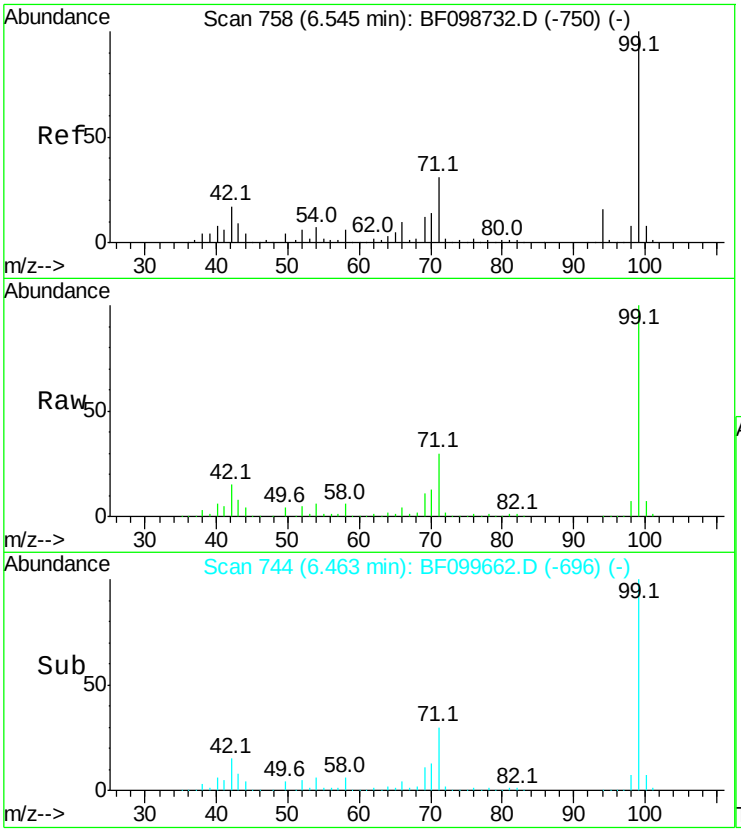


#5
2-Fluorophenol
Concen: 106.723 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Tgt Ion:112 Resp: 578783

Ion	Ratio	Lower	Upper
112	100		
64	53.2	47.9	71.9
63	25.7	23.7	35.5



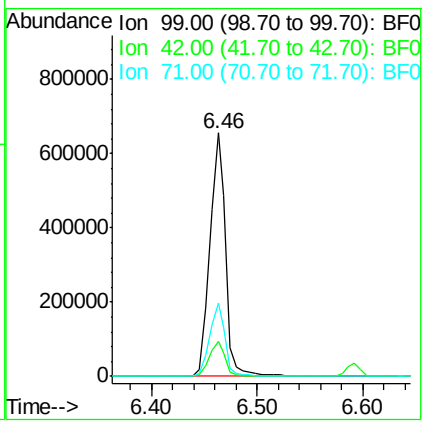


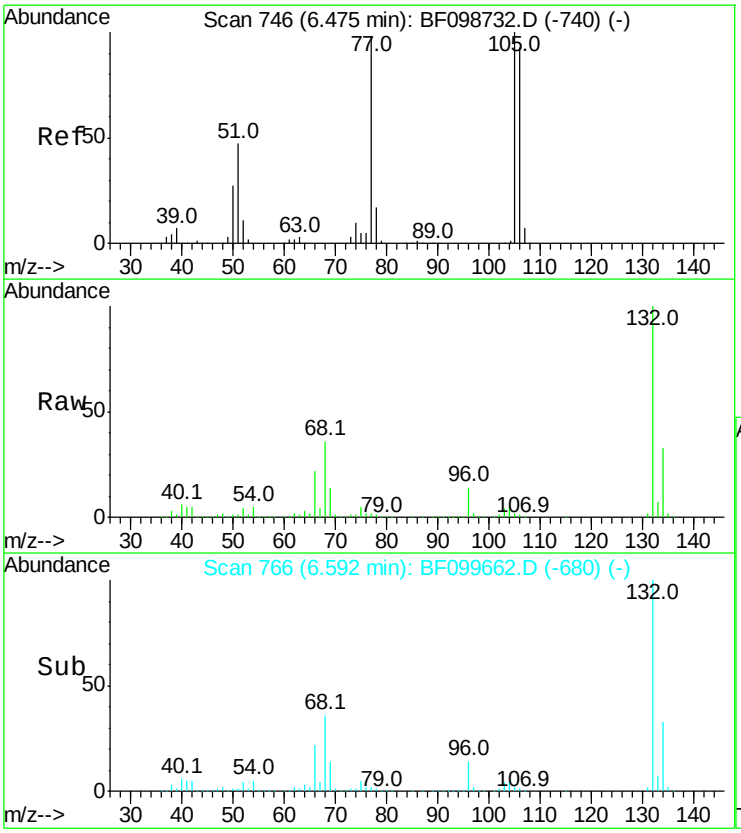
#7
Phenol-d6
Concen: 103.596 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 693069

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.5	21.7
71	30.1	25.4	38.0

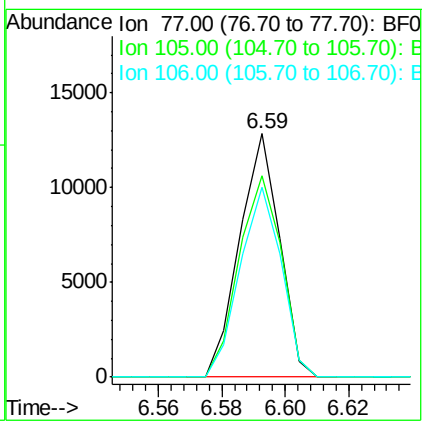


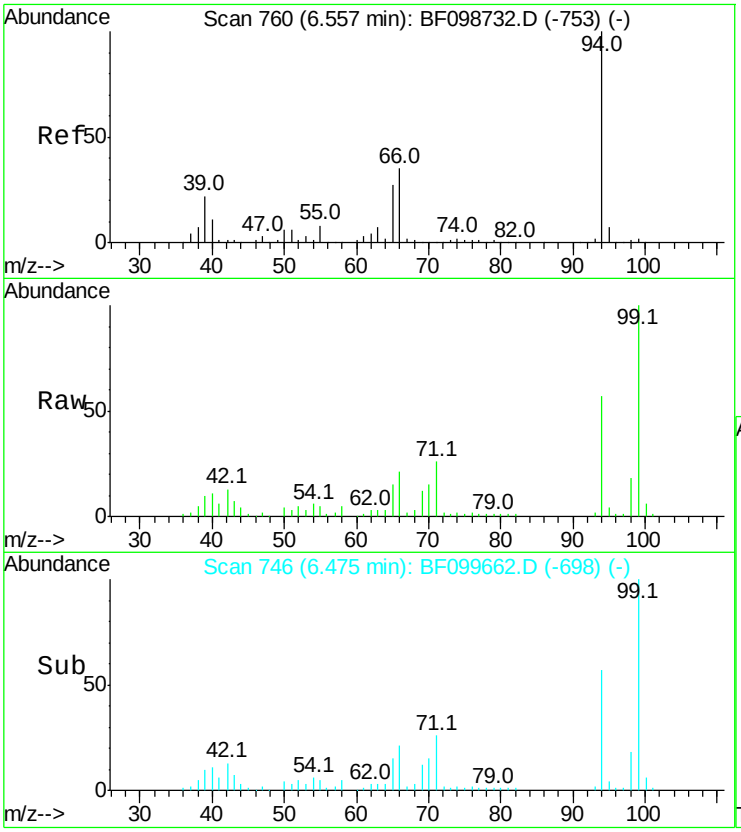


#9
Benzaldehyde
Concen: 2.895 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.21 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Tgt Ion: 77 Resp: 11234

Ion	Ratio	Lower	Upper
77	100		
105	82.9	81.1	121.1
106	77.8	74.5	114.5



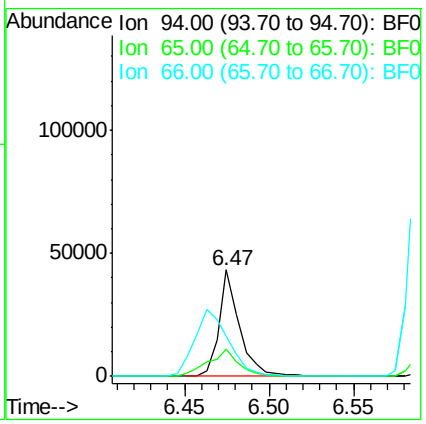


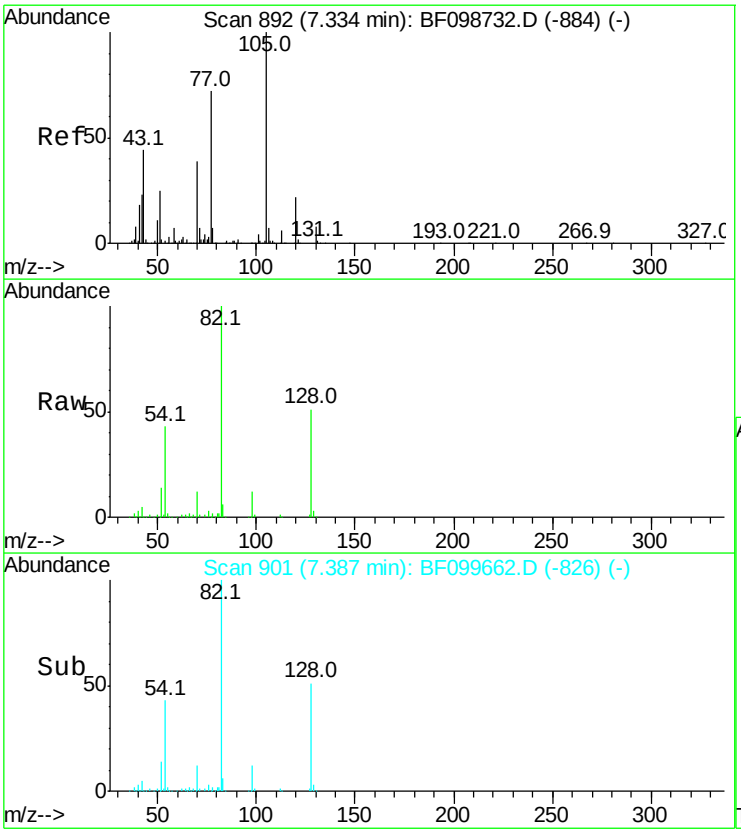
#10
Phenol
Concen: 4.911 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 36744

Ion	Ratio	Lower	Upper
94	100		
65	25.8	7.9	47.9
66	37.8	16.2	56.2

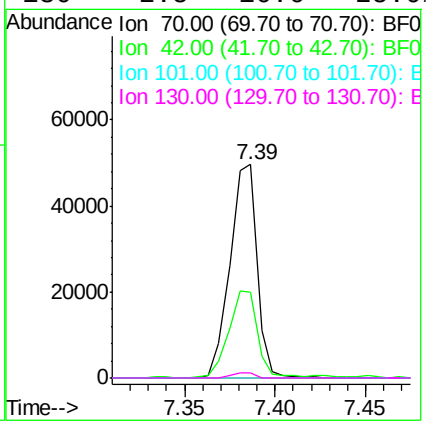


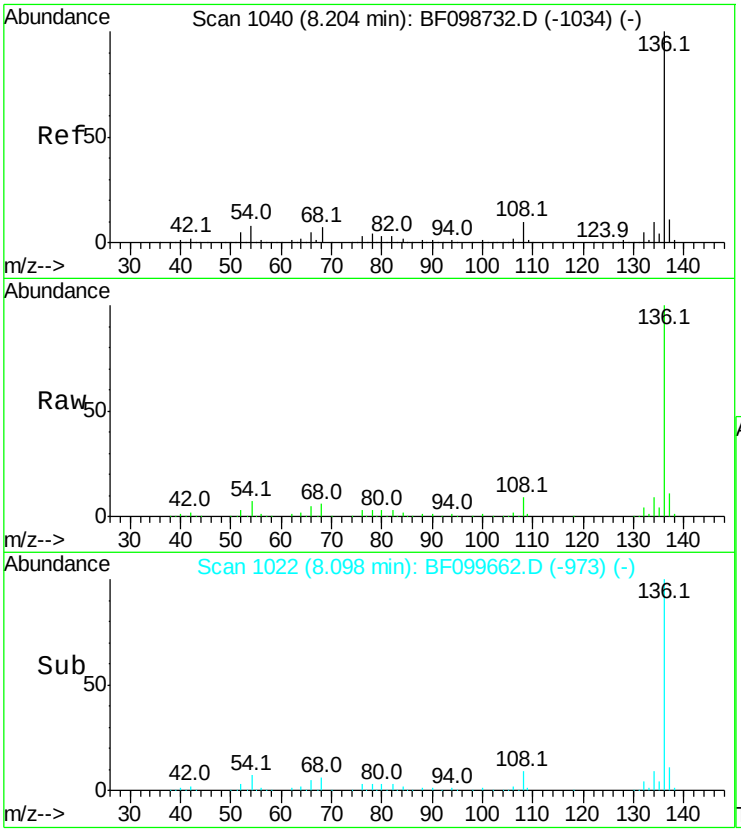


#19
n-Nitroso-di-n-propylamine
Concen: 12.147 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.14 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Tgt Ion: 70 Resp: 51883

Ion	Ratio	Lower	Upper
70	100		
42	39.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



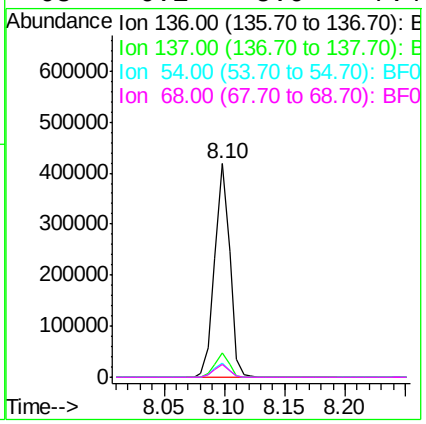


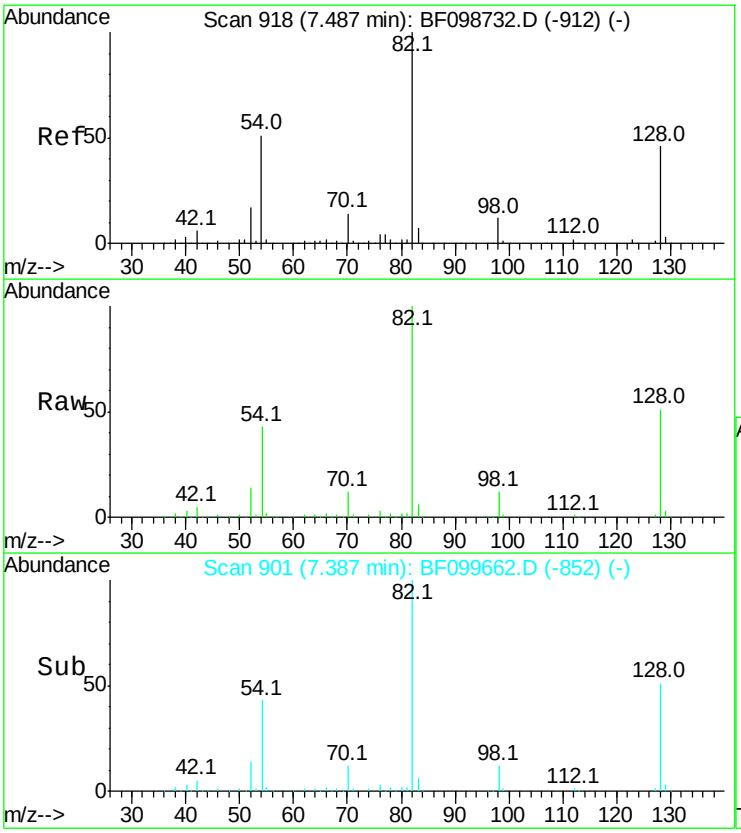
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 356688

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.8	6.6	9.8
68	6.1	5.0	7.4

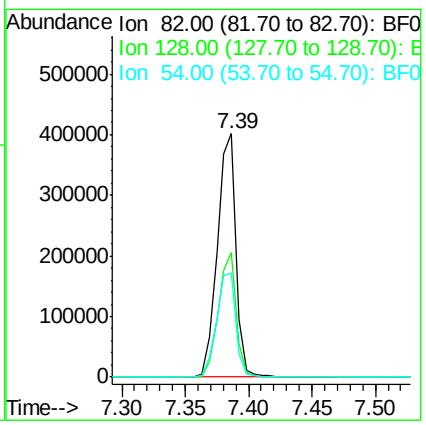


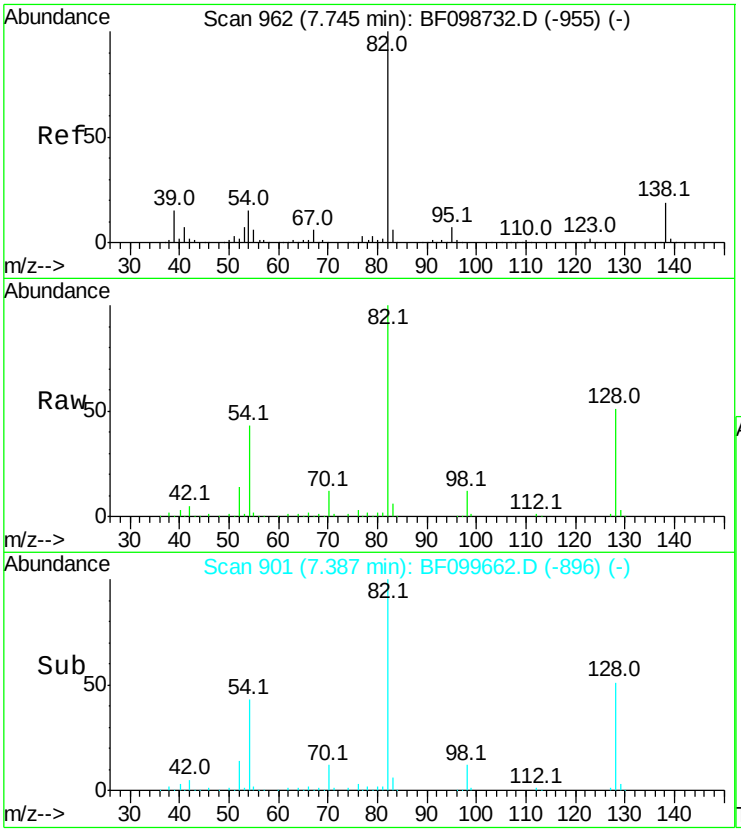


#23
Nitrobenzene-d5
Concen: 74.236 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Tgt Ion: 82 Resp: 412897

Ion	Ratio	Lower	Upper
82	100		
128	51.2	36.1	54.1
54	42.9	41.4	62.2



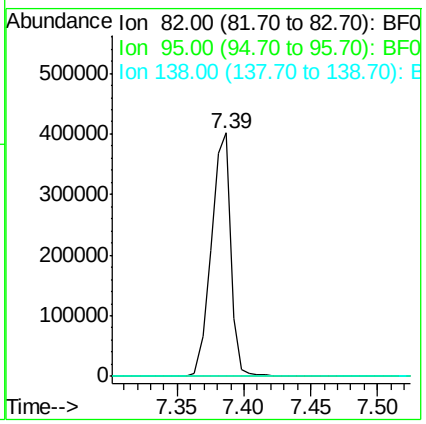


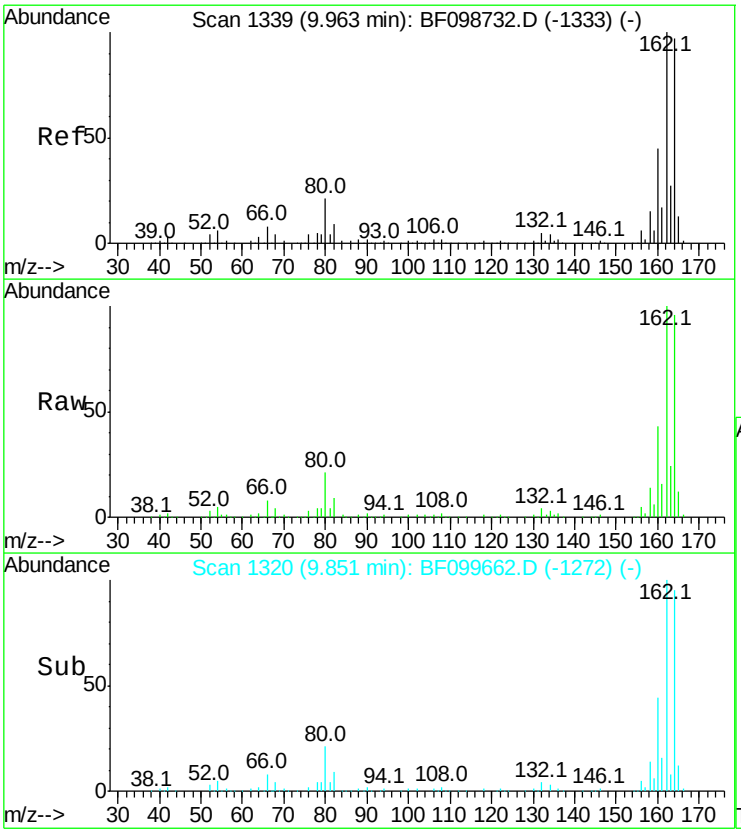
#25
Isophorone
Concen: 35.911 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.27 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 412952

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

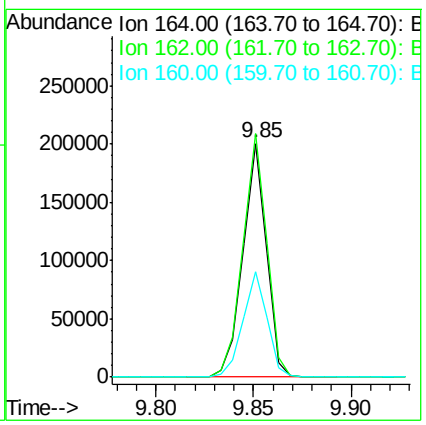


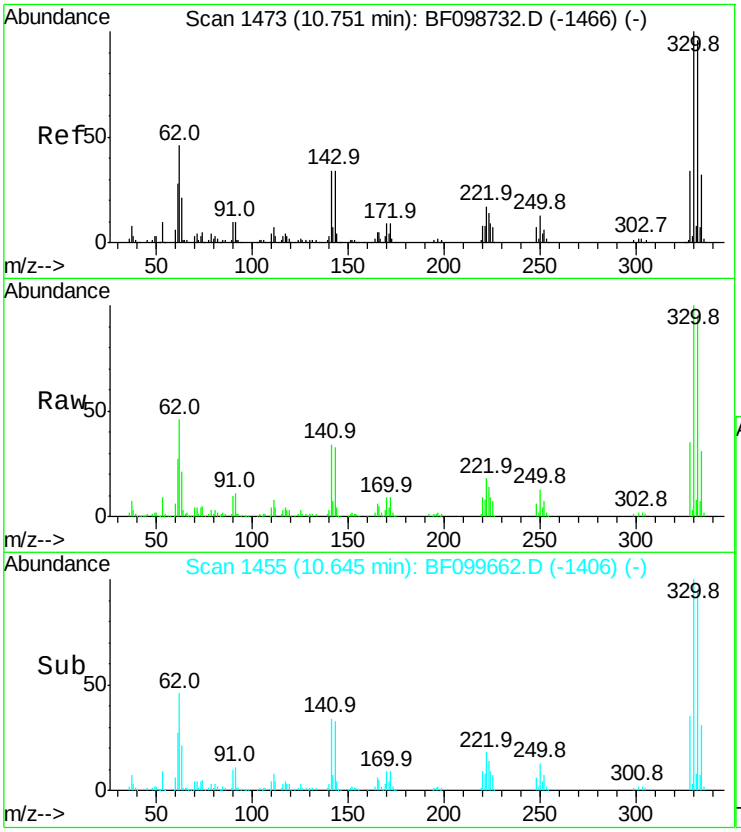


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Tgt Ion:164 Resp: 167009

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	45.4	38.3	57.5



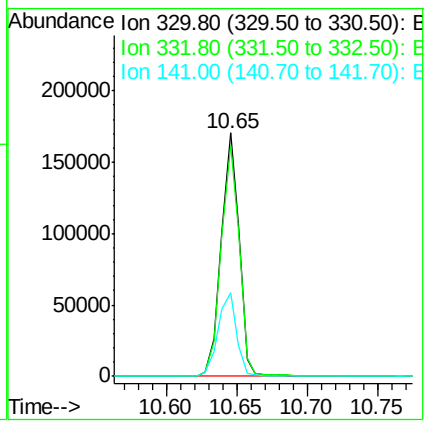


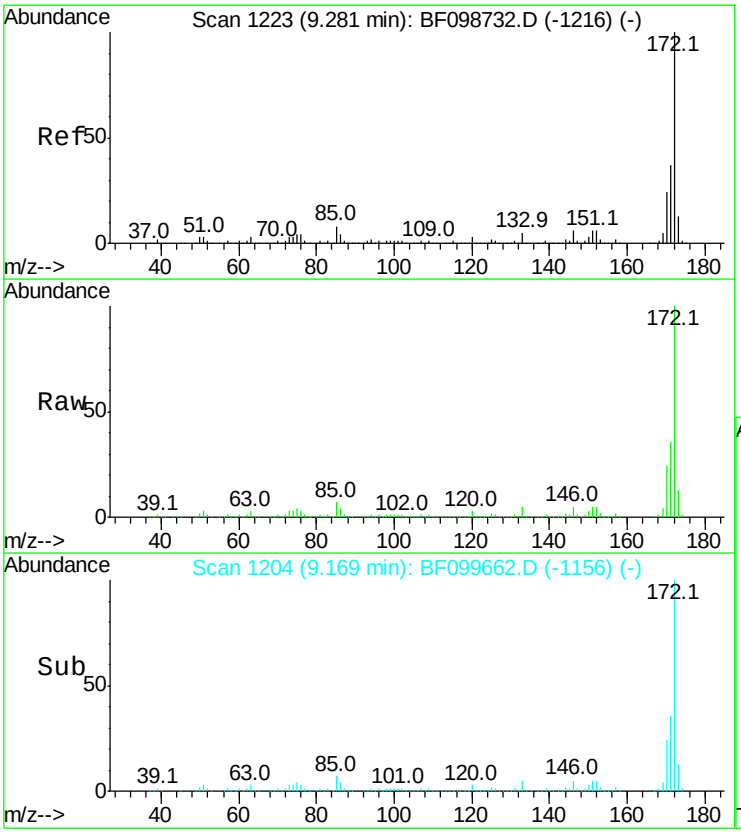
#41
2,4,6-Tribromophenol
Concen: 110.380 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 150844

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	35.8	29.9	44.9

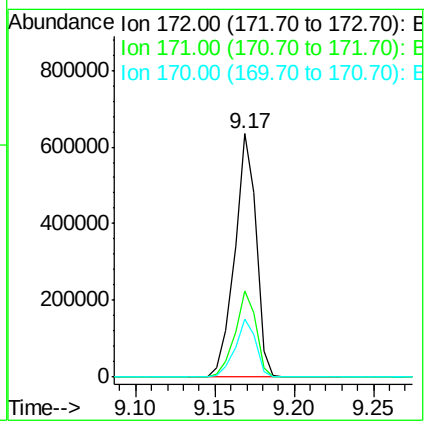


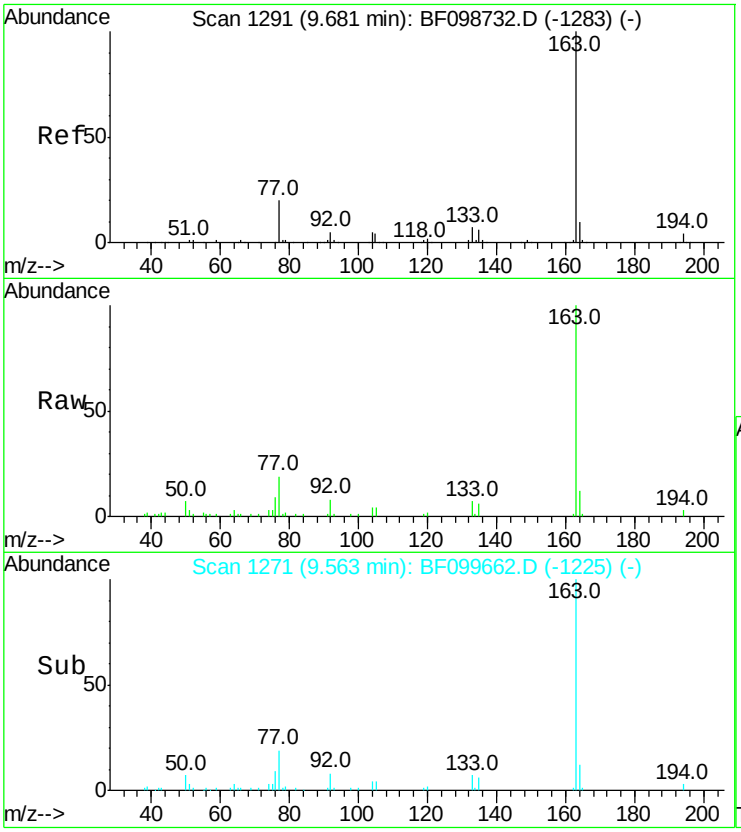


#44
2-Fluorobiphenyl
Concen: 59.215 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Tgt Ion:172 Resp: 592385

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.7	19.6	29.4



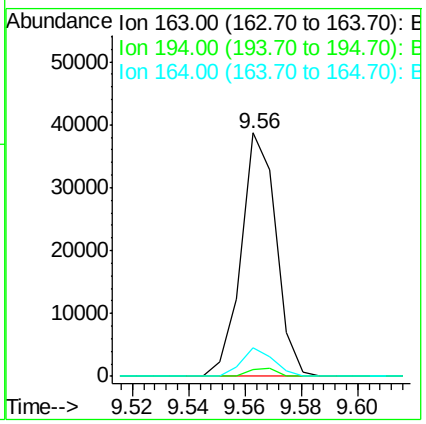


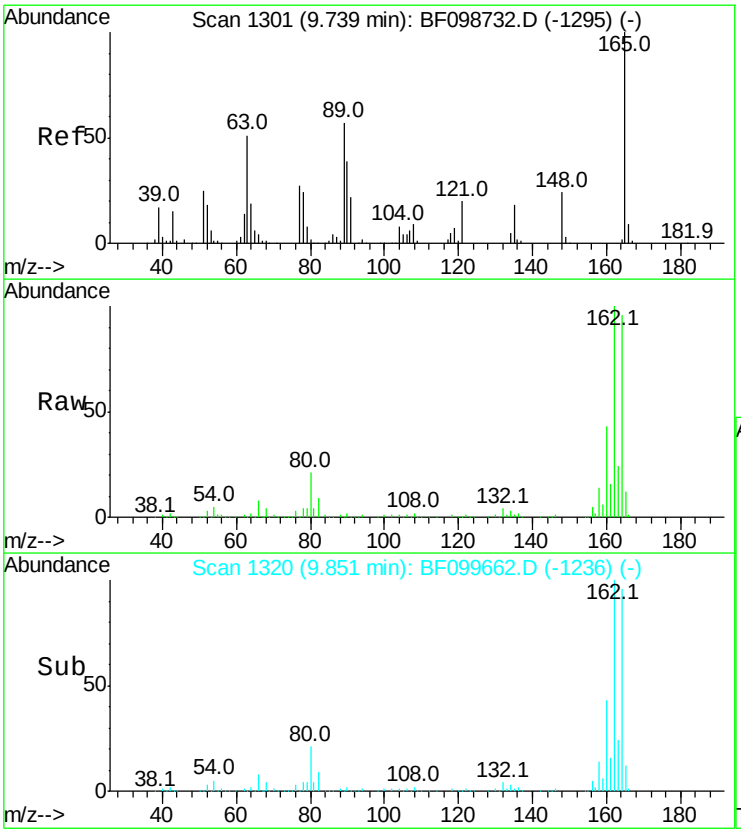
#49
Dimethylphthalate
Concen: 2.624 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 33080

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.7	4.1
164	12.0	8.2	12.2

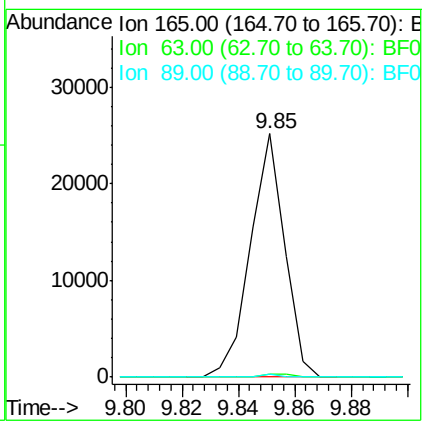


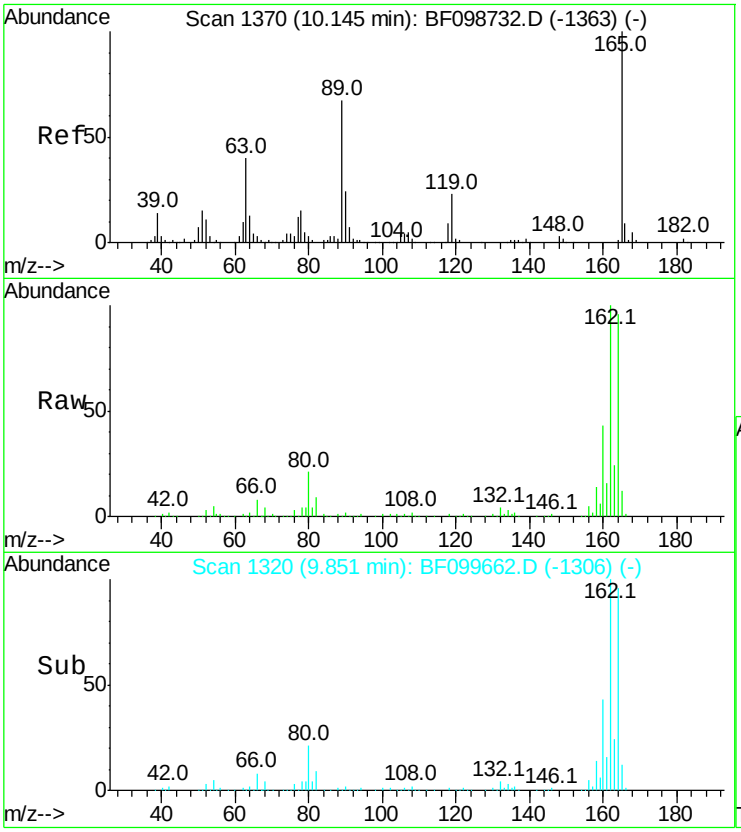


#50
2,6-Dinitrotoluene
Concen: 7.688 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.19 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Tgt Ion:165 Resp: 21097

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.3	44.0	66.0#



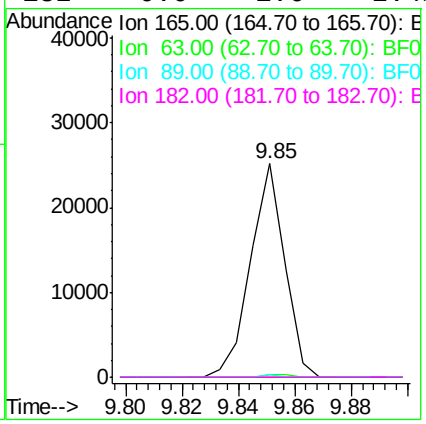


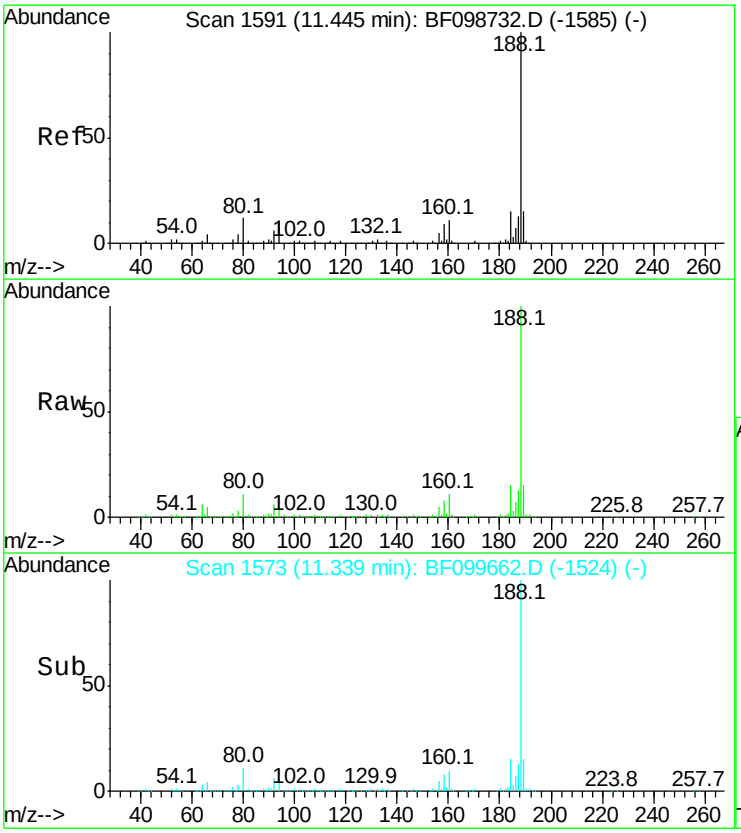
#56
2,4-Dinitrotoluene
Concen: 5.924 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.22 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21097

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

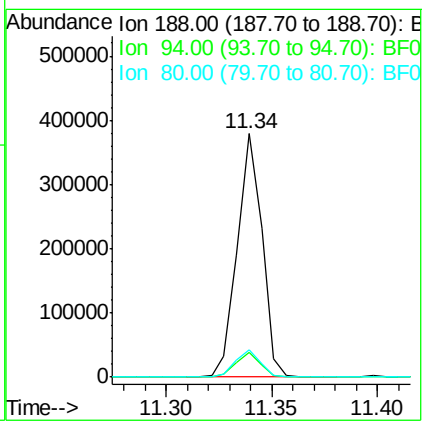


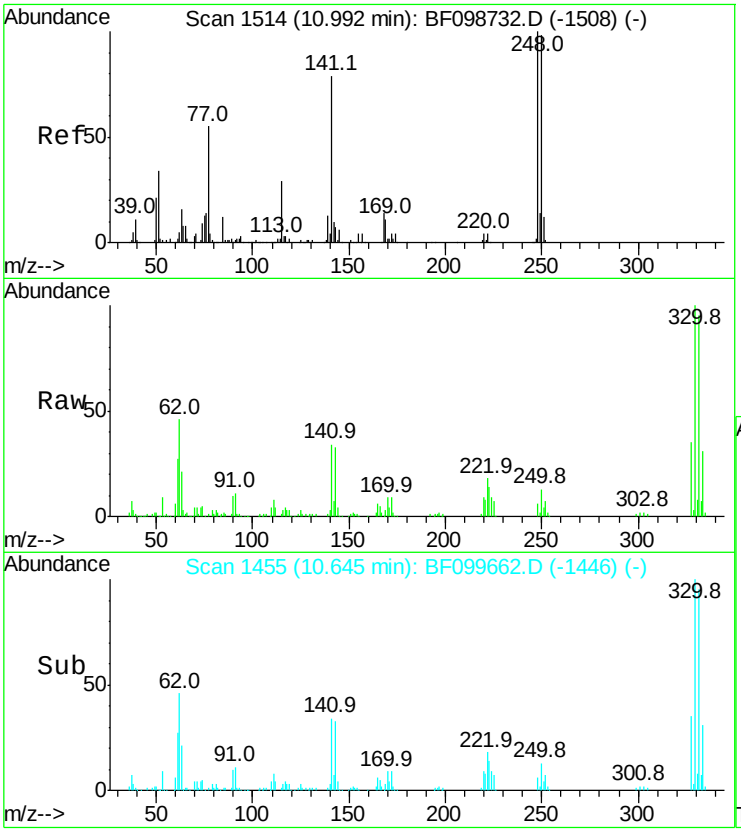


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Tgt Ion:188 Resp: 306991

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.4	9.2	13.8



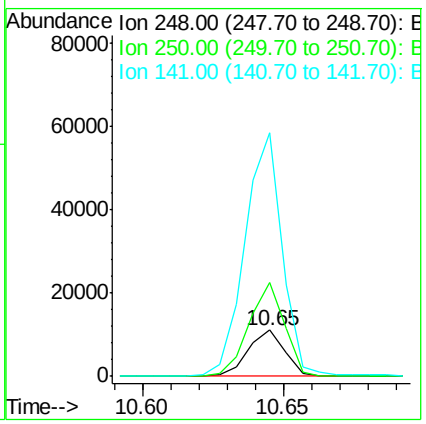


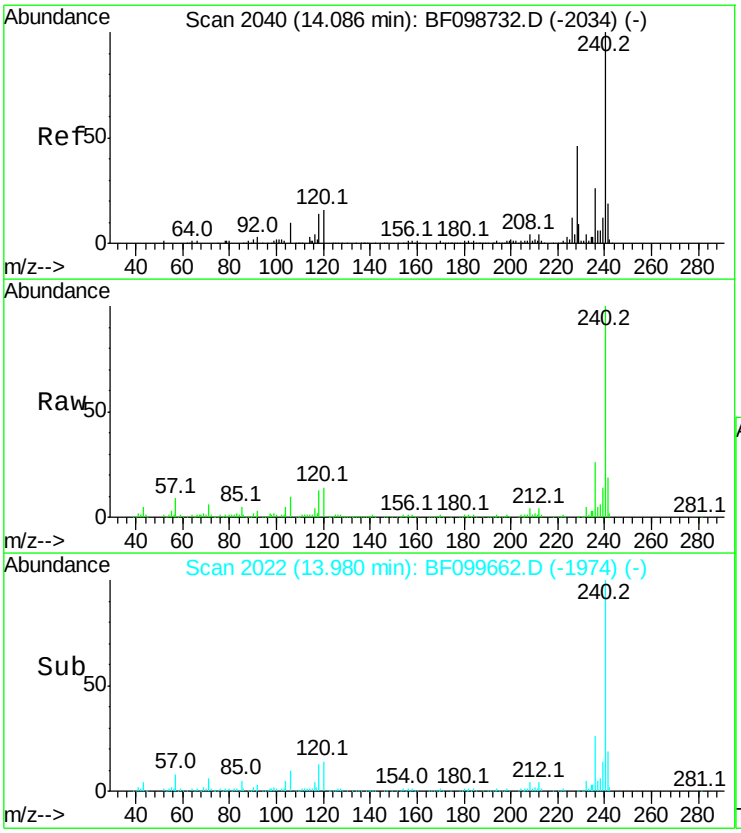
#66
4-Bromophenyl-phenylether
Concen: 3.278 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.25 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9850

Ion	Ratio	Lower	Upper
248	100		
250	203.6	76.9	115.3#
141	530.0	74.4	111.6#

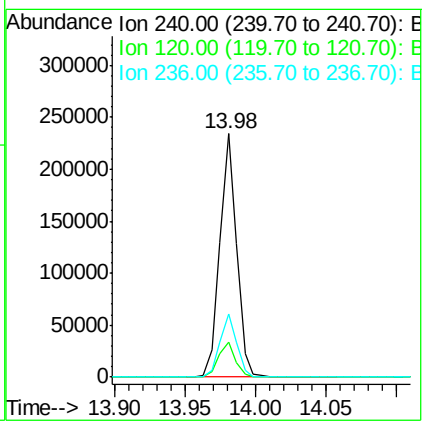


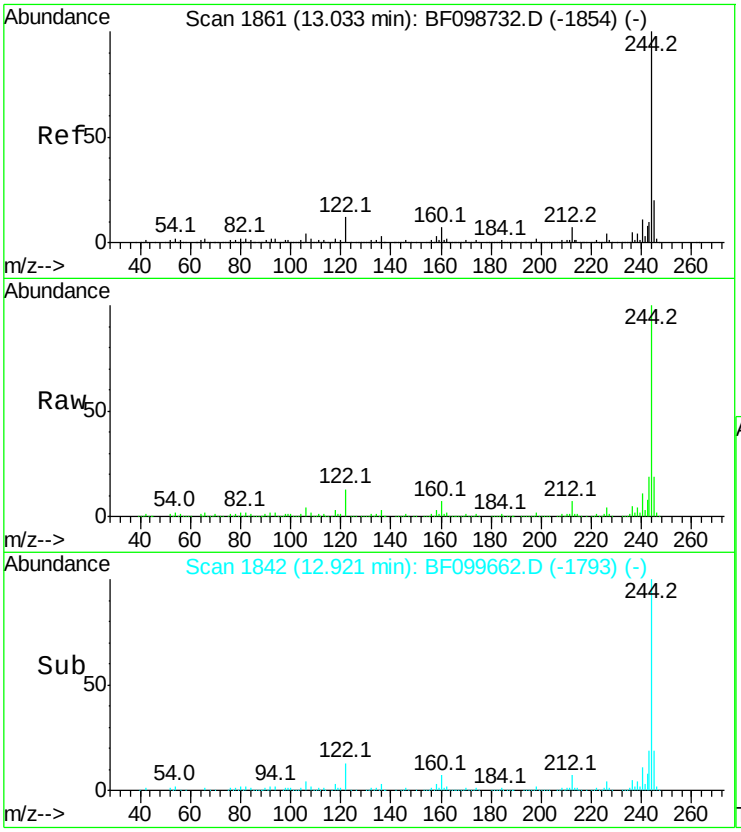


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Tgt Ion:240 Resp: 194582

Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	26.0	20.7	31.1



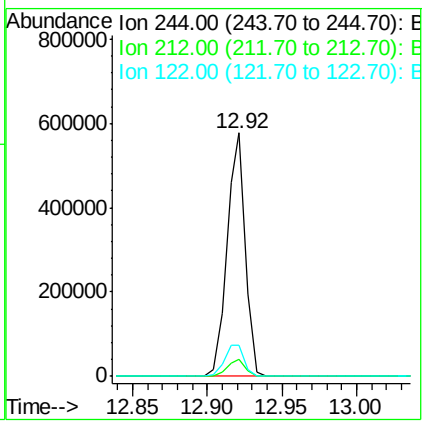


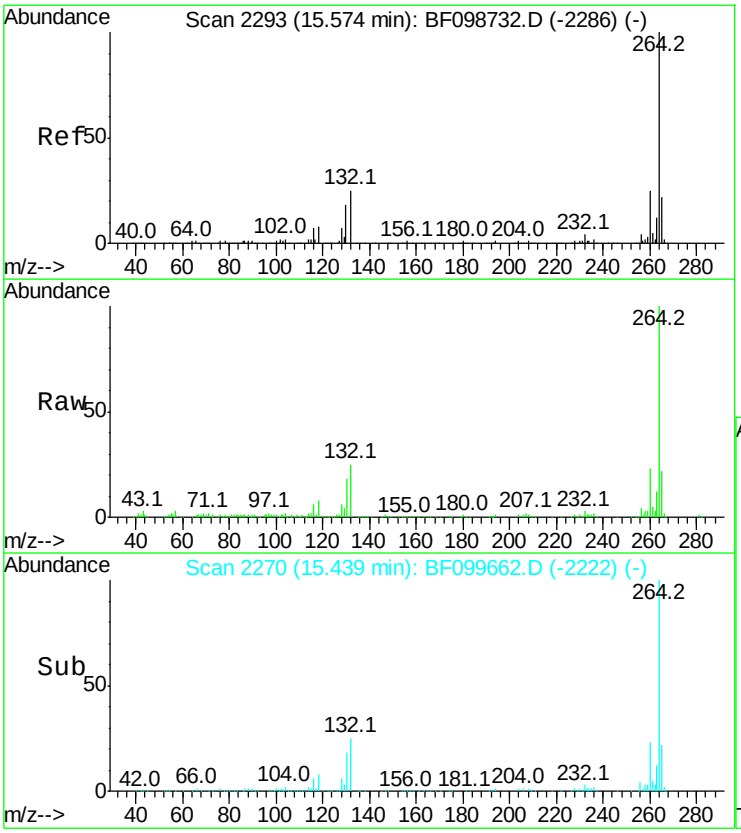
#78
Terphenyl-d14
Concen: 58.397 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 499647

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF099662.D
Acq: 19 Oct 2017 17:39

Tgt Ion:264 Resp: 151719

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.1	17.5	26.3