Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
Data File : BF099582.D
Acq On : 17 Oct 2017 15:48
Operator : SJ/JU
Sample : I5857-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 17 17:33:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 17:32:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	88640	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	367346	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	168410	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	305952	20.00	ng		0.00
75) Chrysene-d12	13.99	240	207437	20.00	ng		-0.01
86) Perylene-d12	15.45	264	150534	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	504767	90.65	ng		0.00
7) Phenol-d6	6.46	99	604710	88.03	ng		0.00
23) Nitrobenzene-d5	7.39	82	355031	61.98	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	131404	95.36	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	705355	69.92	ng		0.00
78) Terphenyl-d14	12.93	244	609181	66.79	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.60	77	9990	2.507	ng		90
10) Phenol	6.47	94	36217	4.714	ng		94
19) n-Nitroso-di-n-propylamine	7.39	70	45519	10.379	ng	#	72
25) Isophorone	7.39	82	355026	29.978	ng	#	64
49) Dimethylphthalate	9.57	163	126440	9.948	ng		99
56) 2,4-Dinitrotoluene	9.86	165	21296	5.930	ng	#	22
62) Azobenzene	10.57	77	78037	6.833	ng	#	1
66) 4-Bromophenyl-phenylether	10.65	248	9133	3.050	ng	#	1

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

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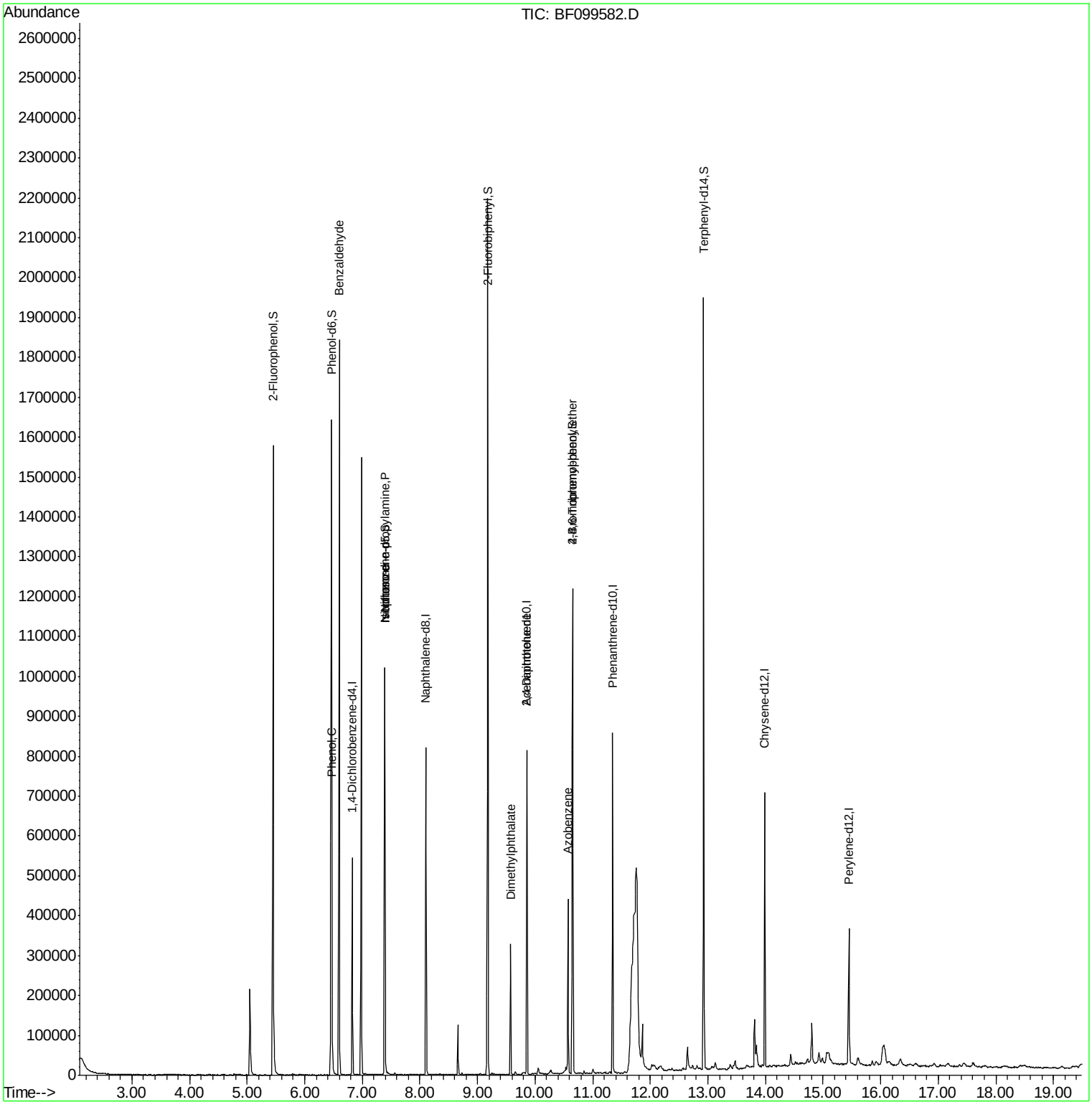
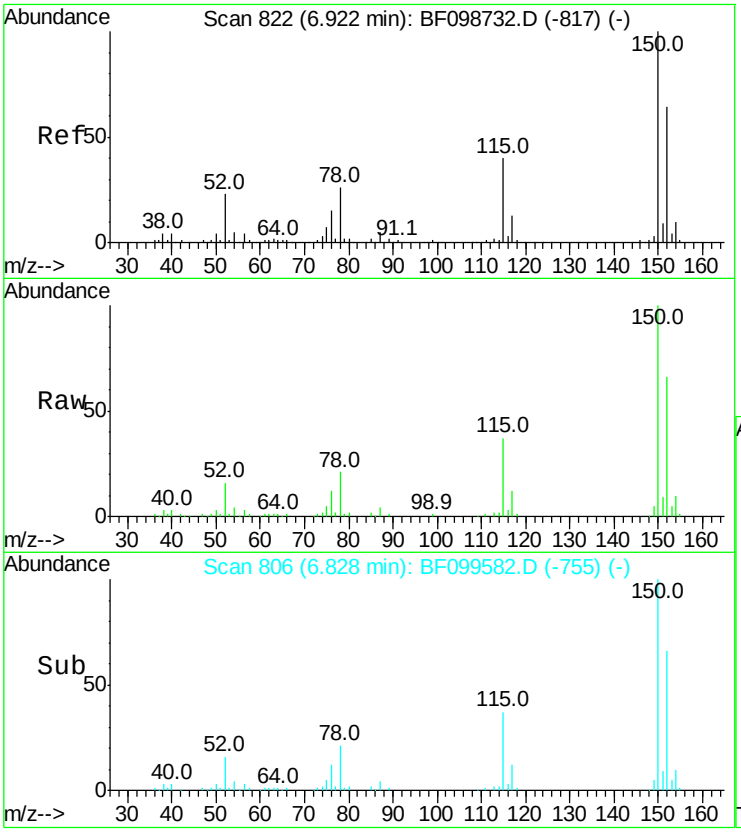


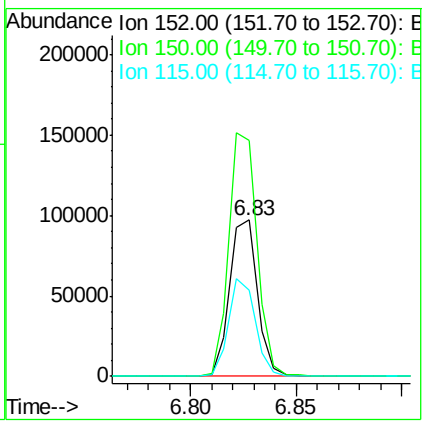


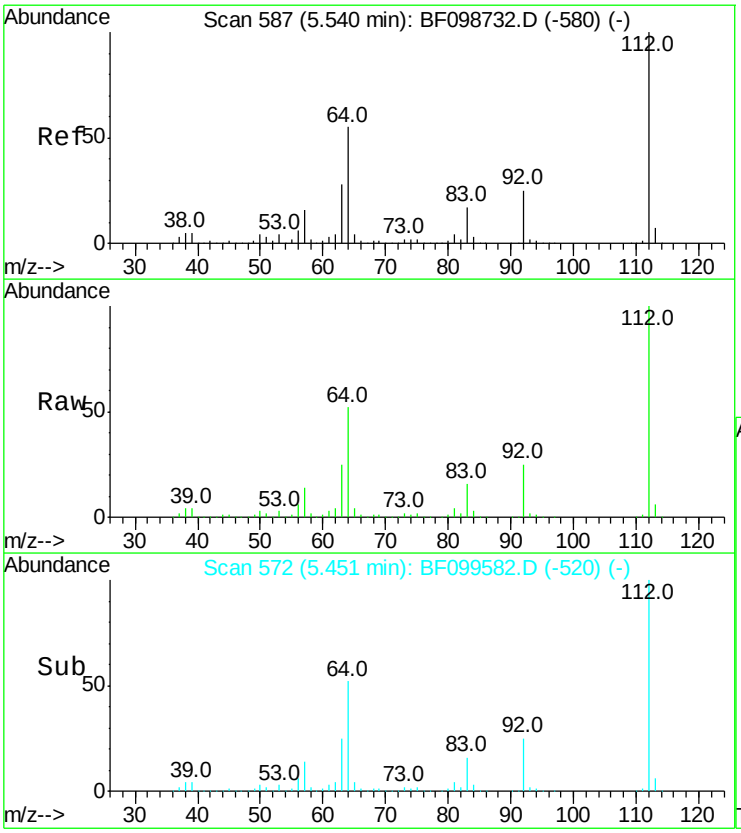
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF099582.D
Acq: 17 Oct 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 88640

Ion	Ratio	Lower	Upper
152	100		
150	150.9	124.6	186.8
115	55.2	50.1	75.1

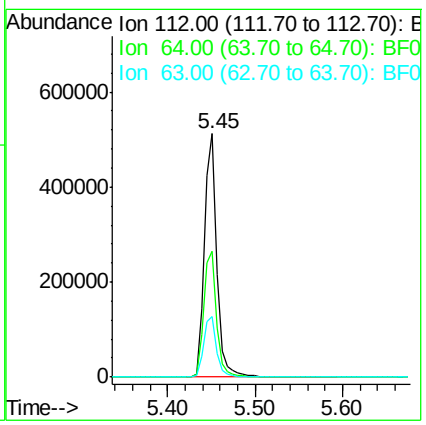


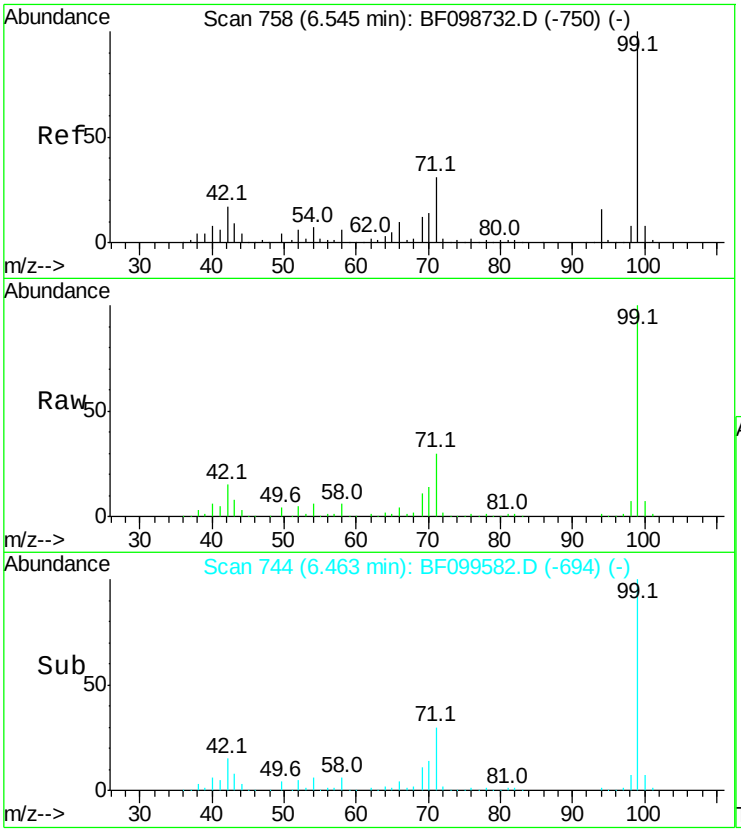


#5
2-Fluorophenol
Concen: 90.652 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF099582.D
Acq: 17 Oct 2017 15:48

Tgt Ion:112 Resp: 504767

Ion	Ratio	Lower	Upper
112	100		
64	51.6	47.9	71.9
63	25.0	23.7	35.5



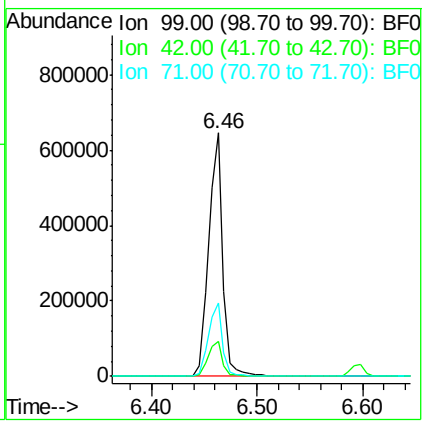


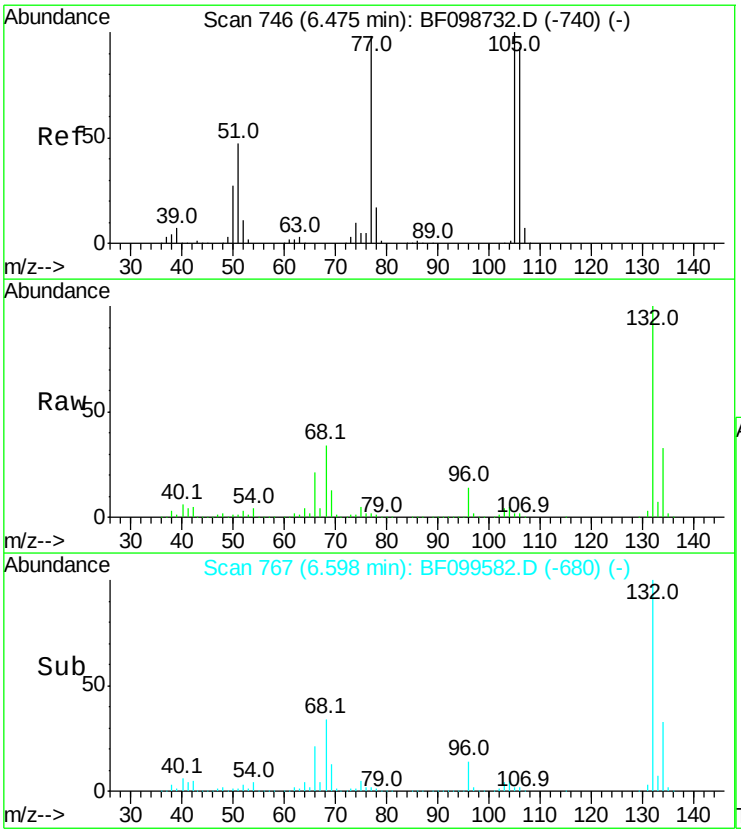
#7
Phenol-d6
Concen: 88.035 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF099582.D
Acq: 17 Oct 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 604710

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

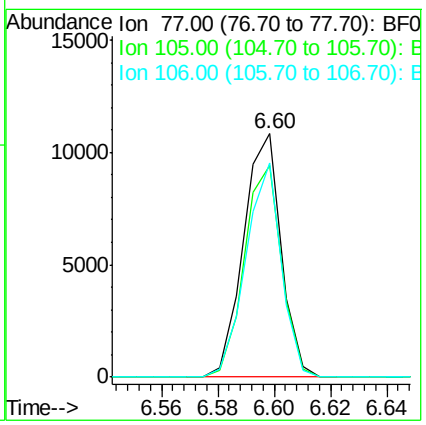


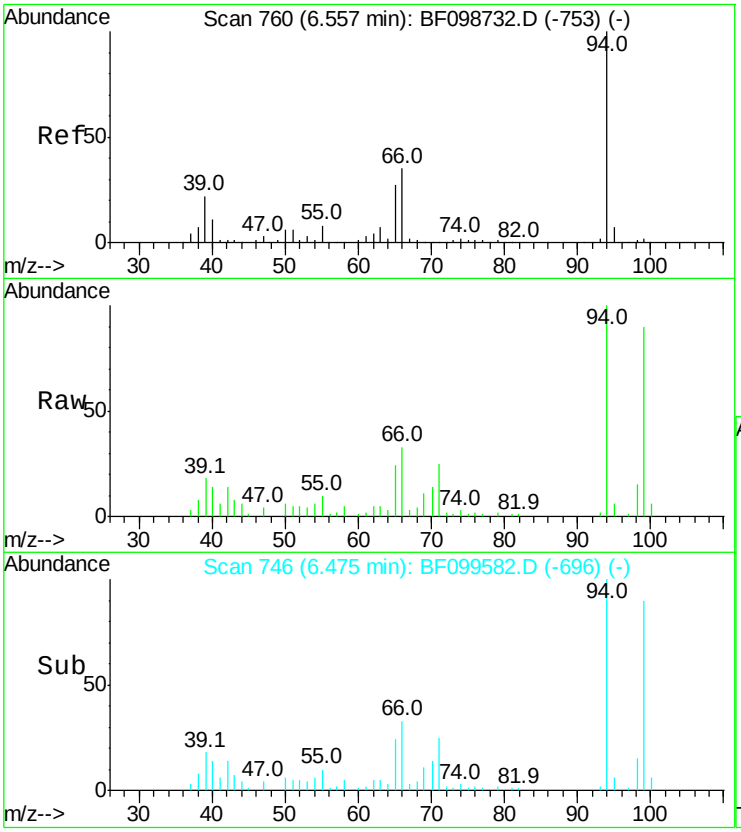


#9
Benzaldehyde
Concen: 2.507 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.21 min
Lab File: BF099582.D
Acq: 17 Oct 2017 15:48

Tgt Ion: 77 Resp: 9990

Ion	Ratio	Lower	Upper
77	100		
105	87.0	81.1	121.1
106	88.2	74.5	114.5



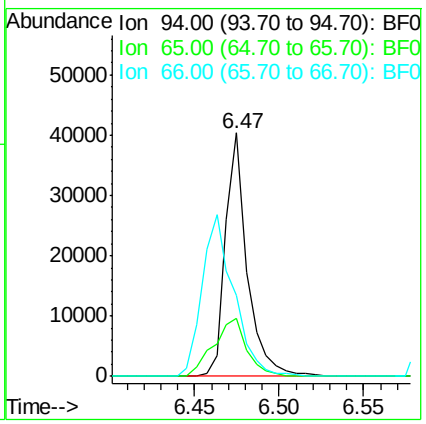


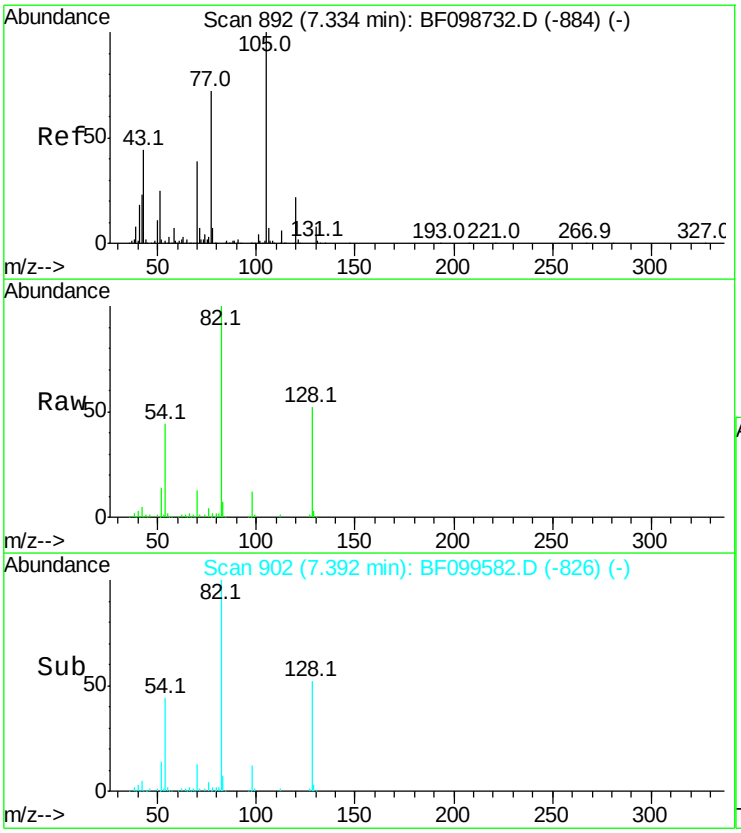
#10
Phenol
Concen: 4.714 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF099582.D
Acq: 17 Oct 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 36217

Ion	Ratio	Lower	Upper
94	100		
65	23.9	7.9	47.9
66	33.3	16.2	56.2

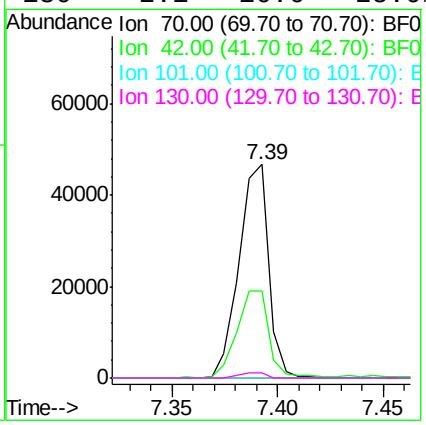


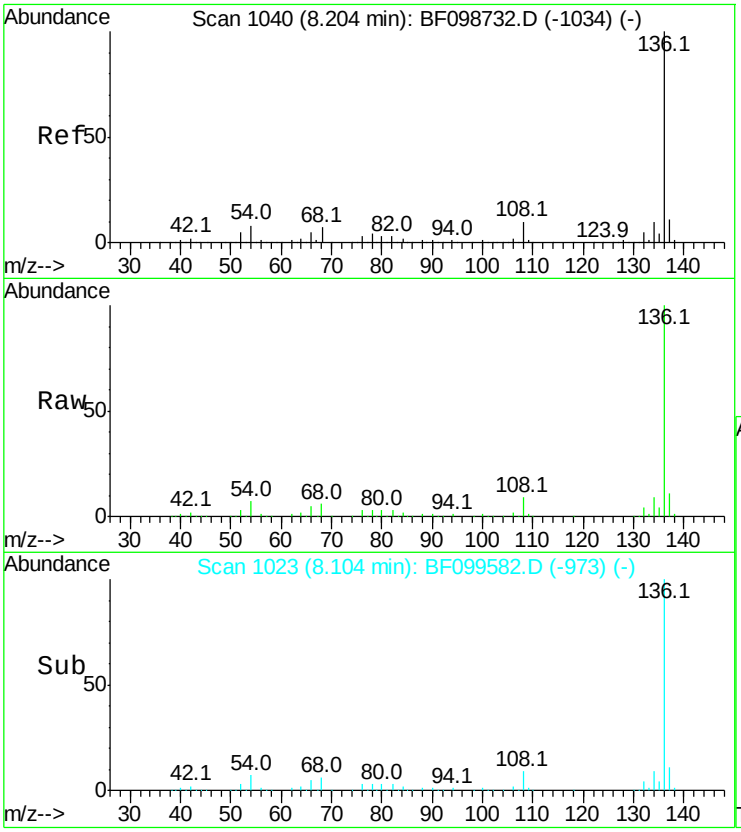


#19
n-Nitroso-di-n-propylamine
Concen: 10.379 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.15 min
Lab File: BF099582.D
Acq: 17 Oct 2017 15:48

Tgt Ion: 70 Resp: 45519

Ion	Ratio	Lower	Upper
70	100		
42	40.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



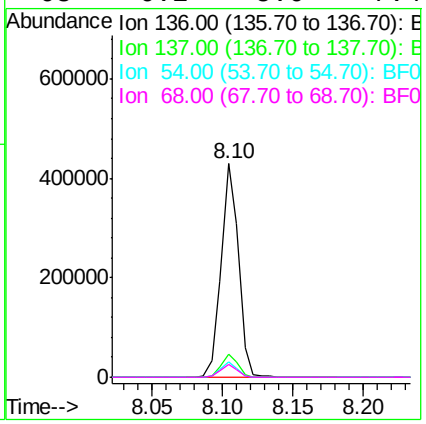


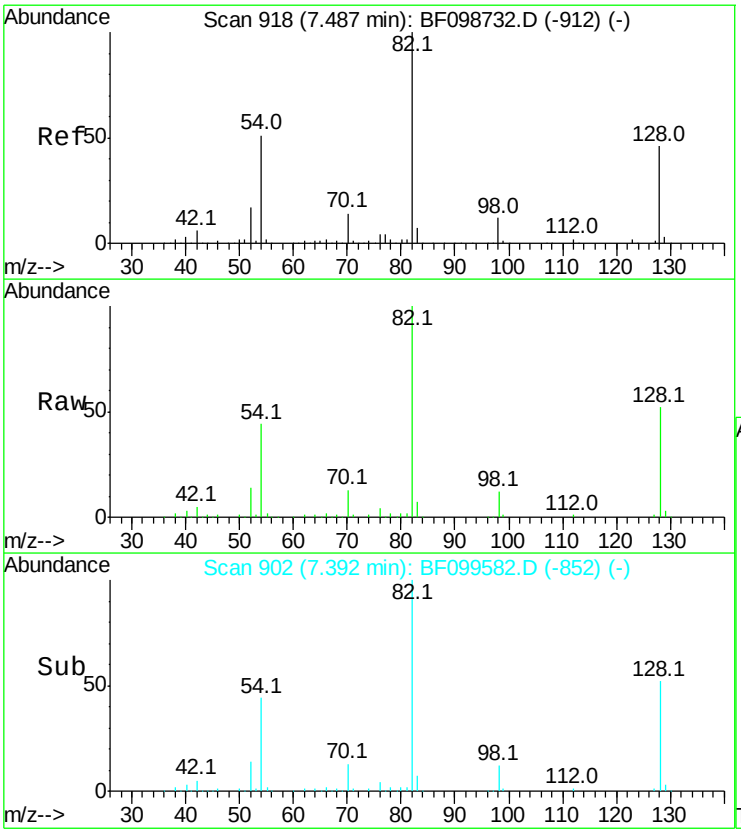
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF099582.D
Acq: 17 Oct 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 367346

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.3	6.6	9.8
68	6.2	5.0	7.4

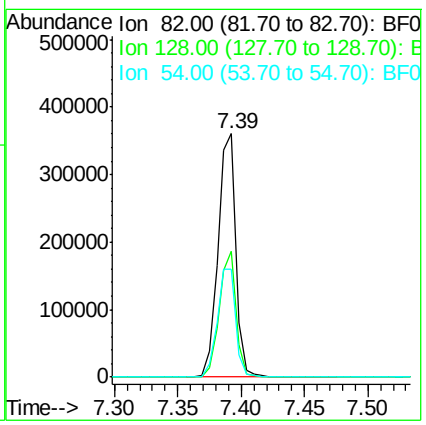


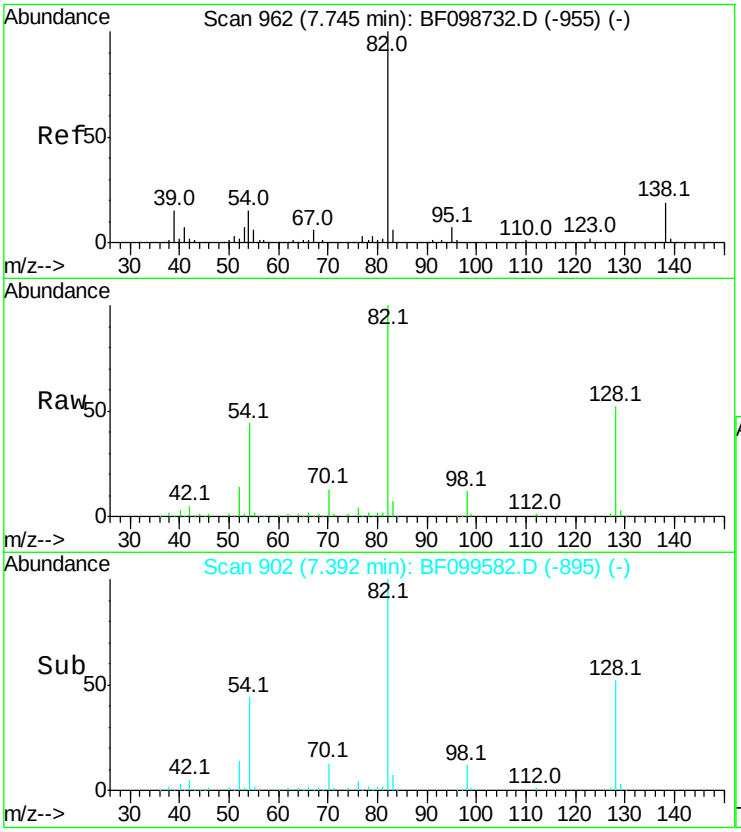


#23
Nitrobenzene-d5
Concen: 61.980 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099582.D
Acq: 17 Oct 2017 15:48

Tgt Ion: 82 Resp: 355031

Ion	Ratio	Lower	Upper
82	100		
128	51.6	36.1	54.1
54	44.4	41.4	62.2



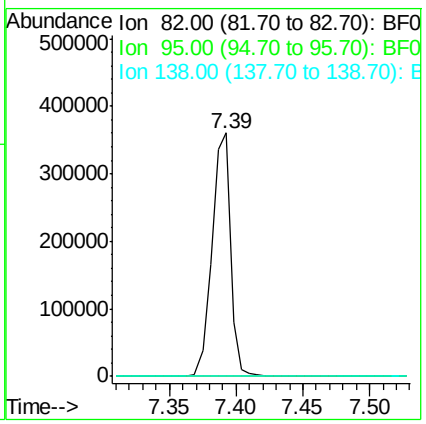


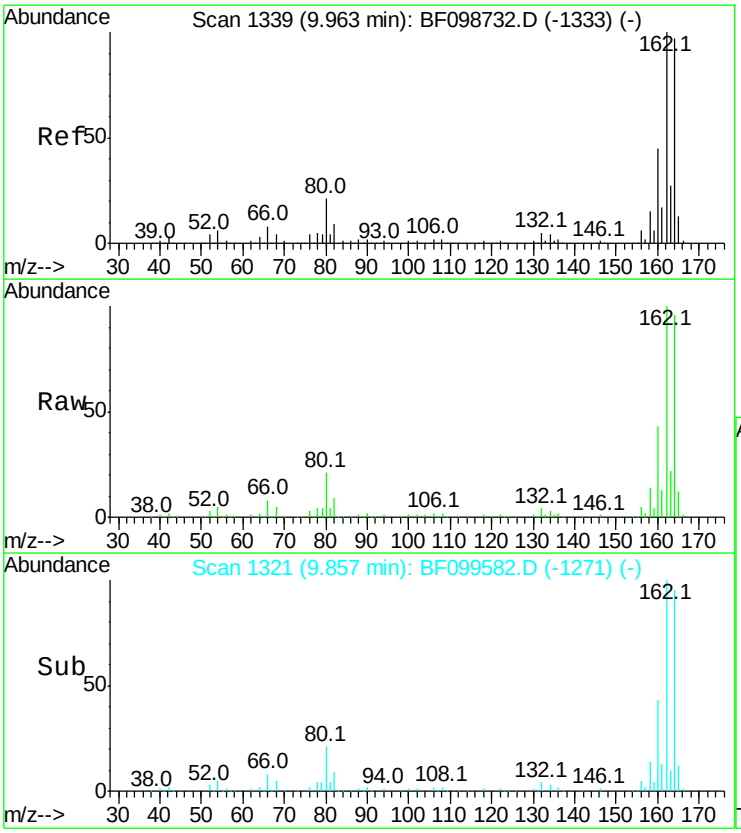
#25
Isophorone
Concen: 29.978 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.26 min
Lab File: BF099582.D
Acq: 17 Oct 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 355026

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

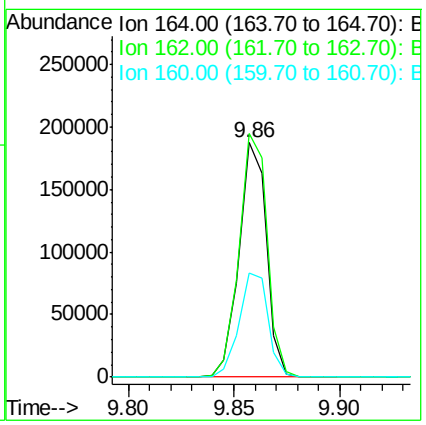


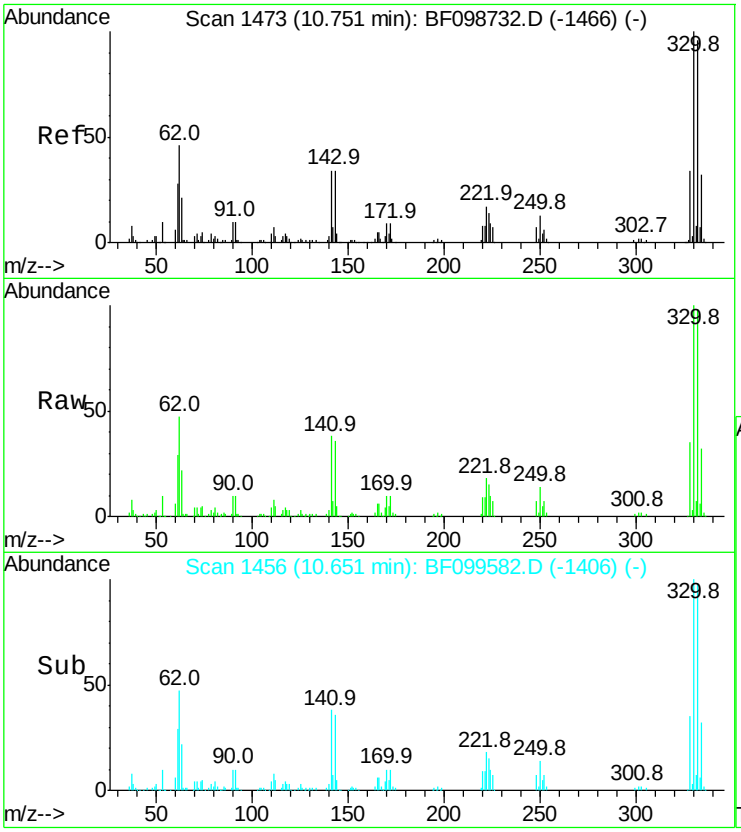


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF099582.D
Acq: 17 Oct 2017 15:48

Tgt Ion:164 Resp: 168410

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	44.2	38.3	57.5



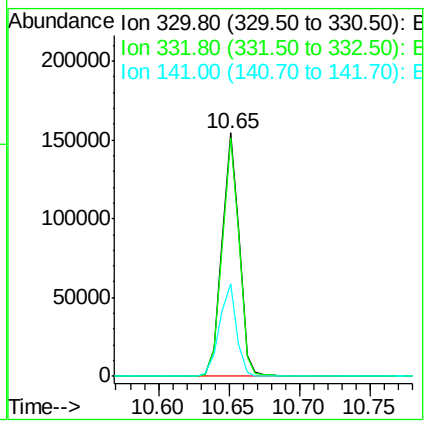


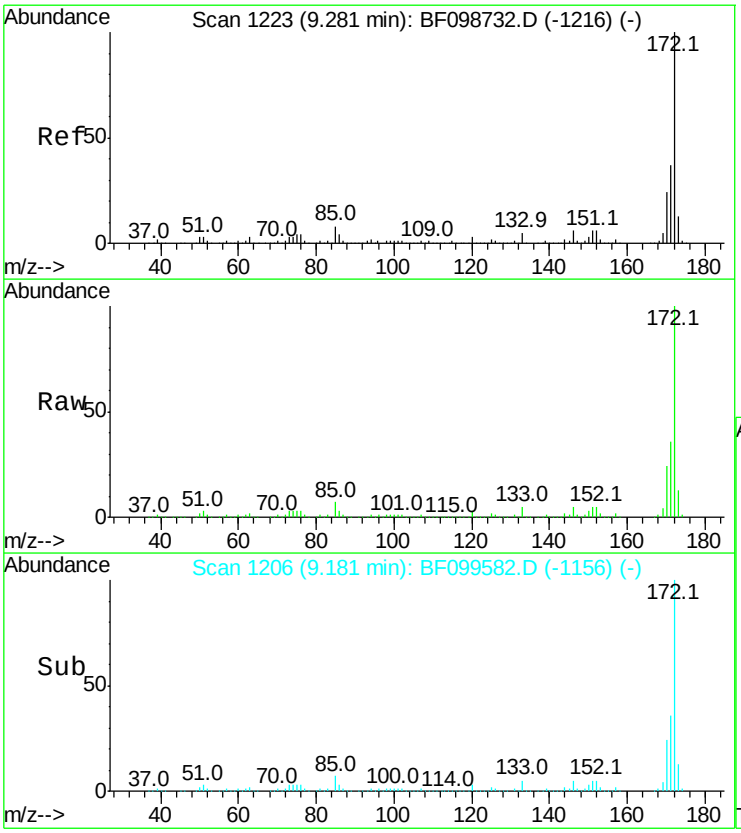
#41
2,4,6-Tribromophenol
Concen: 95.355 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF099582.D
Acq: 17 Oct 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 131404

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	37.7	29.9	44.9

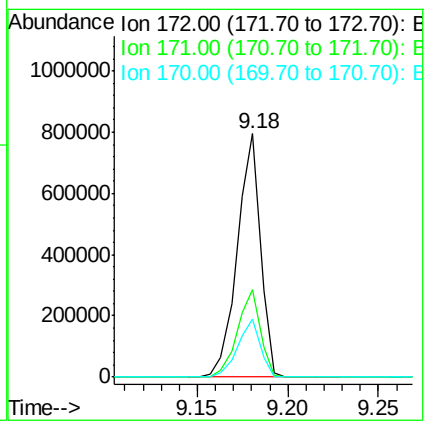


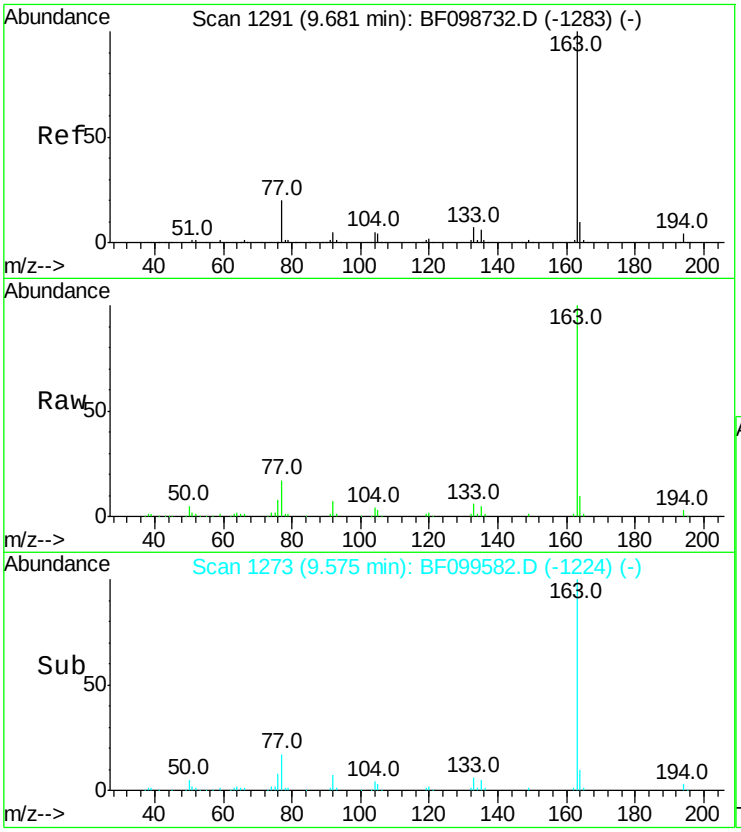


#44
2-Fluorobiphenyl
Concen: 69.921 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF099582.D
Acq: 17 Oct 2017 15:48

Tgt Ion:172 Resp: 705355

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.7	19.6	29.4



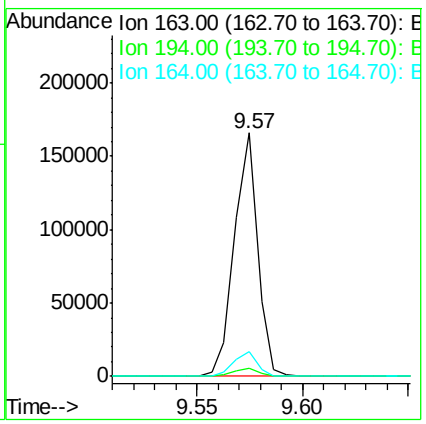


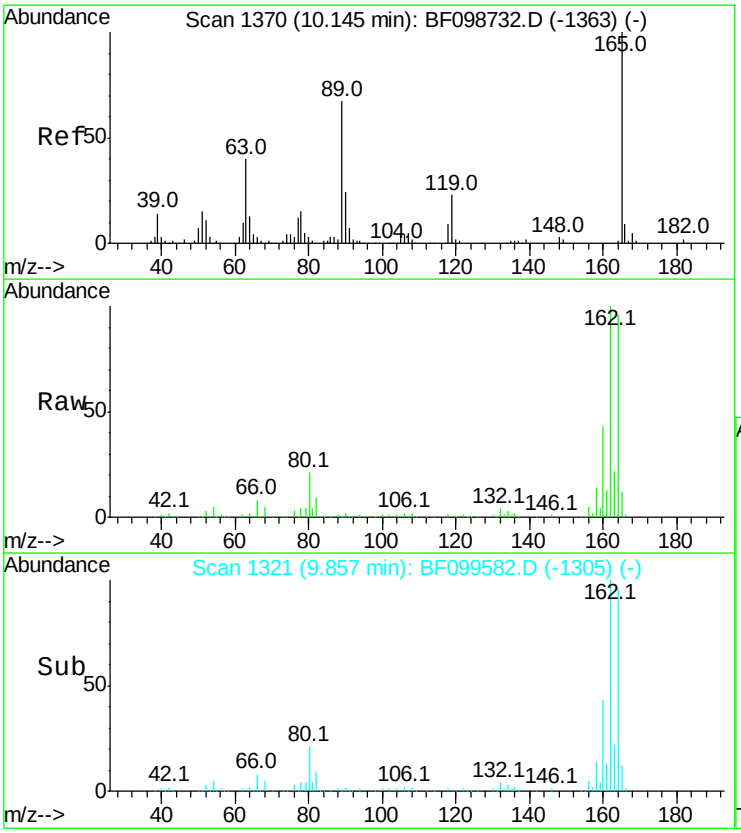
#49
Dimethylphthalate
Concen: 9.948 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF099582.D
Acq: 17 Oct 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 126440

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.9	8.2	12.2

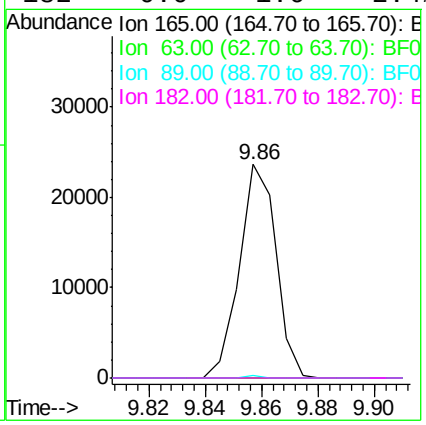


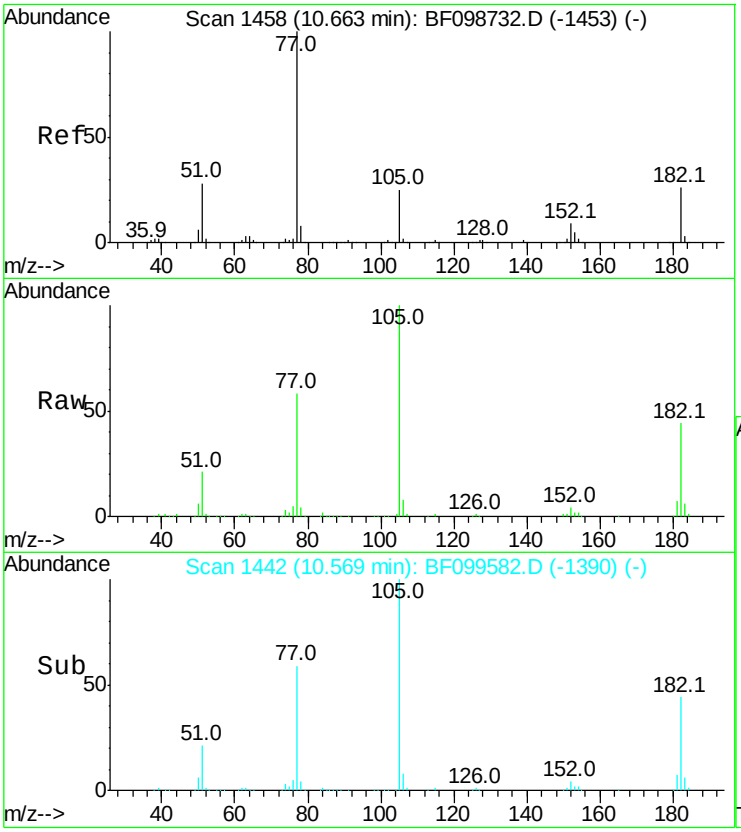


#56
2,4-Dinitrotoluene
Concen: 5.930 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.21 min
Lab File: BF099582.D
Acq: 17 Oct 2017 15:48

Tgt Ion:165 Resp: 21296

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#



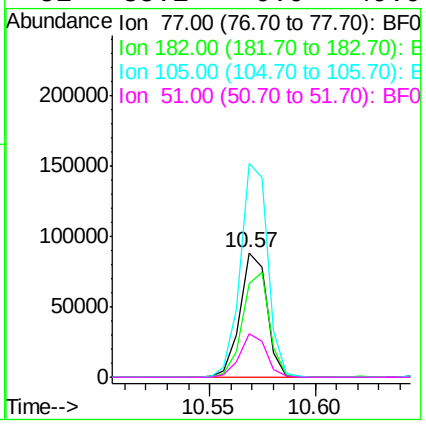


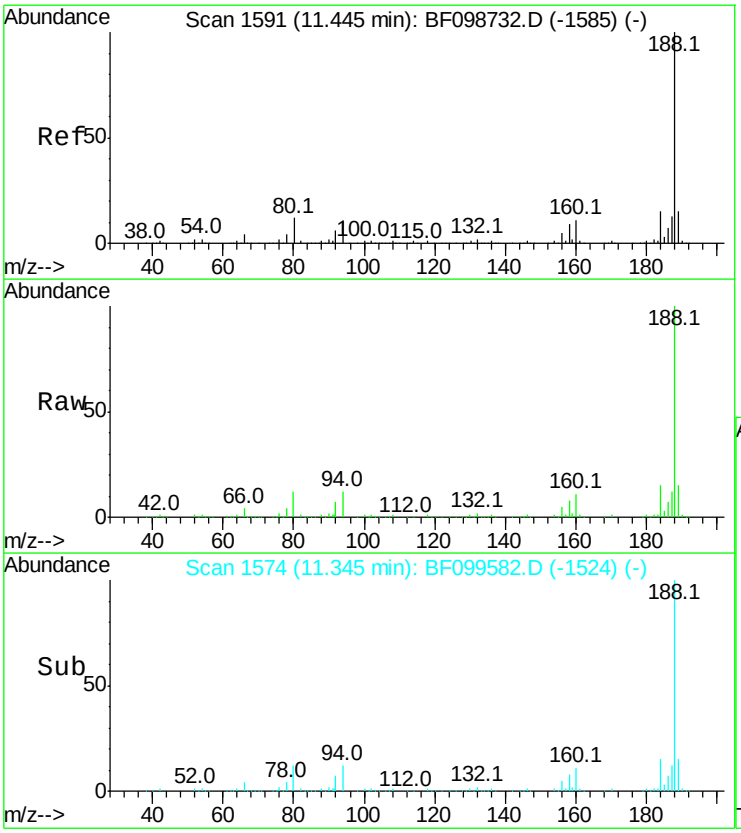
#62
Azobenzene
Concen: 6.833 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF099582.D
Acq: 17 Oct 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 78037

Ion	Ratio	Lower	Upper
77	100		
182	74.5	1.7	41.7#
105	171.1	3.0	43.0#
51	35.1	9.9	49.9

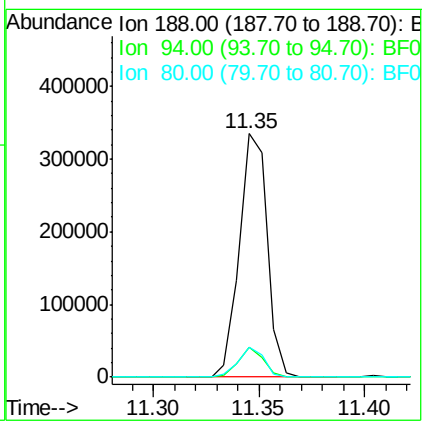


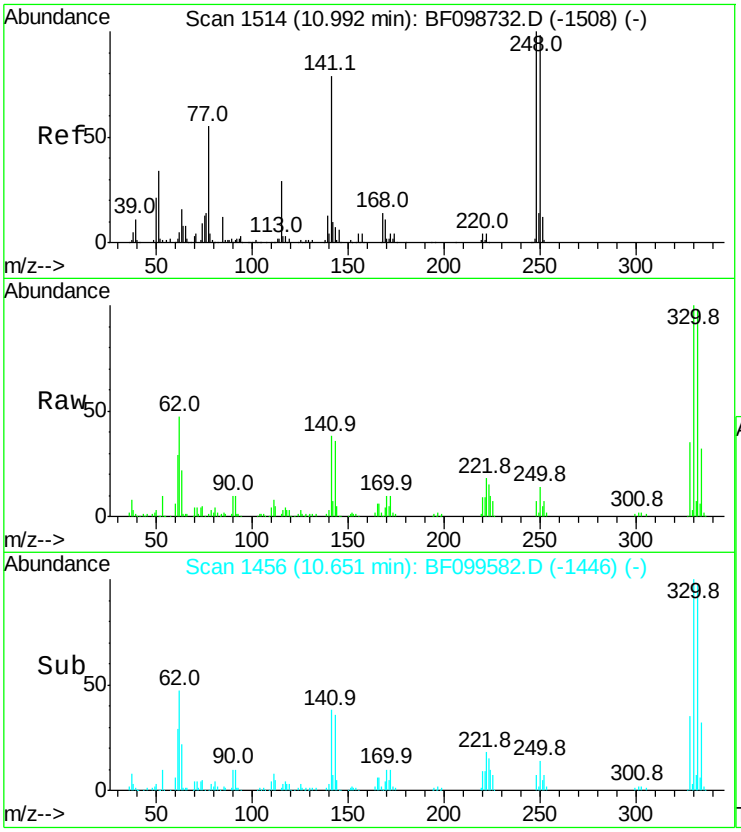


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF099582.D
Acq: 17 Oct 2017 15:48

Tgt Ion:188 Resp: 305952

Ion	Ratio	Lower	Upper
188	100		
94	12.0	8.5	12.7
80	12.3	9.2	13.8



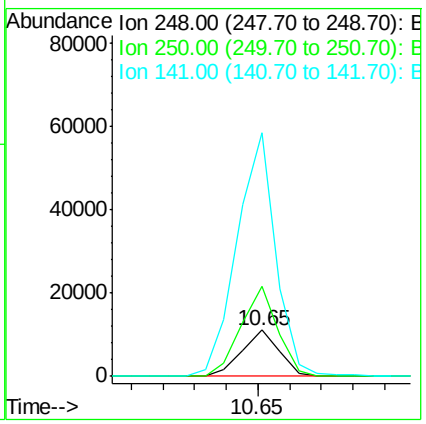


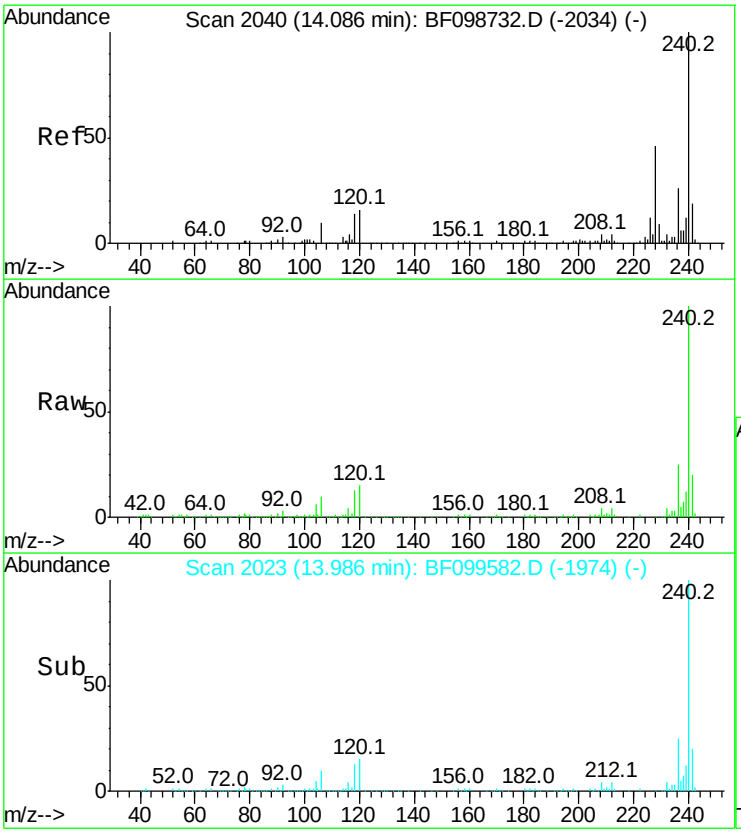
#66
4-Bromophenyl-phenylether
Concen: 3.050 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.24 min
Lab File: BF099582.D
Acq: 17 Oct 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9133

Ion	Ratio	Lower	Upper
248	100		
250	193.5	76.9	115.3#
141	524.7	74.4	111.6#

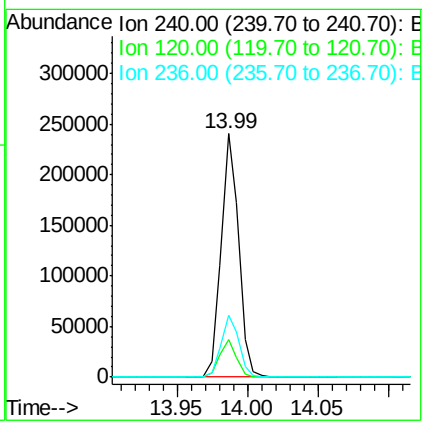


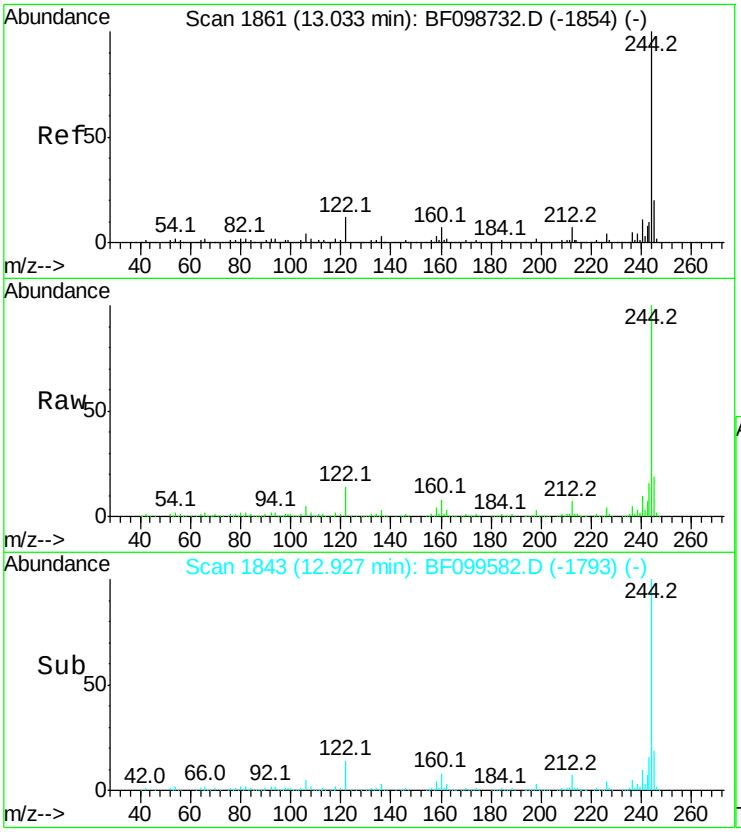


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF099582.D
Acq: 17 Oct 2017 15:48

Tgt Ion:240 Resp: 207437

Ion	Ratio	Lower	Upper
240	100		
120	15.2	9.5	14.3#
236	25.2	20.7	31.1



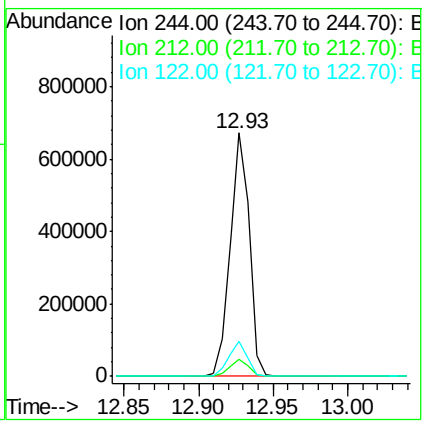


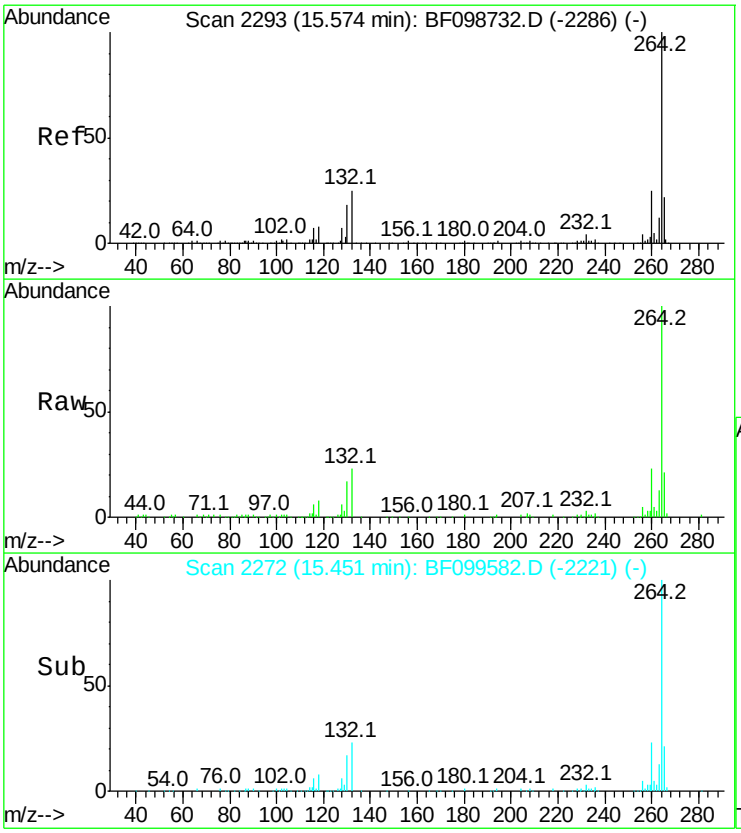
#78
Terphenyl-d14
Concen: 66.787 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF099582.D
Acq: 17 Oct 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 609181

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.2	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BF099582.D
Acq: 17 Oct 2017 15:48

Tgt Ion:264 Resp: 150534

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.2	17.5	26.3