Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
Data File : BF099990.D
Acq On : 31 Oct 2017 5:27
Operator : SJ/JU
Sample : I6083-16
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 31 05:53:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	98454	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	393138	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	179860	20.00	ng		-0.02
63) Phenanthrene-d10	11.32	188	312424	20.00	ng		-0.02
75) Chrysene-d12	13.98	240	202185	20.00	ng		-0.01
86) Perylene-d12	15.47	264	181257	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	241015	38.43	ng		0.00
7) Phenol-d6	6.43	99	189323	25.46	ng		-0.01
23) Nitrobenzene-d5	7.36	82	500662	81.99	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	132524	80.85	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	981403	84.18	ng		-0.01
78) Terphenyl-d14	12.91	244	849925	91.87	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.45	94	17254	2.113	ng		85
19) n-Nitroso-di-n-propylamine	7.36	70	61187	14.042	ng	#	73
25) Isophorone	7.36	82	500662	45.183	ng	#	64
50) 2,6-Dinitrotoluene	9.82	165	22475	7.506	ng	#	24
56) 2,4-Dinitrotoluene	9.82	165	22475	6.233	ng	#	21
62) Azobenzene	10.54	77	25386	2.177	ng	#	1
66) 4-Bromophenyl-phenylether	10.62	248	8342	2.536	ng	#	1

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

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ClientSampleId :

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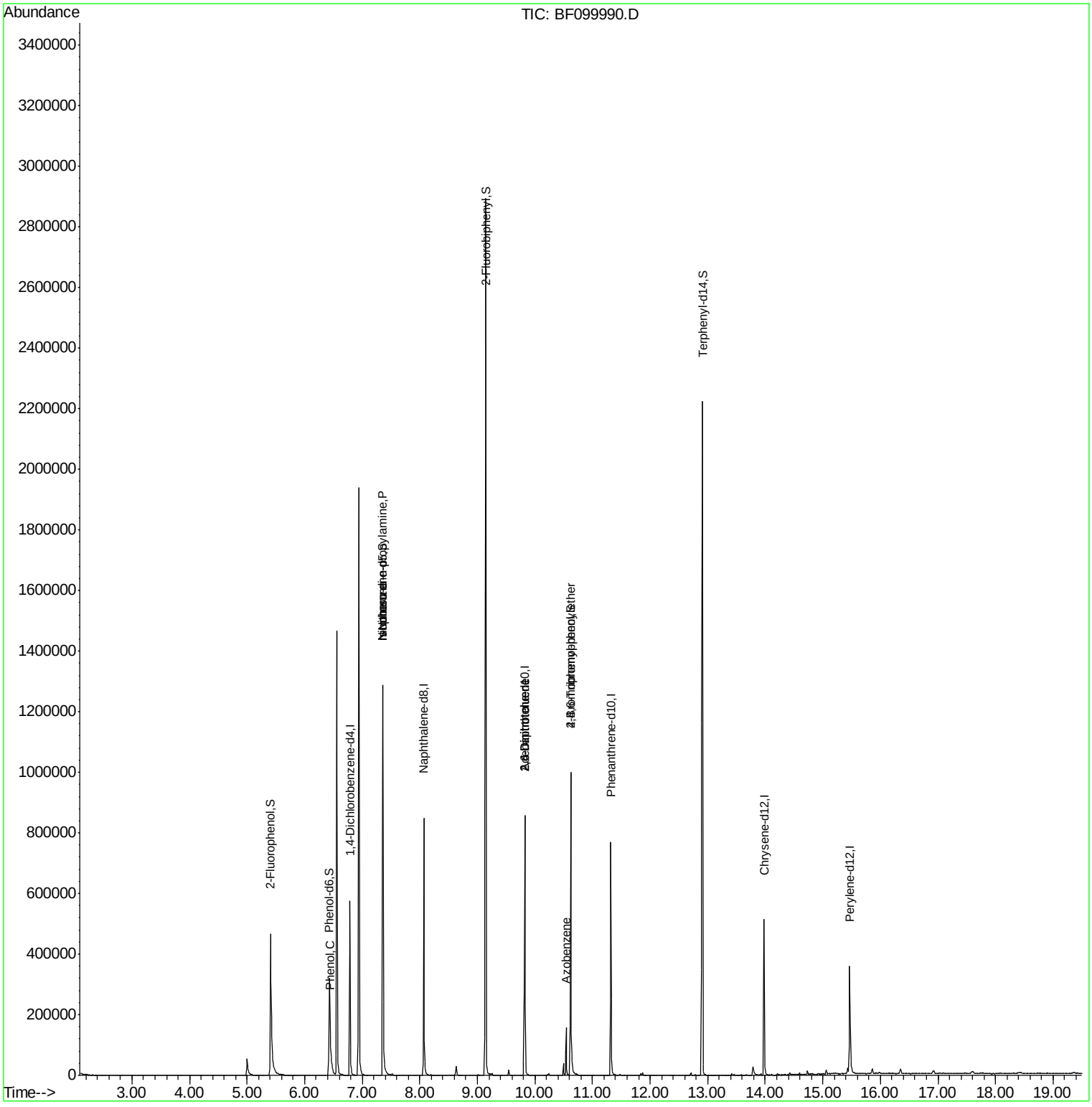
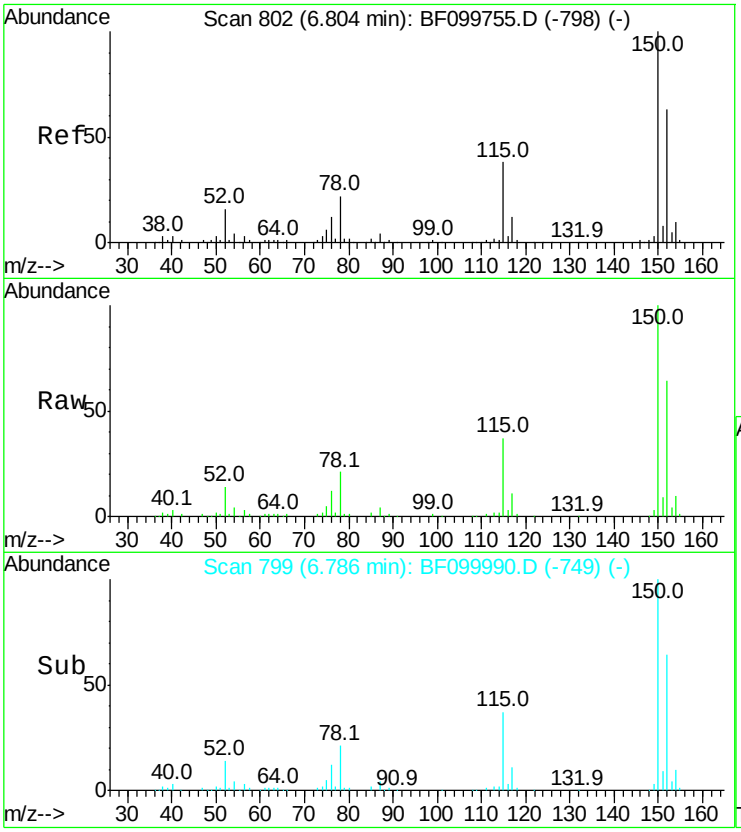


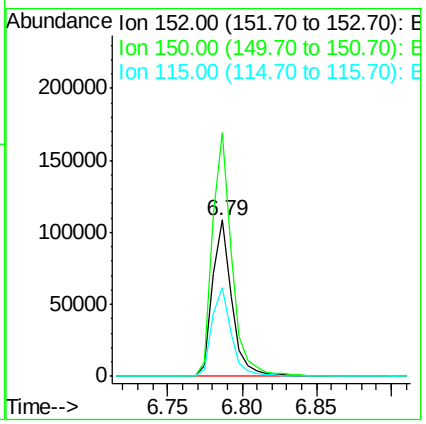


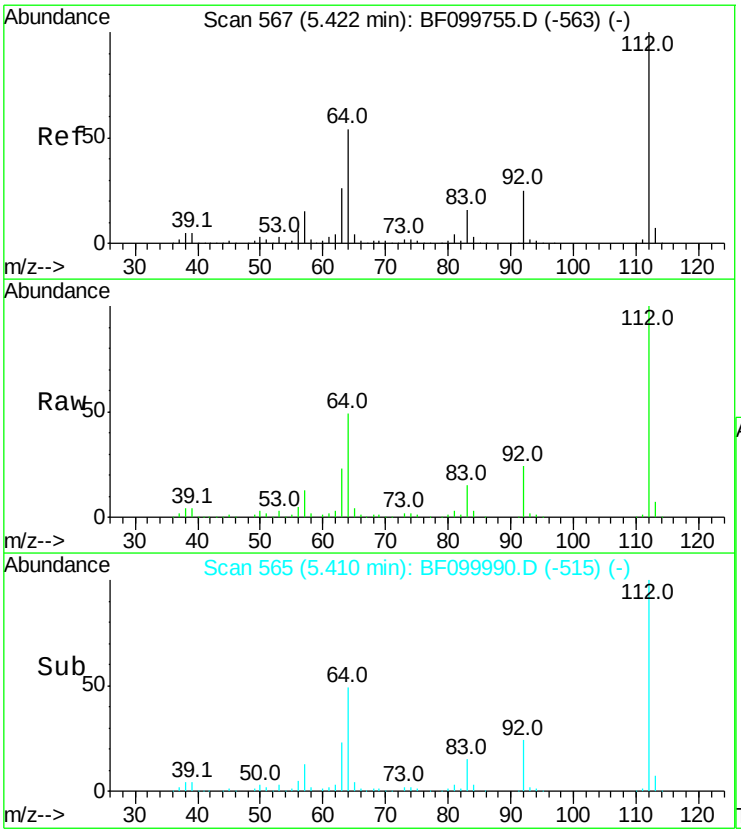
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099990.D
Acq: 31 Oct 2017 5:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 98454

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	57.2	50.1	75.1

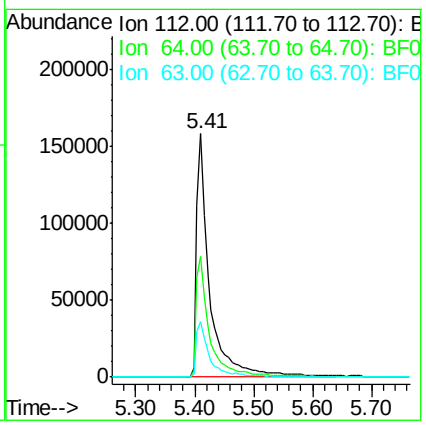


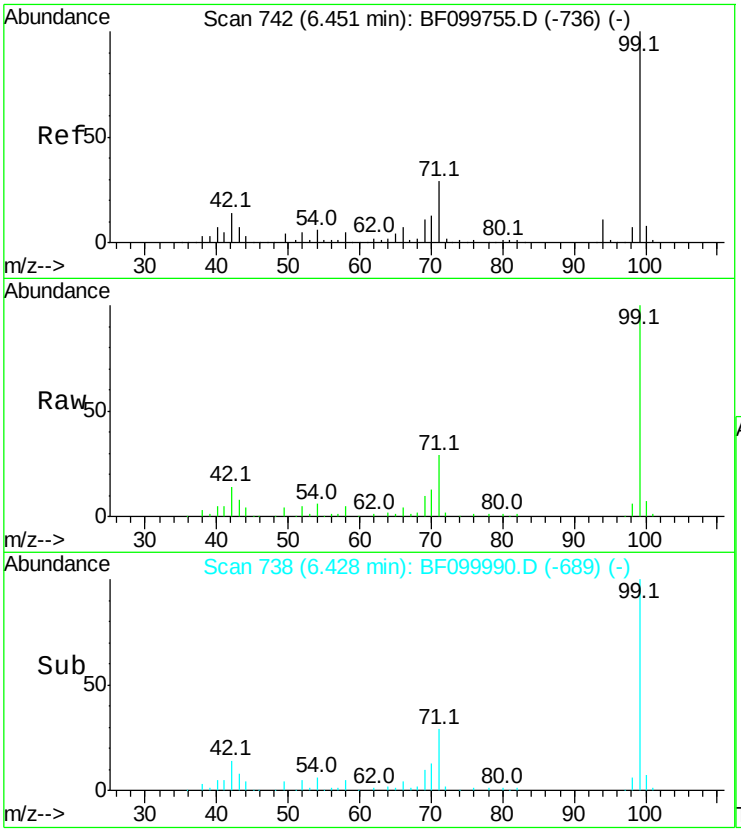


#5
2-Fluorophenol
Concen: 38.433 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099990.D
Acq: 31 Oct 2017 5:27

Tgt Ion:112 Resp: 241015

Ion	Ratio	Lower	Upper
112	100		
64	49.5	47.9	71.9
63	22.7	23.7	35.5#



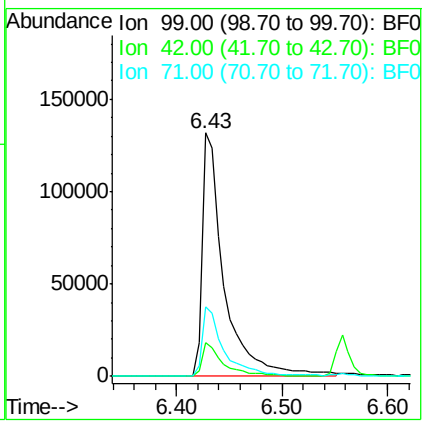


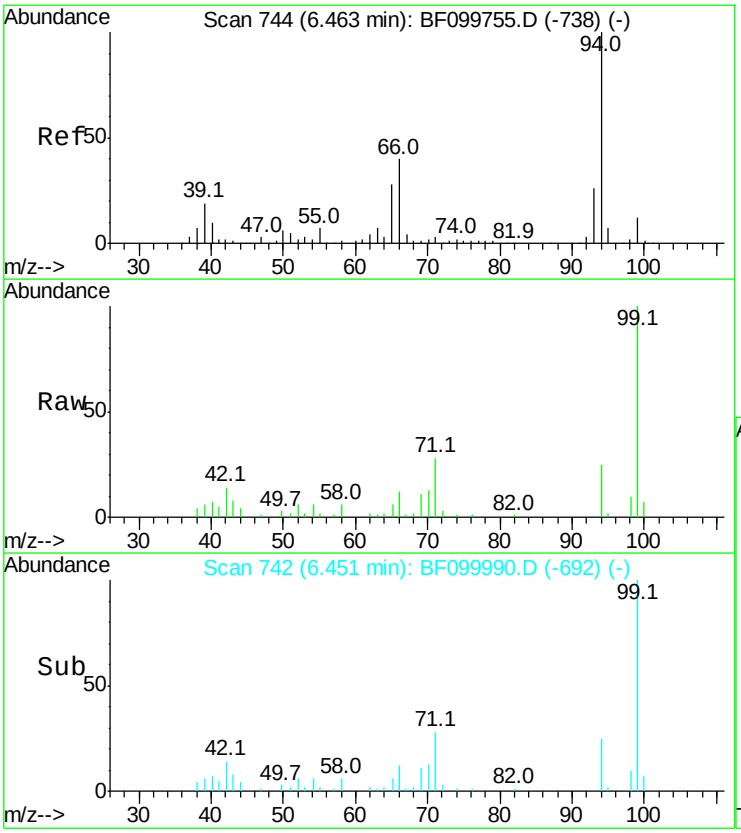
#7
Phenol-d6
Concen: 25.461 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF099990.D
Acq: 31 Oct 2017 5:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 189323

Ion	Ratio	Lower	Upper
99	100		
42	13.7	14.5	21.7#
71	28.7	25.4	38.0

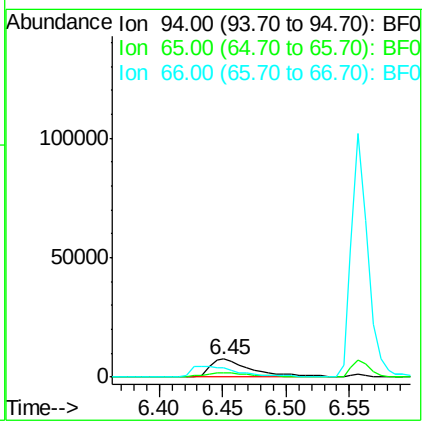


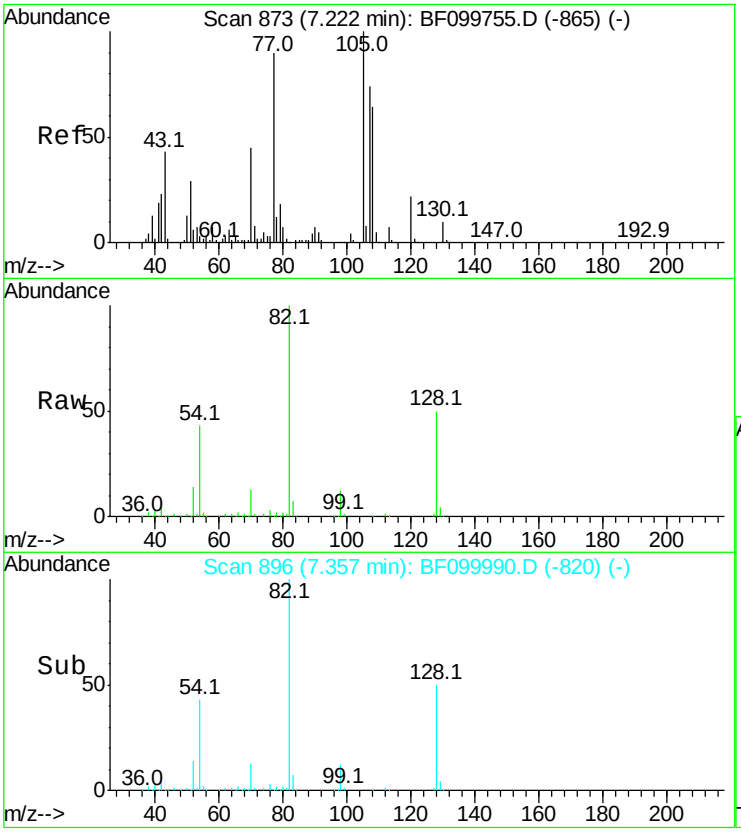


#10
Phenol
Concen: 2.113 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF099990.D
Acq: 31 Oct 2017 5:27

Tgt Ion: 94 Resp: 17254

Ion	Ratio	Lower	Upper
94	100		
65	24.3	7.9	47.9
66	49.1	16.2	56.2



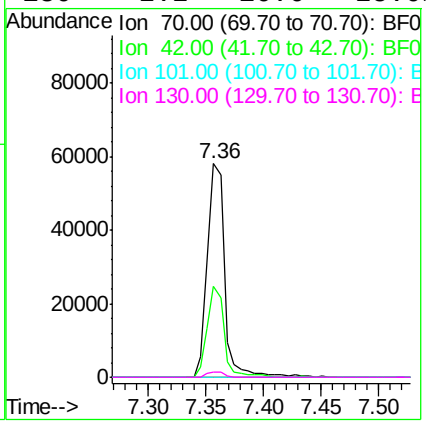


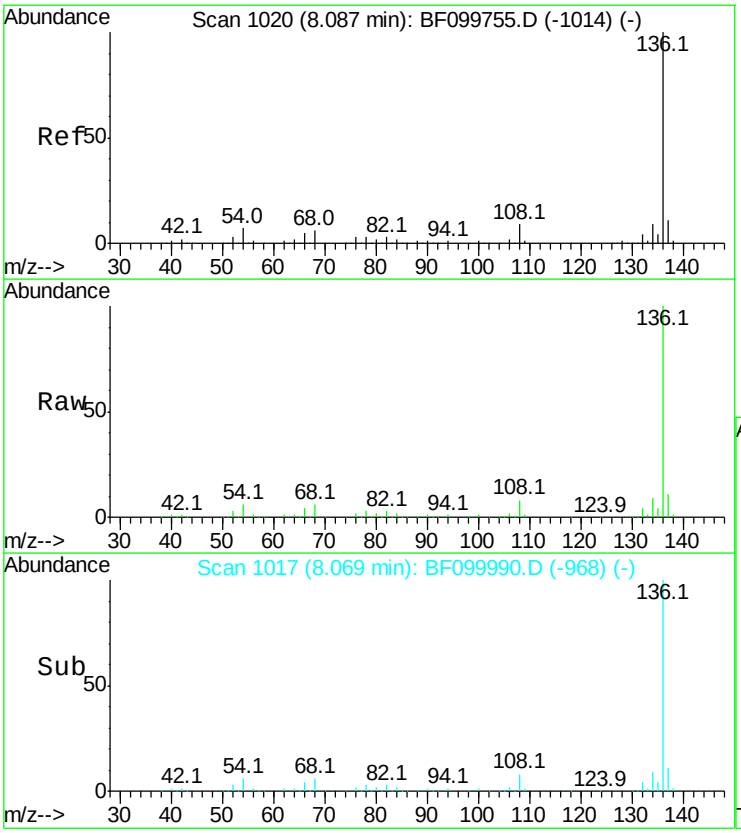
#19
n-Nitroso-di-n-propylamine
Concen: 14.042 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF099990.D
Acq: 31 Oct 2017 5:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 61187

Ion	Ratio	Lower	Upper
70	100		
42	42.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

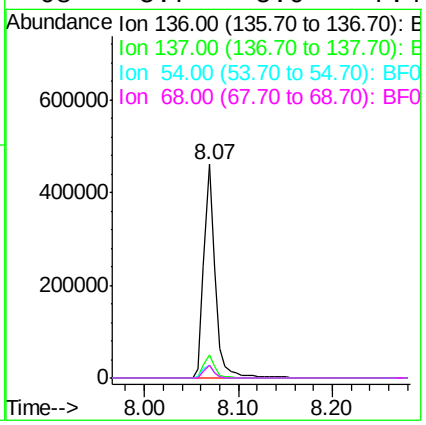


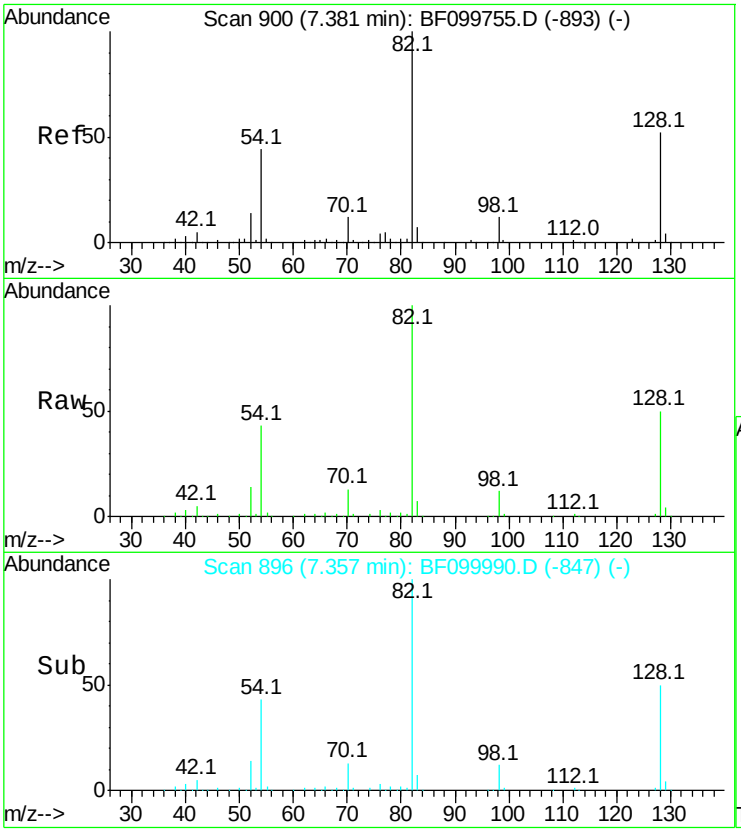


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099990.D
Acq: 31 Oct 2017 5:27

Tgt Ion:136 Resp: 393138

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.2	6.6	9.8#
68	5.7	5.0	7.4

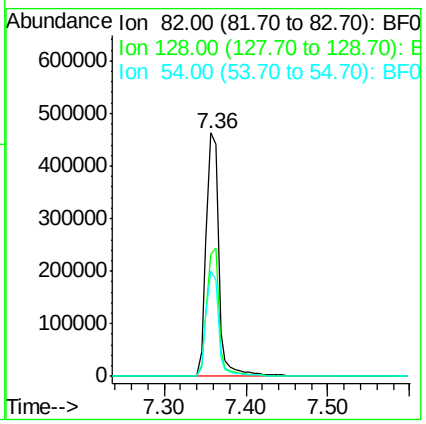




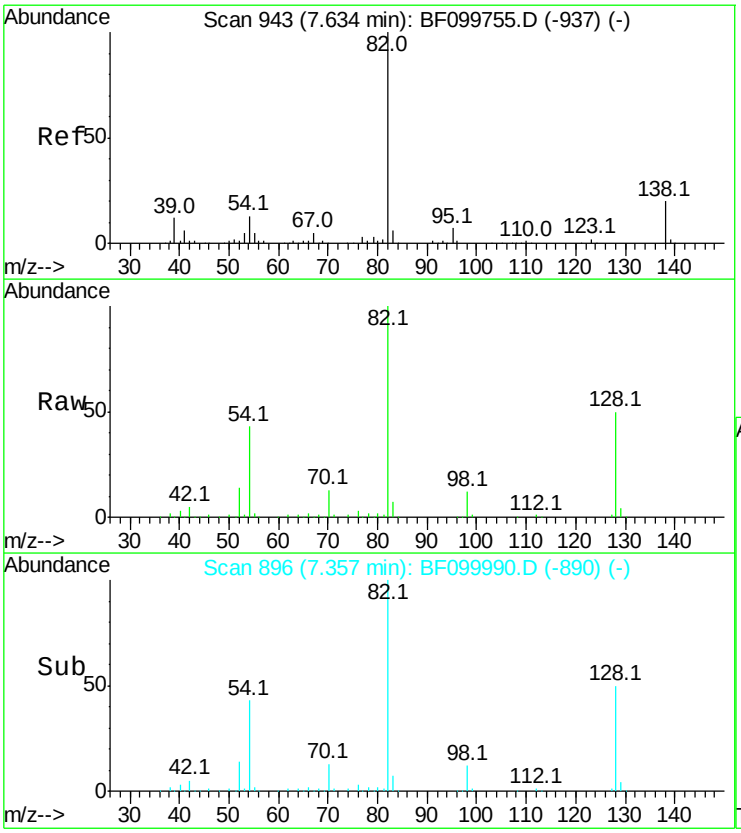
#23
Nitrobenzene-d5
Concen: 81.989 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099990.D
Acq: 31 Oct 2017 5:27

Tgt Ion: 82 Resp: 500662

Ion	Ratio	Lower	Upper
82	100		
128	50.2	36.1	54.1
54	43.5	41.4	62.2



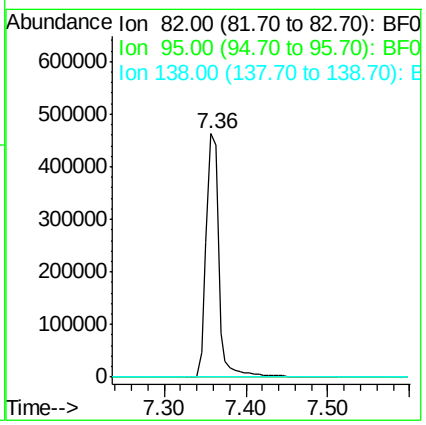
Instrument :
BNA_F
ClientSampleId :

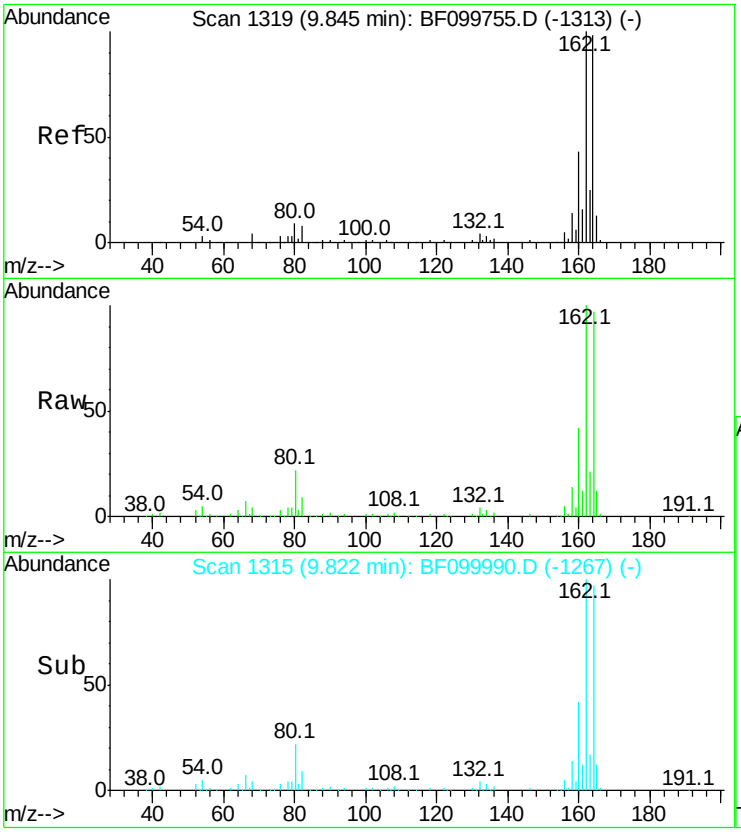


#25
Isophorone
Concen: 45.183 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF099990.D
Acq: 31 Oct 2017 5:27

Tgt Ion: 82 Resp: 500662

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



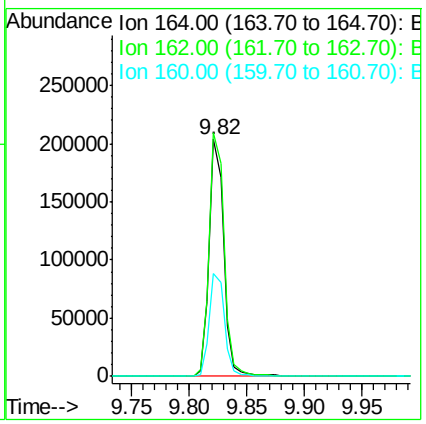


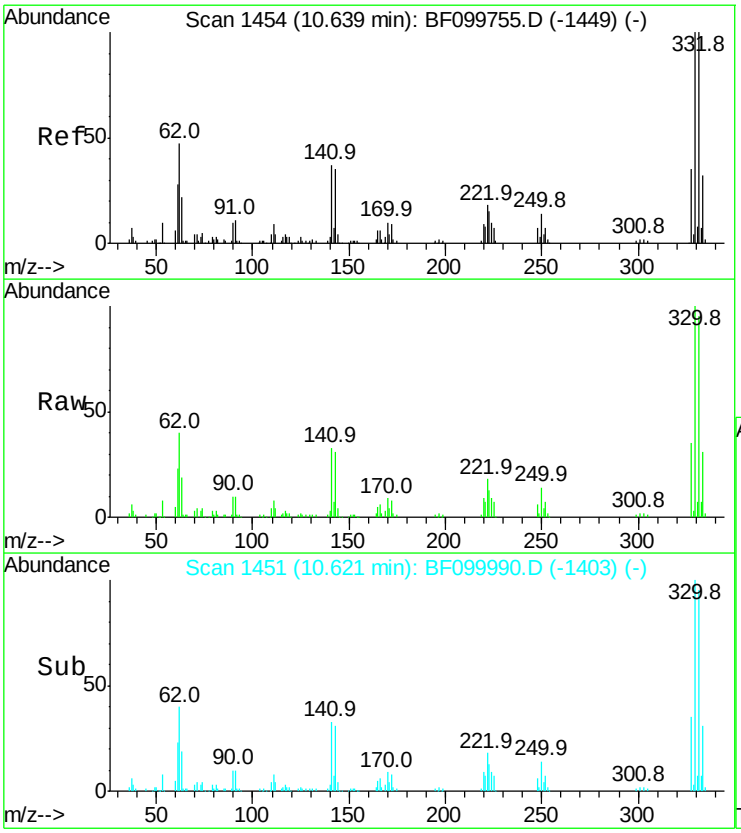
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099990.D
Acq: 31 Oct 2017 5:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 179860

Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	43.3	38.3	57.5

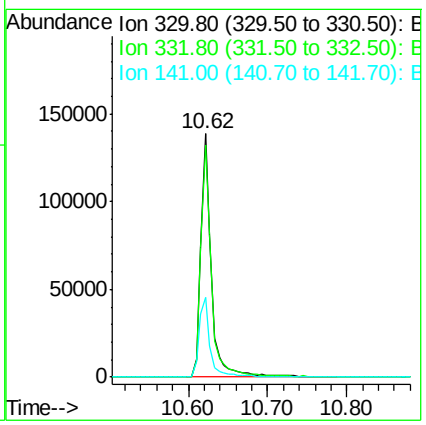


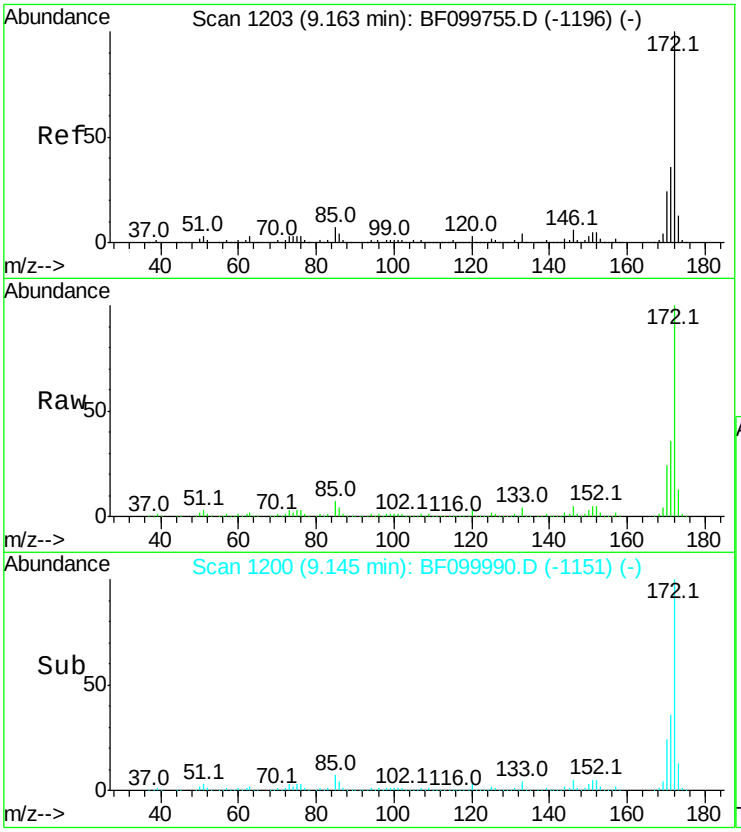


#41
2,4,6-Tribromophenol
Concen: 80.852 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF099990.D
Acq: 31 Oct 2017 5:27

Tgt Ion:330 Resp: 132524

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	34.2	29.9	44.9



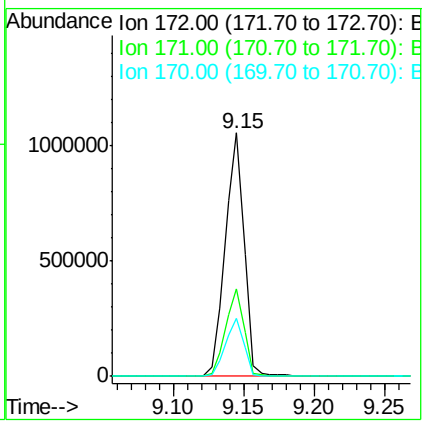


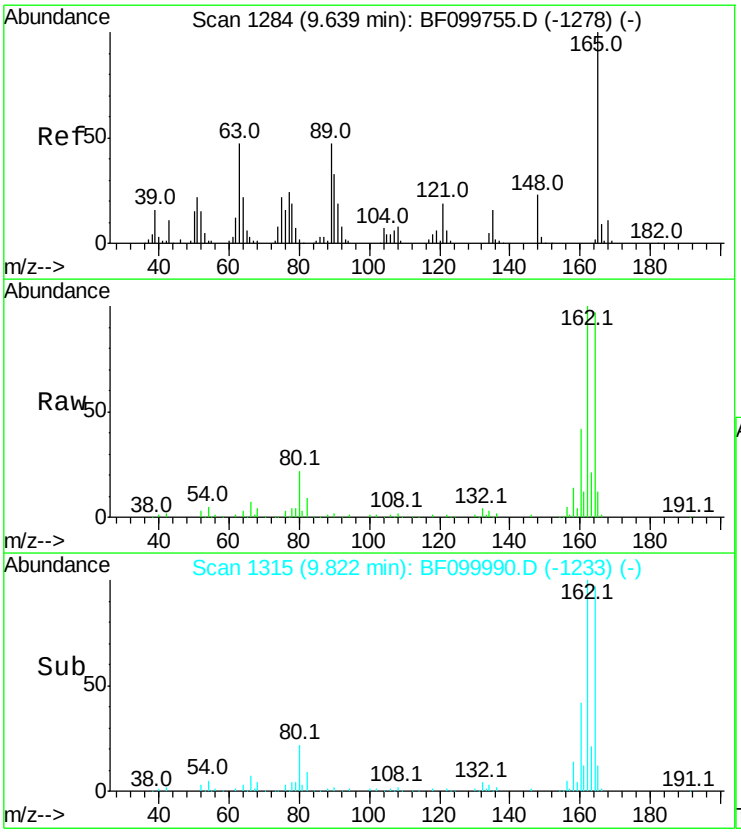
#44
2-Fluorobiphenyl
Concen: 84.185 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF099990.D
Acq: 31 Oct 2017 5:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 981403

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

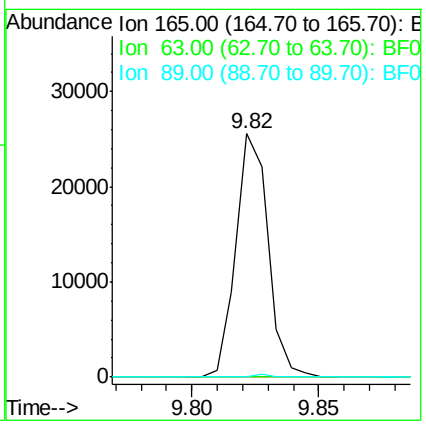


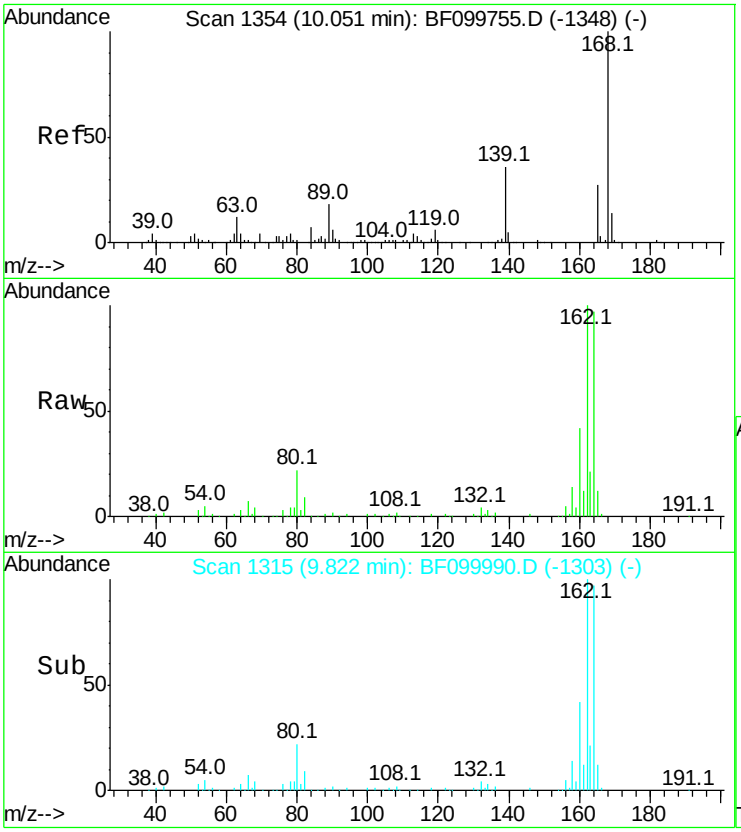


#50
2,6-Dinitrotoluene
Concen: 7.506 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.18 min
Lab File: BF099990.D
Acq: 31 Oct 2017 5:27

Tgt Ion:165 Resp: 22475

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



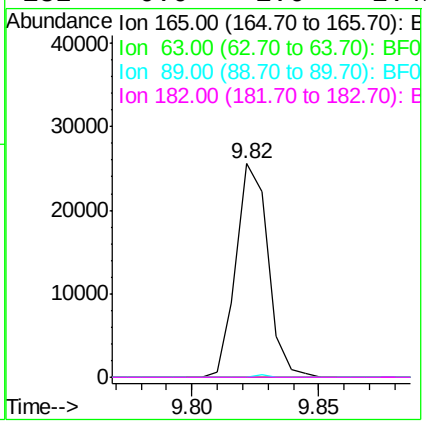


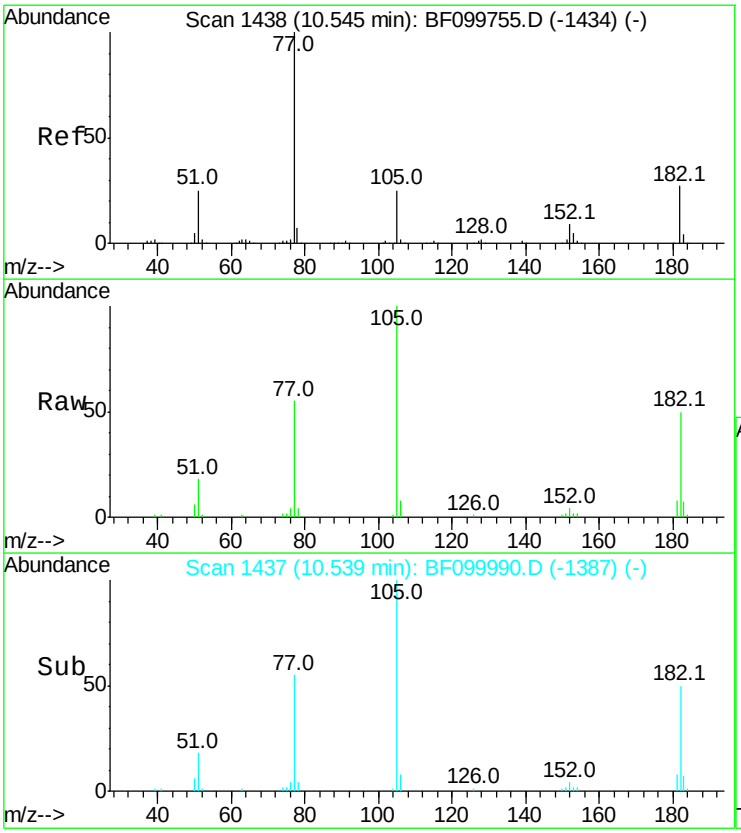
#56
2,4-Dinitrotoluene
Concen: 6.233 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.23 min
Lab File: BF099990.D
Acq: 31 Oct 2017 5:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22475

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#

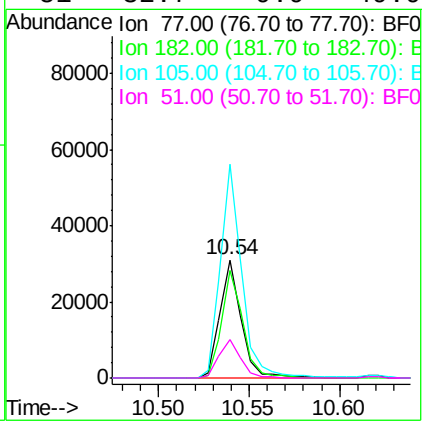


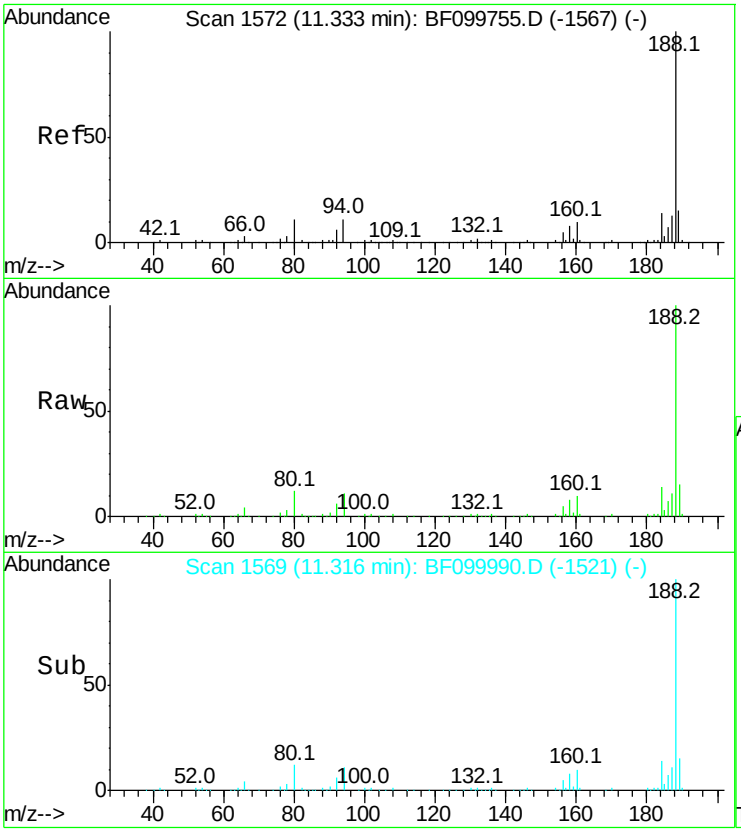


#62
Azobenzene
Concen: 2.177 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF099990.D
Acq: 31 Oct 2017 5:27

Tgt Ion: 77 Resp: 25386

Ion	Ratio	Lower	Upper
77	100		
182	91.1	1.7	41.7#
105	181.3	3.0	43.0#
51	32.7	9.9	49.9



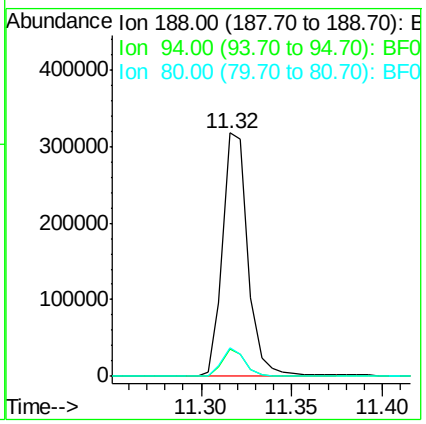


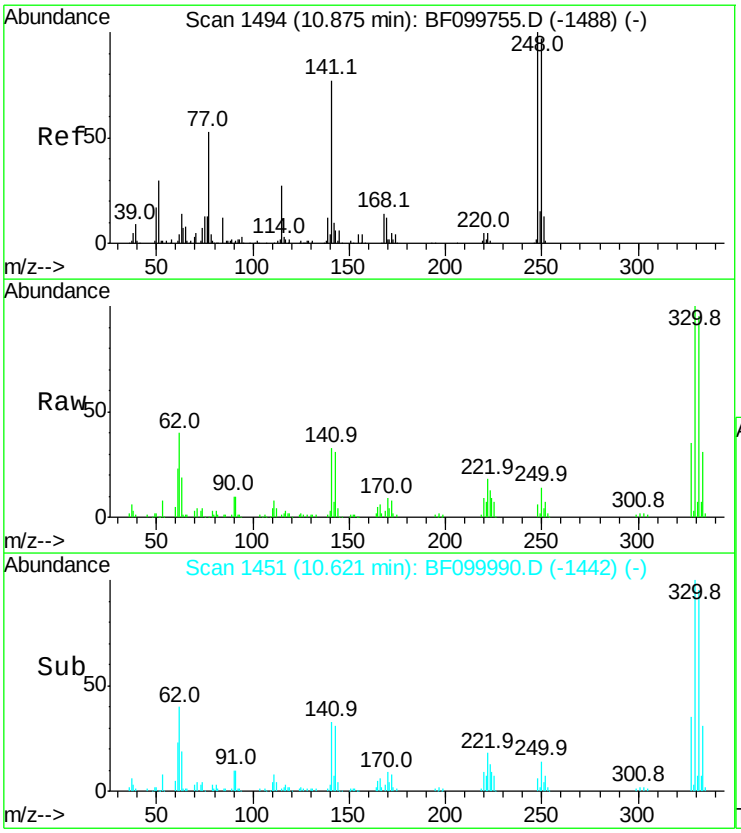
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF099990.D
Acq: 31 Oct 2017 5:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 312424

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.8	9.2	13.8

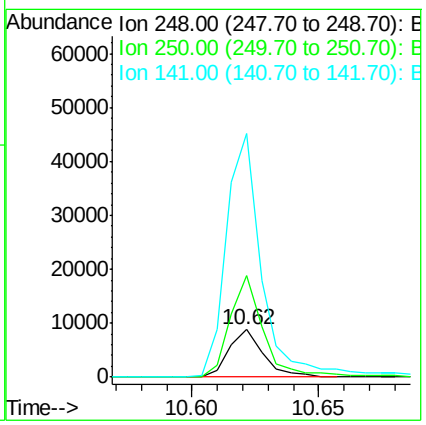


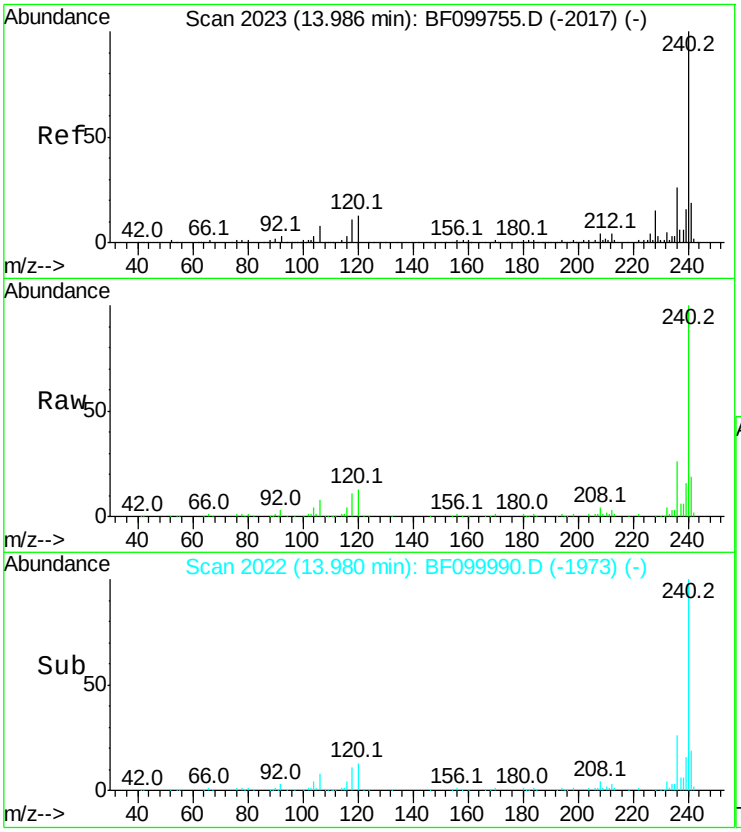


#66
4-Bromophenyl-phenylether
Concen: 2.536 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF099990.D
Acq: 31 Oct 2017 5:27

Tgt Ion:248 Resp: 8342

Ion	Ratio	Lower	Upper
248	100		
250	215.5	76.9	115.3#
141	514.1	74.4	111.6#



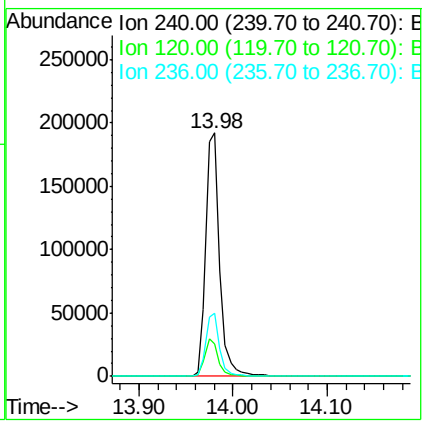


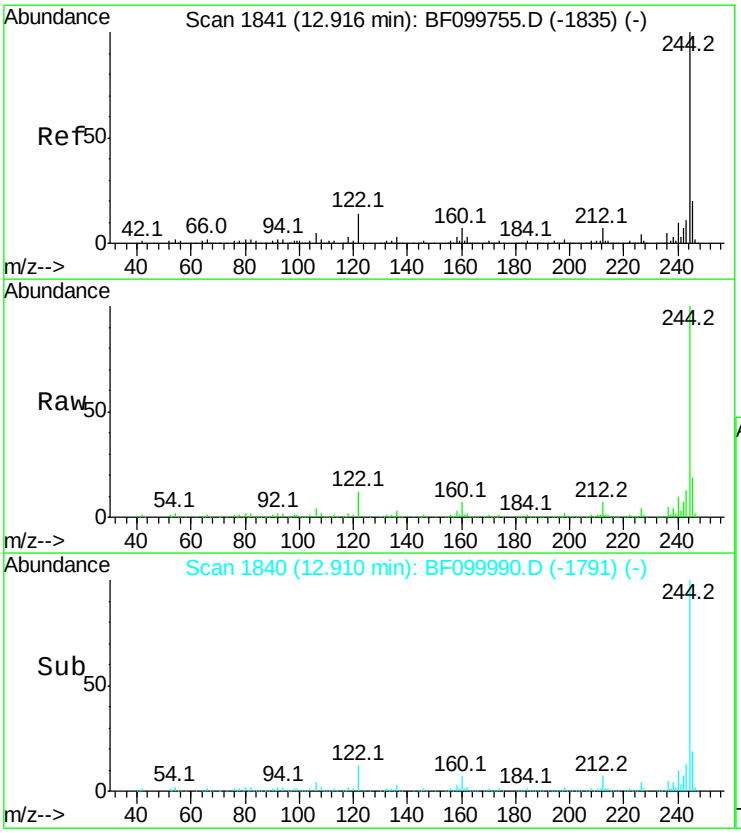
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099990.D
Acq: 31 Oct 2017 5:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 202185

Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	26.0	20.7	31.1

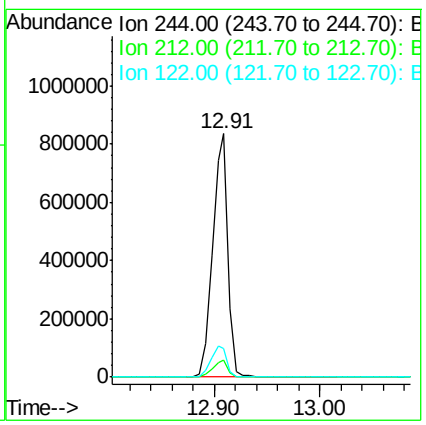


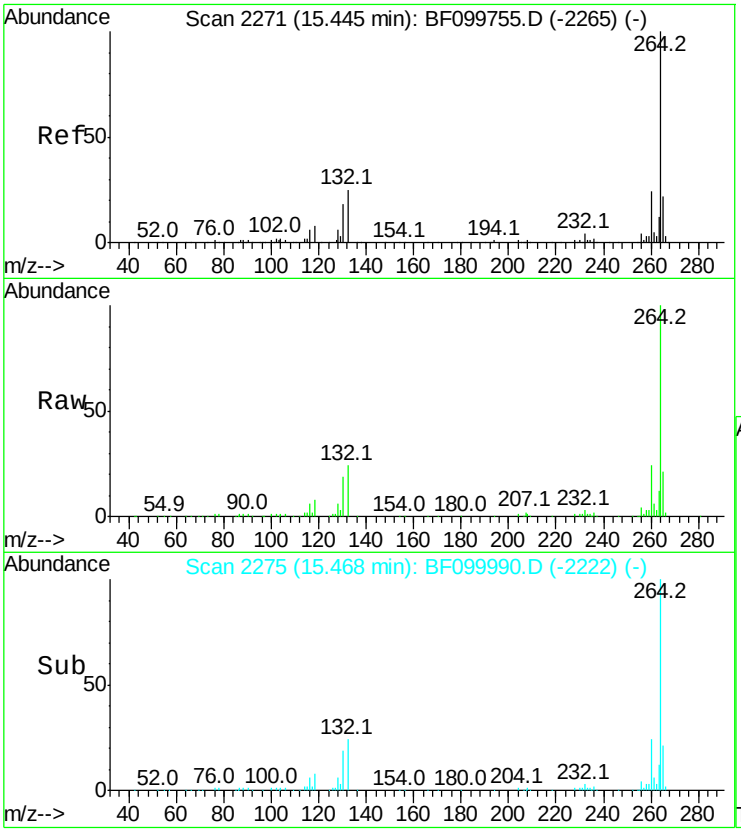


#78
Terphenyl-d14
Concen: 91.866 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF099990.D
Acq: 31 Oct 2017 5:27

Tgt Ion:244 Resp: 849925

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF099990.D
Acq: 31 Oct 2017 5:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 181257

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.6	17.5	26.3