Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122117\
Data File : BF101601.D
Acq On : 21 Dec 2017 12:40
Operator : SJ/JU
Sample : I6961-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-108-1(20-22)

Quant Time: Dec 21 13:26:50 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139214	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	561225	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	253043	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	485803	20.00	ng		0.00
75) Chrysene-d12	13.97	240	293239	20.00	ng		0.00
86) Perylene-d12	15.43	264	257824	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1158313	123.94	ng		0.01
7) Phenol-d6	6.44	99	1406811	120.95	ng		0.00
23) Nitrobenzene-d5	7.36	82	910149	90.27	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	282057	115.68	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1161940	71.23	ng		0.00
78) Terphenyl-d14	12.90	244	981604	80.70	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	61869	4.667	ng		84
19) n-Nitroso-di-n-propylamine	7.36	70	123137	16.121	ng	#	82
25) Isophorone	7.36	82	910149	45.001	ng	#	64
49) Dimethylphthalate	9.55	163	226550	11.131	ng		100
56) 2,4-Dinitrotoluene	9.83	165	32259	6.921	ng	#	23
62) Azobenzene	10.54	77	167469	8.021	ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	17908	3.281	ng	#	1

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

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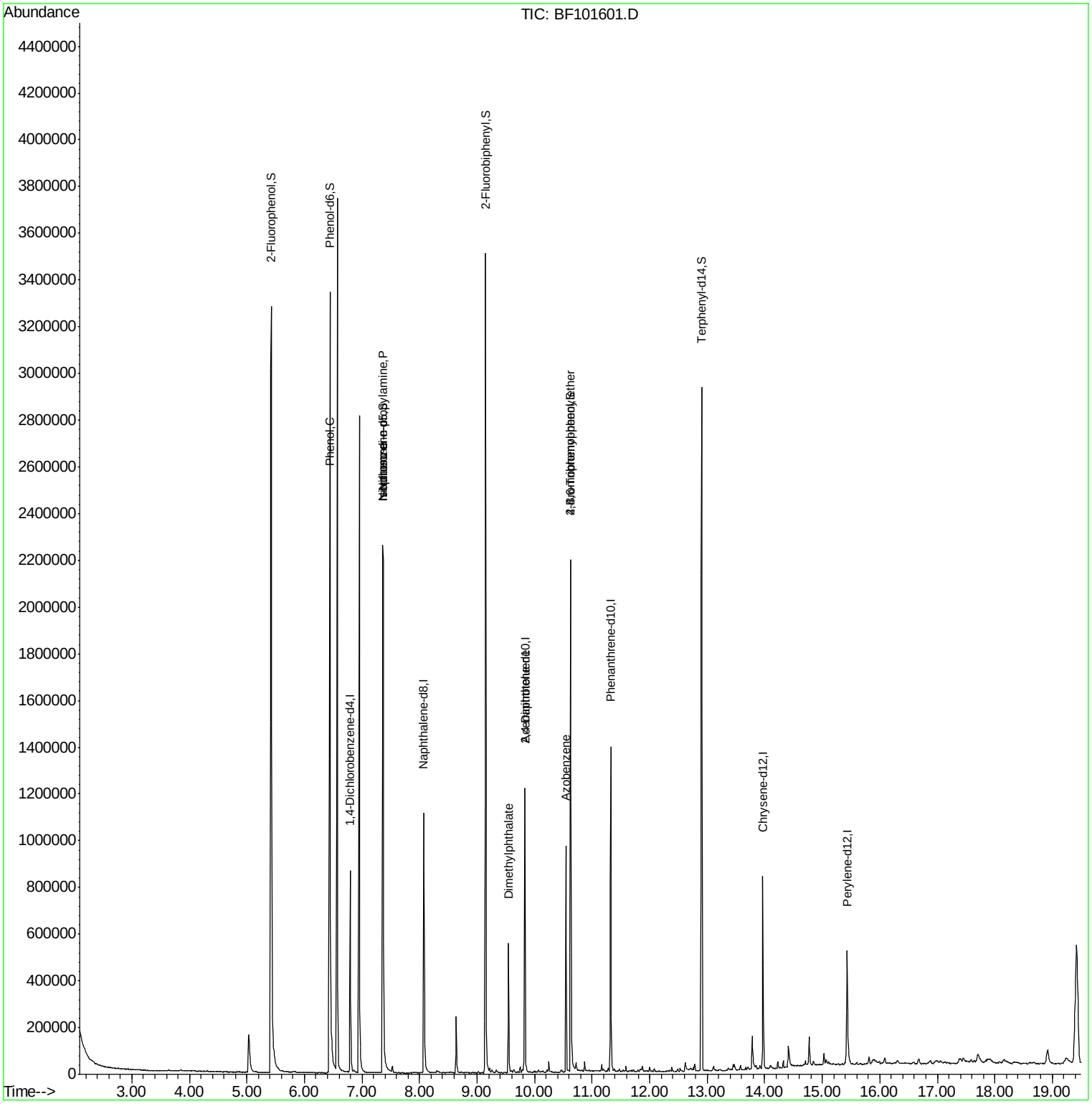
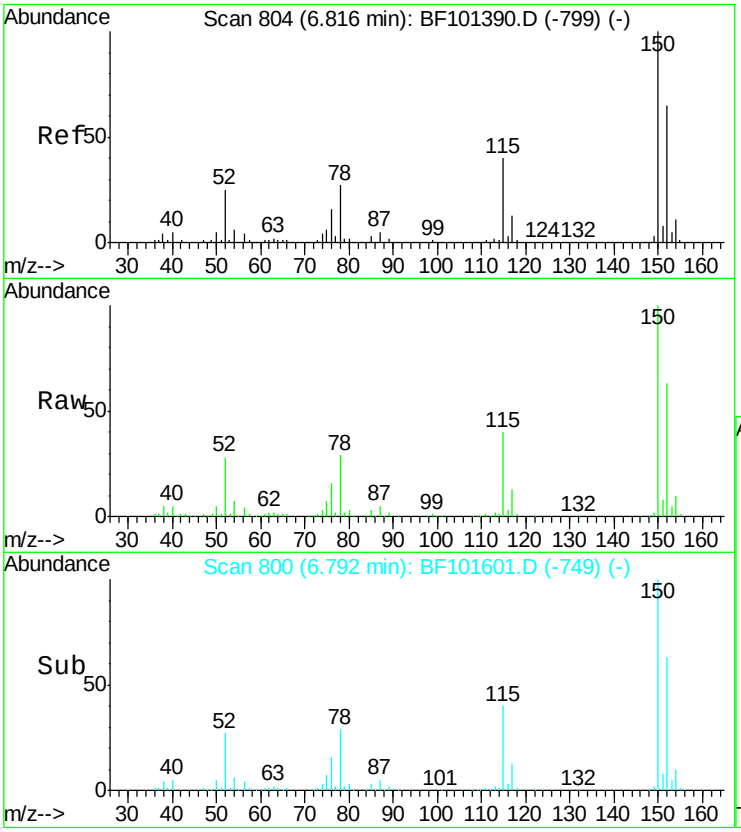


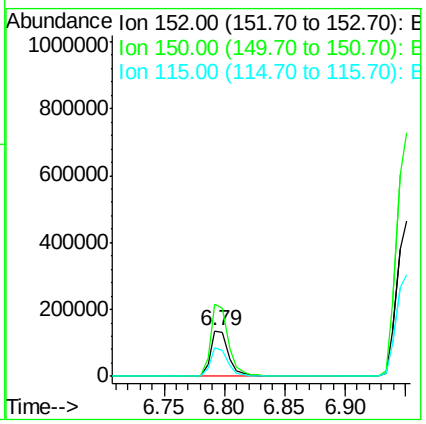


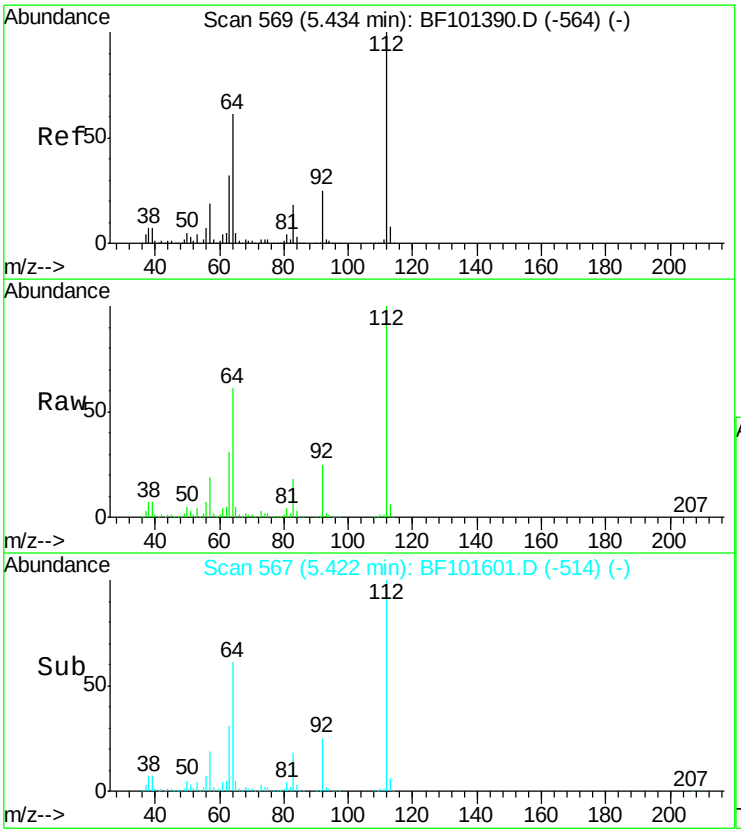
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF101601.D
Acq: 21 Dec 2017 12:40

Instrument :
BNA_F
ClientSampleId :
EPE-108-1(20-22)

Tgt Ion:152 Resp: 139214

Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	64.0	50.1	75.1

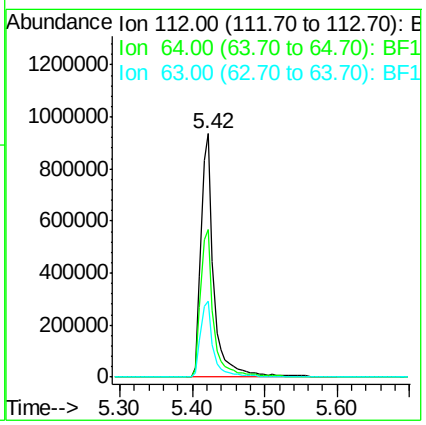


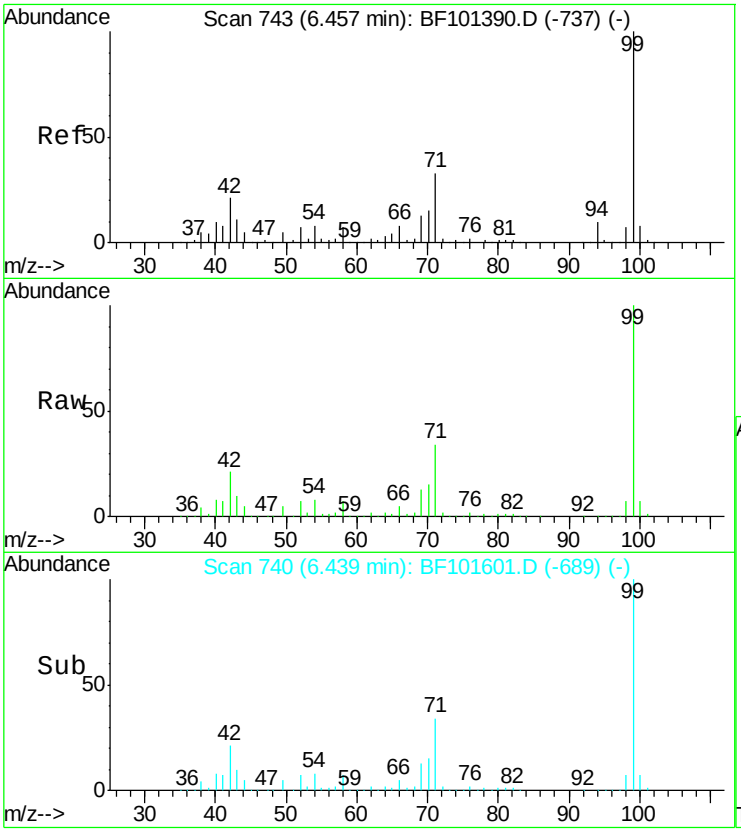


#5
2-Fluorophenol
Concen: 123.939 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF101601.D
Acq: 21 Dec 2017 12:40

Tgt Ion:112 Resp: 1158313

Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.9	71.9
63	31.4	23.7	35.5



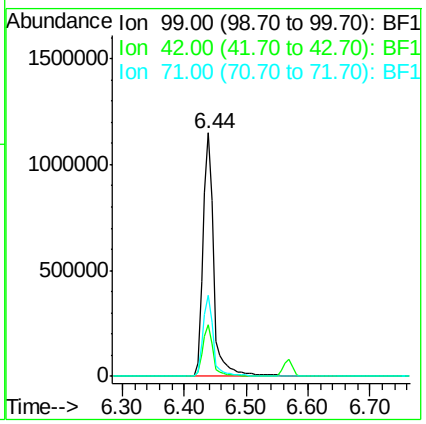


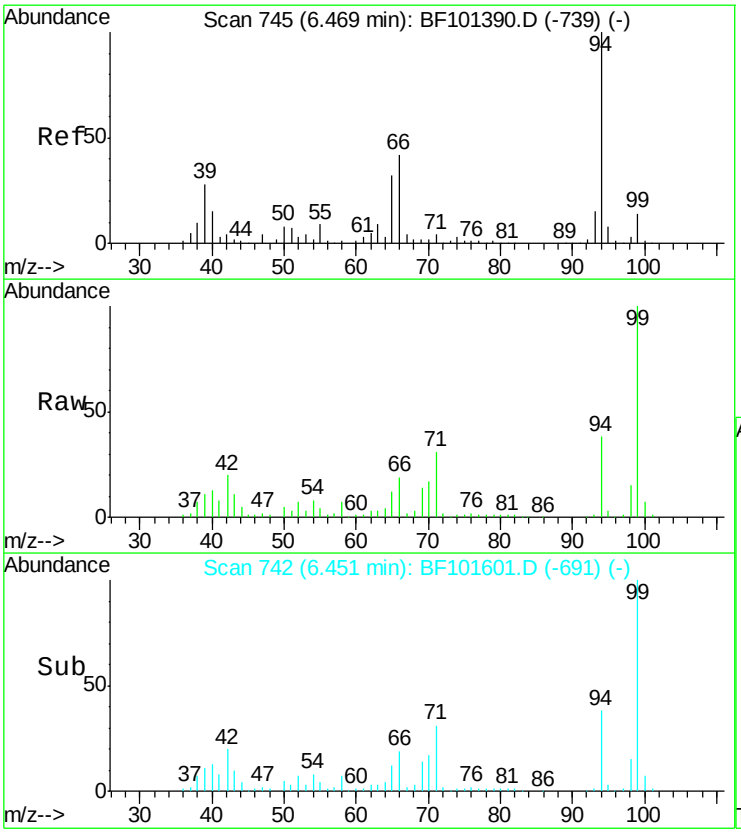
#7
Phenol-d6
Concen: 120.951 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF101601.D
Acq: 21 Dec 2017 12:40

Instrument :
BNA_F
ClientSampleId :
EPE-108-1(20-22)

Tgt Ion: 99 Resp: 1406811

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.5	21.7
71	33.5	25.4	38.0

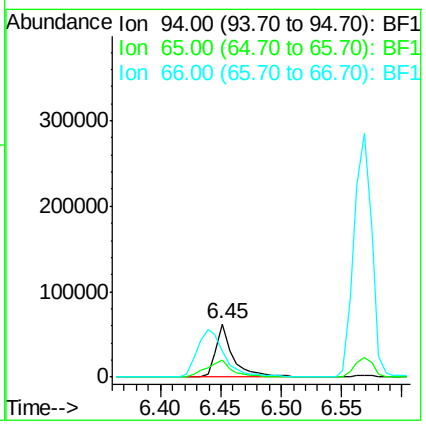


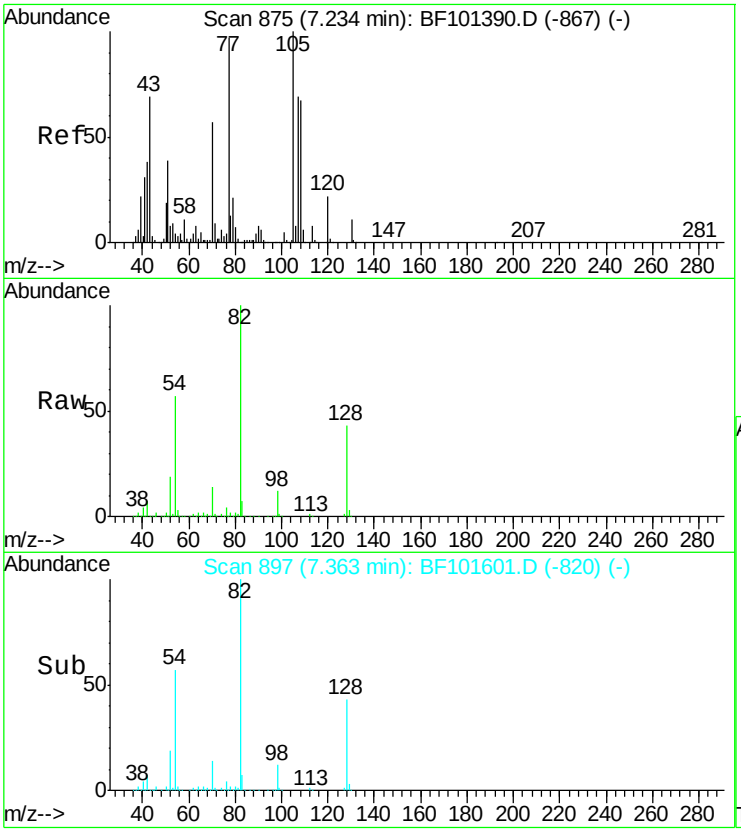


#10
Phenol
Concen: 4.667 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF101601.D
Acq: 21 Dec 2017 12:40

Tgt Ion: 94 Resp: 61869

Ion	Ratio	Lower	Upper
94	100		
65	31.5	7.9	47.9
66	49.4	16.2	56.2



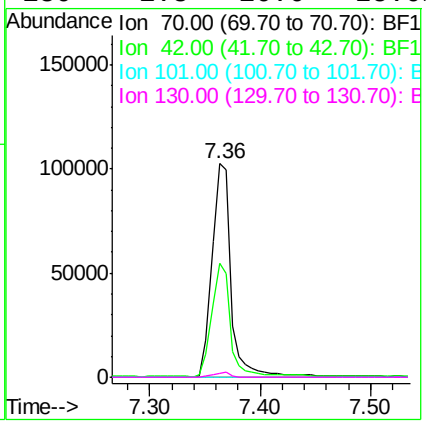


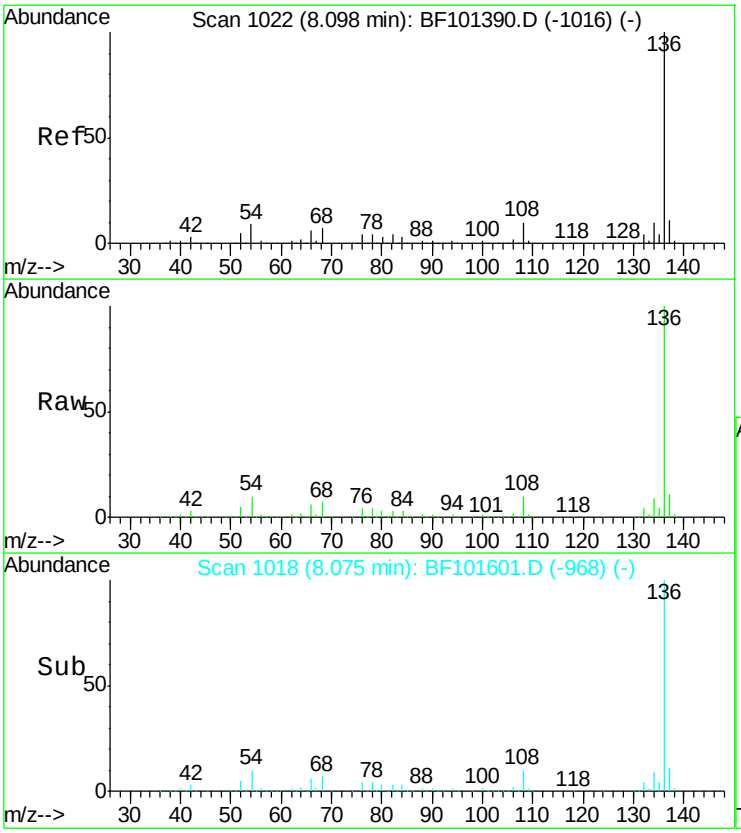
#19
n-Nitroso-di-n-propylamine
Concen: 16.121 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF101601.D
Acq: 21 Dec 2017 12:40

Instrument :
BNA_F
ClientSampleId :
EPE-108-1(20-22)

Tgt Ion: 70 Resp: 123137

Ion	Ratio	Lower	Upper
70	100		
42	53.2	47.5	71.3
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#

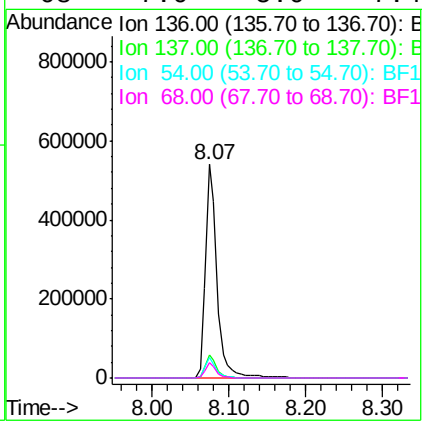


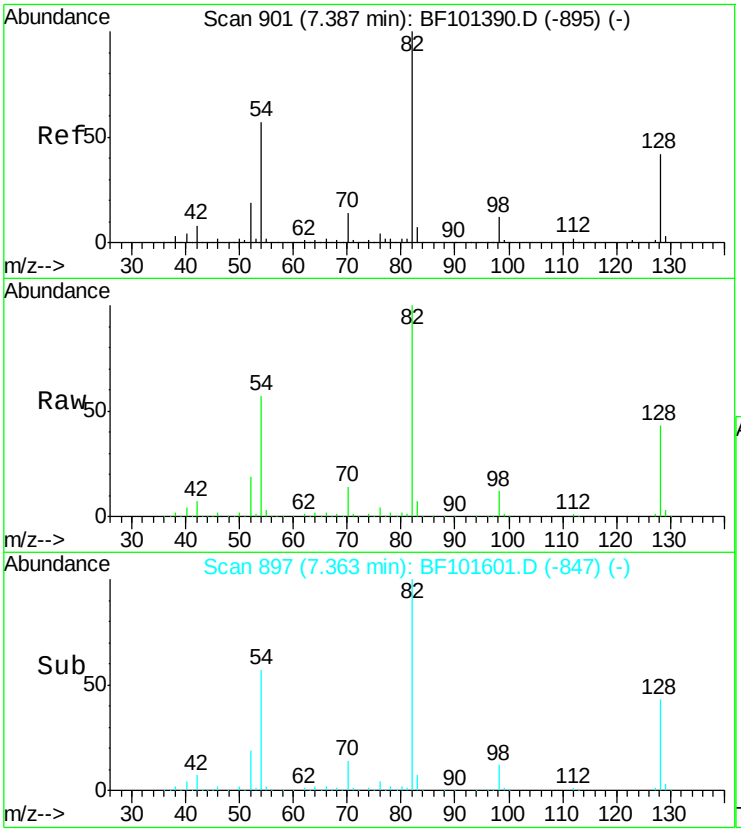


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101601.D
Acq: 21 Dec 2017 12:40

Tgt Ion:136 Resp: 561225

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.6	6.6	9.8
68	7.0	5.0	7.4



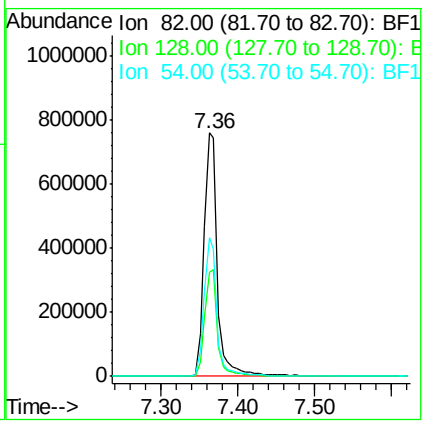


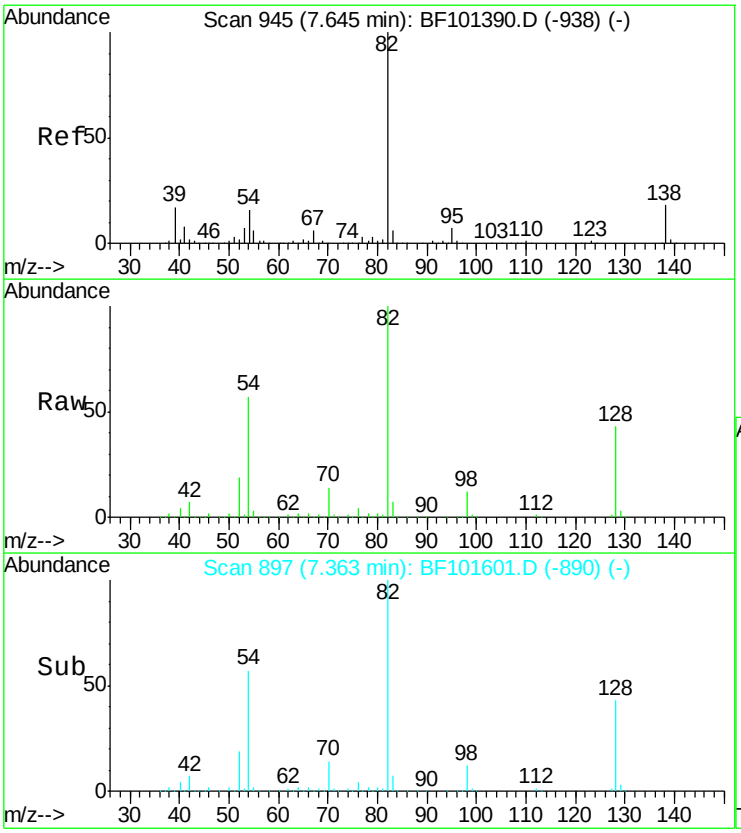
#23
Nitrobenzene-d5
Concen: 90.274 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF101601.D
Acq: 21 Dec 2017 12:40

Instrument :
BNA_F
ClientSampleId :
EPE-108-1(20-22)

Tgt Ion: 82 Resp: 910149

Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	56.9	41.4	62.2

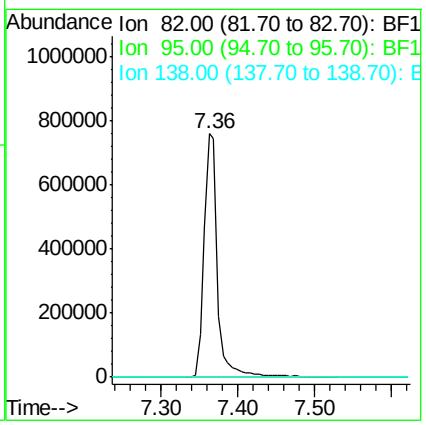


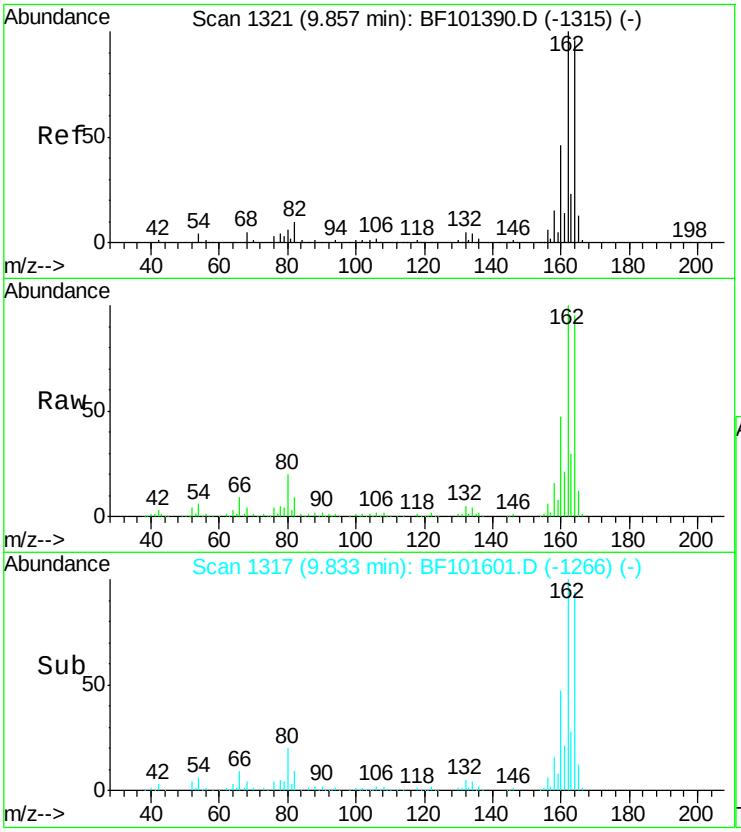


#25
Isophorone
Concen: 45.001 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF101601.D
Acq: 21 Dec 2017 12:40

Tgt Ion: 82 Resp: 910149

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



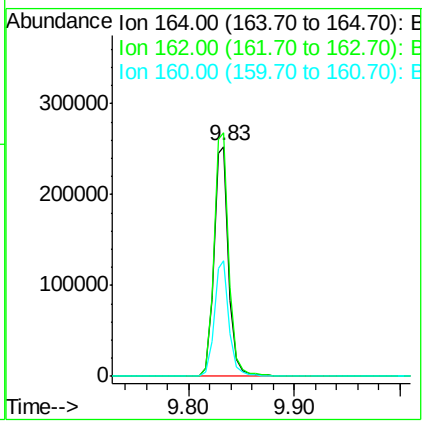


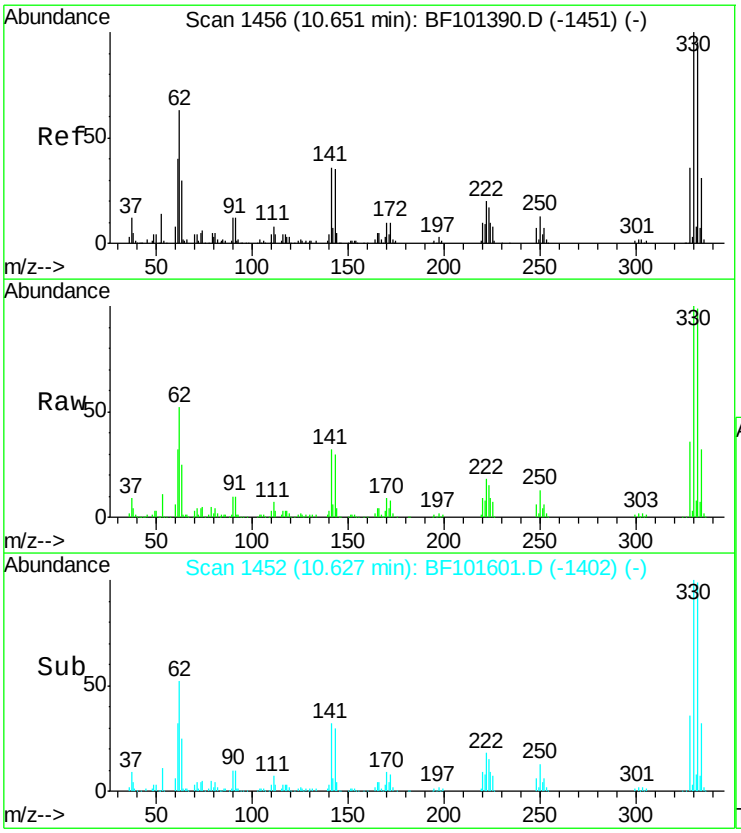
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF101601.D
Acq: 21 Dec 2017 12:40

Instrument :
BNA_F
ClientSampleId :
EPE-108-1(20-22)

Tgt Ion:164 Resp: 253043

Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	50.2	38.3	57.5

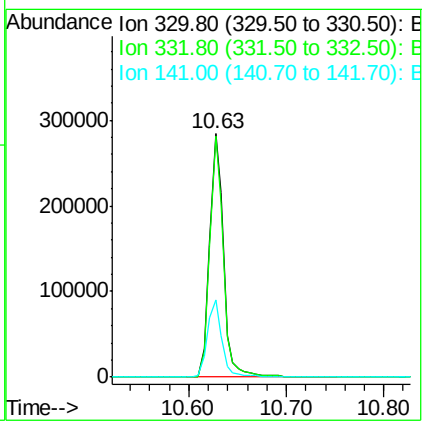


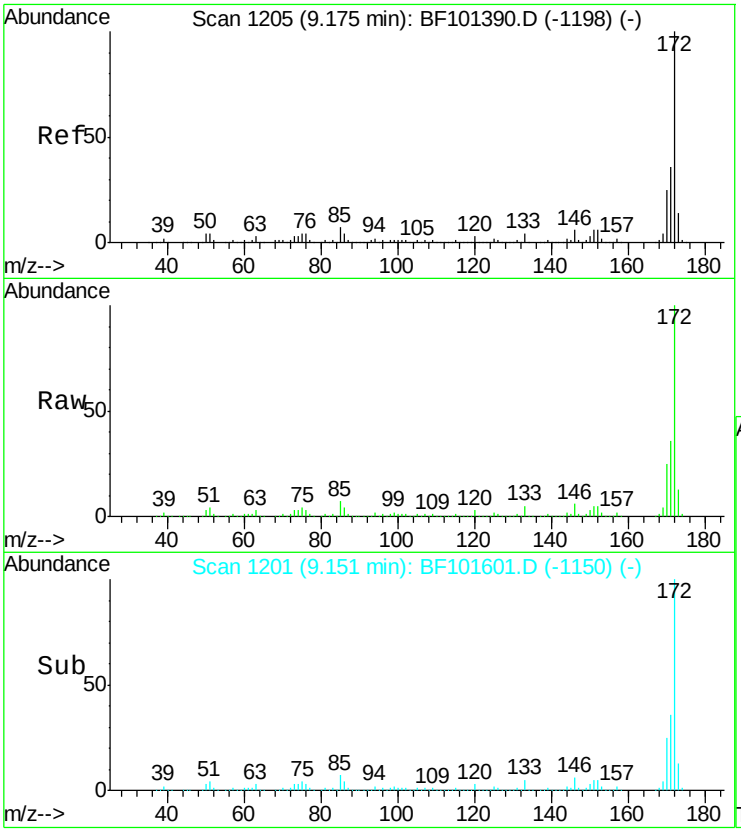


#41
2,4,6-Tribromophenol
Concen: 115.679 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF101601.D
Acq: 21 Dec 2017 12:40

Tgt Ion:330 Resp: 282057

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	33.2	29.9	44.9



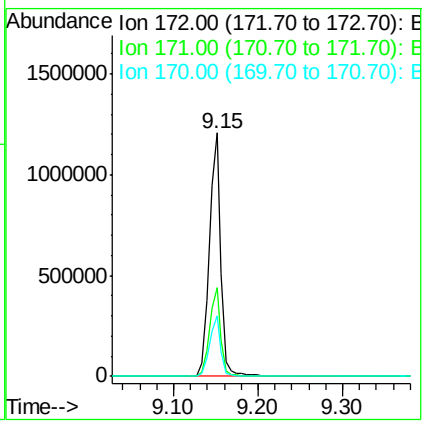


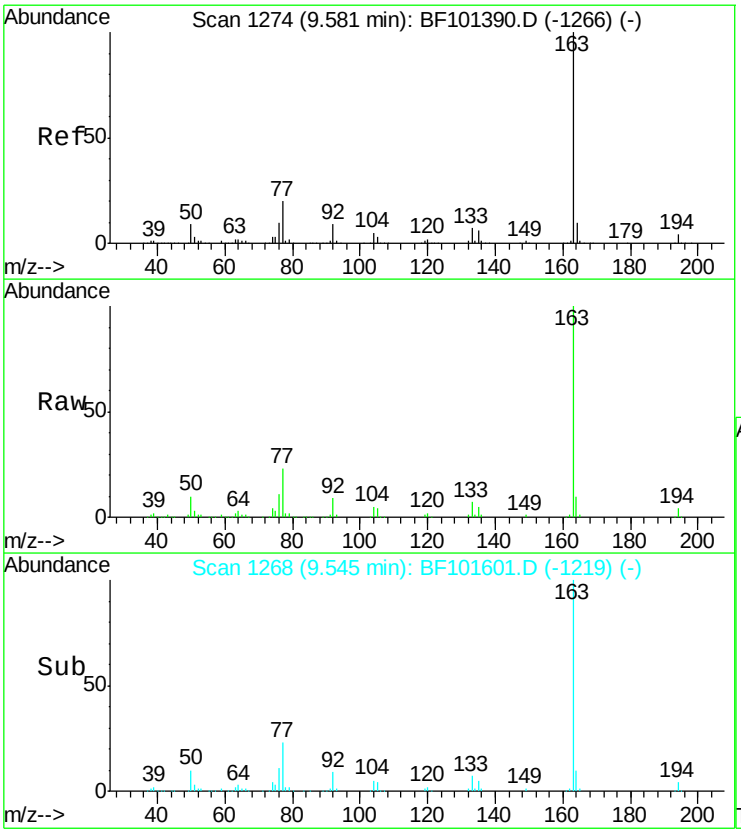
#44
2-Fluorobiphenyl
Concen: 71.231 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF101601.D
Acq: 21 Dec 2017 12:40

Instrument :
BNA_F
ClientSampleId :
EPE-108-1(20-22)

Tgt Ion:172 Resp: 1161940

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.9	19.6	29.4

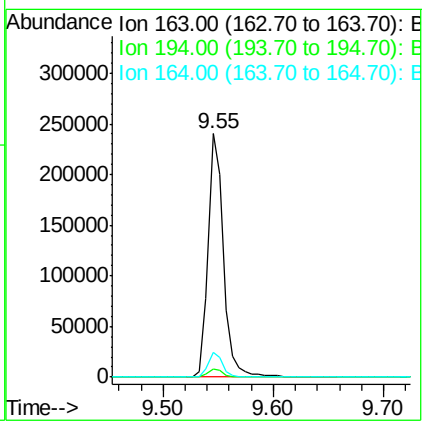


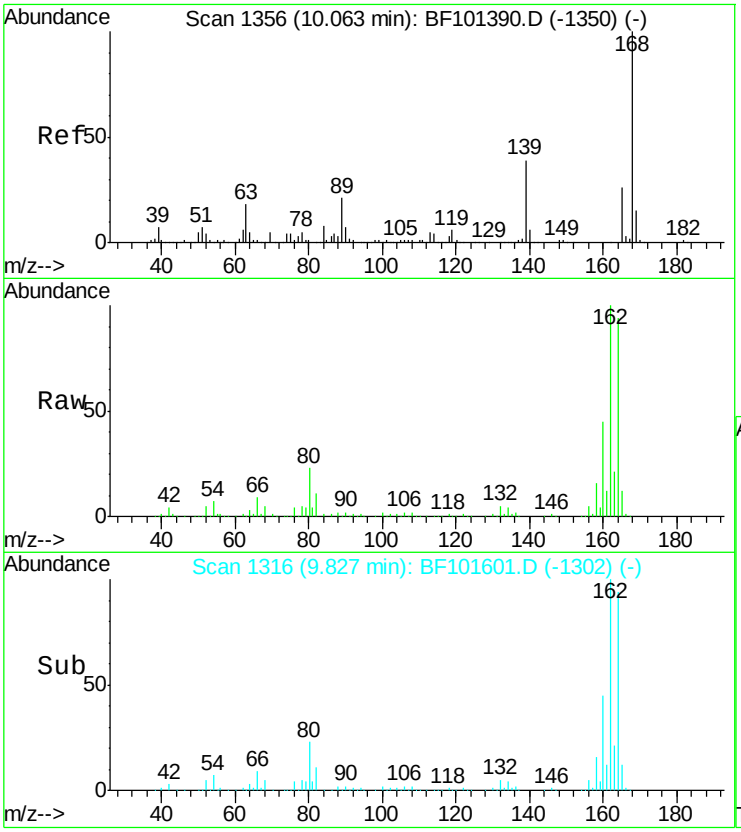


#49
Dimethylphthalate
Concen: 11.131 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101601.D
Acq: 21 Dec 2017 12:40

Tgt Ion:163 Resp: 226550

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.3	8.2	12.2



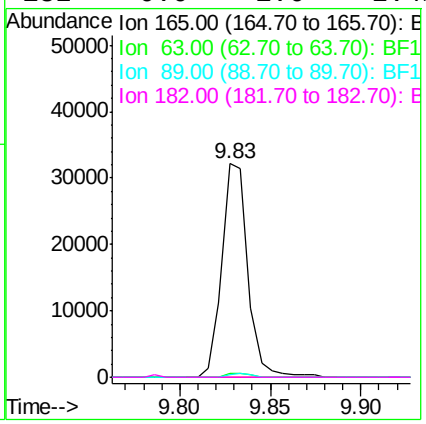


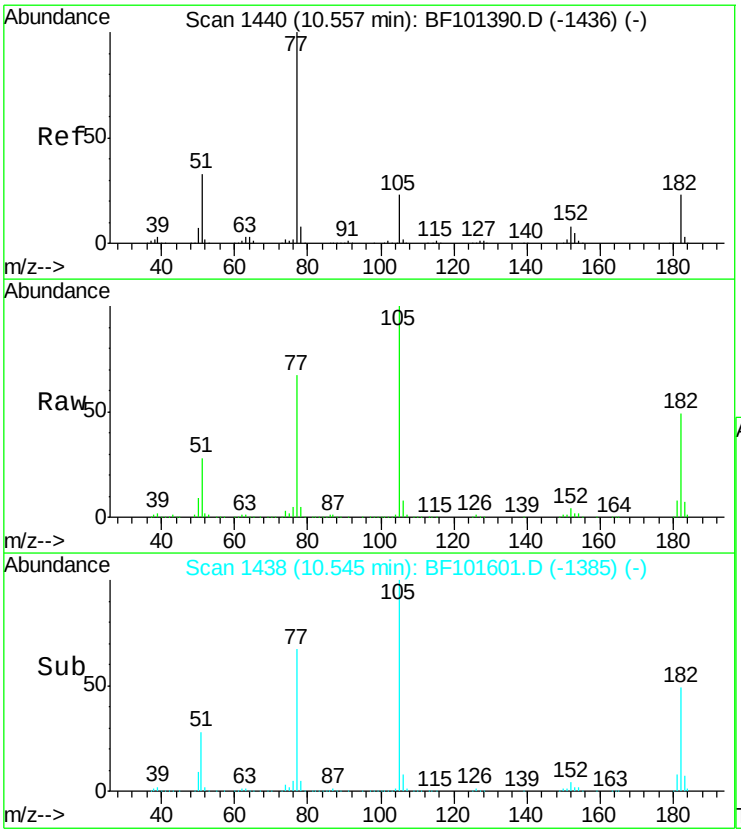
#56
2,4-Dinitrotoluene
Concen: 6.921 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.22 min
Lab File: BF101601.D
Acq: 21 Dec 2017 12:40

Instrument :
BNA_F
ClientSampleId :
EPE-108-1(20-22)

Tgt Ion:165 Resp: 32259

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

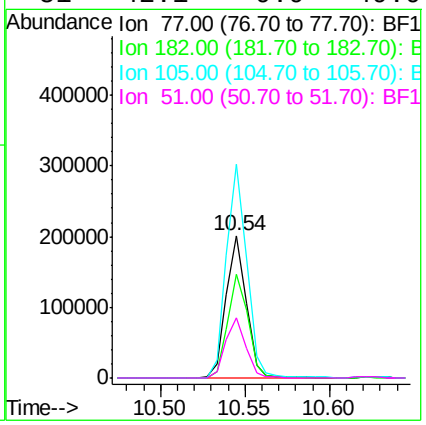


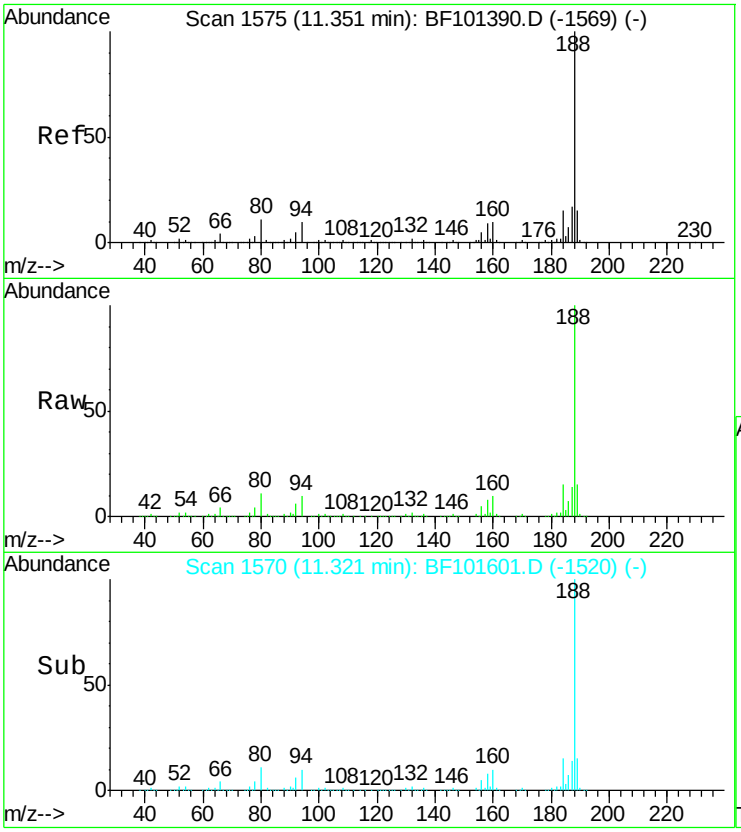


#62
Azobenzene
Concen: 8.021 ng
RT: 10.54 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF101601.D
Acq: 21 Dec 2017 12:40

Tgt Ion: 77 Resp: 167469

Ion	Ratio	Lower	Upper
77	100		
182	73.2	1.7	41.7#
105	150.3	3.0	43.0#
51	42.1	9.9	49.9



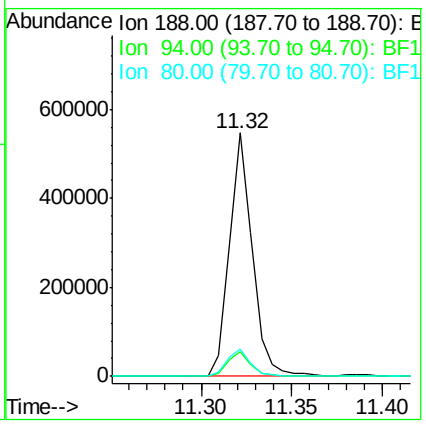


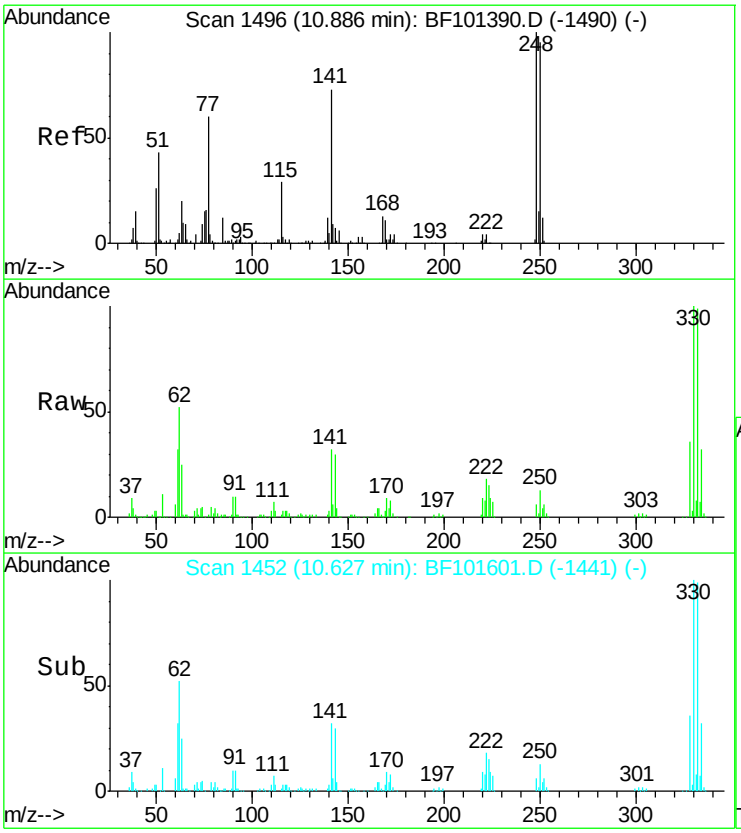
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101601.D
Acq: 21 Dec 2017 12:40

Instrument :
BNA_F
ClientSampleId :
EPE-108-1(20-22)

Tgt Ion:188 Resp: 485803

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.4	9.2	13.8

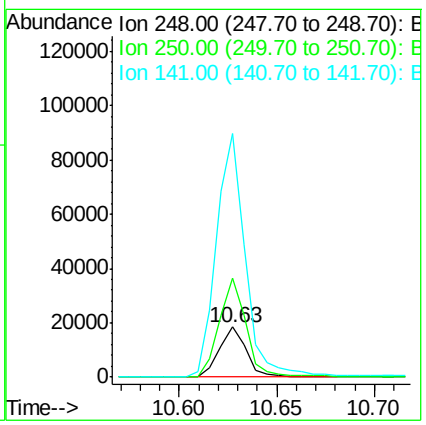


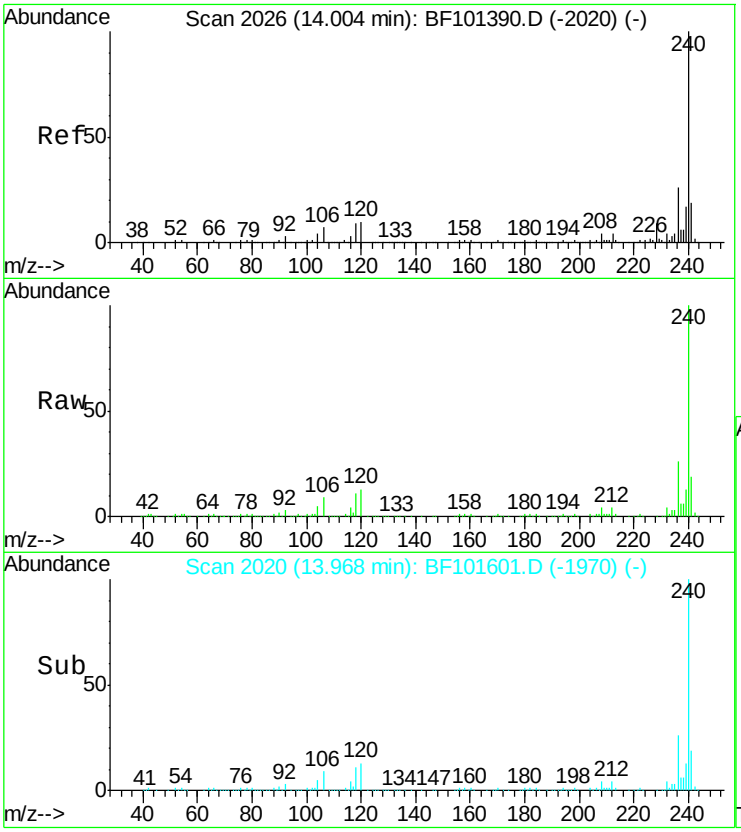


#66
4-Bromophenyl-phenylether
Concen: 3.281 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF101601.D
Acq: 21 Dec 2017 12:40

Tgt Ion:248 Resp: 17908

Ion	Ratio	Lower	Upper
248	100		
250	198.2	76.9	115.3#
141	488.6	74.4	111.6#



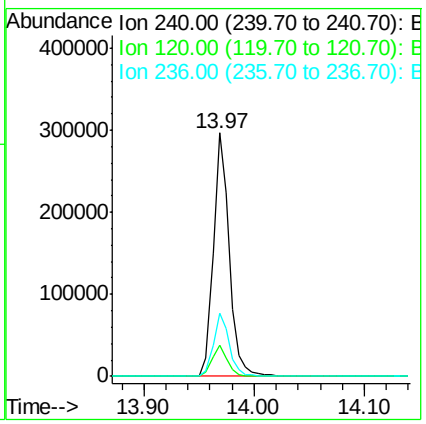


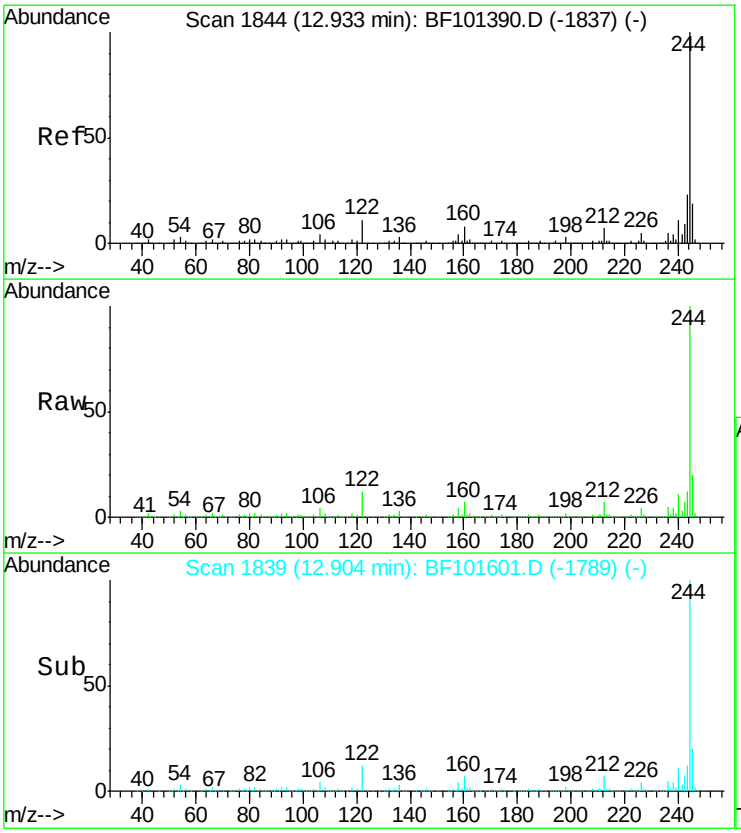
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101601.D
Acq: 21 Dec 2017 12:40

Instrument :
BNA_F
ClientSampleId :
EPE-108-1(20-22)

Tgt Ion:240 Resp: 293239

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	26.0	20.7	31.1

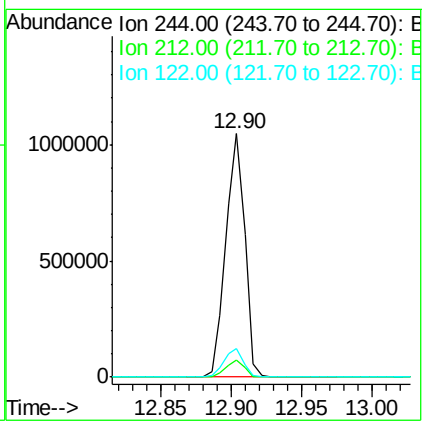


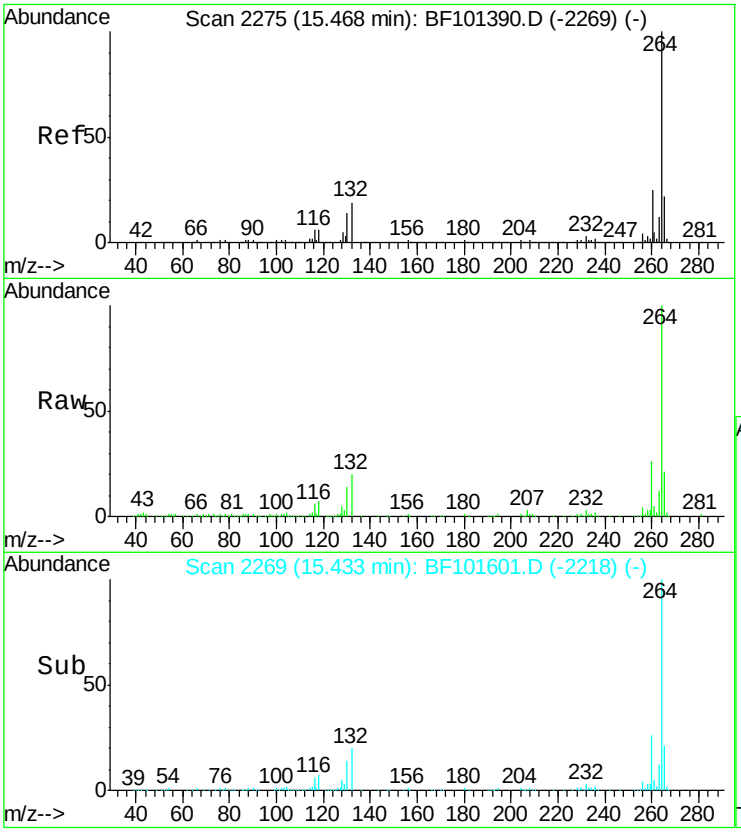


#78
Terphenyl-d14
Concen: 80.699 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF101601.D
Acq: 21 Dec 2017 12:40

Tgt Ion:244 Resp: 981604

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF101601.D
Acq: 21 Dec 2017 12:40

Instrument :
BNA_F
ClientSampleId :
EPE-108-1(20-22)

Tgt Ion:264 Resp: 257824

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	21.2	17.5	26.3