Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103117\

Quantitation Report (Not Reviewed)

Data File : BF100015.D
Acq On : 31 Oct 2017 20:34
Operator : SJ/JU
Sample : I6178-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-M-6(5-10)

Quant Time: Nov 01 08:16:35 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	90218	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	367534	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	168115	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	287043	20.00	ng		0.00
75) Chrysene-d12	13.98	240	176454	20.00	ng		0.00
86) Perylene-d12	15.46	264	153637	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	477216	83.04	ng		0.00
7) Phenol-d6	6.43	99	584049	85.72	ng		0.00
23) Nitrobenzene-d5	7.36	82	336162	58.89	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	129614	84.60	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	707431	64.92	ng		0.00
78) Terphenyl-d14	12.90	244	579387	71.76	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	9059	2.22	ng		93
10) Phenol	6.45	94	42797	5.72	ng		96
19) n-Nitroso-di-n-propylamine	7.36	70	41224	10.32	ng	#	73
25) Isophorone	7.36	82	336162	32.45	ng	#	64
49) Dimethylphthalate	9.54	163	124149	9.33	ng		100
56) 2,4-Dinitrotoluene	9.82	165	21178	6.28	ng	#	22
62) Azobenzene	10.54	77	30411	2.79	ng	#	1
66) 4-Bromophenyl-phenylether	10.62	248	8035	2.66	ng	#	1

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

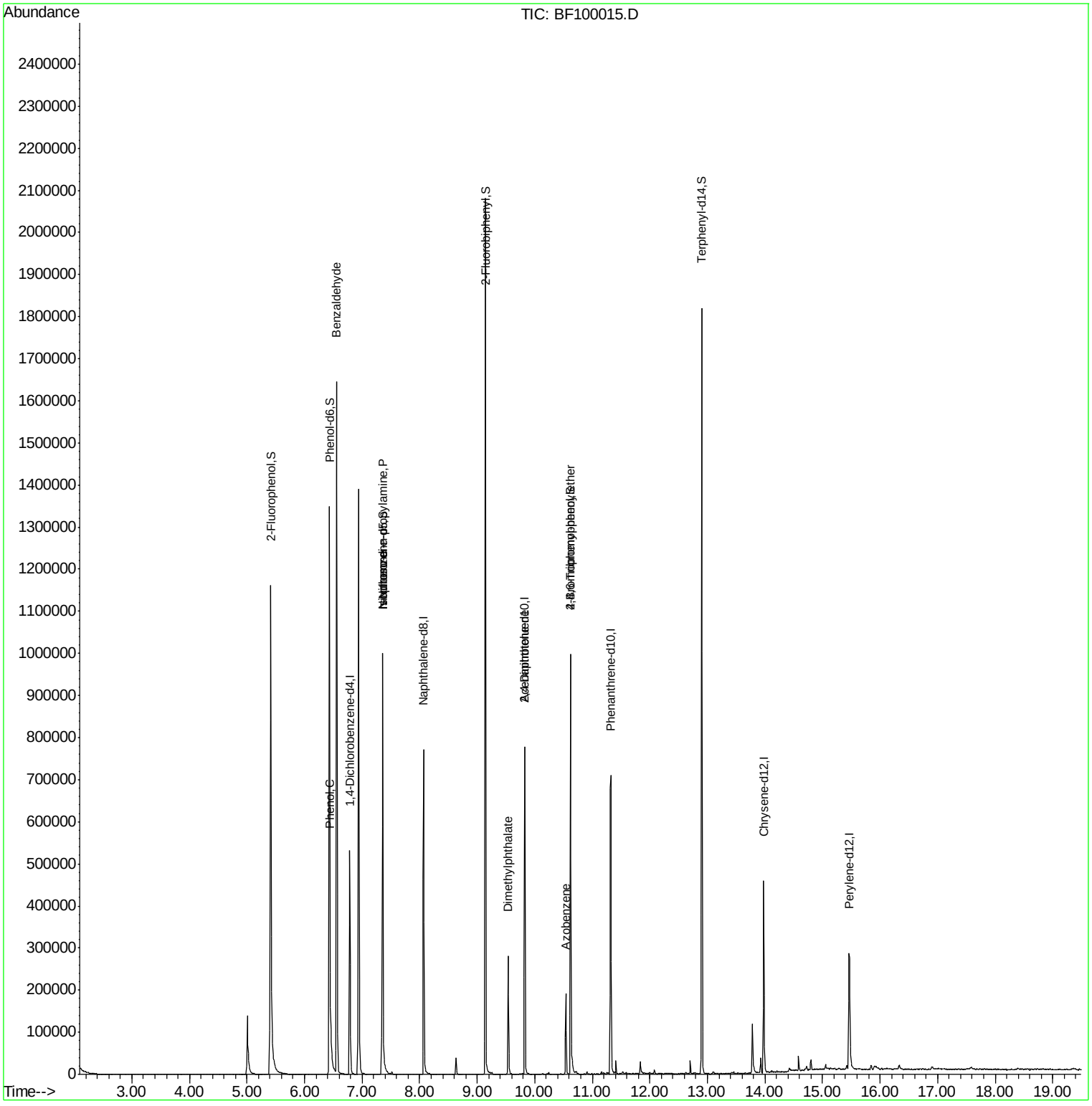
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103117\

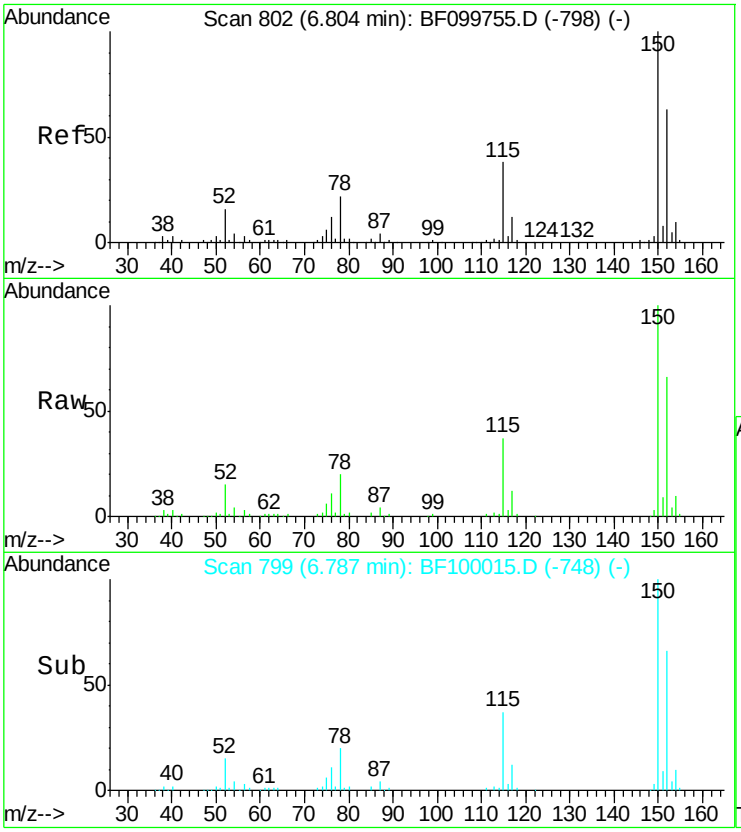
Quantitation Report (Not Reviewed)

Data File : BF100015.D
Acq On : 31 Oct 2017 20:34
Operator : SJ/JU
Sample : I6178-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-M-6(5-10)

Quant Time: Nov 01 08:16:35 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration



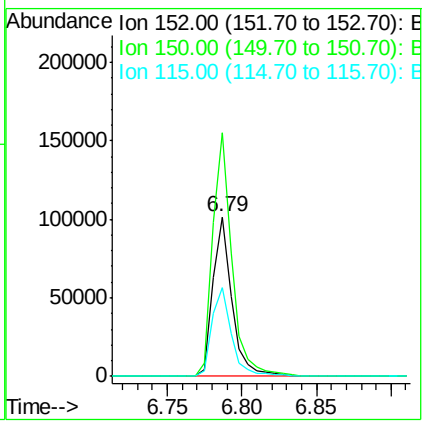


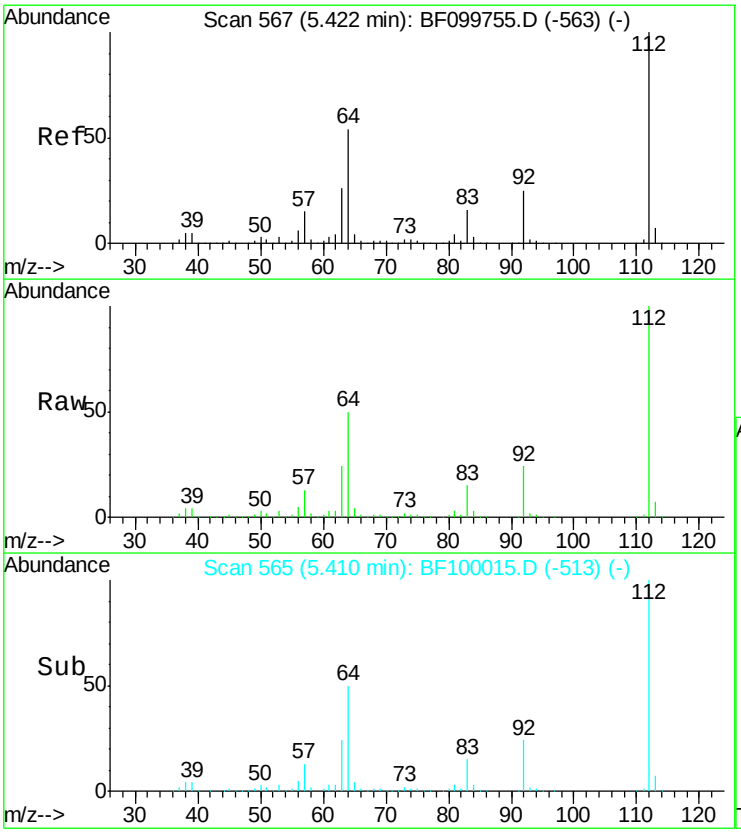
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF100015.D
Acq: 31 Oct 2017 20:34

Instrument :
BNA_F
ClientSampleId :
EPE-M-6(5-10)

Tgt Ion:152 Resp: 90218

Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.6	186.8
115	55.7	50.1	75.1

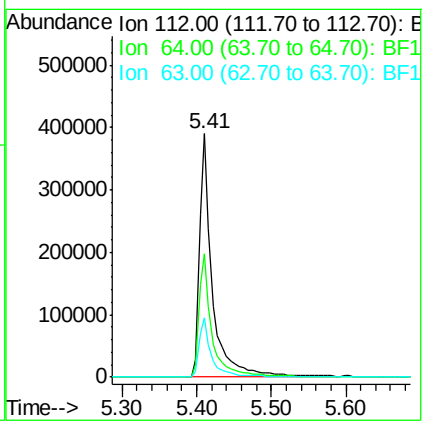


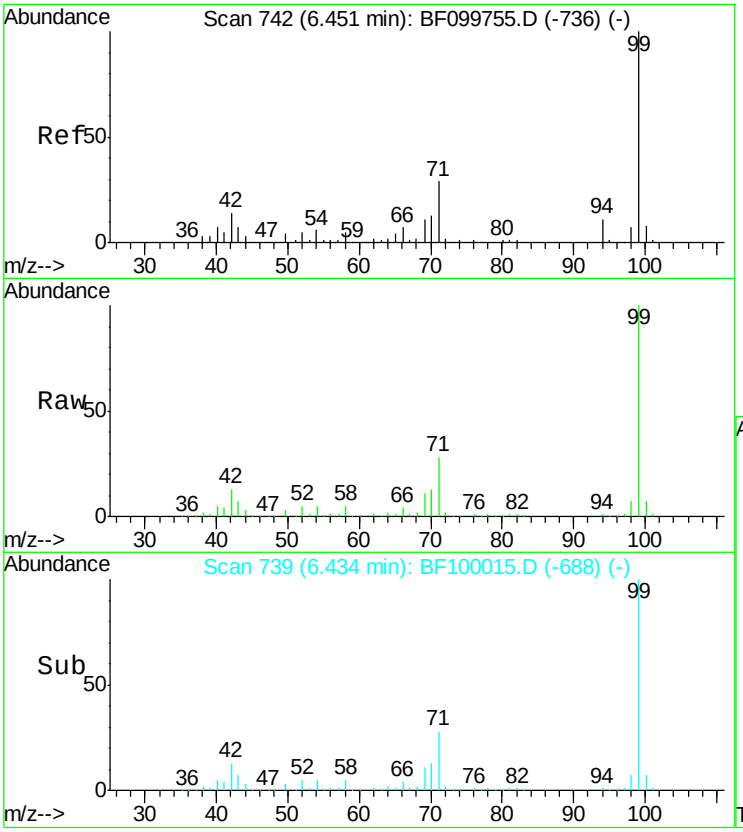


#5
2-Fluorophenol
Concen: 83.04 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF100015.D
Acq: 31 Oct 2017 20:34

Tgt Ion:112 Resp: 477216

Ion	Ratio	Lower	Upper
112	100		
64	50.5	47.9	71.9
63	24.2	23.7	35.5



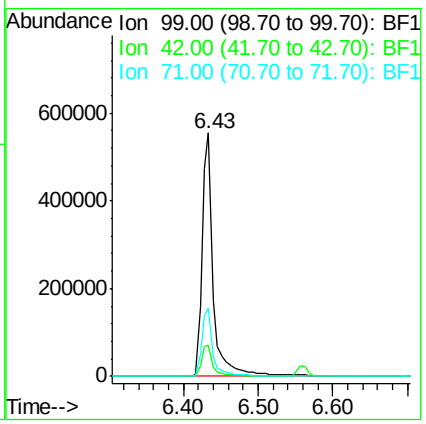


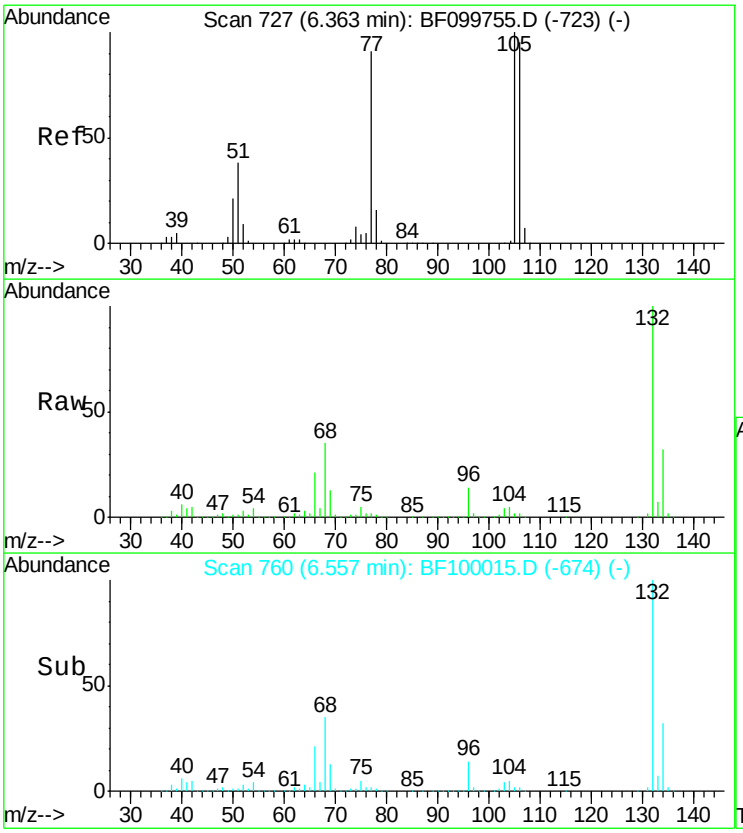
#7
Phenol-d6
Concen: 85.72 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF100015.D
Acq: 31 Oct 2017 20:34

Instrument :
BNA_F
ClientSampleId :
EPE-M-6(5-10)

Tgt Ion: 99 Resp: 584049

Ion	Ratio	Lower	Upper
99	100		
42	12.9	14.5	21.7#
71	28.3	25.4	38.0

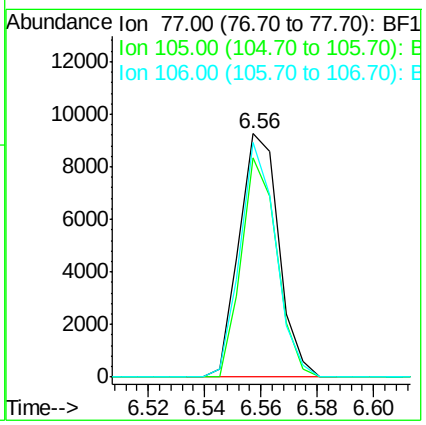


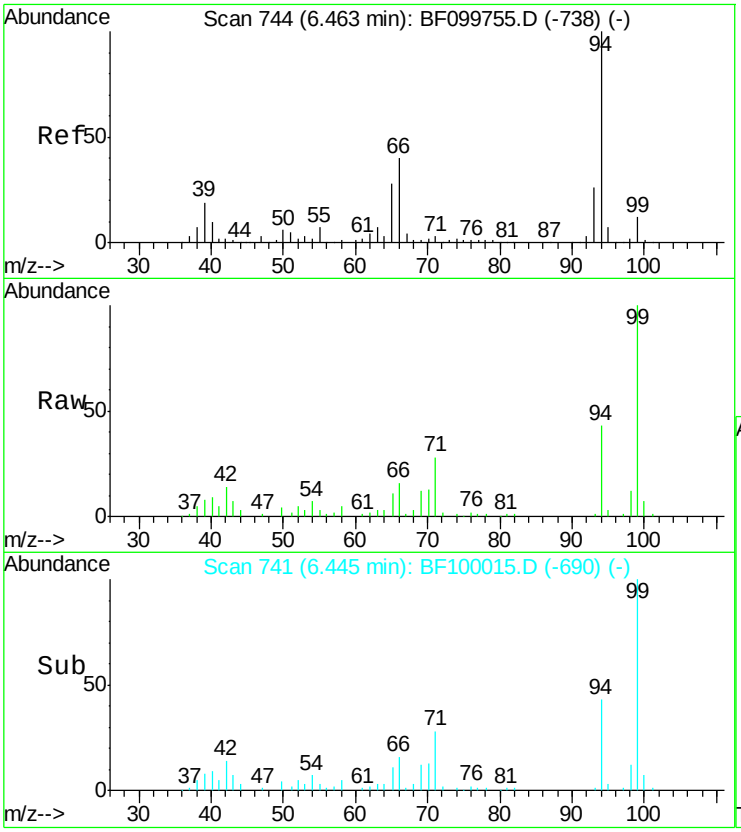


#9
Benzaldehyde
Concen: 2.22 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.21 min
Lab File: BF100015.D
Acq: 31 Oct 2017 20:34

Tgt Ion: 77 Resp: 9059

Ion	Ratio	Lower	Upper
77	100		
105	90.1	81.1	121.1
106	96.2	74.5	114.5



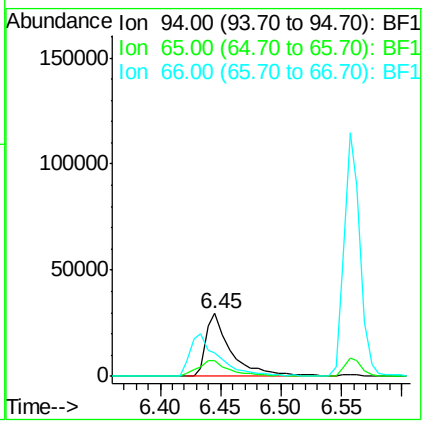


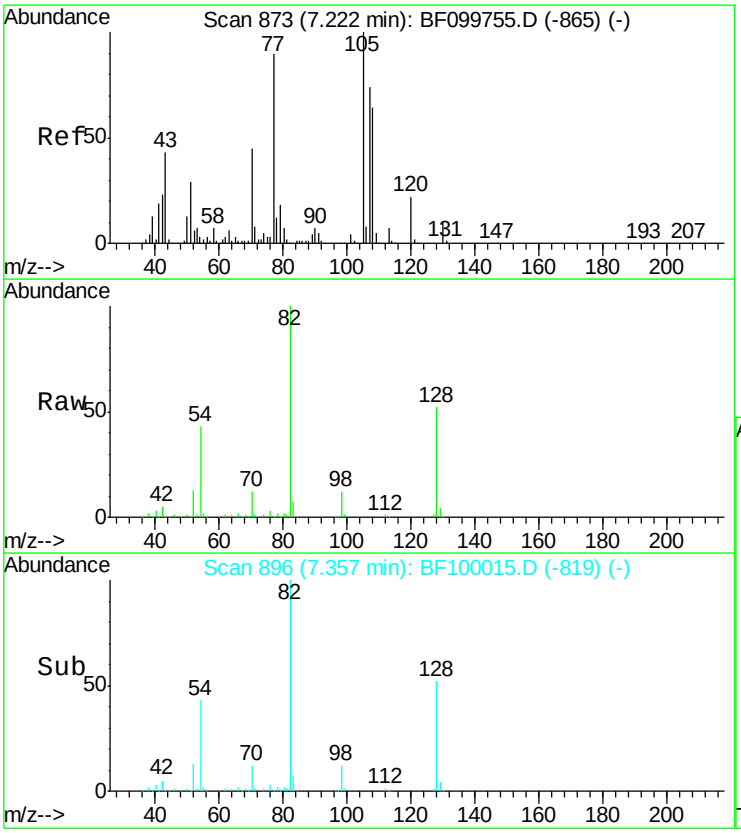
#10
Phenol
Concen: 5.72 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF100015.D
Acq: 31 Oct 2017 20:34

Instrument :
BNA_F
ClientSampleId :
EPE-M-6(5-10)

Tgt Ion: 94 Resp: 42797

Ion	Ratio	Lower	Upper
94	100		
65	24.3	7.9	47.9
66	37.0	16.2	56.2

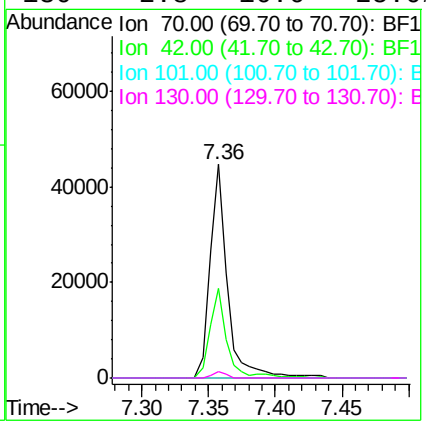


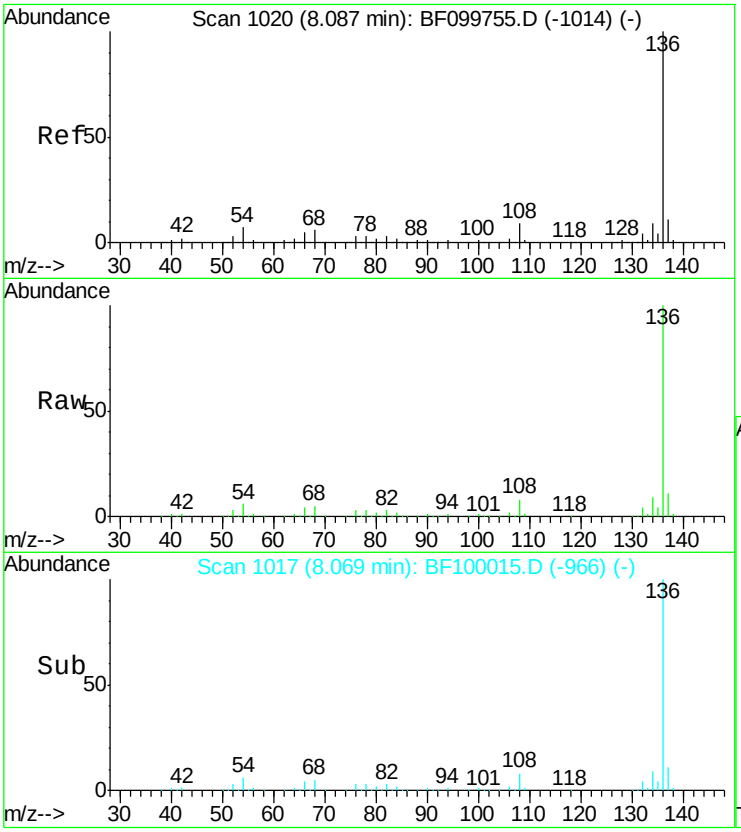


#19
n-Nitroso-di-n-propylamine
Concen: 10.32 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF100015.D
Acq: 31 Oct 2017 20:34

Tgt Ion: 70 Resp: 41224

Ion	Ratio	Lower	Upper
70	100		
42	41.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.8	16.6	25.0#



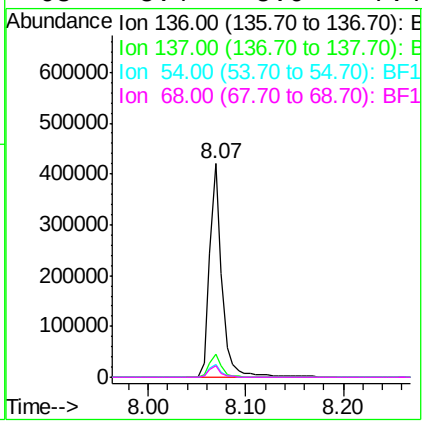


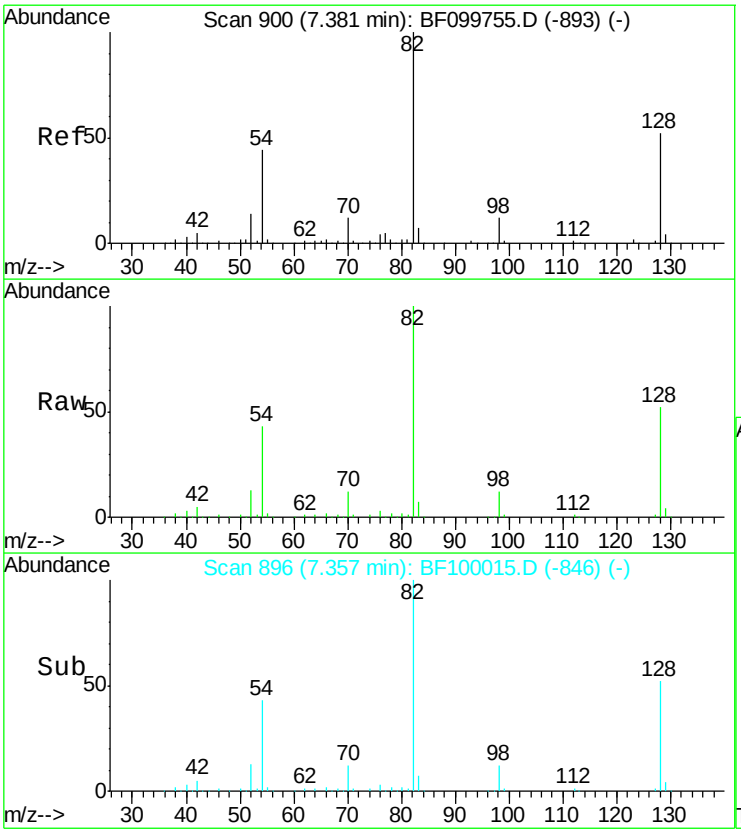
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF100015.D
Acq: 31 Oct 2017 20:34

Instrument :
BNA_F
ClientSampleId :
EPE-M-6(5-10)

Tgt Ion:136 Resp: 367534

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.2	6.6	9.8#
68	5.4	5.0	7.4

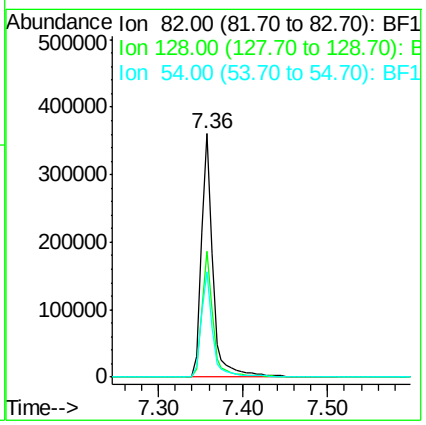


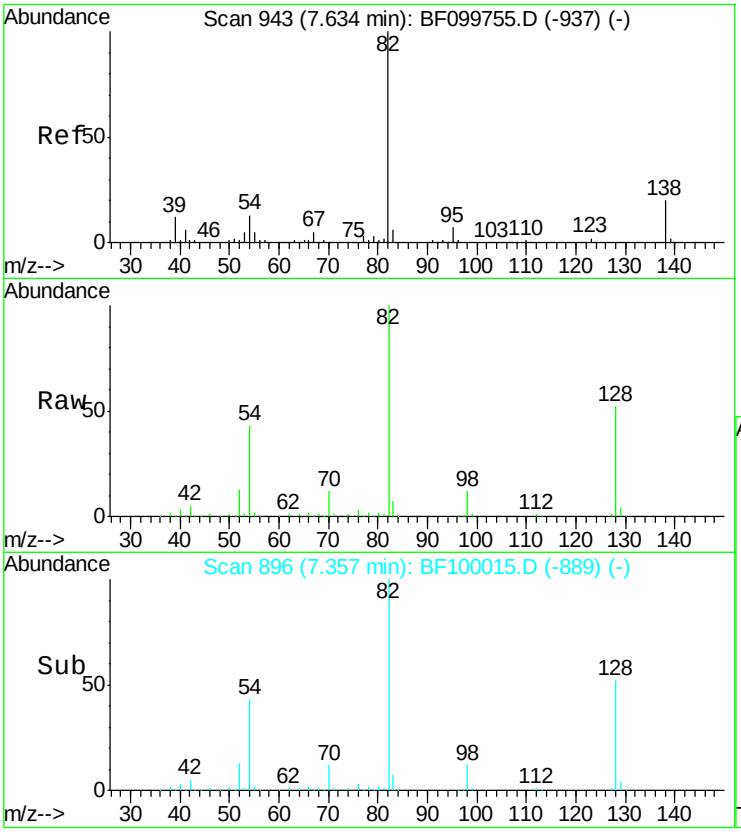


#23
Nitrobenzene-d5
Concen: 58.89 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100015.D
Acq: 31 Oct 2017 20:34

Tgt Ion: 82 Resp: 336162

Ion	Ratio	Lower	Upper
82	100		
128	51.8	36.1	54.1
54	43.1	41.4	62.2



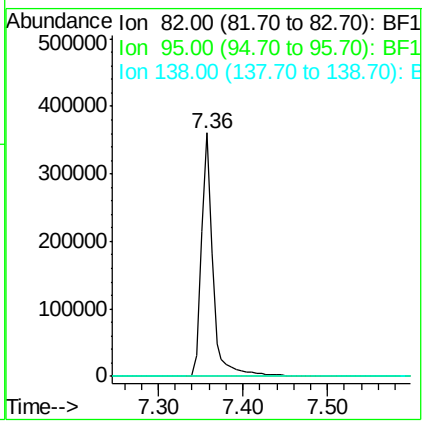


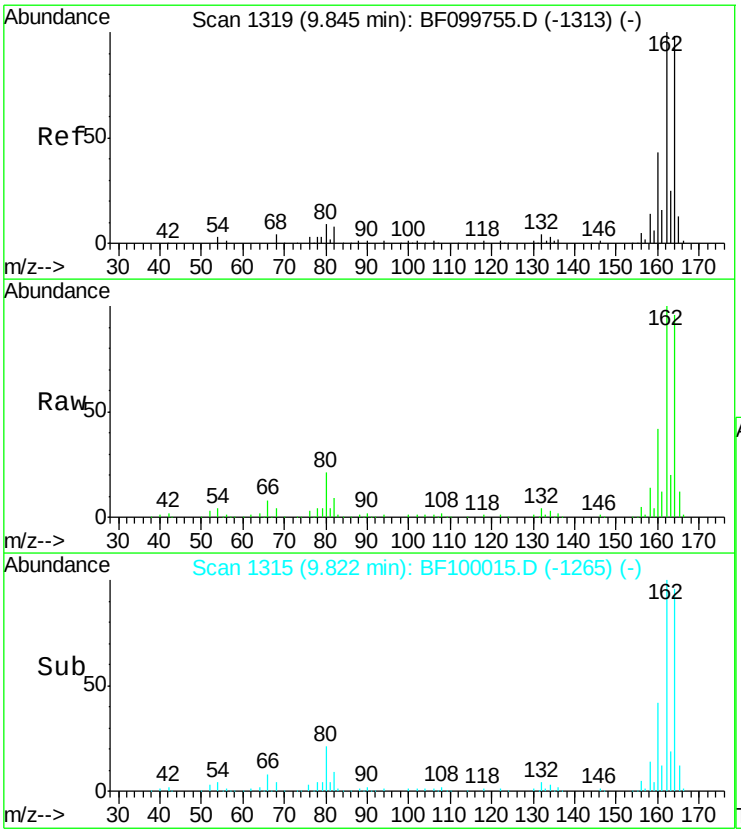
#25
Isophorone
Concen: 32.45 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF100015.D
Acq: 31 Oct 2017 20:34

Instrument :
BNA_F
ClientSampleId :
EPE-M-6(5-10)

Tgt Ion: 82 Resp: 336162

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

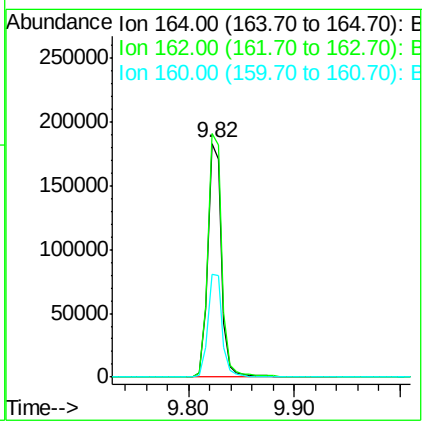


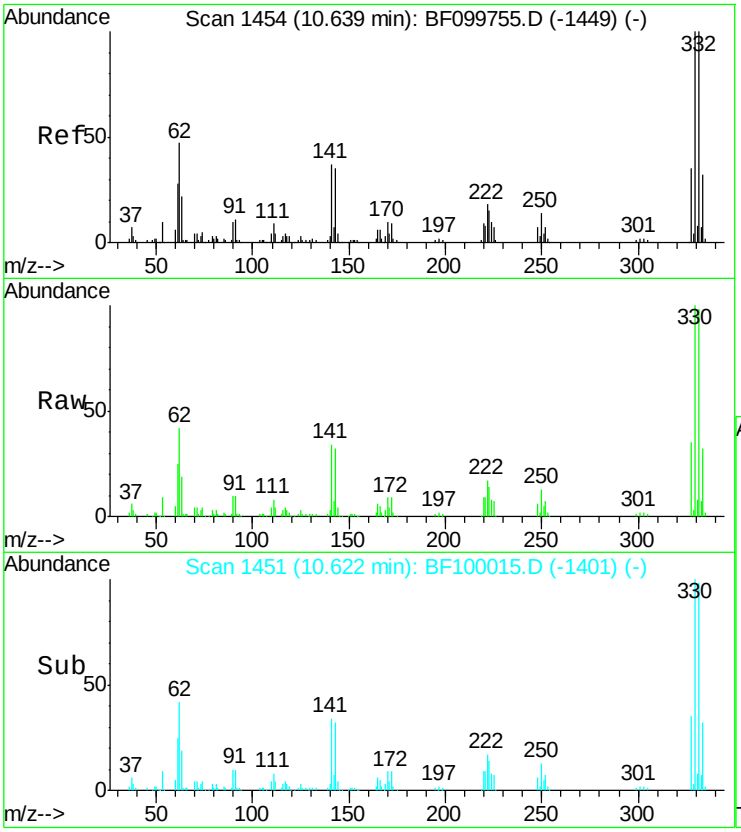


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF100015.D
Acq: 31 Oct 2017 20:34

Tgt Ion:164 Resp: 168115

Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	43.8	38.3	57.5



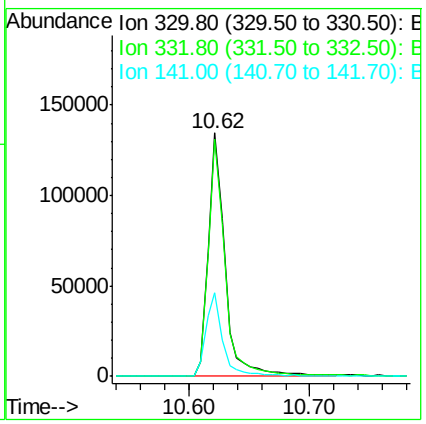


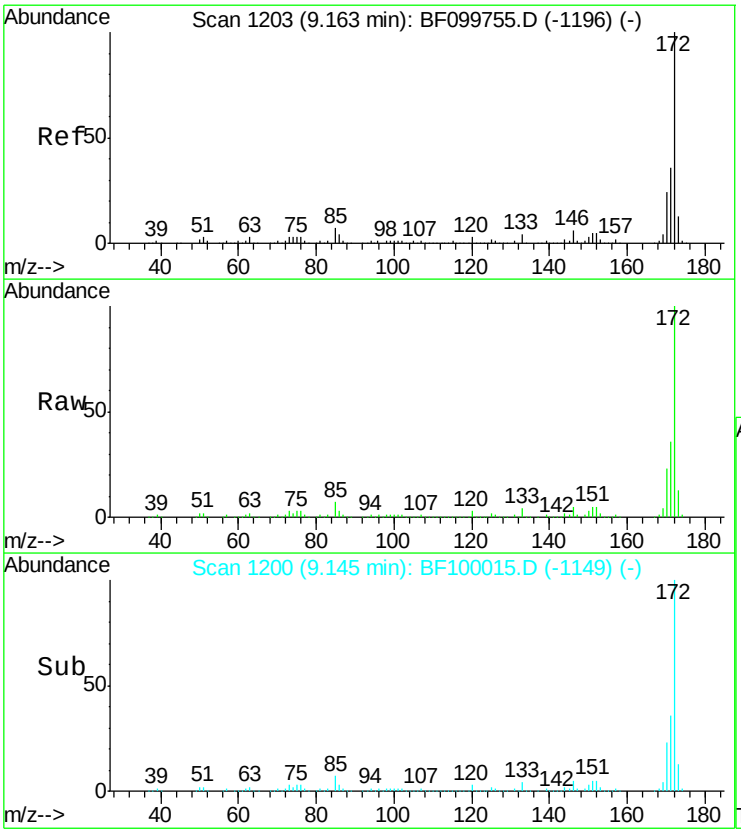
#41
2,4,6-Tribromophenol
Concen: 84.60 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF100015.D
Acq: 31 Oct 2017 20:34

Instrument :
BNA_F
ClientSampleId :
EPE-M-6(5-10)

Tgt Ion:330 Resp: 129614

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	34.8	29.9	44.9

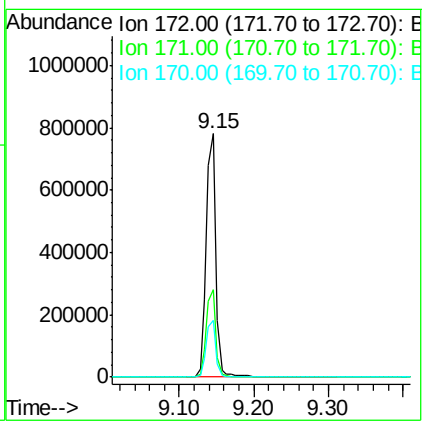


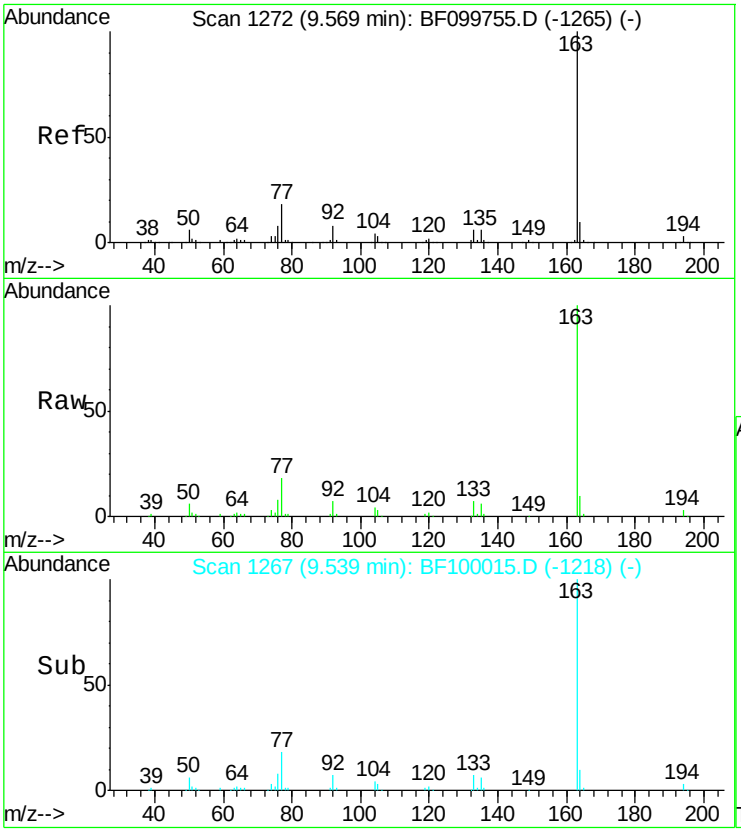


#44
2-Fluorobiphenyl
Concen: 64.92 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF100015.D
Acq: 31 Oct 2017 20:34

Tgt Ion:172 Resp: 707431

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.5	19.6	29.4



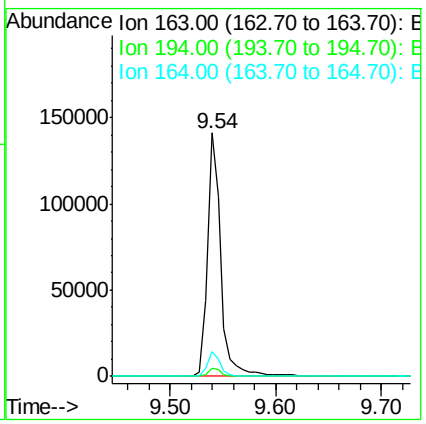


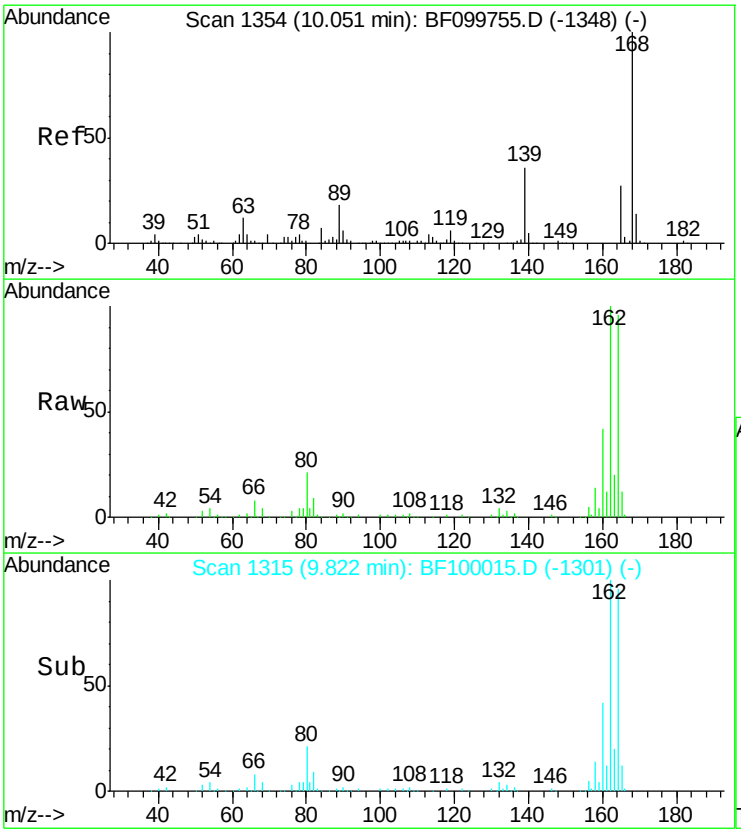
#49
Dimethylphthalate
Concen: 9.33 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF100015.D
Acq: 31 Oct 2017 20:34

Instrument :
BNA_F
ClientSampleId :
EPE-M-6(5-10)

Tgt Ion:163 Resp: 124149

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.2	8.2	12.2

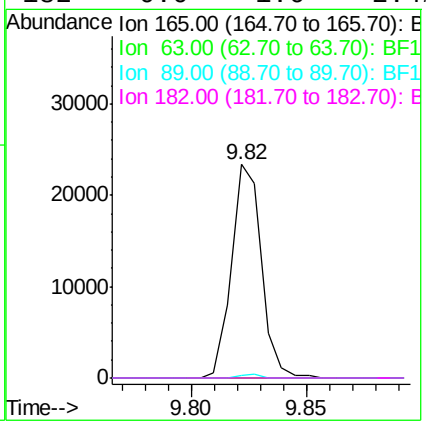


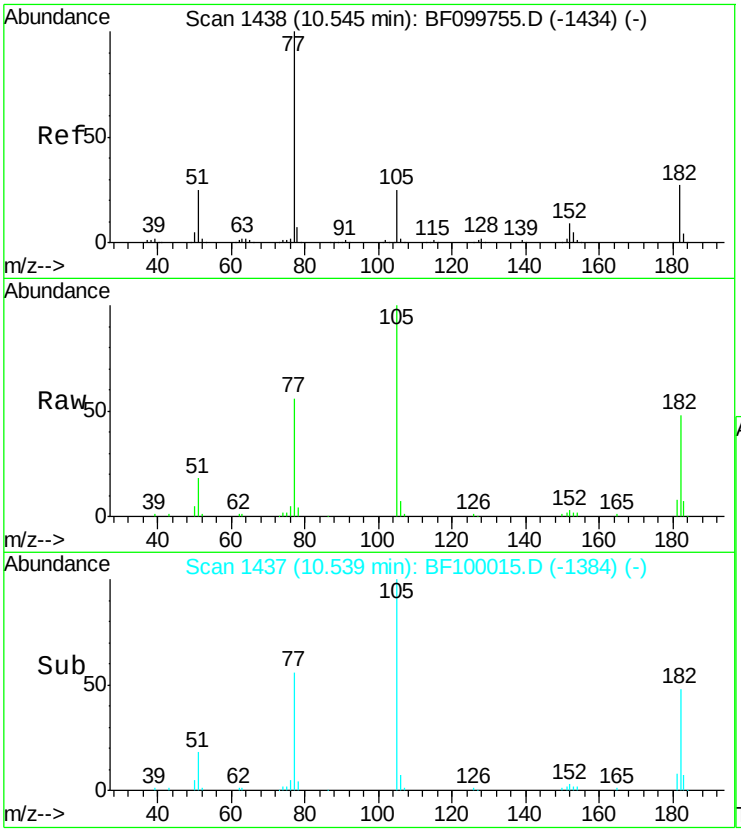


#56
2,4-Dinitrotoluene
Concen: 6.28 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF100015.D
Acq: 31 Oct 2017 20:34

Tgt Ion:165 Resp: 21178

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#



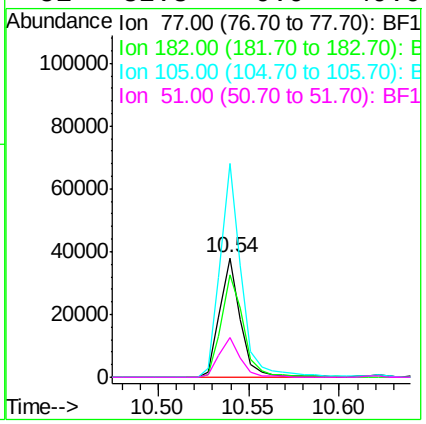


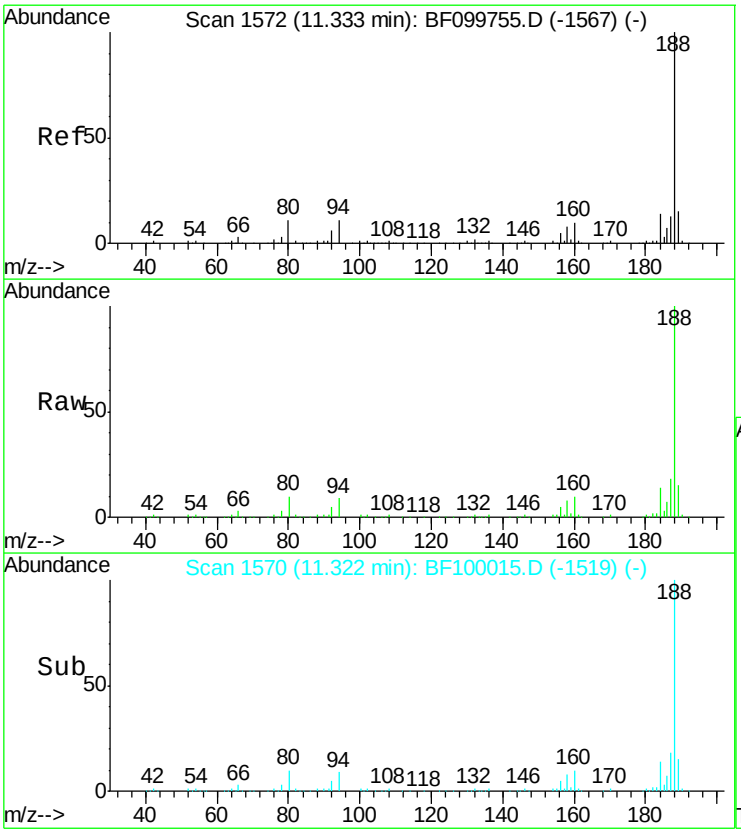
#62
Azobenzene
Concen: 2.79 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF100015.D
Acq: 31 Oct 2017 20:34

Instrument :
BNA_F
ClientSampleId :
EPE-M-6(5-10)

Tgt Ion: 77 Resp: 30411

Ion	Ratio	Lower	Upper
77	100		
182	85.2	1.7	41.7#
105	178.6	3.0	43.0#
51	32.8	9.9	49.9

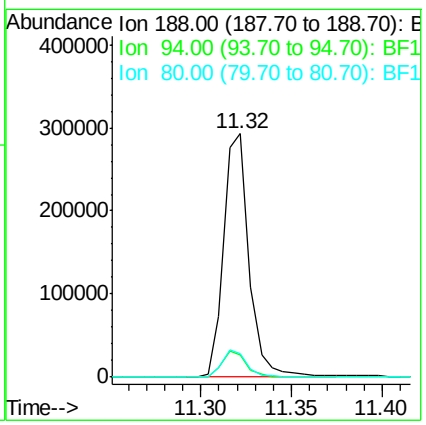


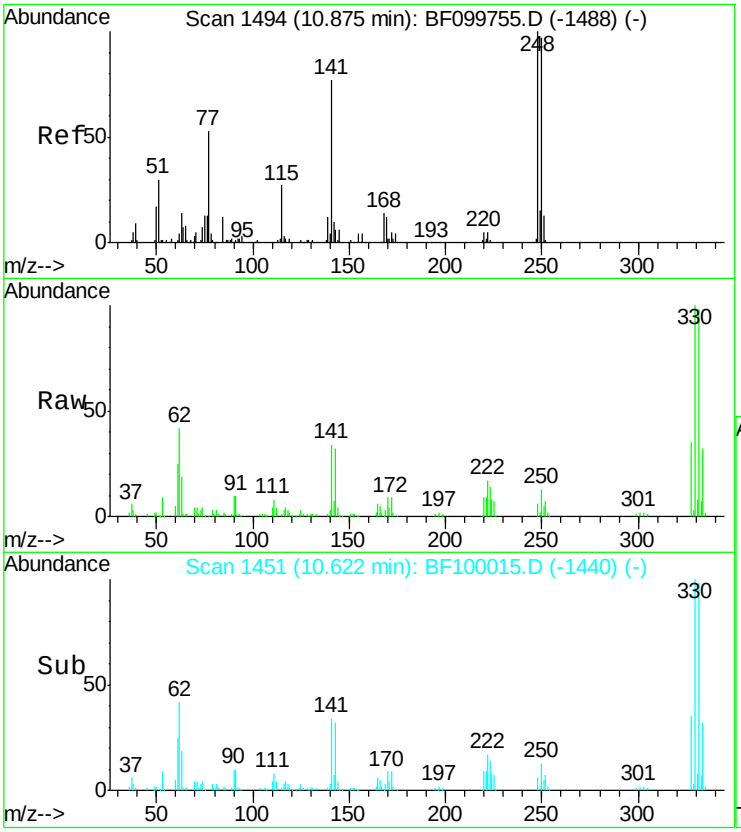


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF100015.D
Acq: 31 Oct 2017 20:34

Tgt Ion:188 Resp: 287043

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.7	9.2	13.8



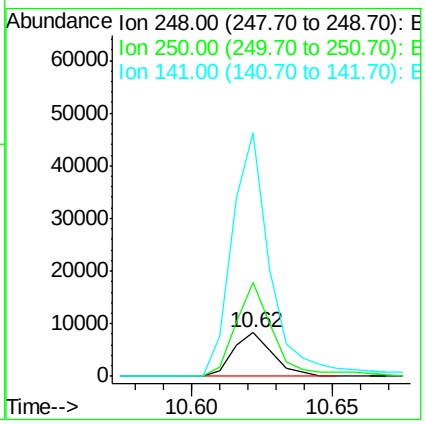


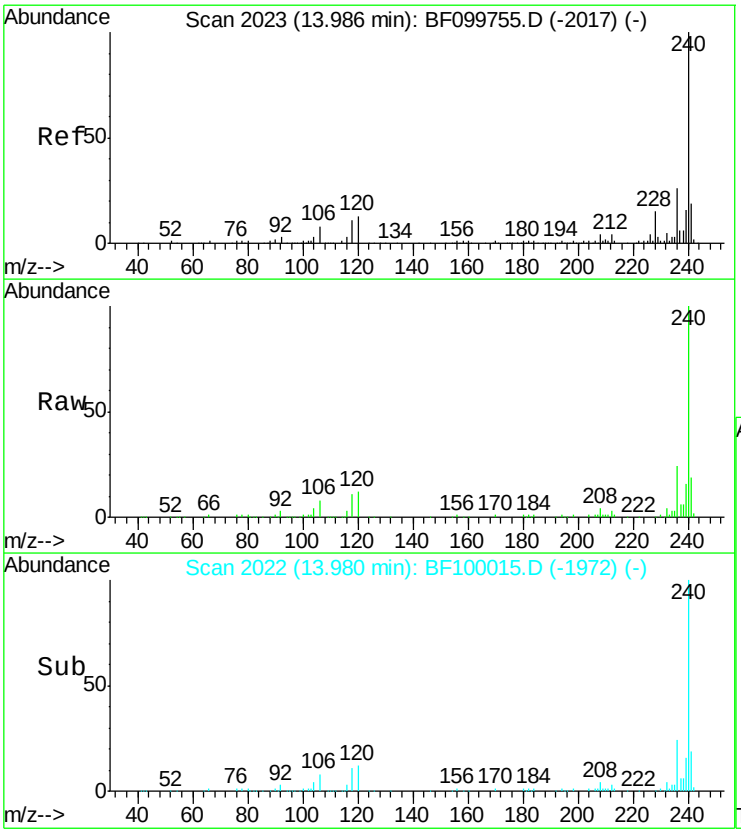
#66
4-Bromophenyl-phenylether
Concen: 2.66 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF100015.D
Acq: 31 Oct 2017 20:34

Instrument :
BNA_F
ClientSampleId :
EPE-M-6(5-10)

Tgt Ion:248 Resp: 8035

Ion	Ratio	Lower	Upper
248	100		
250	213.5	76.9	115.3#
141	556.3	74.4	111.6#

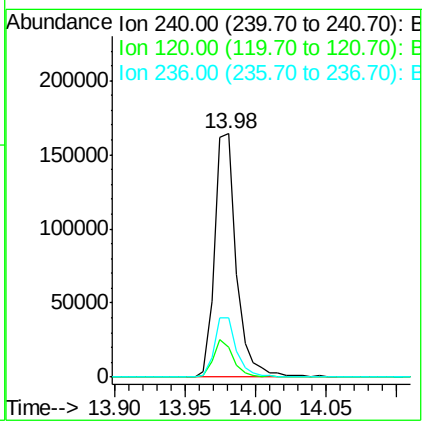


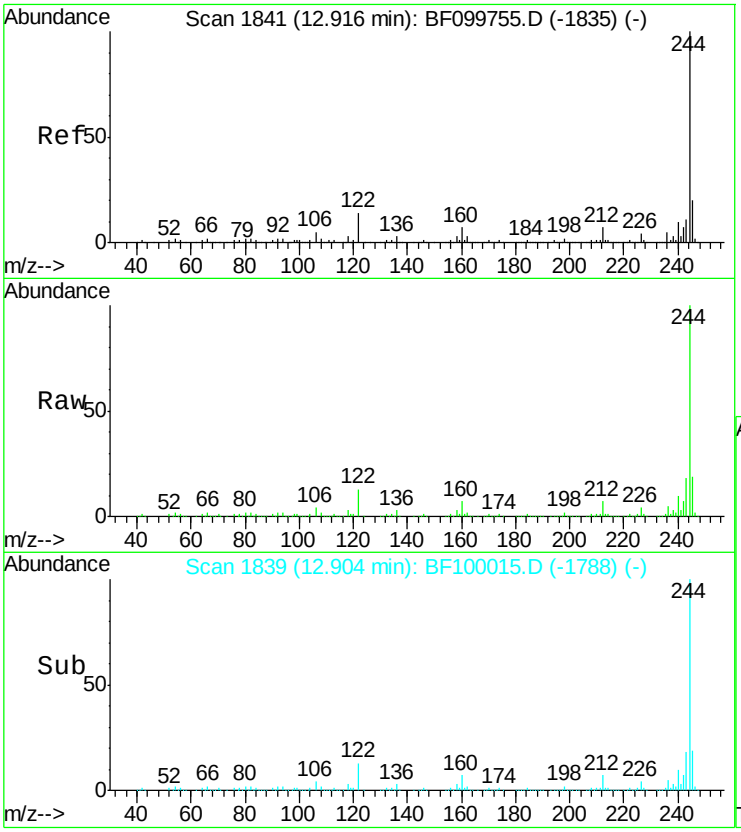


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF100015.D
Acq: 31 Oct 2017 20:34

Tgt Ion:240 Resp: 176454

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	24.5	20.7	31.1



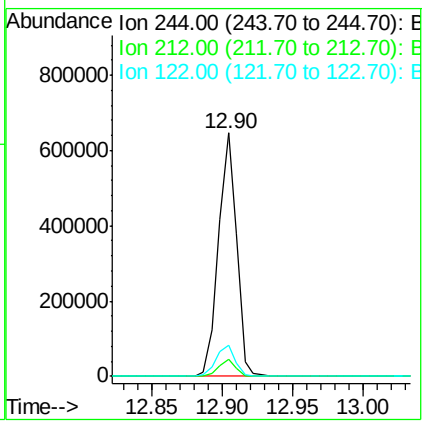


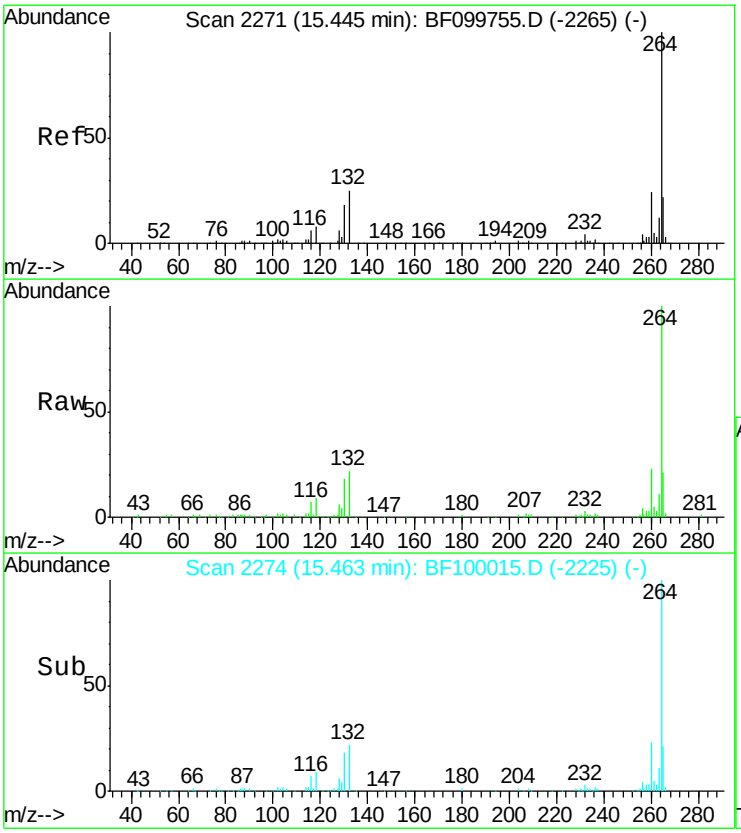
#78
Terphenyl-d14
Concen: 71.76 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BF100015.D
Acq: 31 Oct 2017 20:34

Instrument :
BNA_F
ClientSampleId :
EPE-M-6(5-10)

Tgt Ion:244 Resp: 579387

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.0	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF100015.D
Acq: 31 Oct 2017 20:34

Tgt Ion:264 Resp: 153637

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.4	17.5	26.3