Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104996.D
Acq On : 1 May 2018 20:46
Operator : JU/SJ
Sample : J2626-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-MX-4(80-82)

Quant Time: May 02 06:54:11 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 16:13:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	116137	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	493518	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	220905	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	352764	20.00	ng	0.00
75) Chrysene-d12	14.01	240	235248	20.00	ng	0.04
86) Perylene-d12	15.56	264	208418	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	801268	105.49	ng	0.00
7) Phenol-d6	6.43	99	978816	104.89	ng	0.00
23) Nitrobenzene-d5	7.36	82	597884	79.11	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	222293	97.01	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1044960	74.73	ng	0.00
78) Terphenyl-d14	12.92	244	753902	73.06	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	77585	12.723	ng	# 72
25) Isophorone	7.36	82	597877	37.409	ng	# 64
49) Dimethylphthalate	9.55	163	128585	7.381	ng	99
56) 2,4-Dinitrotoluene	9.83	165	27797	6.574	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.63	198	376	7.532	ng	# 9
66) 4-Bromophenyl-phenylether	10.63	248	13599	3.624	ng	# 1
76) Benzidine	12.91	184	9473	Below Cal		96

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

Quantitation Report (Not Reviewed)

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Acq On : 1 May 2018 20:46
Operator : JU/SJ
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Misc :
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Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(80-82)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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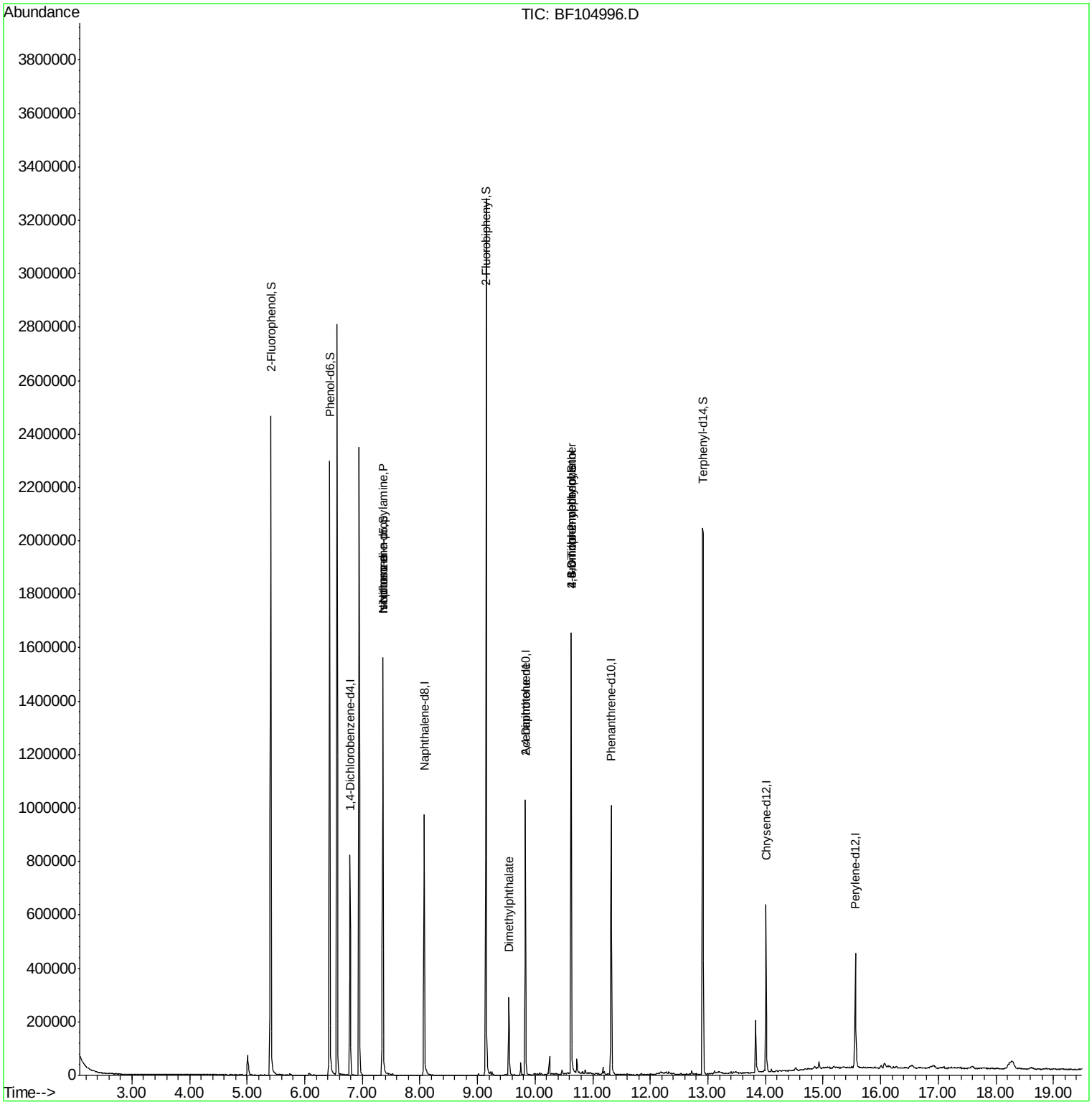
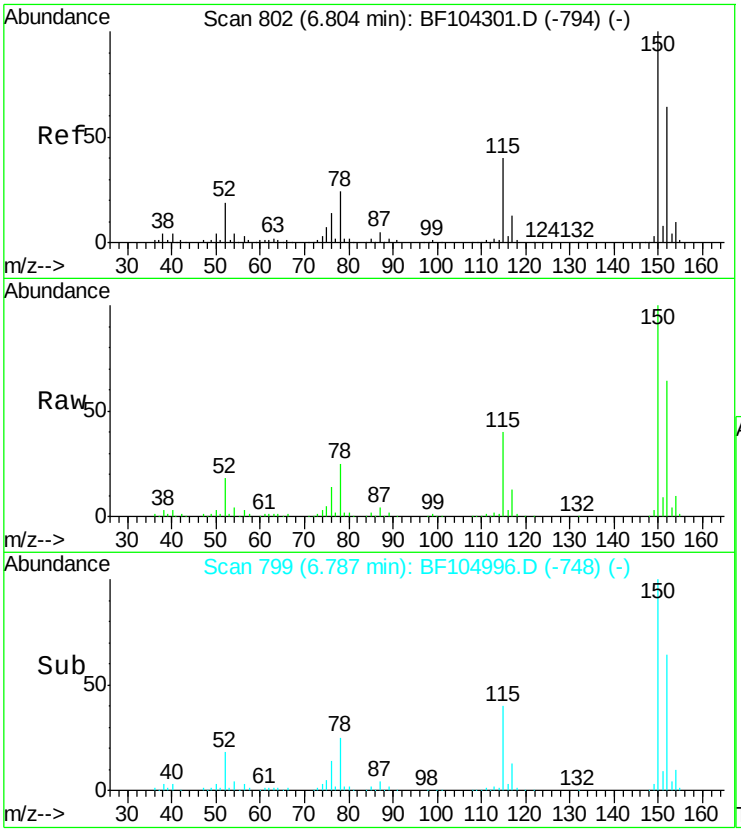


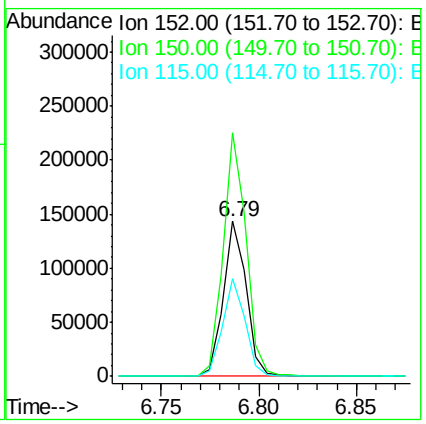


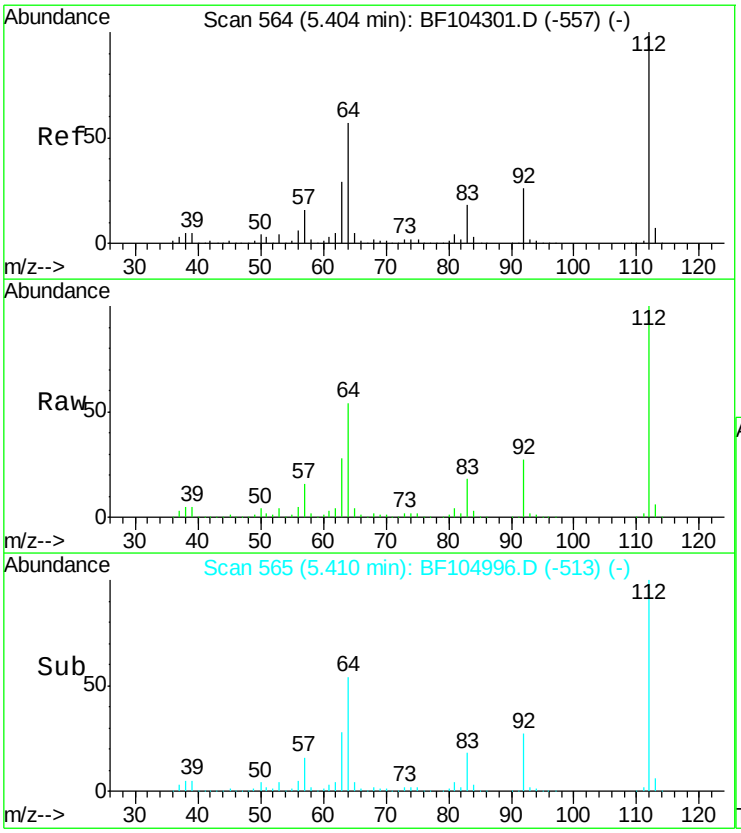
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF104996.D
Acq: 1 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(80-82)

Tgt Ion:152 Resp: 116137

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	63.5	50.1	75.1

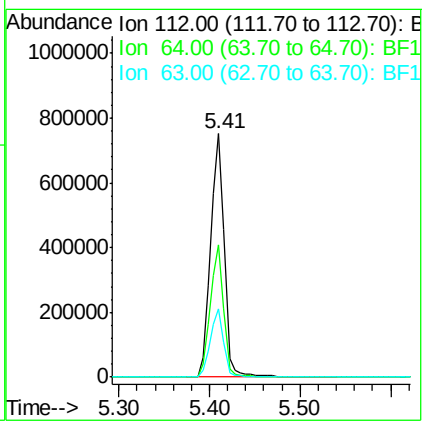


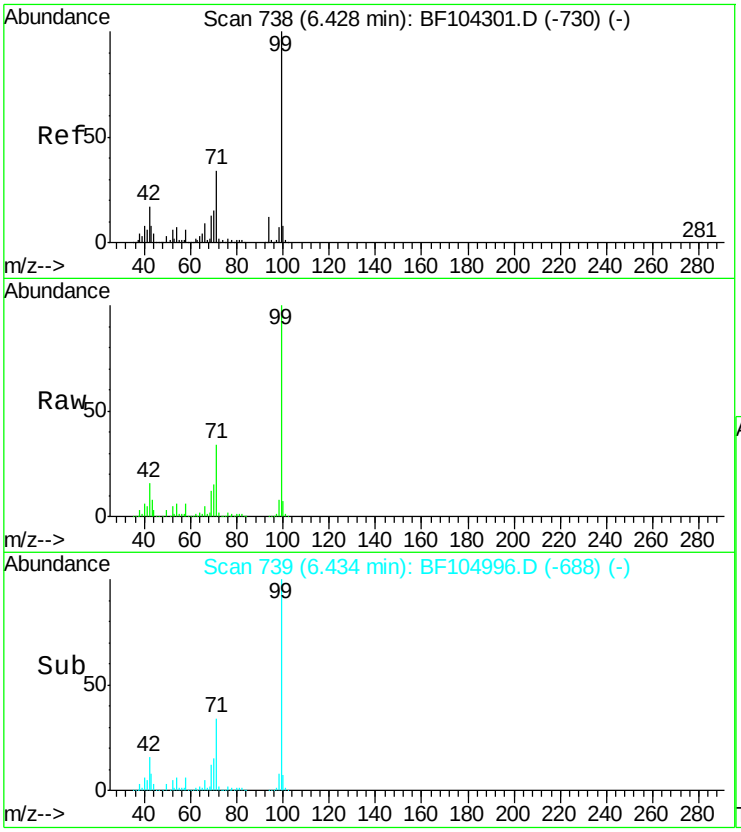


#5
2-Fluorophenol
Concen: 105.495 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104996.D
Acq: 1 May 2018 20:46

Tgt Ion:112 Resp: 801268

Ion	Ratio	Lower	Upper
112	100		
64	54.2	47.9	71.9
63	28.2	23.7	35.5



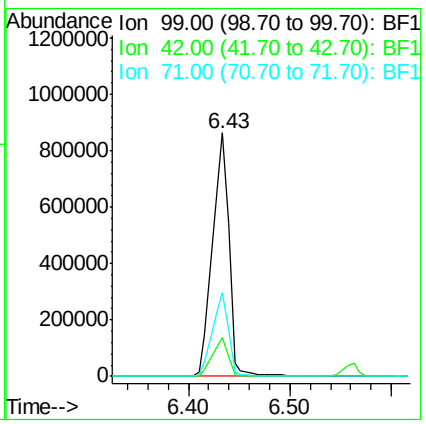


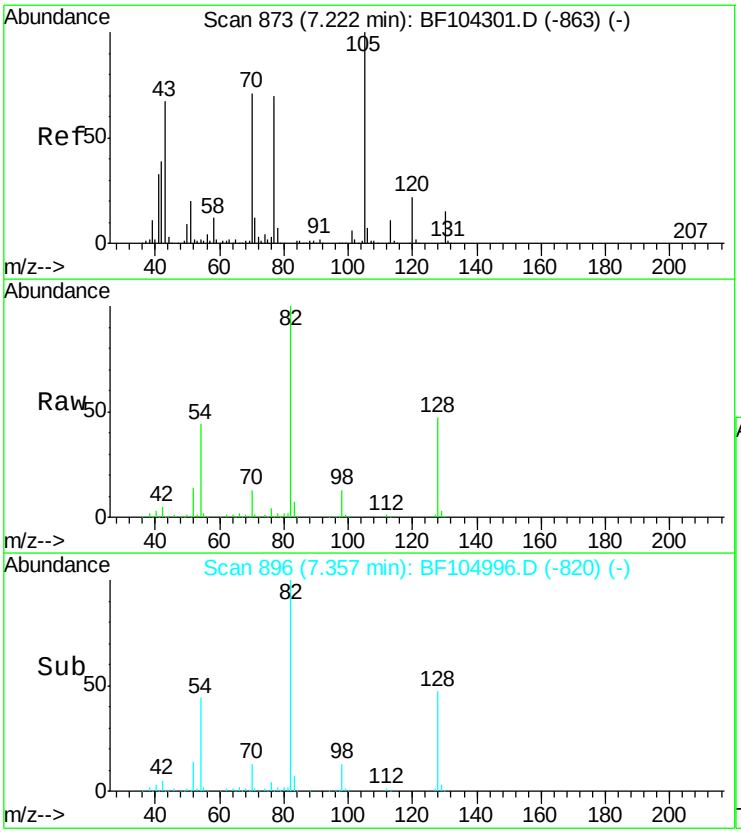
#7
Phenol-d6
Concen: 104.886 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF104996.D
Acq: 1 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(80-82)

Tgt Ion: 99 Resp: 978816

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	34.5	25.4	38.0

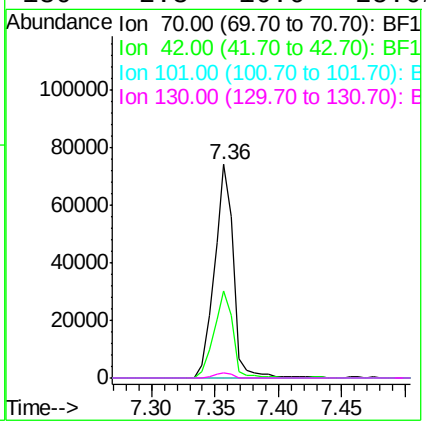


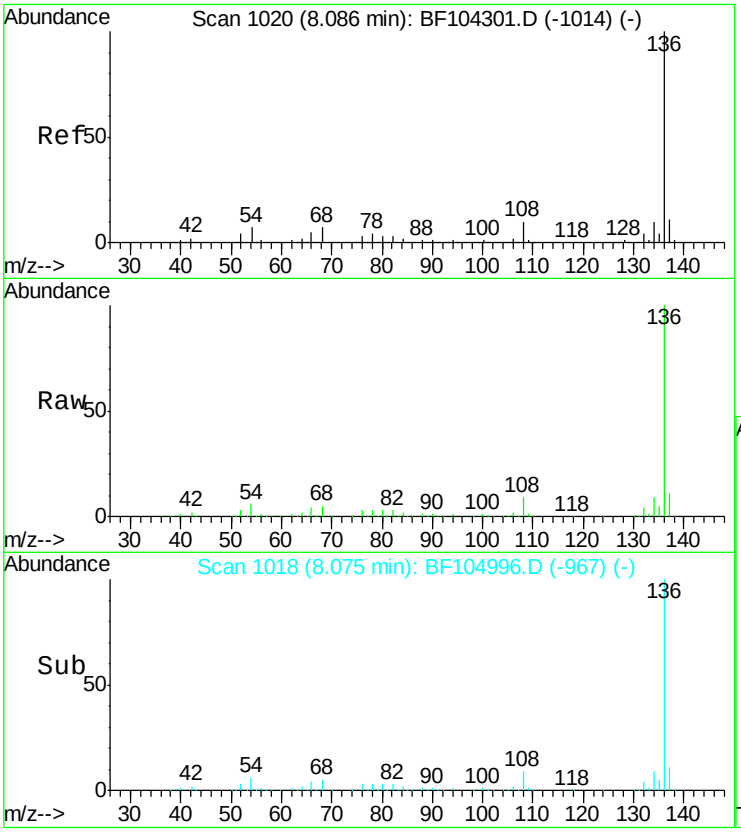


#19
n-Nitroso-di-n-propylamine
Concen: 12.723 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF104996.D
Acq: 1 May 2018 20:46

Tgt Ion: 70 Resp: 77585

Ion	Ratio	Lower	Upper
70	100		
42	40.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



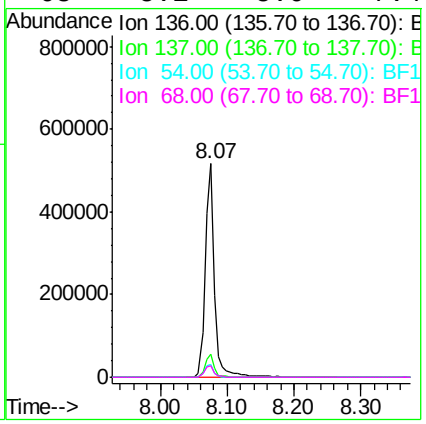


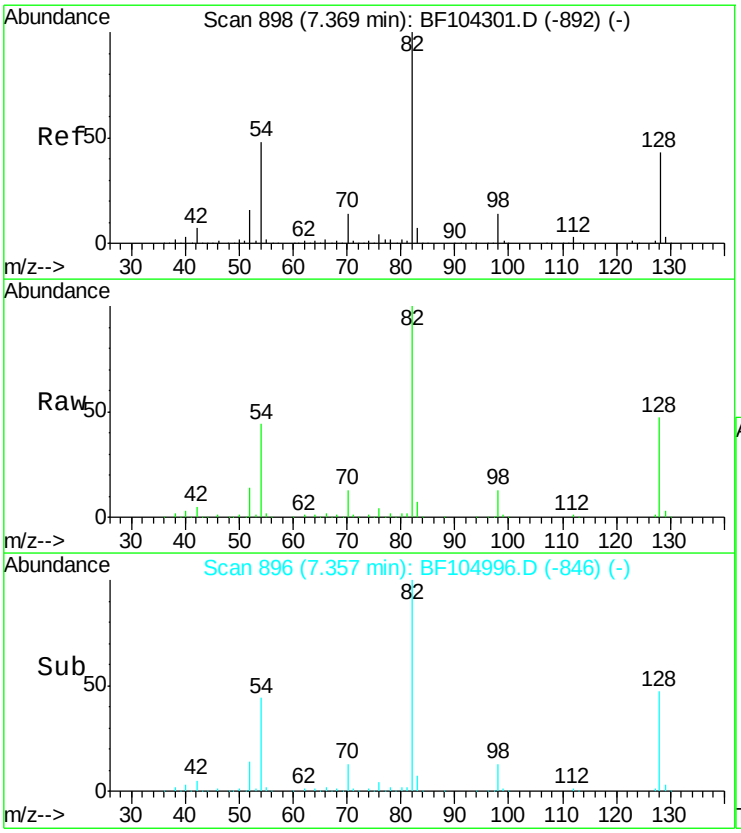
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF104996.D
Acq: 1 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(80-82)

Tgt Ion:136 Resp: 493518

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.1	6.6	9.8#
68	5.1	5.0	7.4

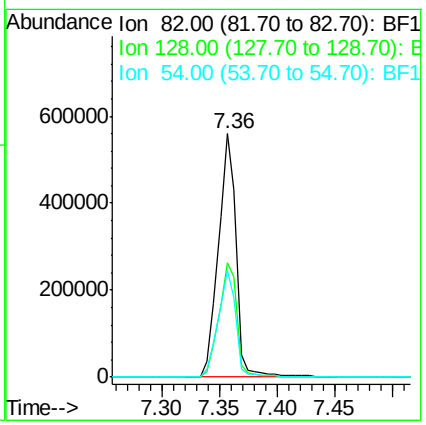


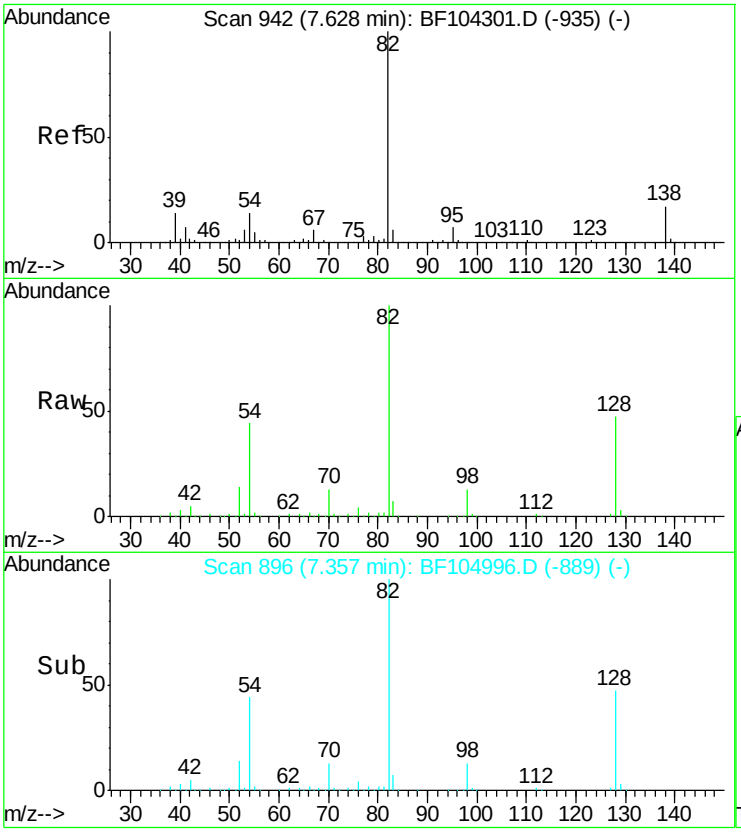


#23
Nitrobenzene-d5
Concen: 79.107 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF104996.D
Acq: 1 May 2018 20:46

Tgt Ion: 82 Resp: 597884

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	43.9	41.4	62.2



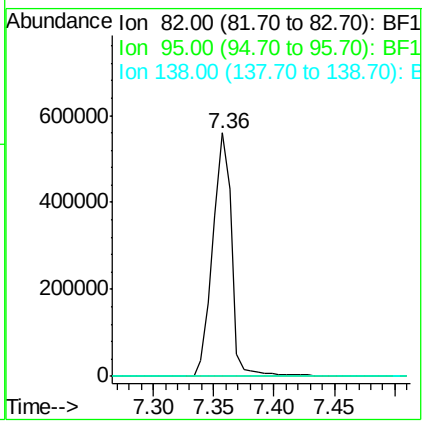


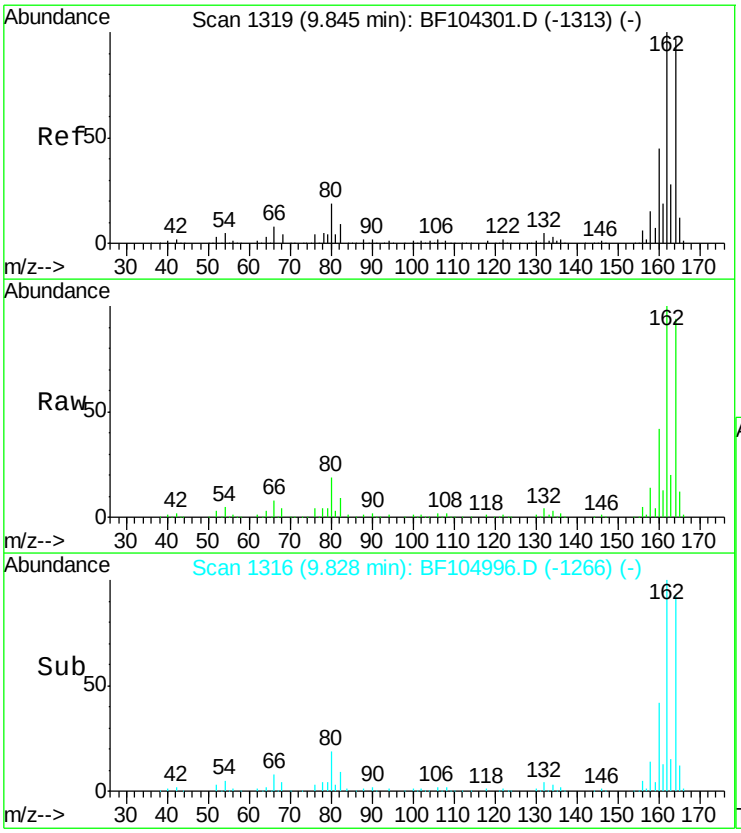
#25
Isophorone
Concen: 37.409 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF104996.D
Acq: 1 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(80-82)

Tgt Ion: 82 Resp: 597877

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

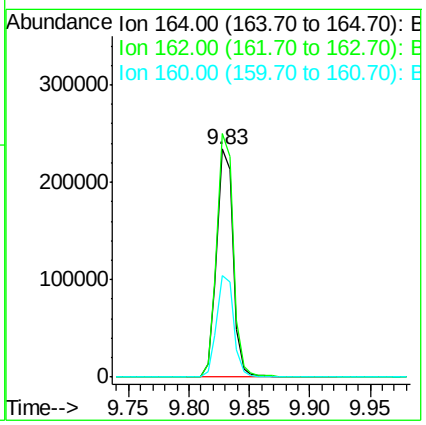


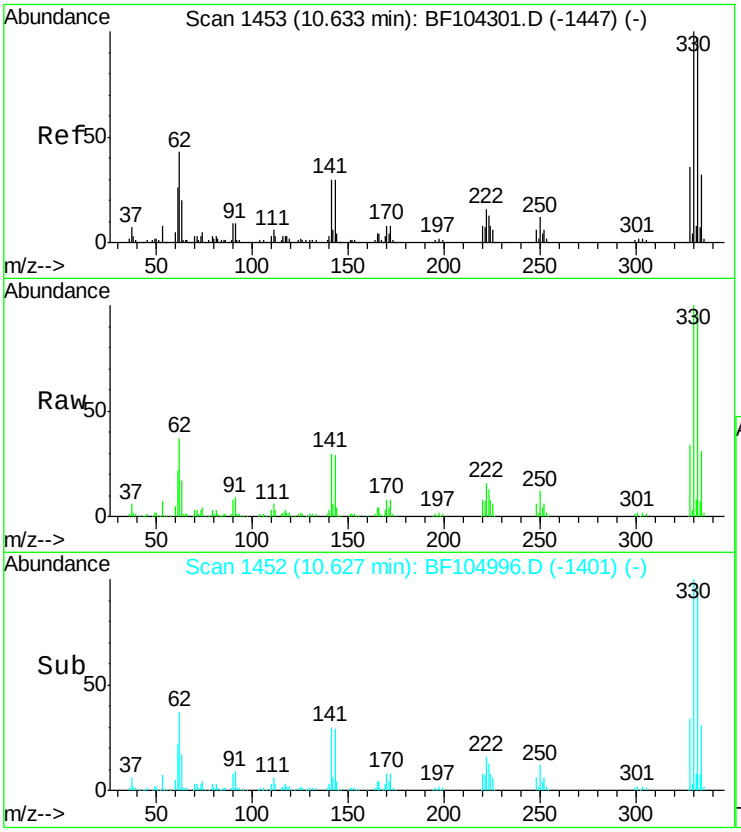


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF104996.D
Acq: 1 May 2018 20:46

Tgt Ion:164 Resp: 220905

Ion	Ratio	Lower	Upper
164	100		
162	106.8	86.1	129.1
160	44.7	38.3	57.5



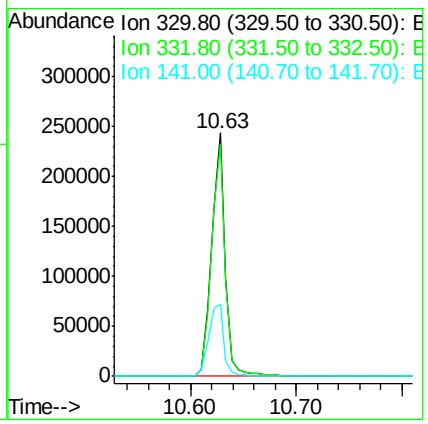


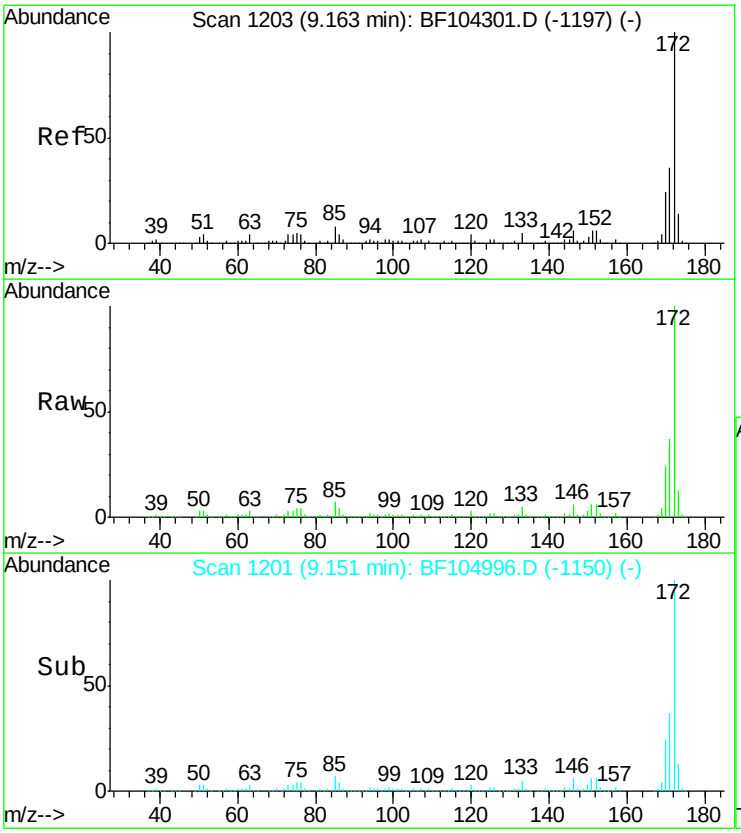
#41
2,4,6-Tribromophenol
Concen: 97.007 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF104996.D
Acq: 1 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(80-82)

Tgt Ion:330 Resp: 222293

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	33.2	29.9	44.9

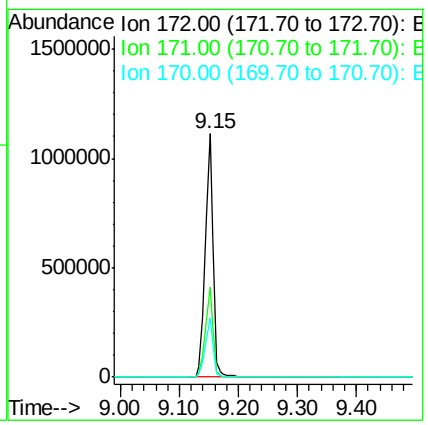


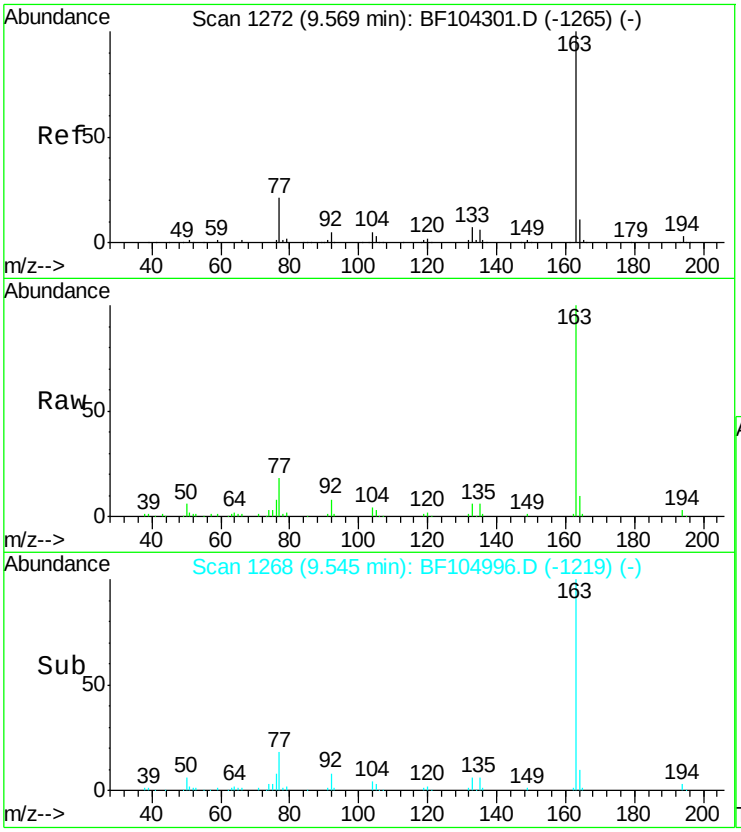


#44
2-Fluorobiphenyl
Concen: 74.728 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF104996.D
Acq: 1 May 2018 20:46

Tgt Ion:172 Resp: 1044960

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.4	19.6	29.4



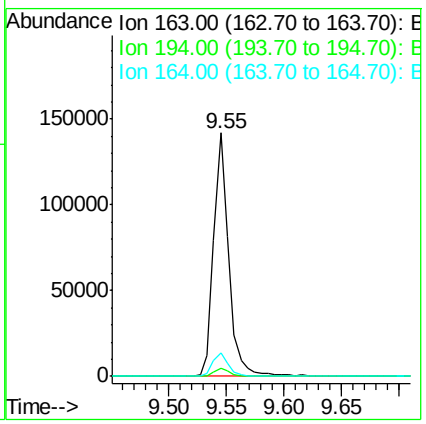


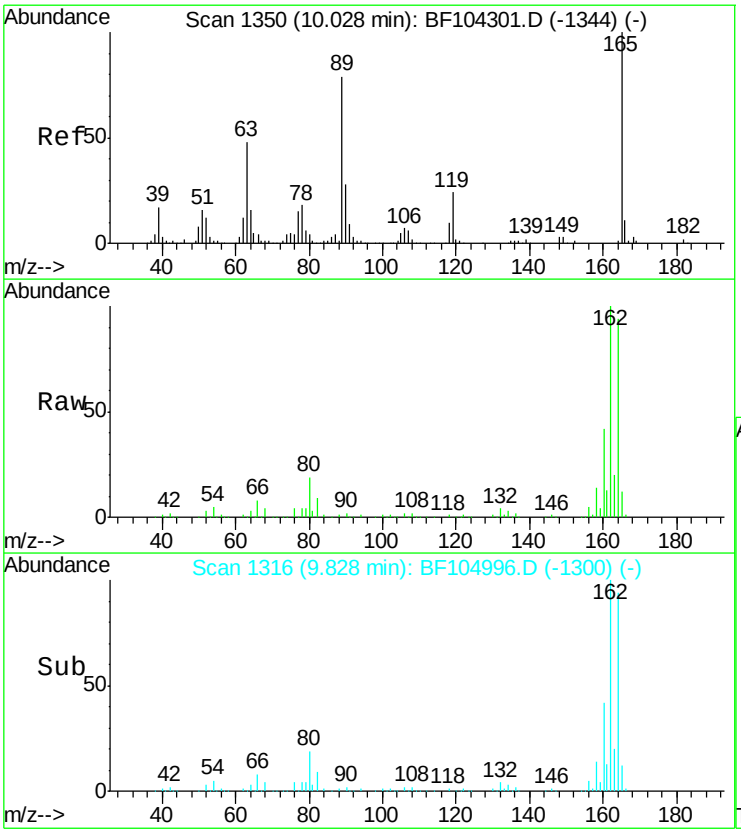
#49
Dimethylphthalate
Concen: 7.381 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF104996.D
Acq: 1 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(80-82)

Tgt Ion:163 Resp: 128585

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.9	8.2	12.2

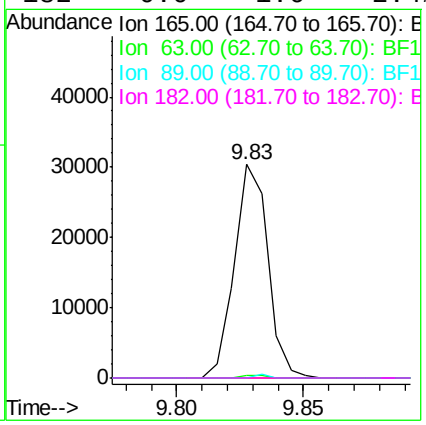


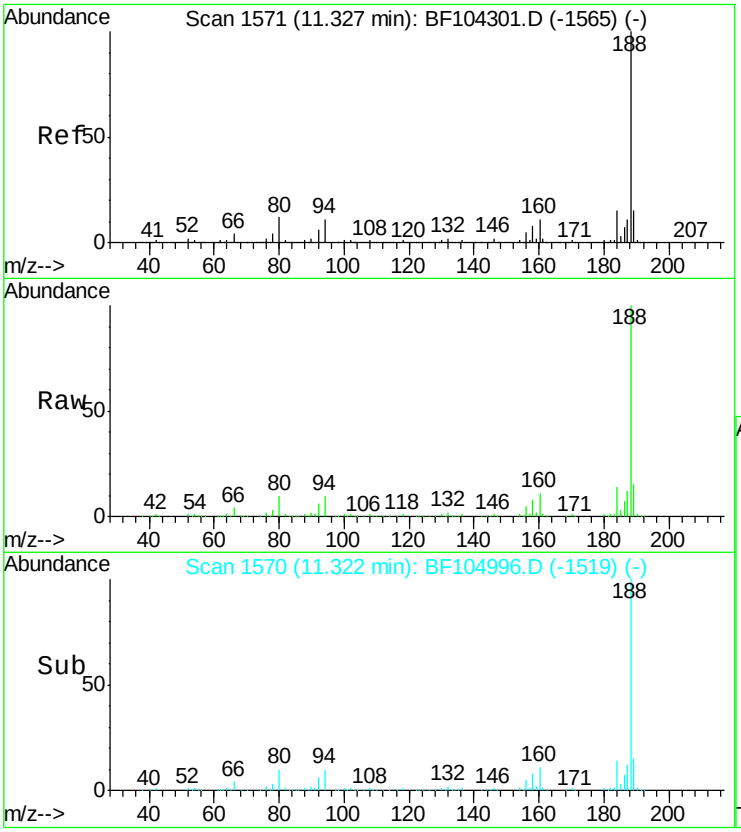


#56
2,4-Dinitrotoluene
Concen: 6.574 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF104996.D
Acq: 1 May 2018 20:46

Tgt Ion:165 Resp: 27797

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



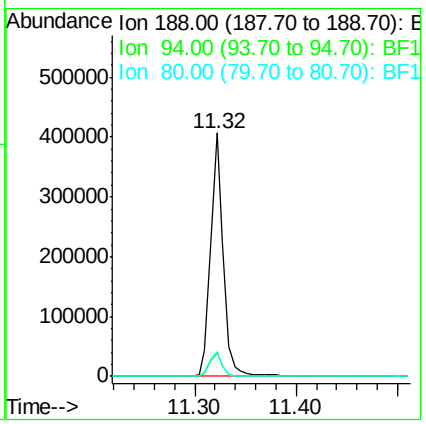


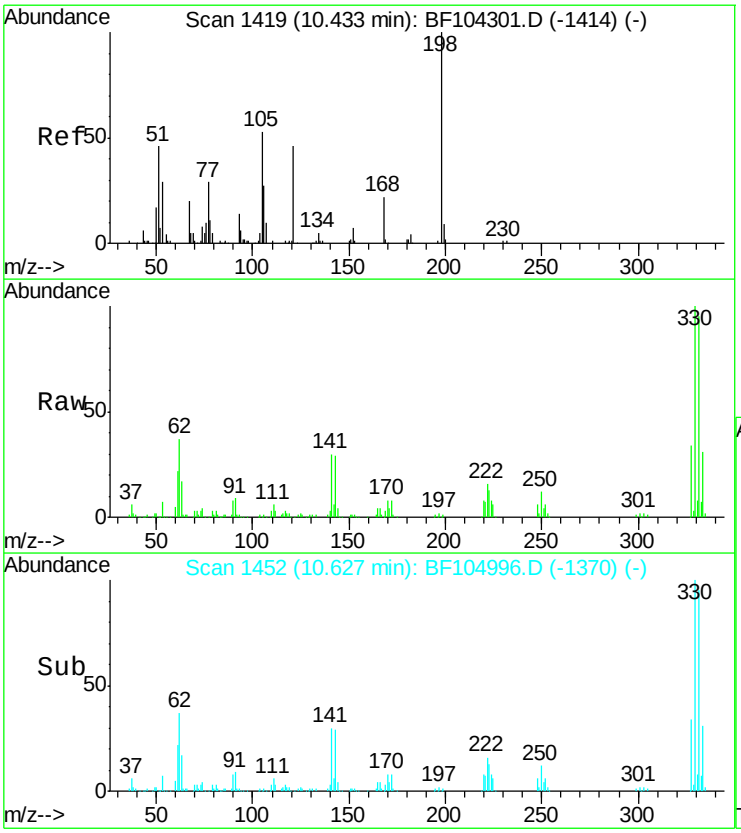
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF104996.D
Acq: 1 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(80-82)

Tgt Ion:188 Resp: 352764

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.4	9.2	13.8

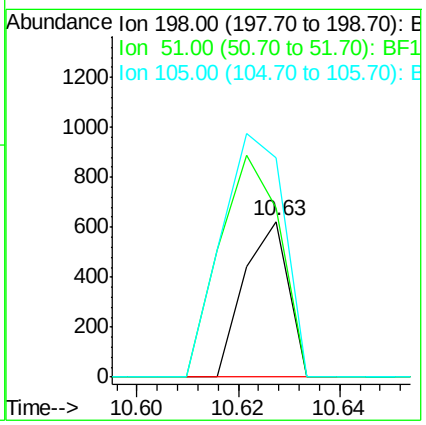


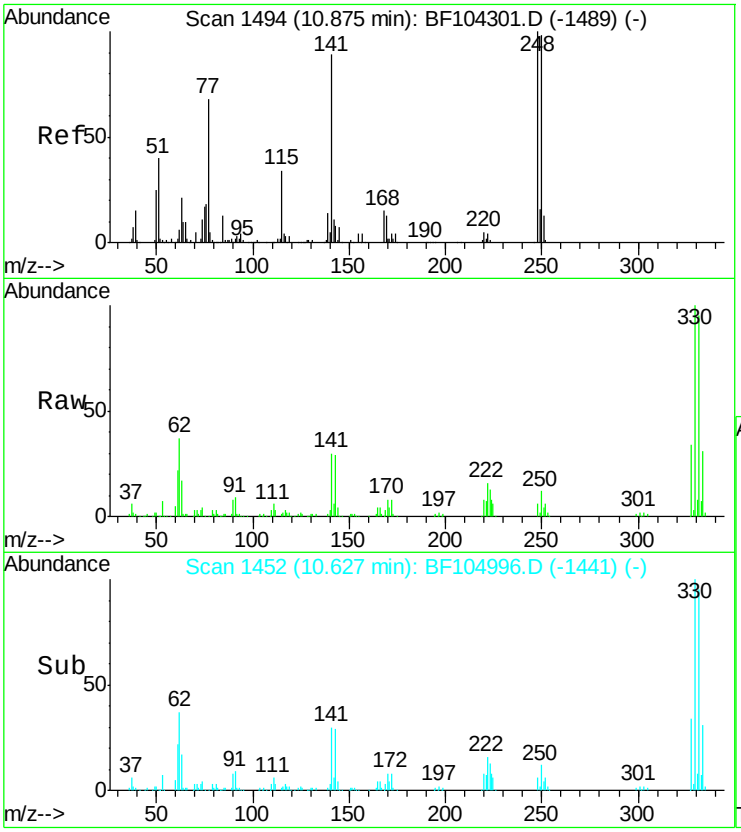


#64
4,6-Dinitro-2-methylphenol
Concen: 7.532 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.18 min
Lab File: BF104996.D
Acq: 1 May 2018 20:46

Tgt Ion:198 Resp: 376

Ion	Ratio	Lower	Upper
198	100		
51	108.3	37.7	77.7#
105	140.5	36.3	76.3#



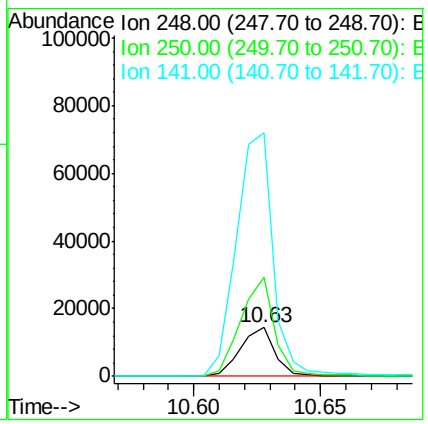


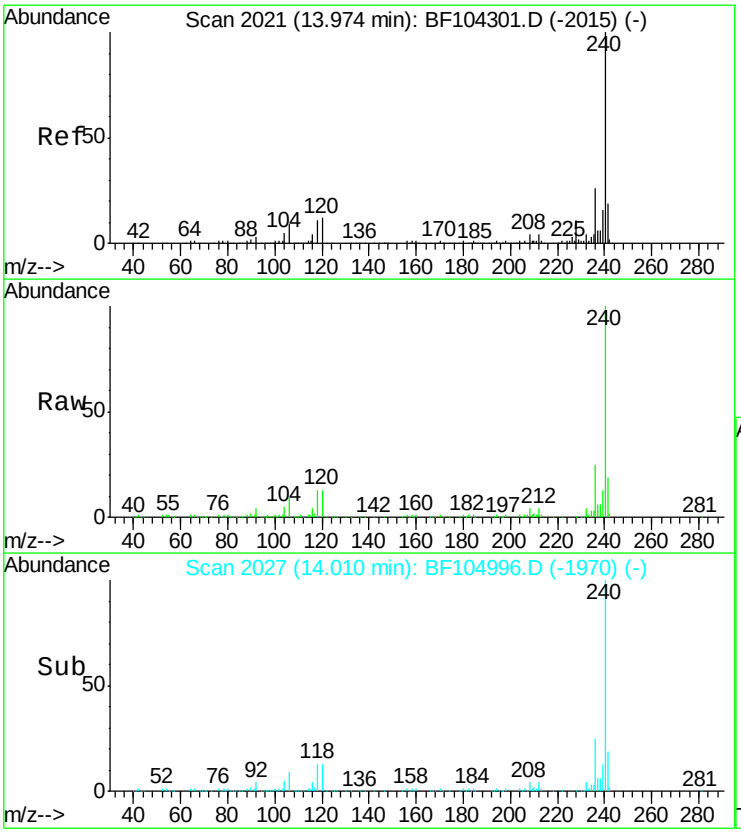
#66
4-Bromophenyl-phenylether
Concen: 3.624 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF104996.D
Acq: 1 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(80-82)

Tgt Ion:248 Resp: 13599

Ion	Ratio	Lower	Upper
248	100		
250	202.8	76.9	115.3#
141	498.6	74.4	111.6#

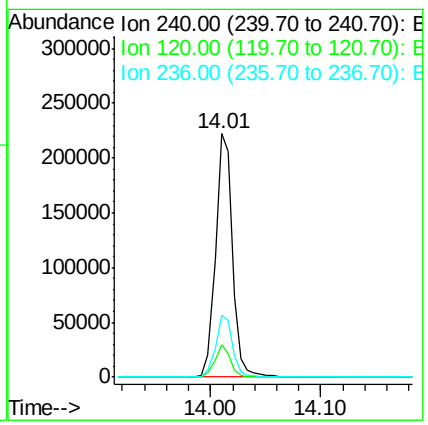


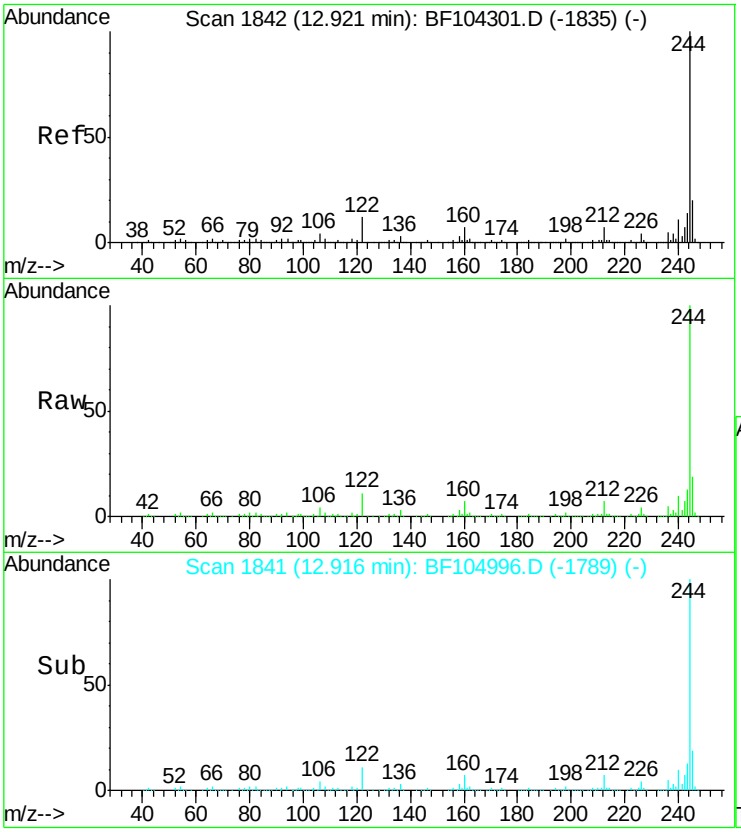


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.04 min
Lab File: BF104996.D
Acq: 1 May 2018 20:46

Tgt Ion:240 Resp: 235248

Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.5	14.3
236	25.3	20.7	31.1



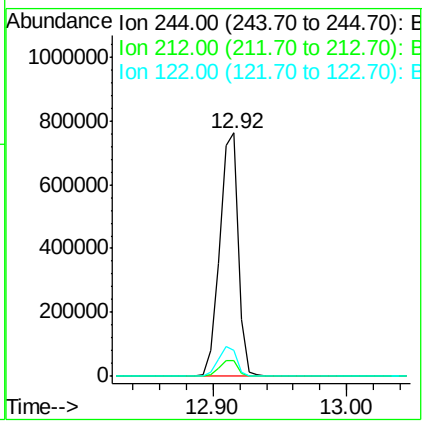


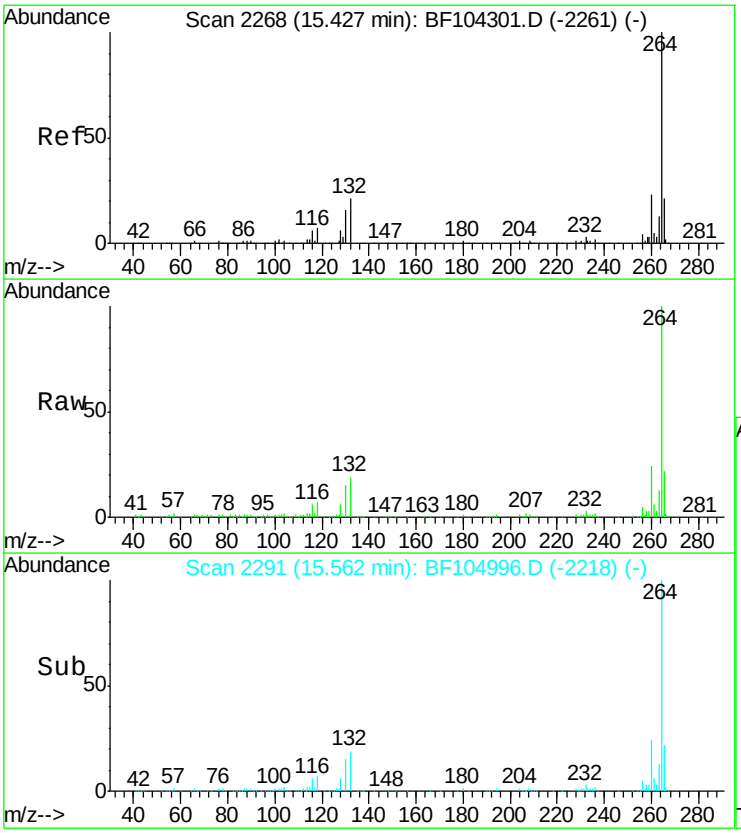
#78
Terphenyl-d14
Concen: 73.062 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BF104996.D
Acq: 1 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(80-82)

Tgt Ion:244 Resp: 753902

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.8	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.13 min
Lab File: BF104996.D
Acq: 1 May 2018 20:46

Tgt Ion:264 Resp: 208418

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.9	17.5	26.3