Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050218\
Data File : BF105039.D
Acq On : 2 May 2018 18:56
Operator : JU/SJ
Sample : J2626-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-MX-4(90-92)

Quant Time: May 03 04:24:39 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 02 17:25:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	82227	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	330049	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	147208	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	246461	20.00	ng	0.00
75) Chrysene-d12	14.06	240	205038	20.00	ng	0.02
86) Perylene-d12	15.66	264	162974	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	508857	94.62	ng	0.00
7) Phenol-d6	6.43	99	611519	92.55	ng	-0.01
23) Nitrobenzene-d5	7.36	82	359909	71.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	143931	94.26	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	666046	71.48	ng	0.00
78) Terphenyl-d14	12.92	244	563974	62.71	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	46090	10.675	ng	# 71
25) Isophorone	7.36	82	359907	33.673	ng	# 64
49) Dimethylphthalate	9.55	163	63806	5.496	ng	99
50) 2,6-Dinitrotoluene	9.83	165	18178	8.463	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	18178	6.452	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.63	198	125	7.435	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	8894	3.393	ng	# 1
76) Benzidine	12.92	184	7500	Below Cal		96

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

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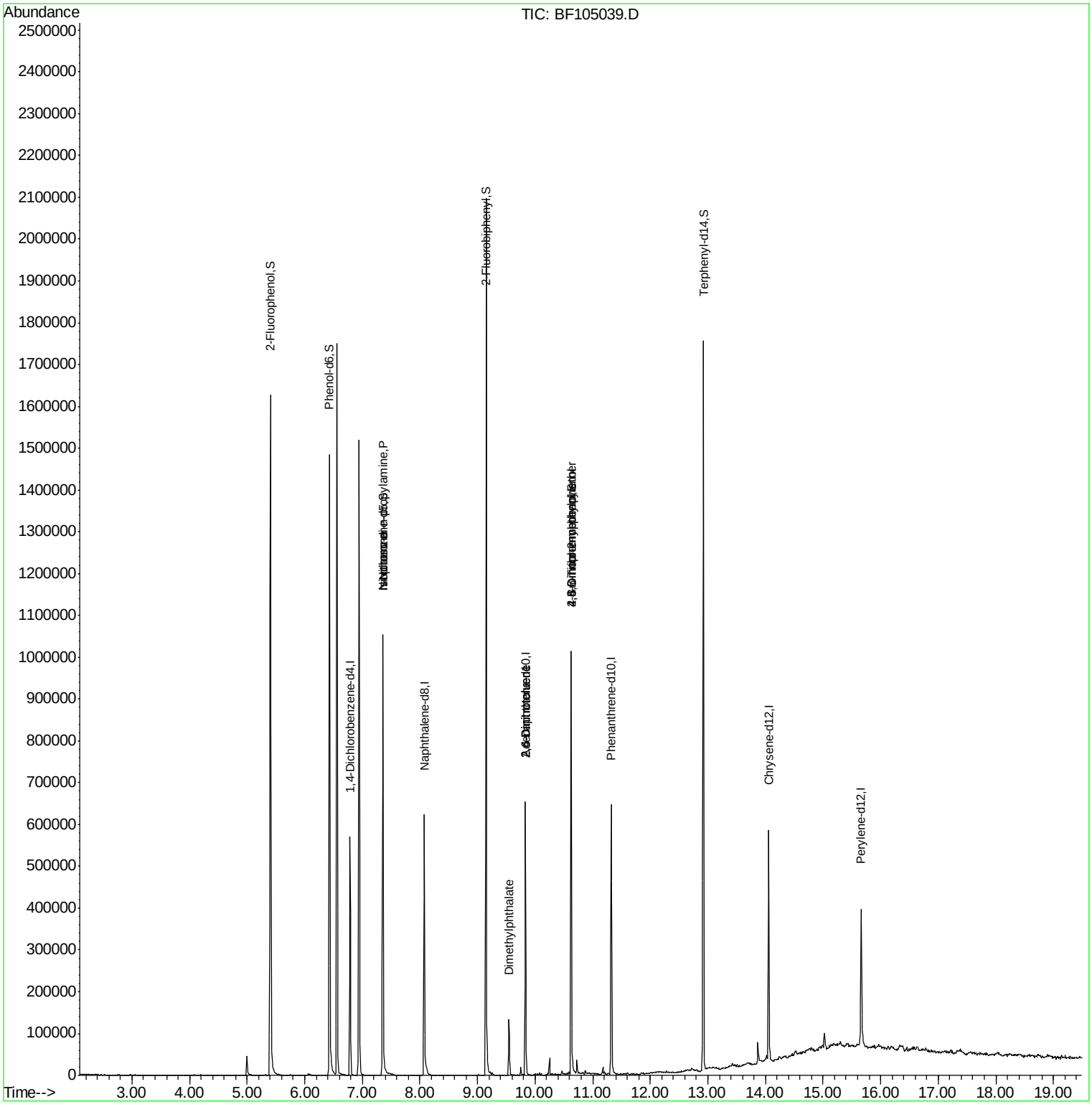
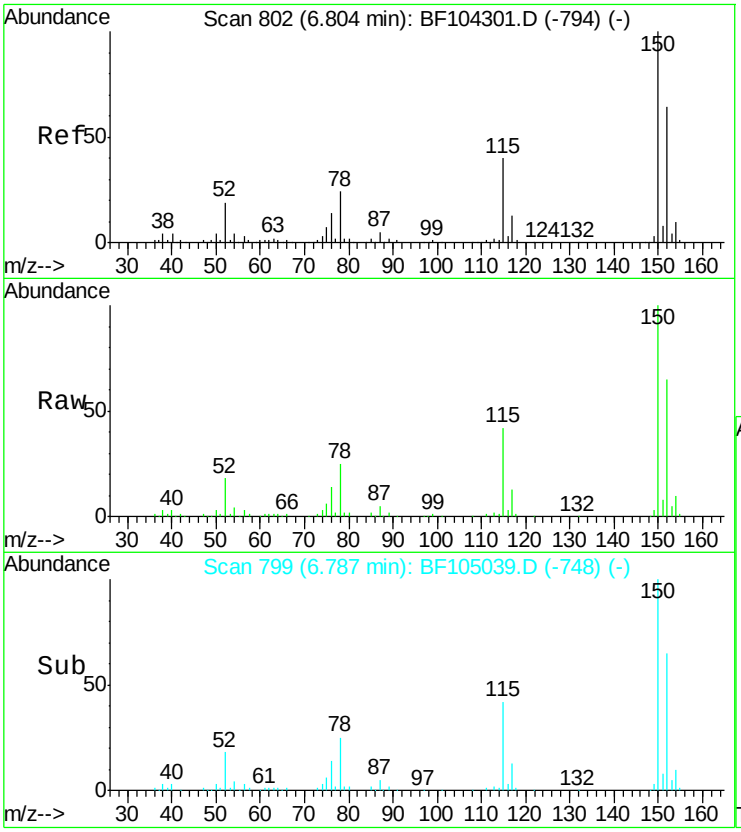


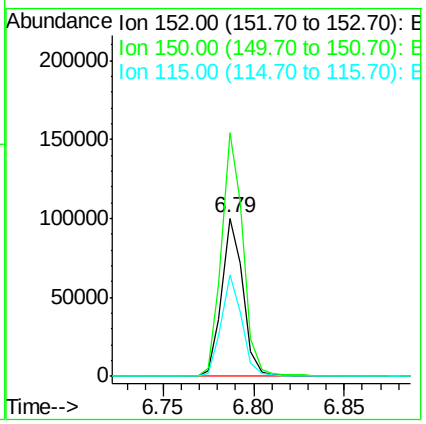


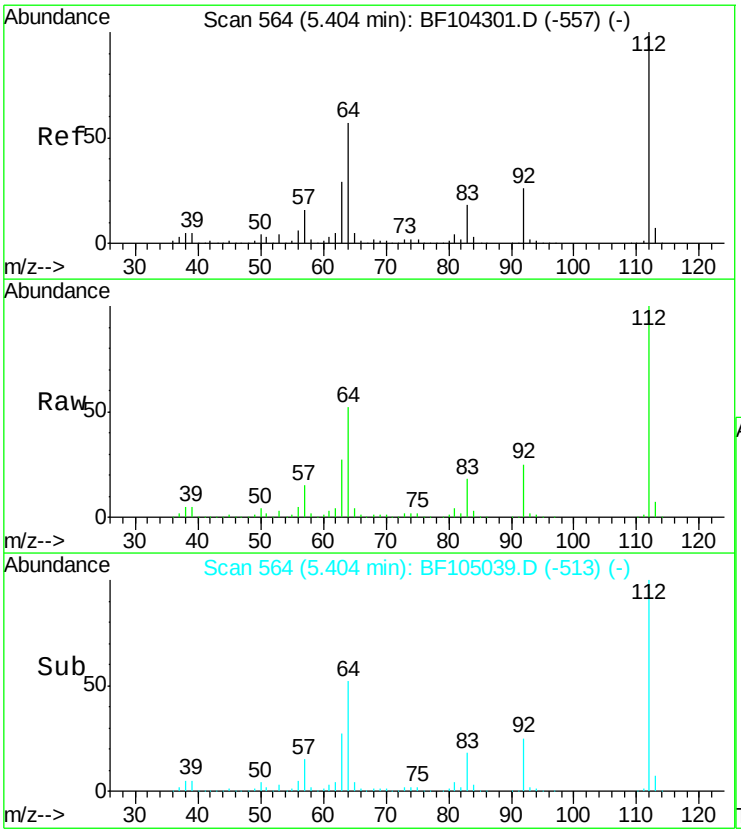
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105039.D
Acq: 2 May 2018 18:56

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(90-92)

Tgt Ion:152 Resp: 82227

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	64.6	50.1	75.1

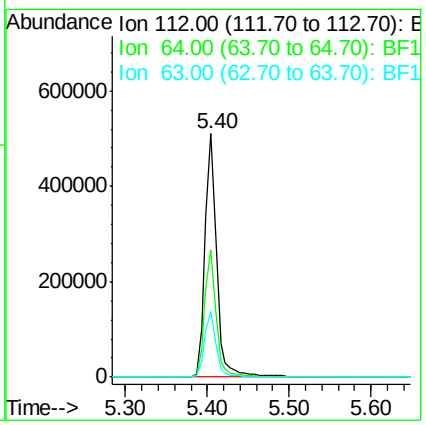


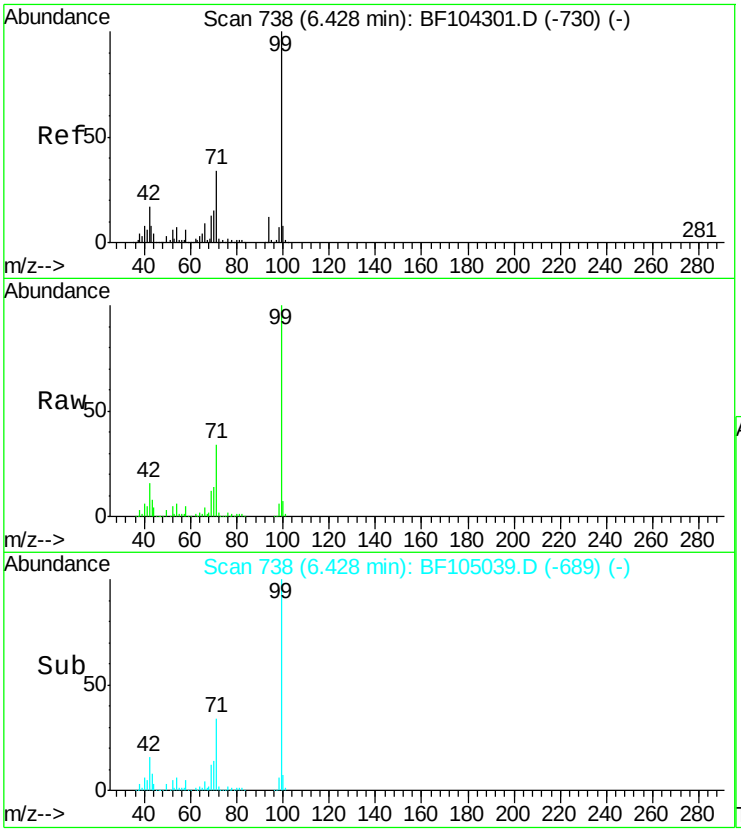


#5
2-Fluorophenol
Concen: 94.625 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF105039.D
Acq: 2 May 2018 18:56

Tgt Ion:112 Resp: 508857

Ion	Ratio	Lower	Upper
112	100		
64	52.2	47.9	71.9
63	27.1	23.7	35.5



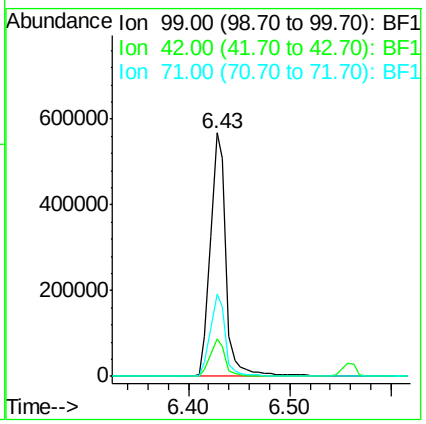


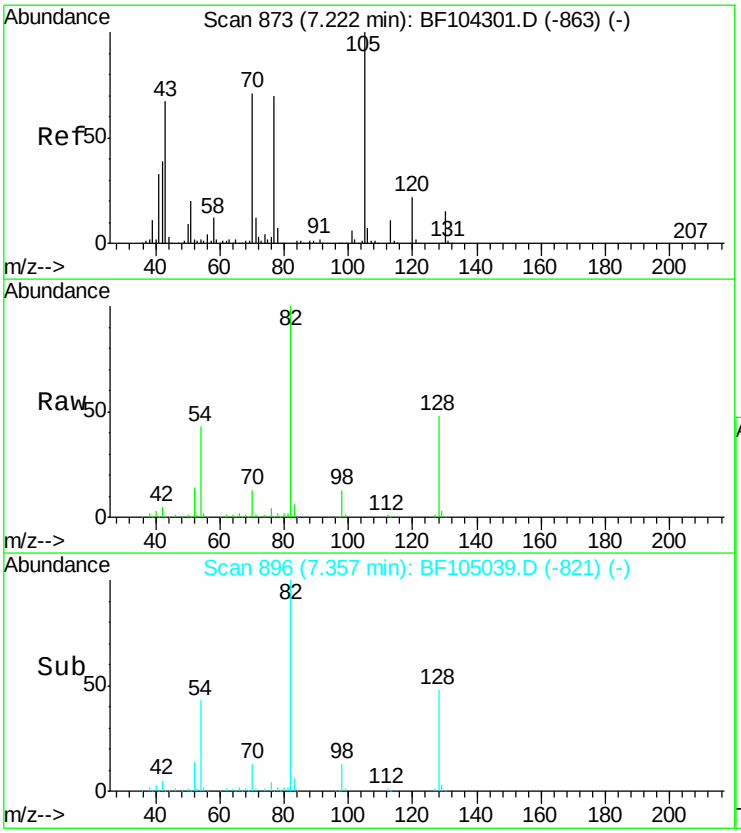
#7
Phenol-d6
Concen: 92.551 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF105039.D
Acq: 2 May 2018 18:56

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(90-92)

Tgt Ion: 99 Resp: 611519

Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.5	21.7
71	33.8	25.4	38.0

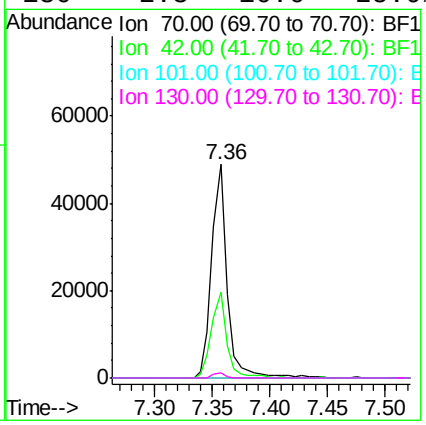


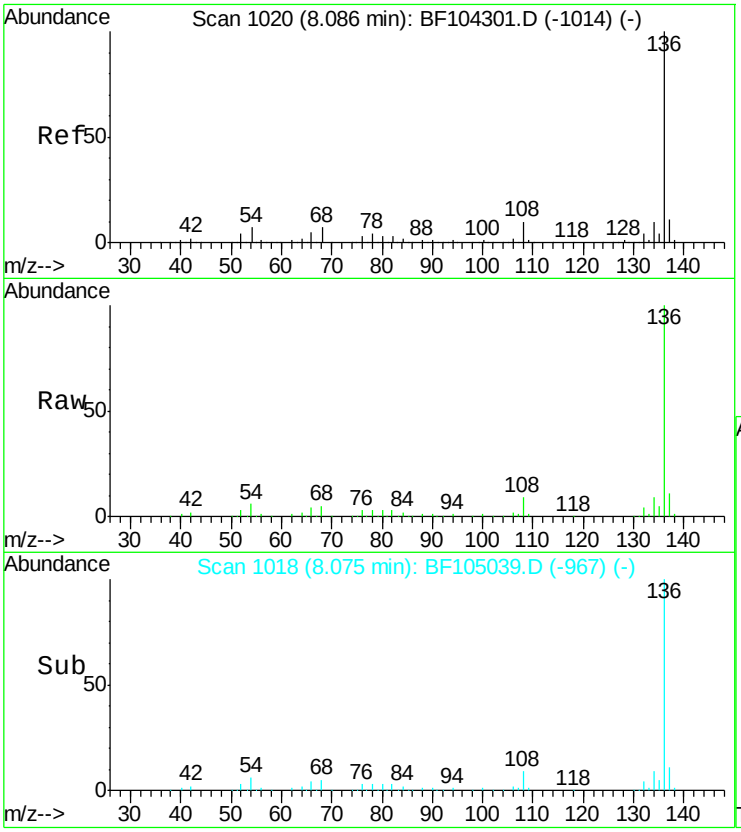


#19
n-Nitroso-di-n-propylamine
Concen: 10.675 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF105039.D
Acq: 2 May 2018 18:56

Tgt Ion: 70 Resp: 46090

Ion	Ratio	Lower	Upper
70	100		
42	40.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



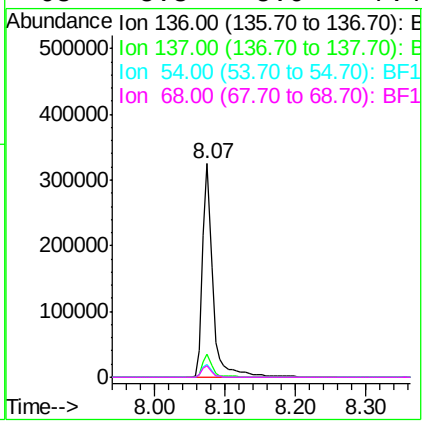


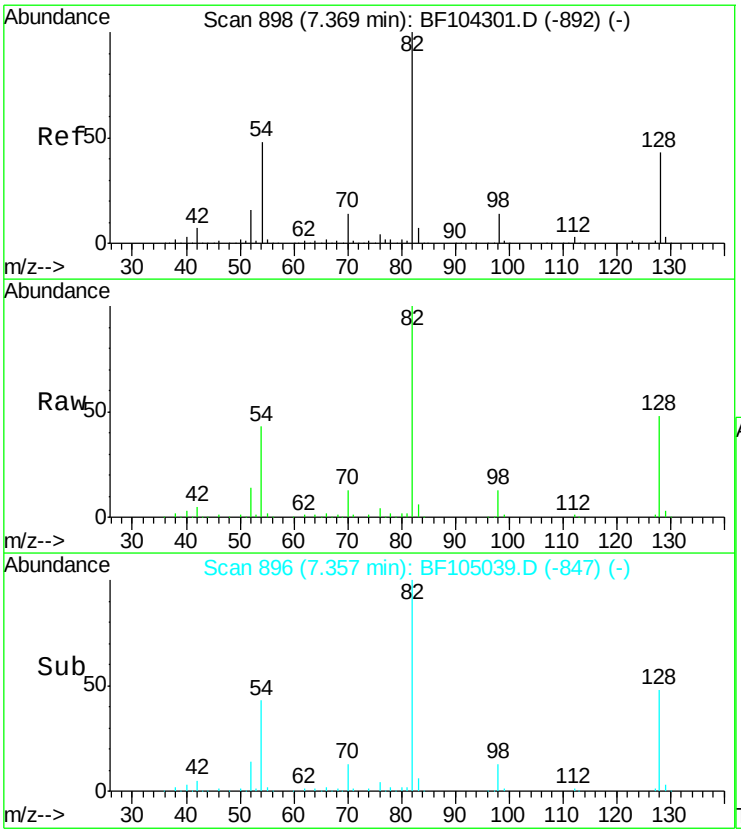
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105039.D
Acq: 2 May 2018 18:56

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(90-92)

Tgt Ion:136 Resp: 330049

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.9	6.6	9.8#
68	5.3	5.0	7.4

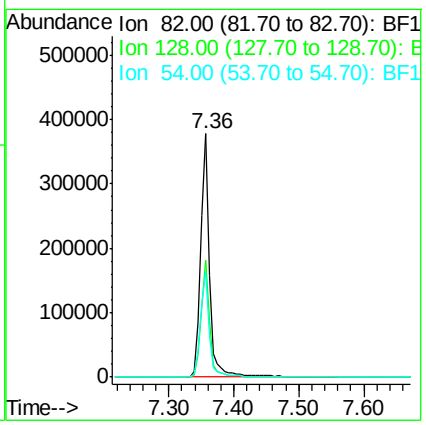


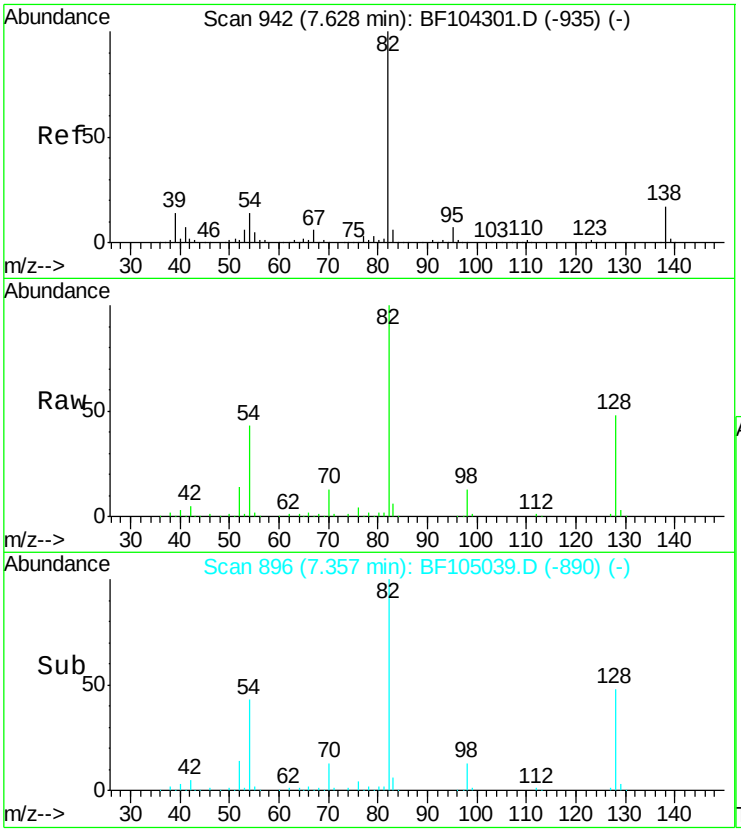


#23
Nitrobenzene-d5
Concen: 71.206 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105039.D
Acq: 2 May 2018 18:56

Tgt Ion: 82 Resp: 359909

Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.1	54.1
54	43.1	41.4	62.2



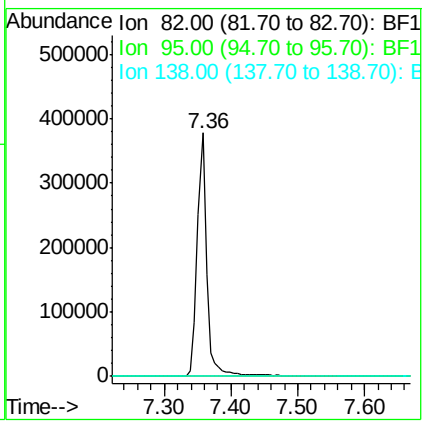


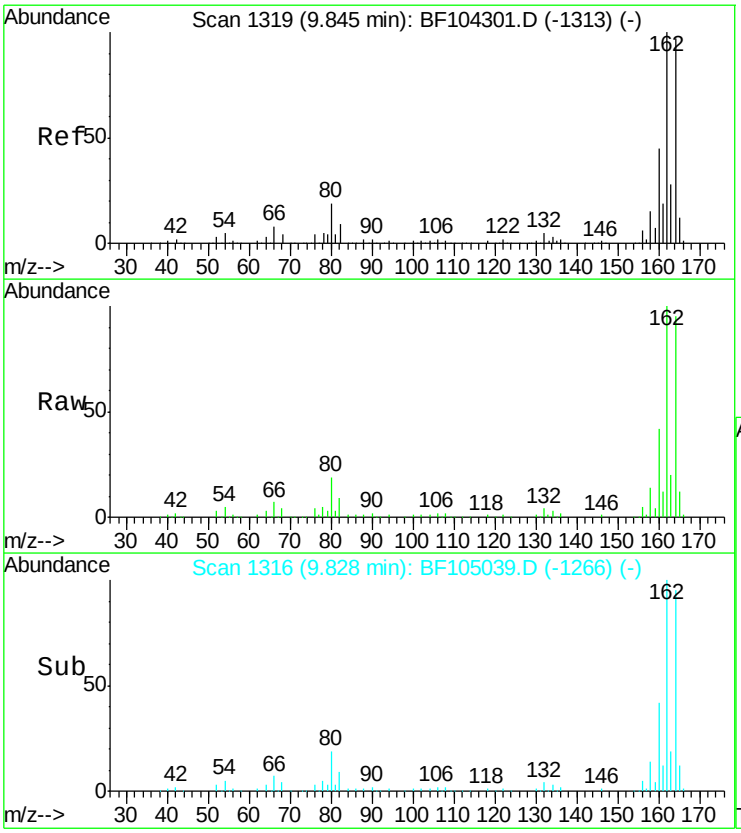
#25
Isophorone
Concen: 33.673 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF105039.D
Acq: 2 May 2018 18:56

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(90-92)

Tgt Ion: 82 Resp: 359907

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

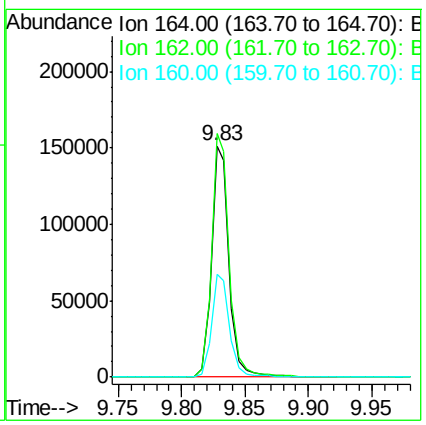


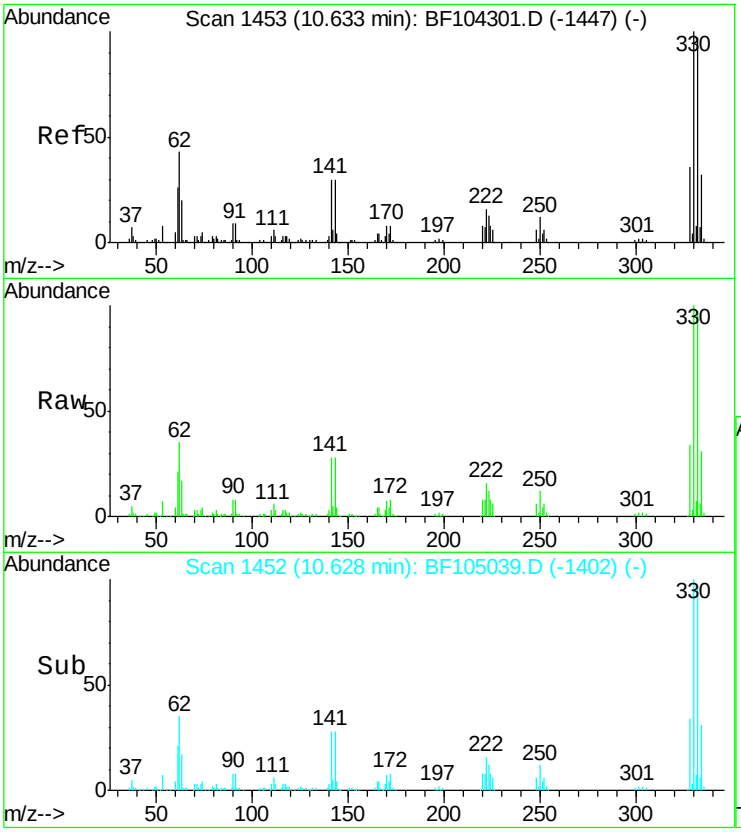


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105039.D
Acq: 2 May 2018 18:56

Tgt Ion:164 Resp: 147208

Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	44.3	38.3	57.5



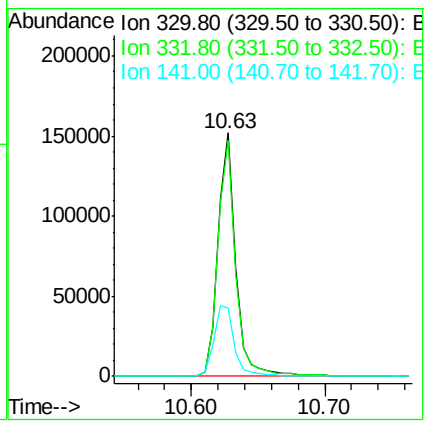


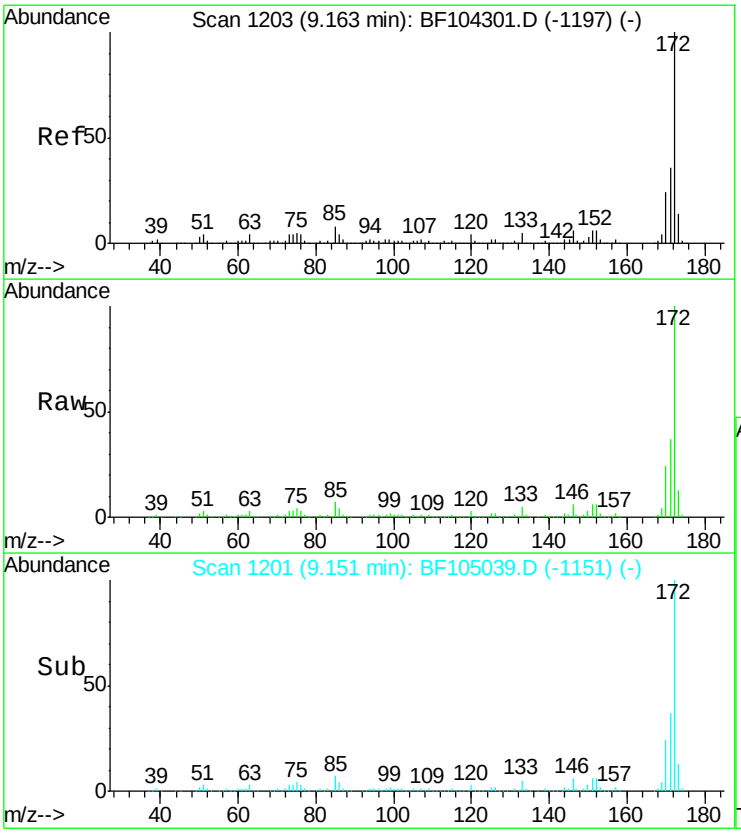
#41
2,4,6-Tribromophenol
Concen: 94.256 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF105039.D
Acq: 2 May 2018 18:56

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(90-92)

Tgt Ion:330 Resp: 143931

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	33.5	29.9	44.9

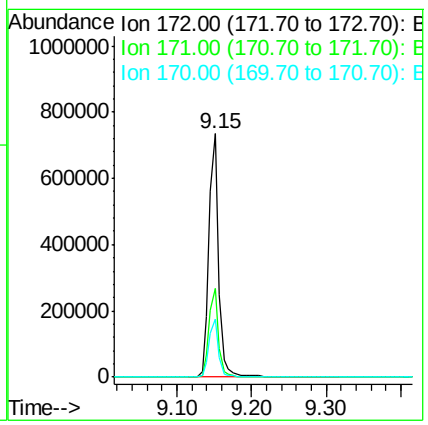


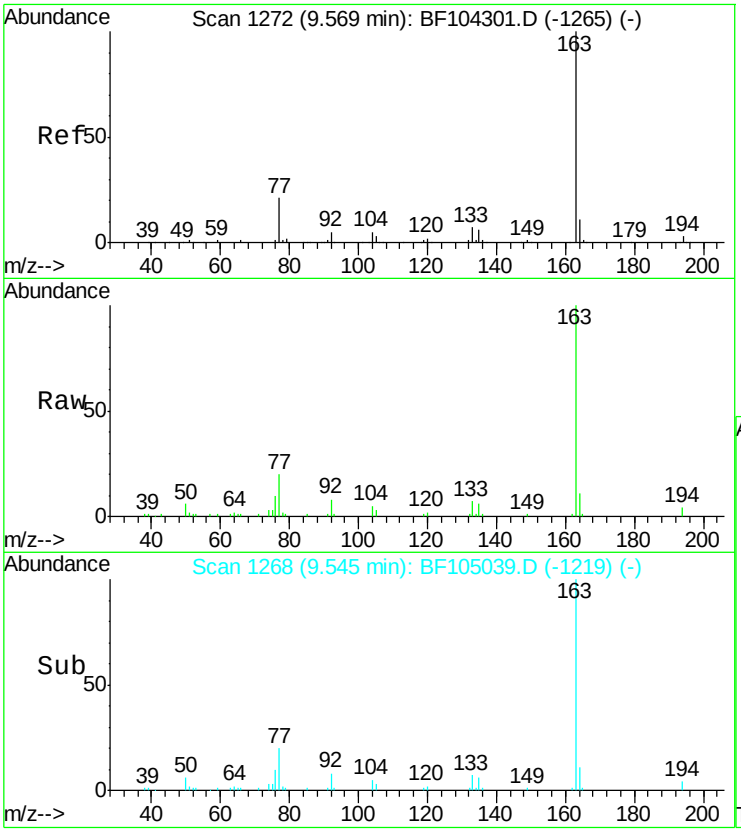


#44
2-Fluorobiphenyl
Concen: 71.476 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF105039.D
Acq: 2 May 2018 18:56

Tgt Ion:172 Resp: 666046

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.7	19.6	29.4



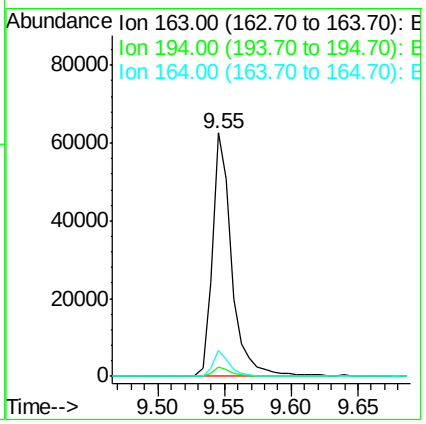


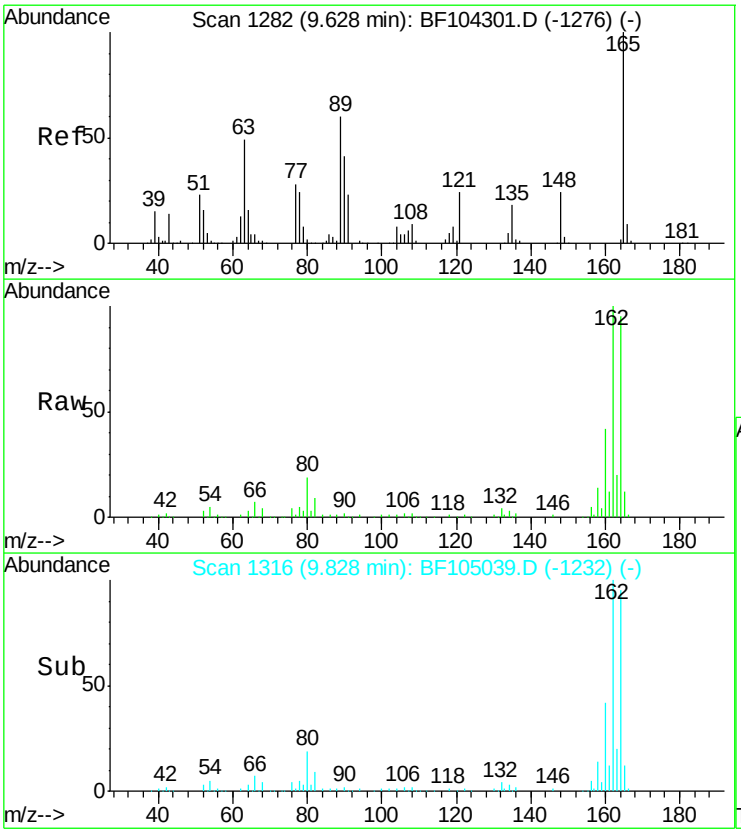
#49
Dimethylphthalate
Concen: 5.496 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF105039.D
Acq: 2 May 2018 18:56

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(90-92)

Tgt Ion:163 Resp: 63806

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.5	8.2	12.2

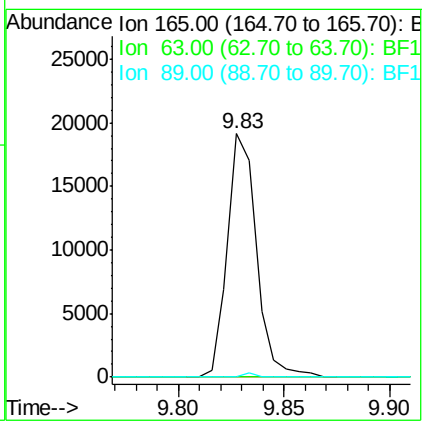


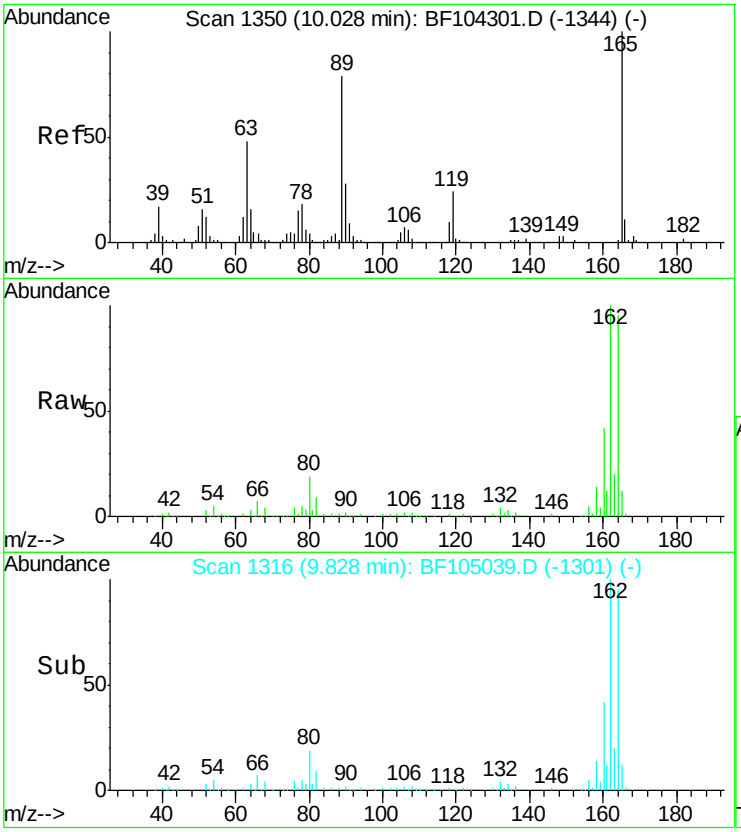


#50
2,6-Dinitrotoluene
Concen: 8.463 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.19 min
Lab File: BF105039.D
Acq: 2 May 2018 18:56

Tgt Ion:165 Resp: 18178

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



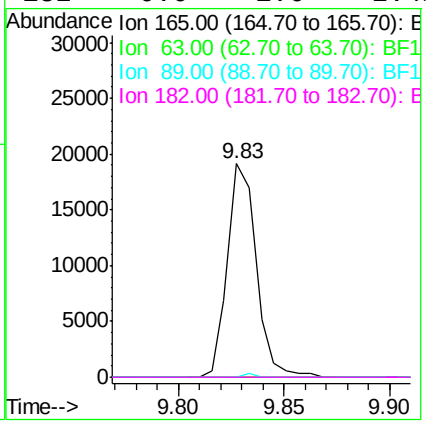


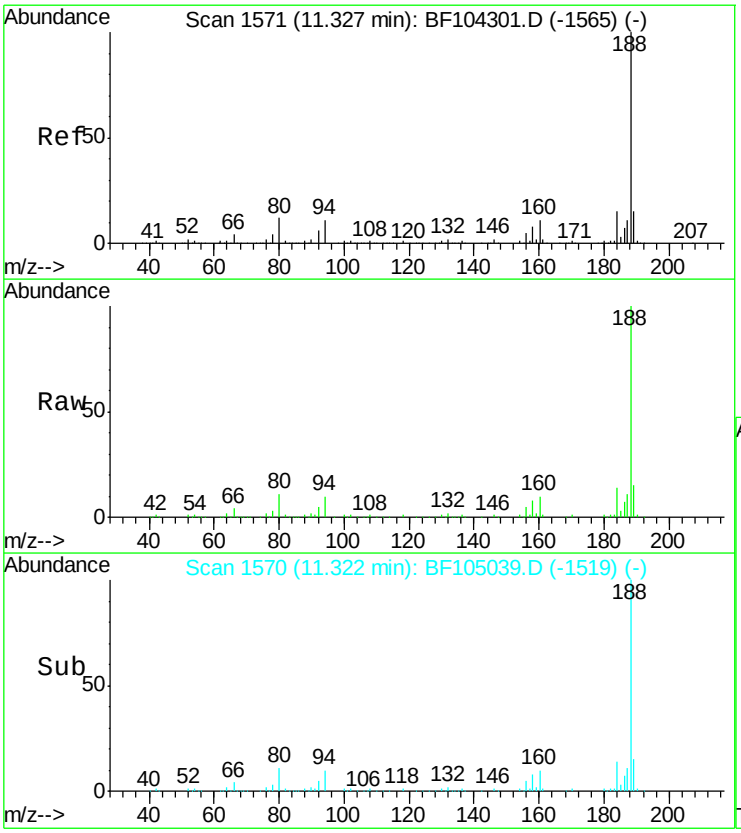
#56
2,4-Dinitrotoluene
Concen: 6.452 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF105039.D
Acq: 2 May 2018 18:56

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(90-92)

Tgt Ion:165 Resp: 18178

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#

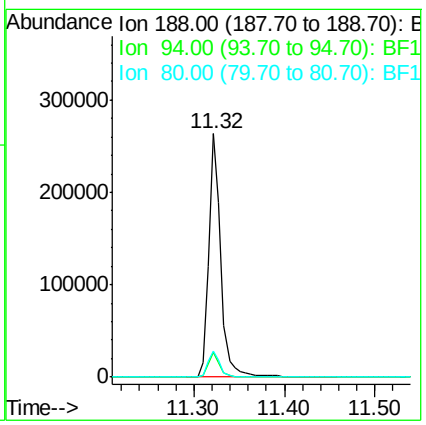


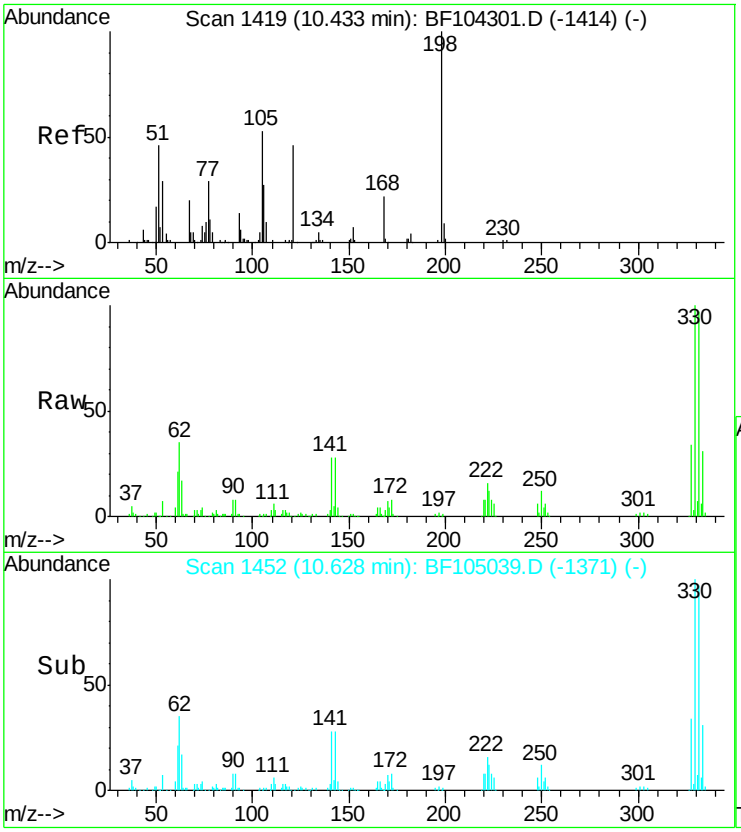


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105039.D
Acq: 2 May 2018 18:56

Tgt Ion:188 Resp: 246461

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.9	9.2	13.8



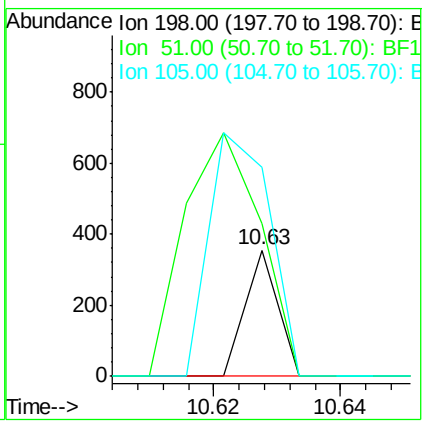


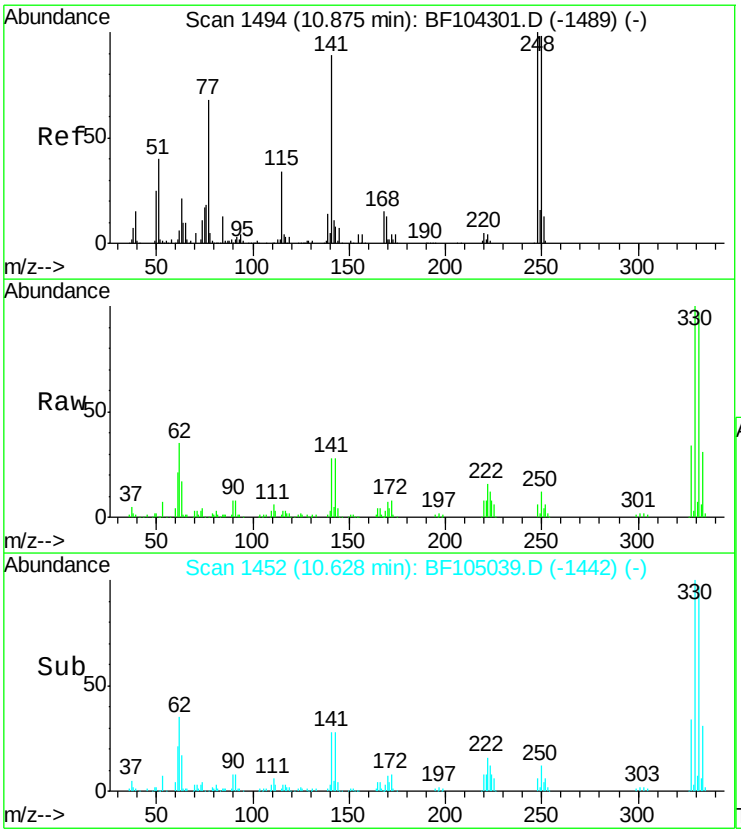
#64
4,6-Dinitro-2-methylphenol
Concen: 7.435 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.18 min
Lab File: BF105039.D
Acq: 2 May 2018 18:56

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(90-92)

Tgt Ion:198 Resp: 125

Ion	Ratio	Lower	Upper
198	100		
51	121.1	37.7	77.7#
105	165.9	36.3	76.3#

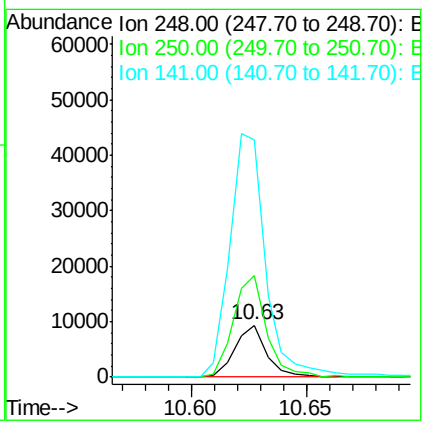


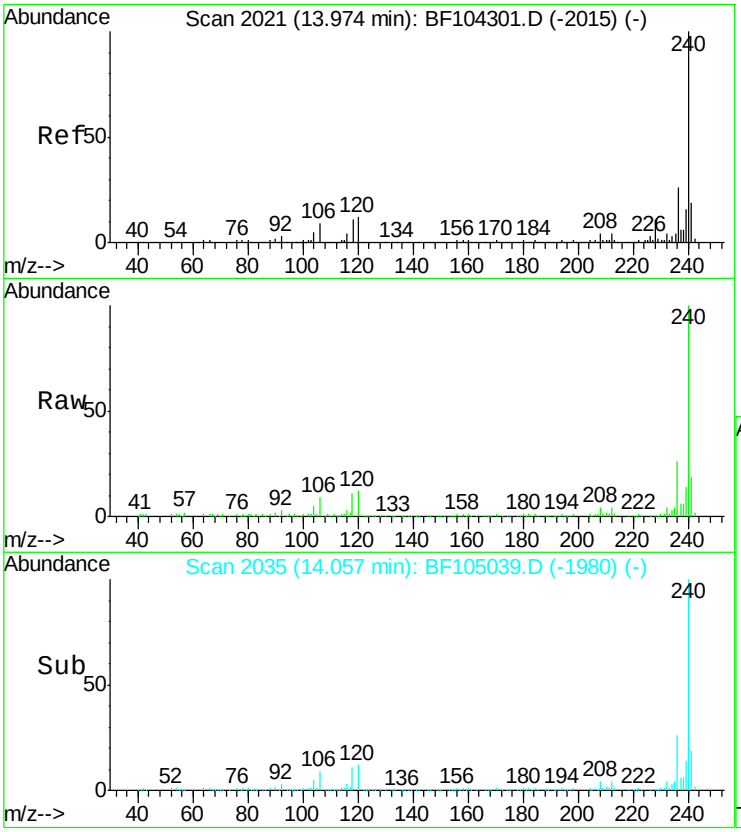


#66
4-Bromophenyl-phenylether
Concen: 3.393 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF105039.D
Acq: 2 May 2018 18:56

Tgt Ion:248 Resp: 8894

Ion	Ratio	Lower	Upper
248	100		
250	194.0	76.9	115.3#
141	454.9	74.4	111.6#



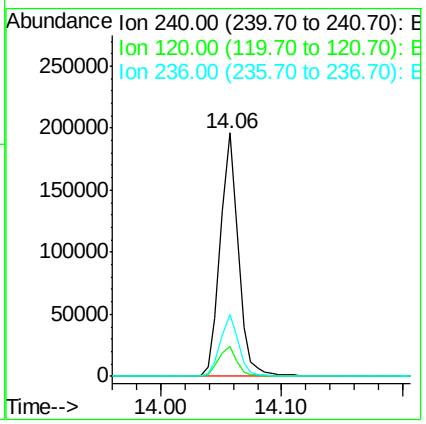


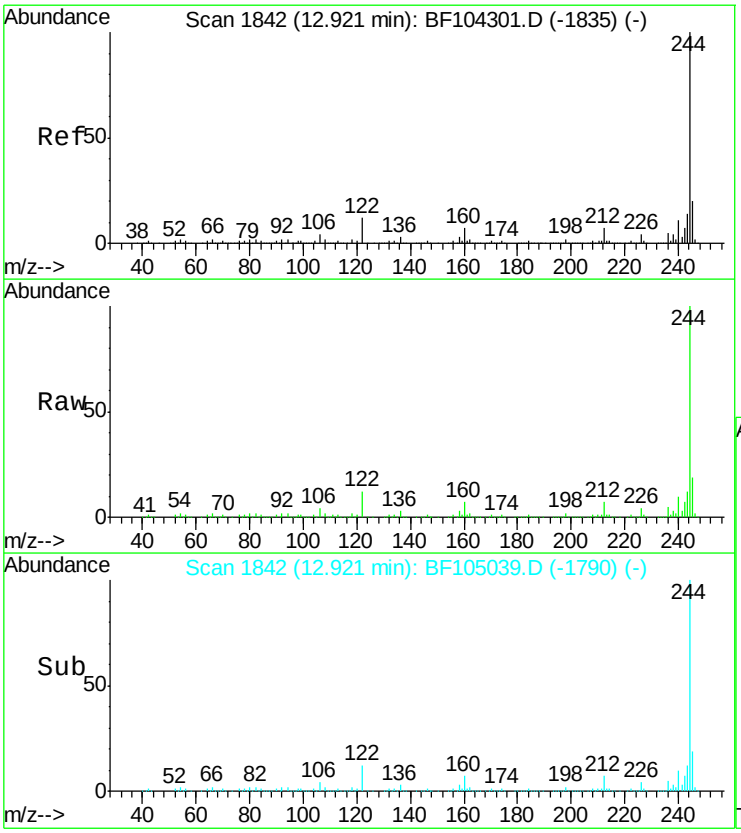
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF105039.D
Acq: 2 May 2018 18:56

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(90-92)

Tgt Ion:240 Resp: 205038

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	25.7	20.7	31.1

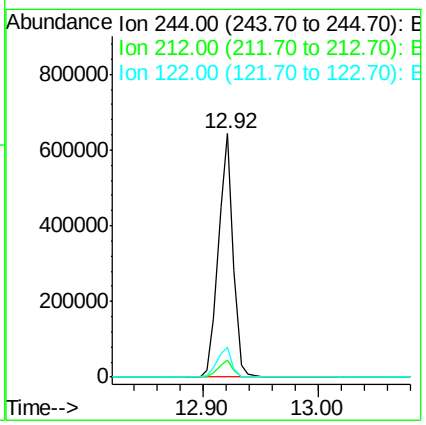


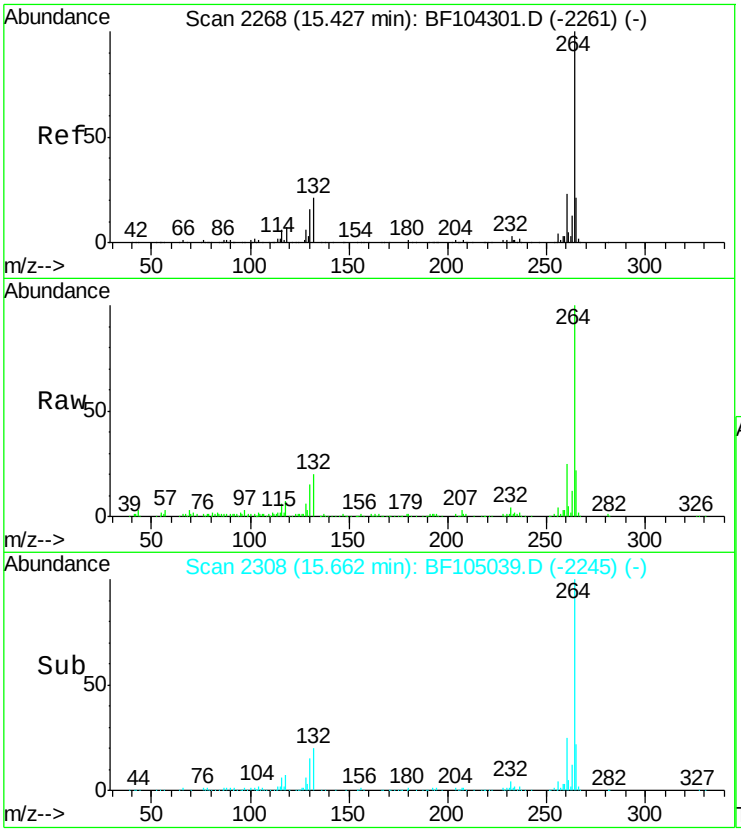


#78
Terphenyl-d14
Concen: 62.709 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BF105039.D
Acq: 2 May 2018 18:56

Tgt Ion:244 Resp: 563974

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.07 min
Lab File: BF105039.D
Acq: 2 May 2018 18:56

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(90-92)

Tgt Ion:264 Resp: 162974

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.1	17.5	26.3