Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103208.D
Acq On : 26 Feb 2018 10:34
Operator : SJ/JU
Sample : PB106778BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 26 12:14:29 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	144901	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	605629	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	273900	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	501031	20.00	ng	0.00
75) Chrysene-d12	14.04	240	394604	20.00	ng	0.00
86) Perylene-d12	15.53	264	328783	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1043778	108.95	ng	0.01
7) Phenol-d6	6.50	99	1231707	105.06	ng	0.00
23) Nitrobenzene-d5	7.43	82	803561	75.77	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	257934	111.25	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1317153	82.18	ng	0.00
78) Terphenyl-d14	12.99	244	1234949	75.23	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	1885	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	108274	14.840	ng	# 79
25) Isophorone	7.43	82	803660	38.478	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	34852	7.558	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	34852	5.976	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	609	5.125	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	17460	3.345	ng	# 1

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

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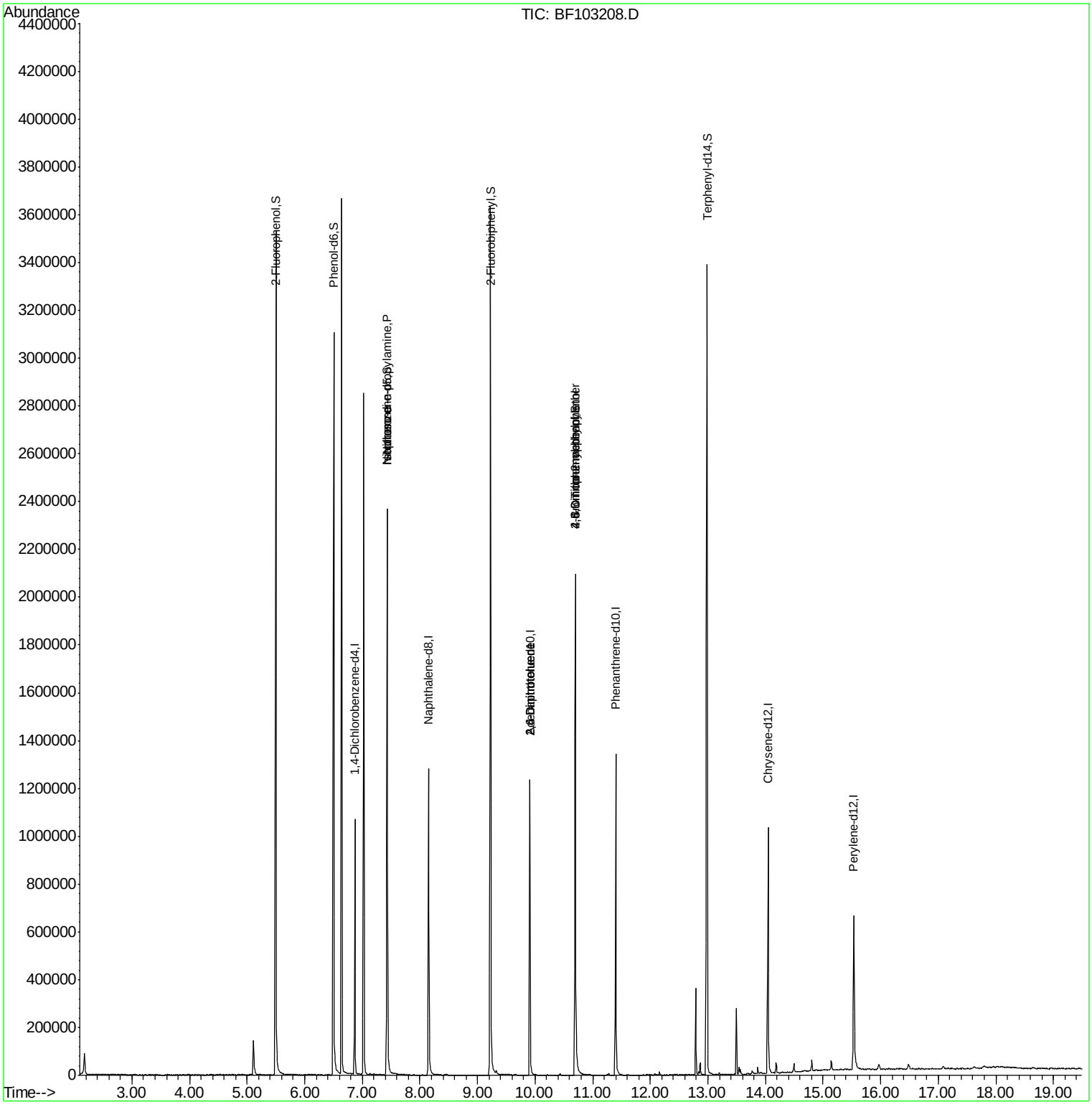
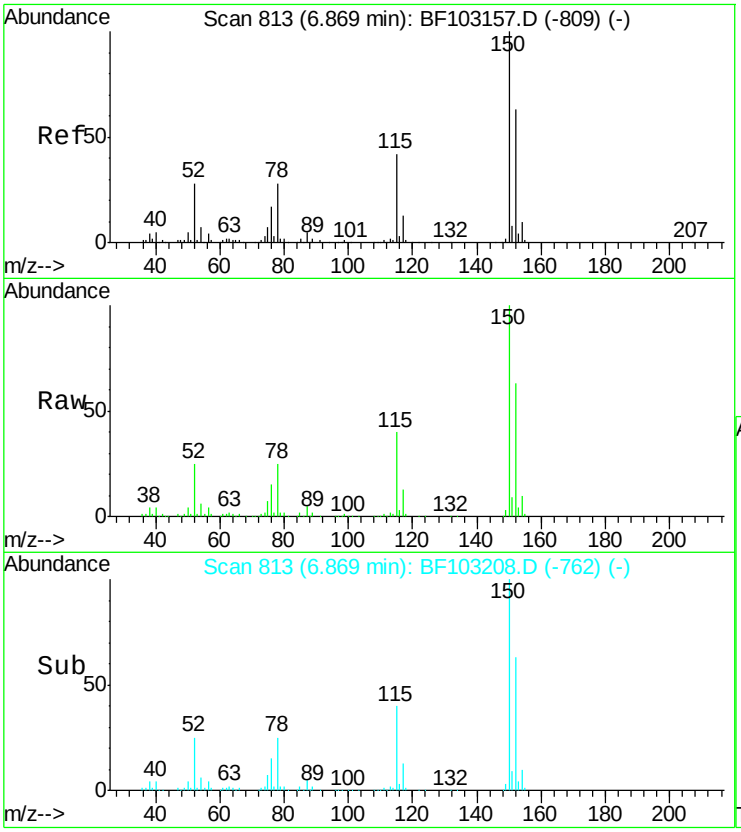


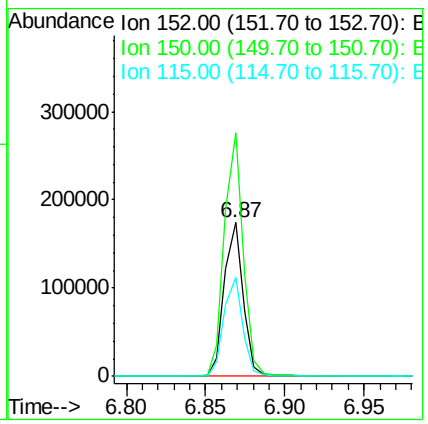


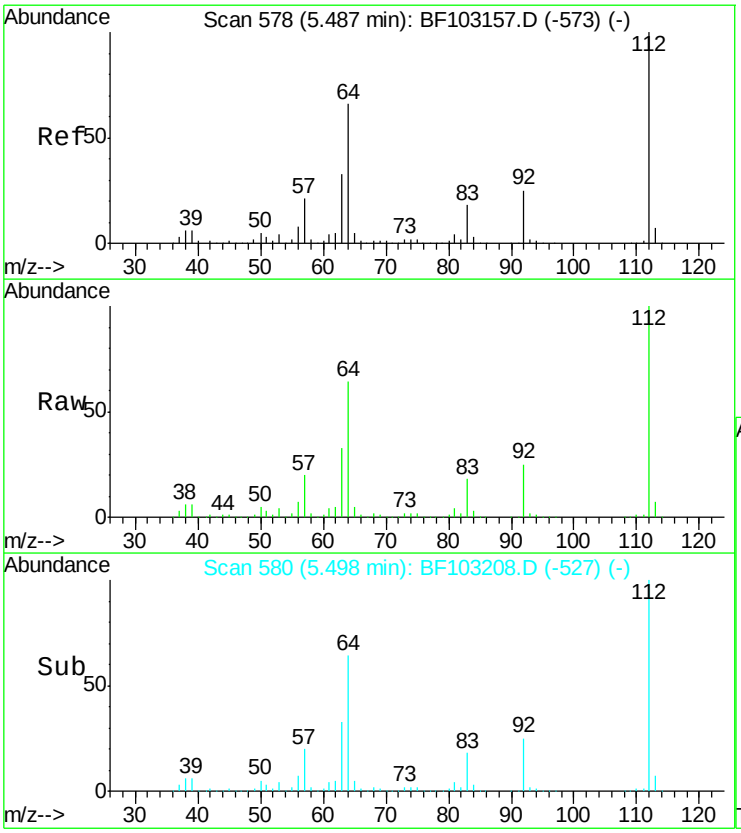
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103208.D
Acq: 26 Feb 2018 10:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 144901

Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	64.1	50.1	75.1

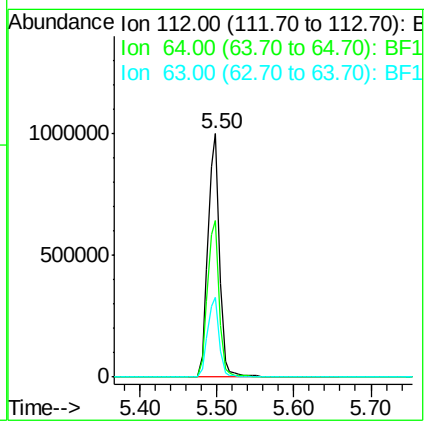


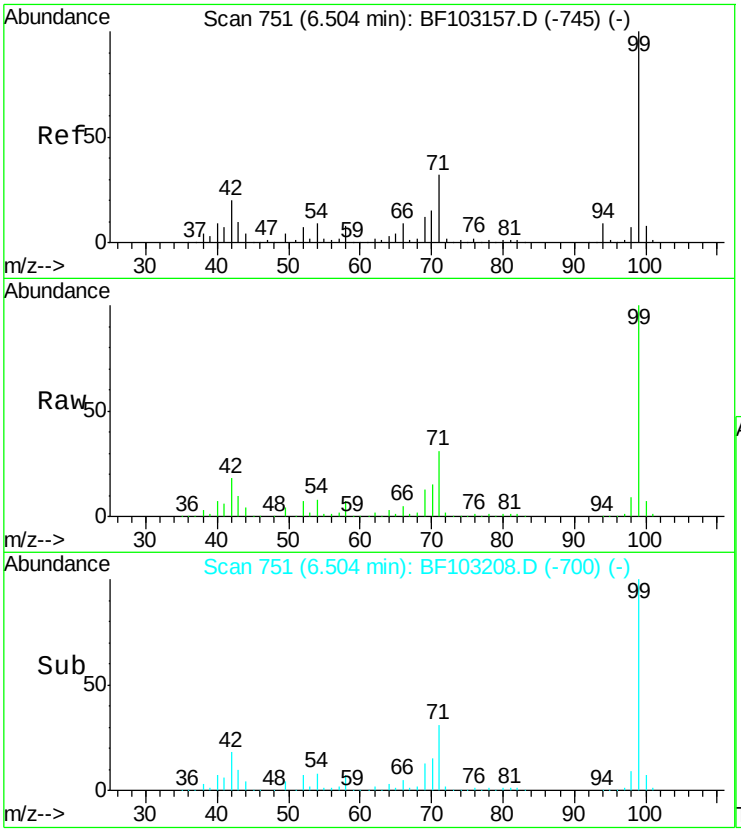


#5
2-Fluorophenol
Concen: 108.946 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103208.D
Acq: 26 Feb 2018 10:34

Tgt Ion:112 Resp: 1043778

Ion	Ratio	Lower	Upper
112	100		
64	64.3	47.9	71.9
63	32.5	23.7	35.5



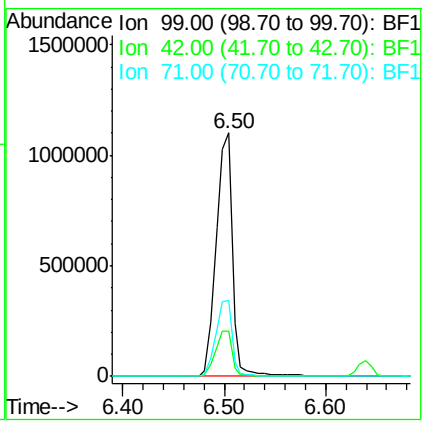


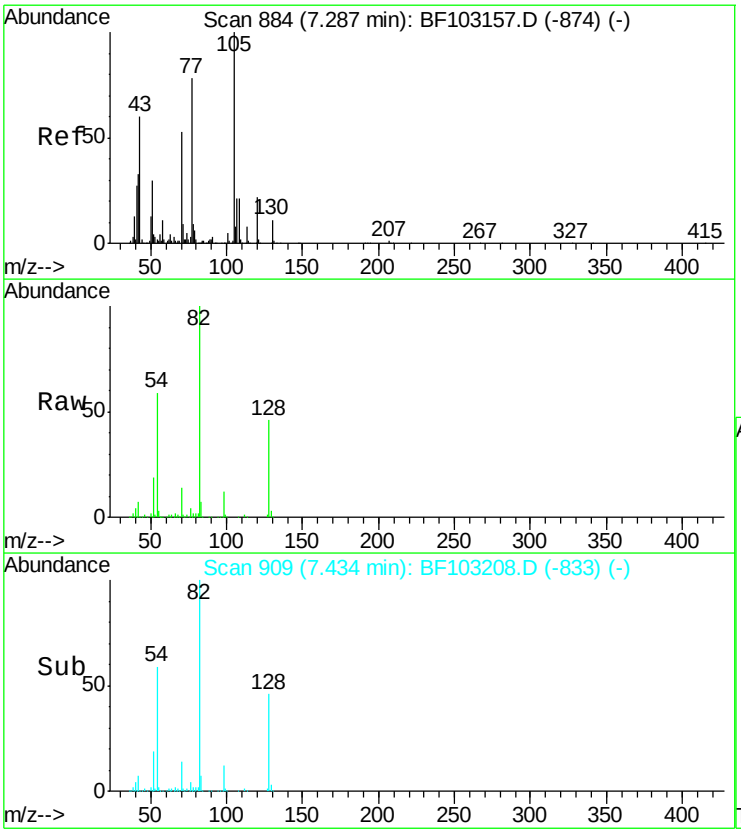
#7
Phenol-d6
Concen: 105.064 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF103208.D
Acq: 26 Feb 2018 10:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1231707

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.5	21.7
71	31.4	25.4	38.0

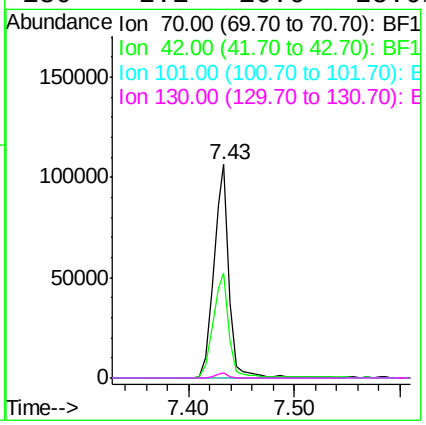


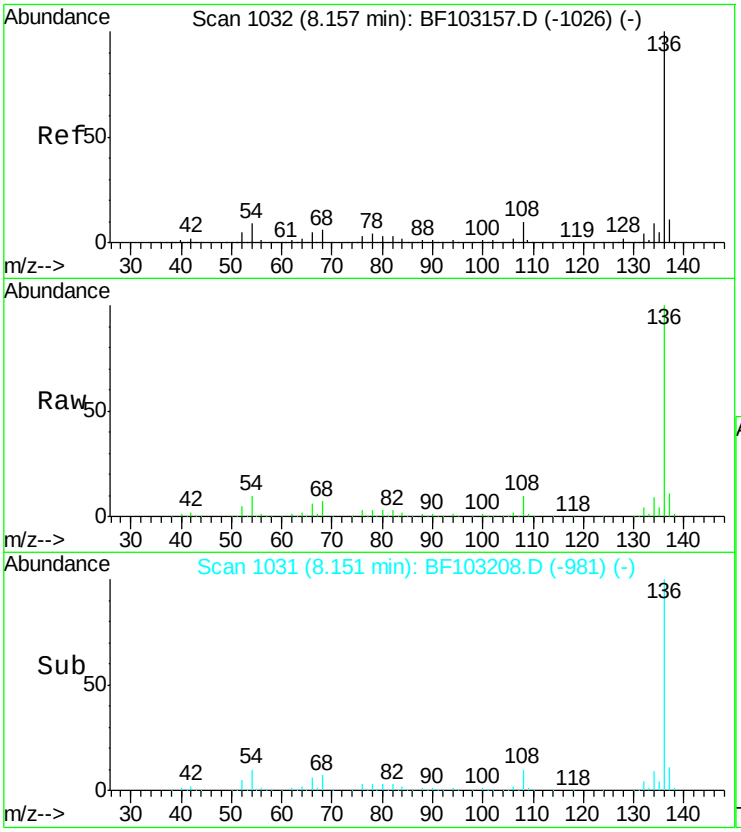


#19
n-Nitroso-di-n-propylamine
Concen: 14.840 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.15 min
Lab File: BF103208.D
Acq: 26 Feb 2018 10:34

Tgt Ion: 70 Resp: 108274

Ion	Ratio	Lower	Upper
70	100		
42	49.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



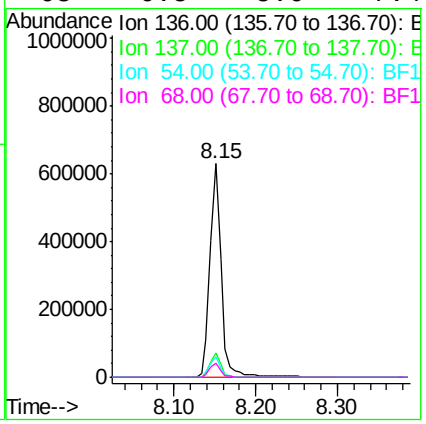


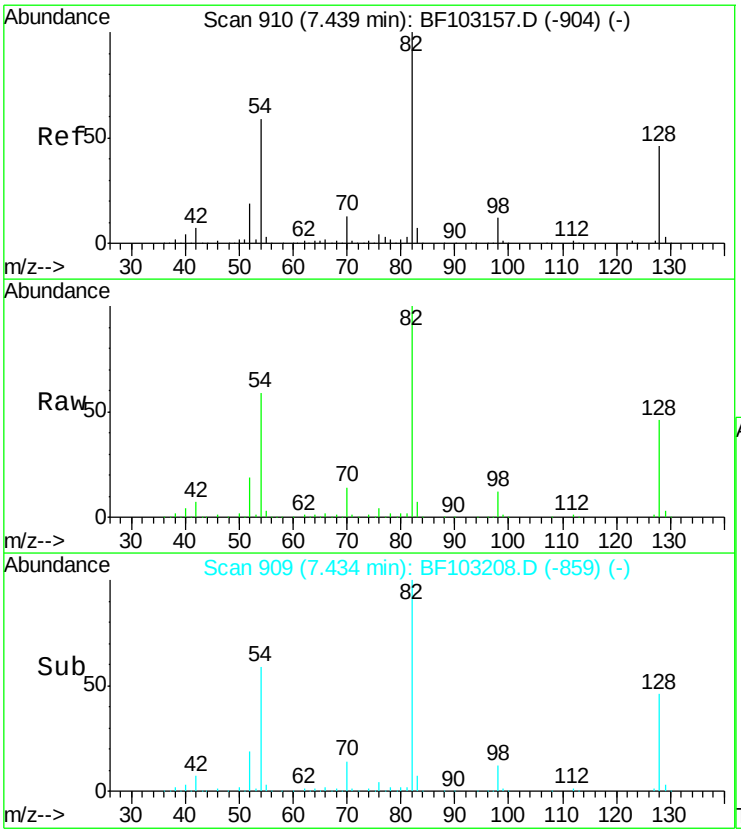
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103208.D
Acq: 26 Feb 2018 10:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 605629

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.6	6.6	9.8
68	6.5	5.0	7.4

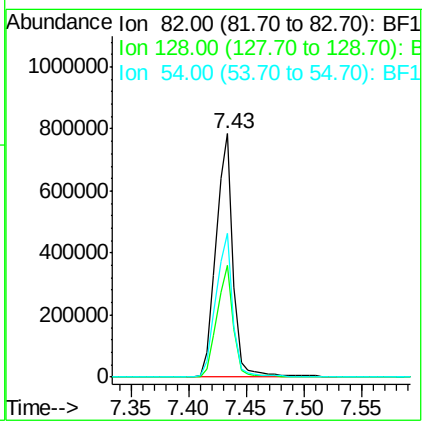


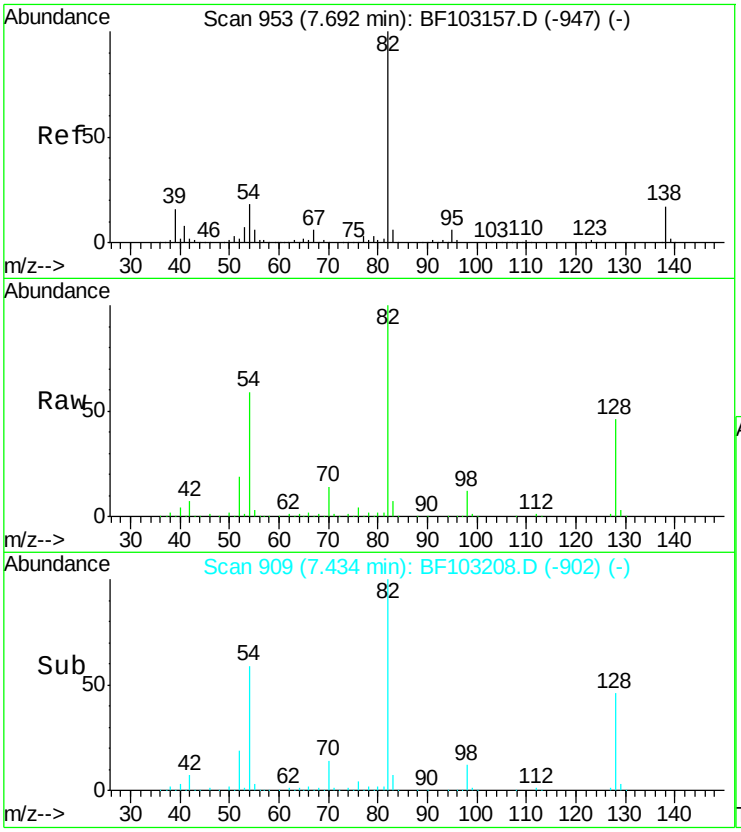


#23
Nitrobenzene-d5
Concen: 75.773 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103208.D
Acq: 26 Feb 2018 10:34

Tgt Ion: 82 Resp: 803561

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	59.1	41.4	62.2



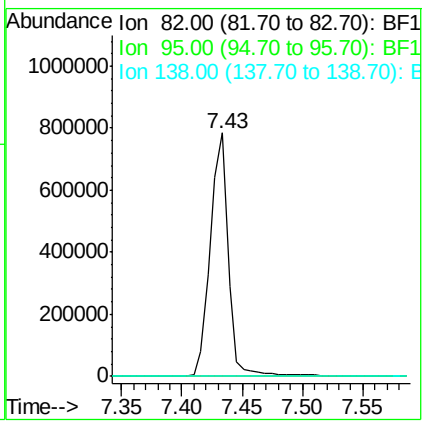


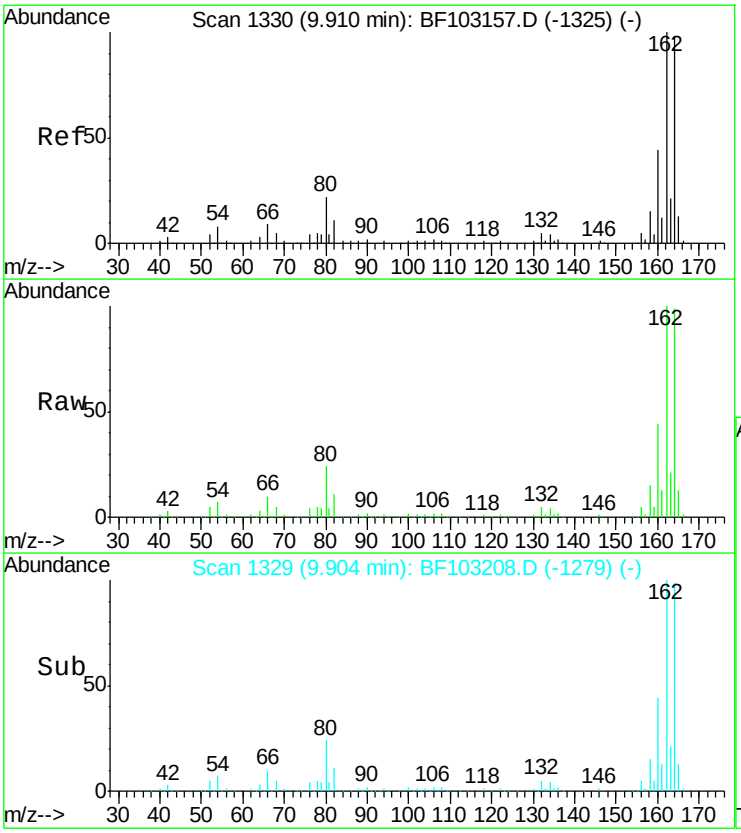
#25
Isophorone
Concen: 38.478 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF103208.D
Acq: 26 Feb 2018 10:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 803660

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

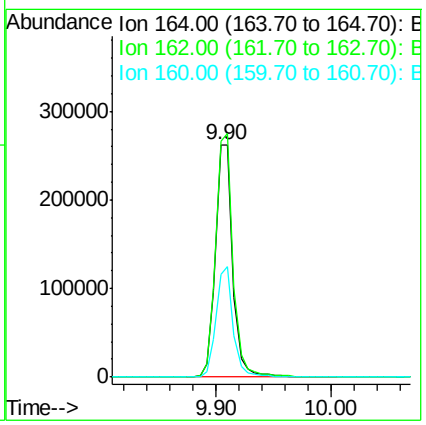


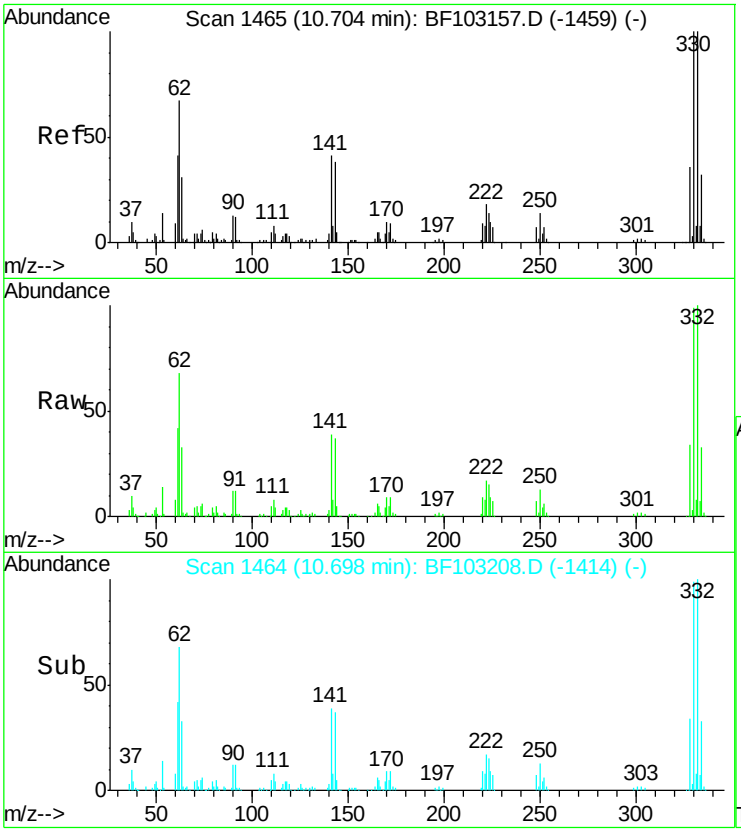


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF103208.D
Acq: 26 Feb 2018 10:34

Tgt Ion:164 Resp: 273900

Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	44.5	38.3	57.5



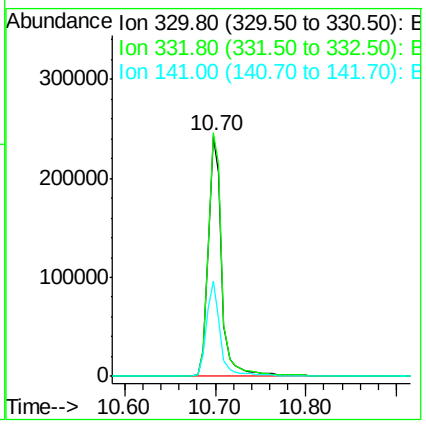


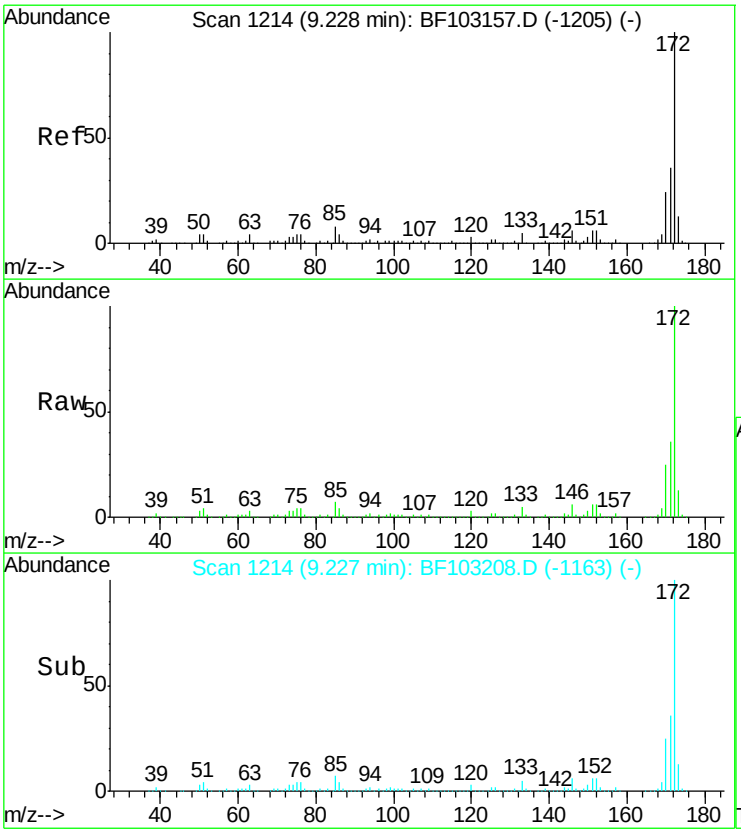
#41
2,4,6-Tribromophenol
Concen: 111.255 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF103208.D
Acq: 26 Feb 2018 10:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 257934

Ion	Ratio	Lower	Upper
330	100		
332	101.6	77.0	115.6
141	40.2	29.9	44.9

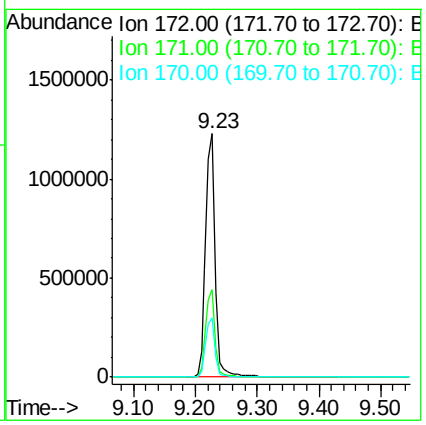


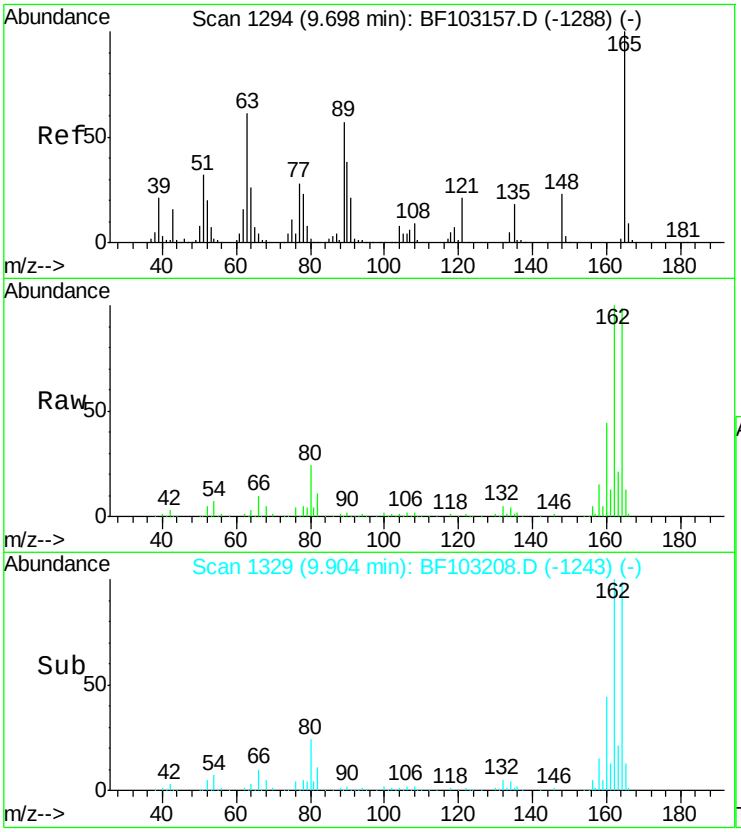


#44
2-Fluorobiphenyl
Concen: 82.177 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF103208.D
Acq: 26 Feb 2018 10:34

Tgt Ion:172 Resp: 1317153

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.6	19.6	29.4



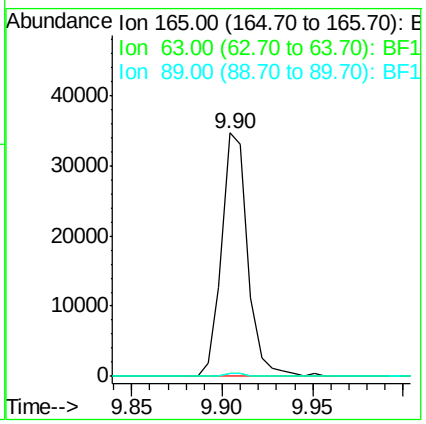


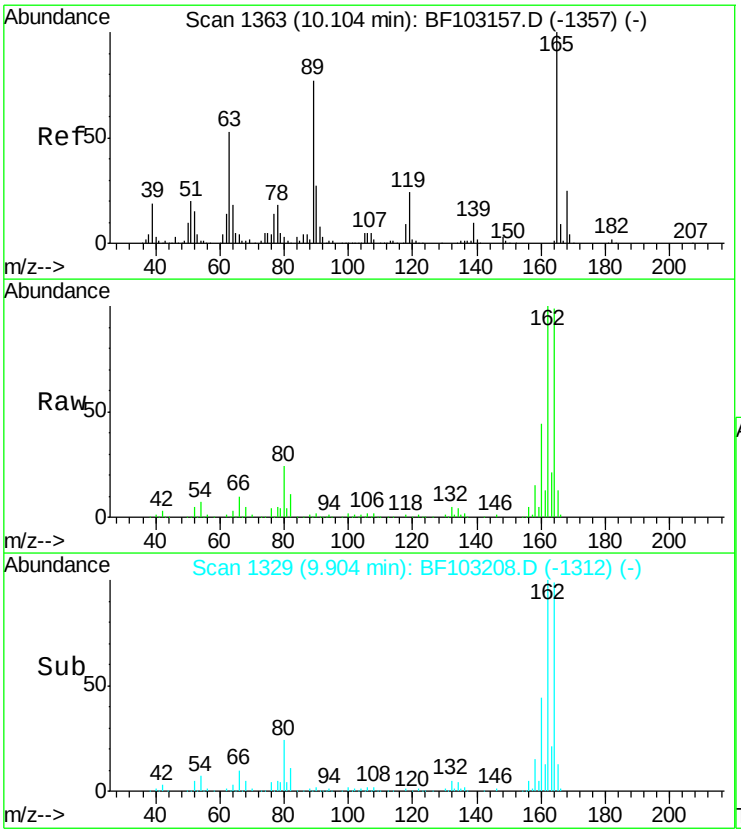
#50
2,6-Dinitrotoluene
Concen: 7.558 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.21 min
Lab File: BF103208.D
Acq: 26 Feb 2018 10:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 34852

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.3	44.0	66.0#

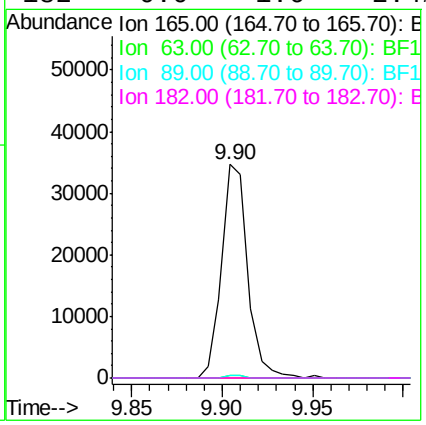


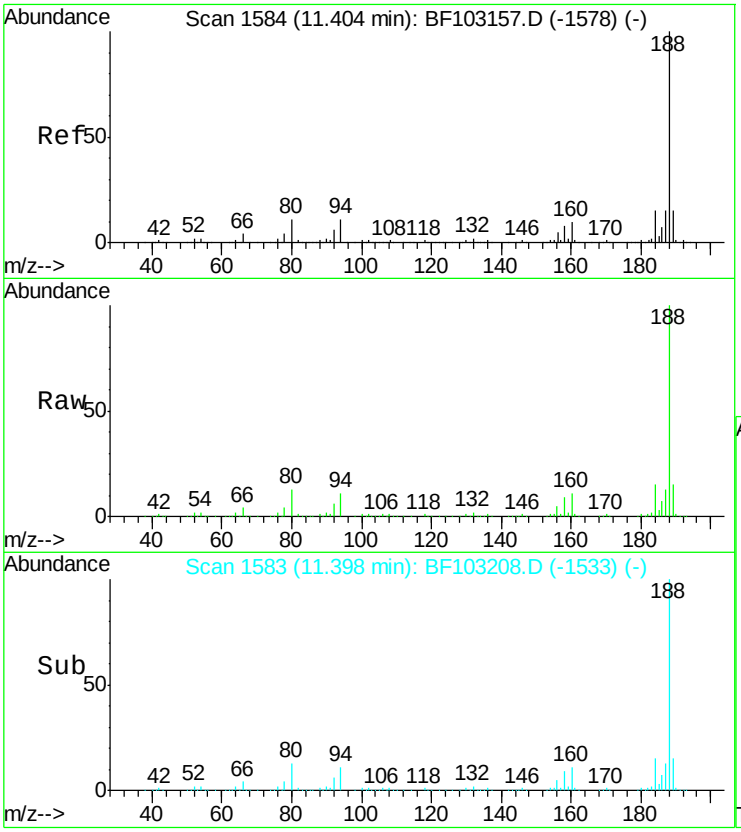


#56
2,4-Dinitrotoluene
Concen: 5.976 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.20 min
Lab File: BF103208.D
Acq: 26 Feb 2018 10:34

Tgt Ion:165 Resp: 34852

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



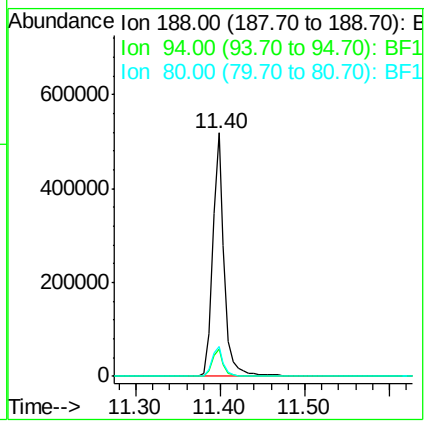


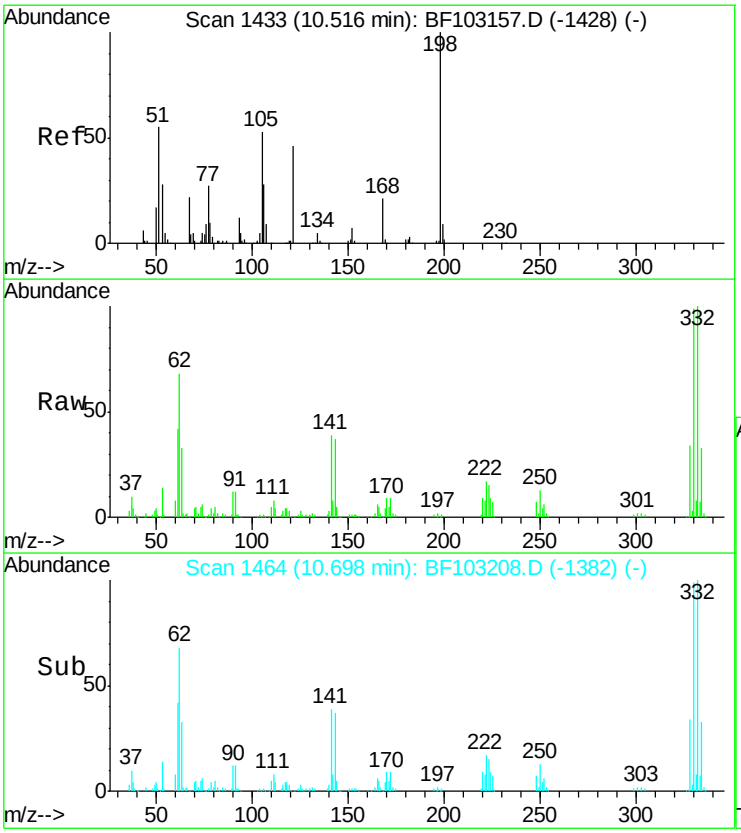
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103208.D
Acq: 26 Feb 2018 10:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 501031

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.5	9.2	13.8

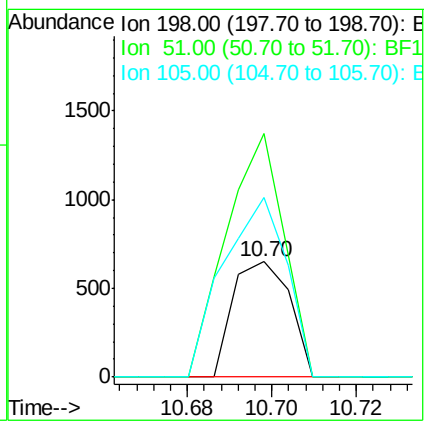


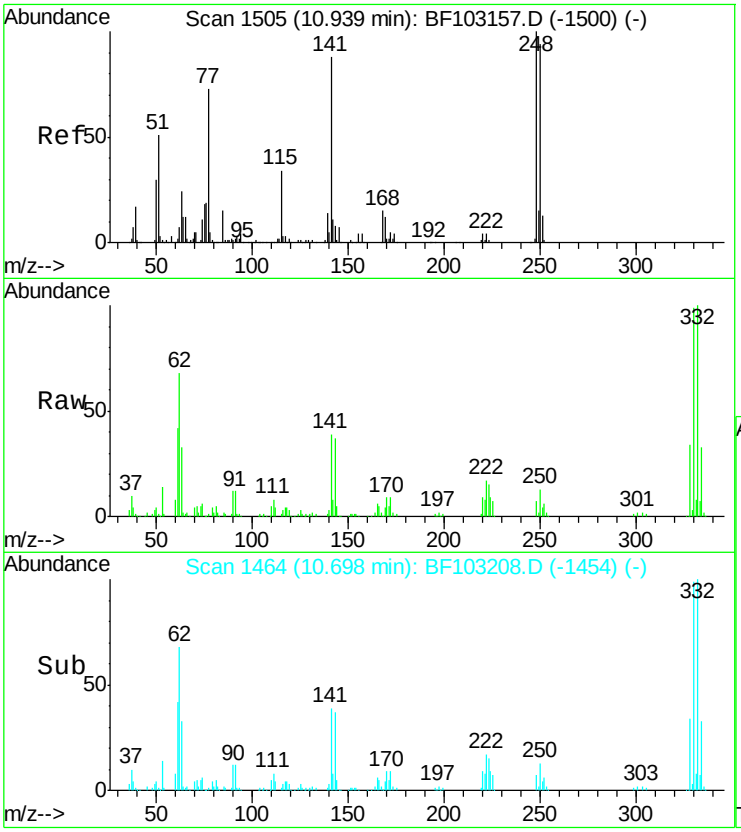


#64
4,6-Dinitro-2-methylphenol
Concen: 5.125 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.18 min
Lab File: BF103208.D
Acq: 26 Feb 2018 10:34

Tgt Ion:198 Resp: 609

Ion	Ratio	Lower	Upper
198	100		
51	211.4	37.7	77.7#
105	155.6	36.3	76.3#



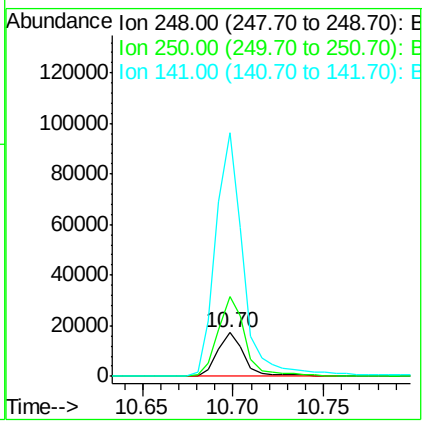


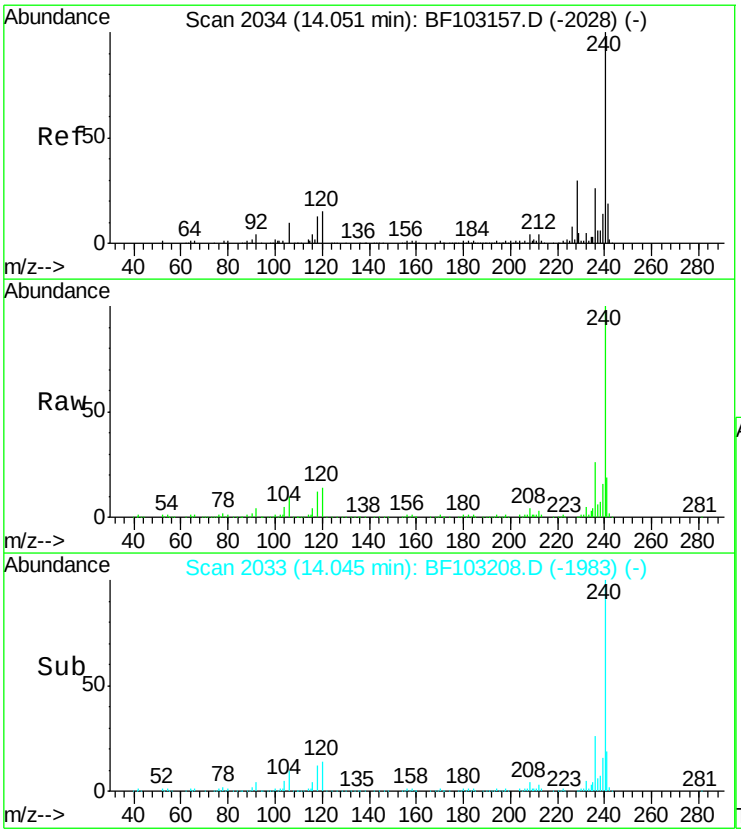
#66
4-Bromophenyl-phenylether
Concen: 3.345 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF103208.D
Acq: 26 Feb 2018 10:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 17460

Ion	Ratio	Lower	Upper
248	100		
250	182.3	76.9	115.3#
141	557.2	74.4	111.6#

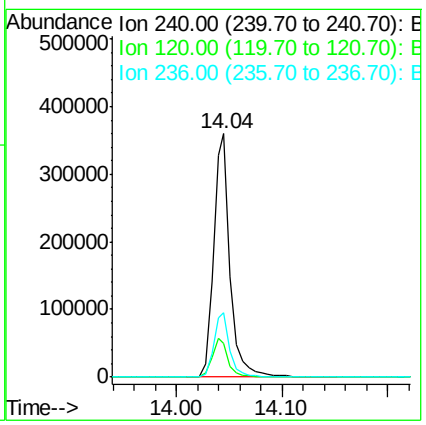


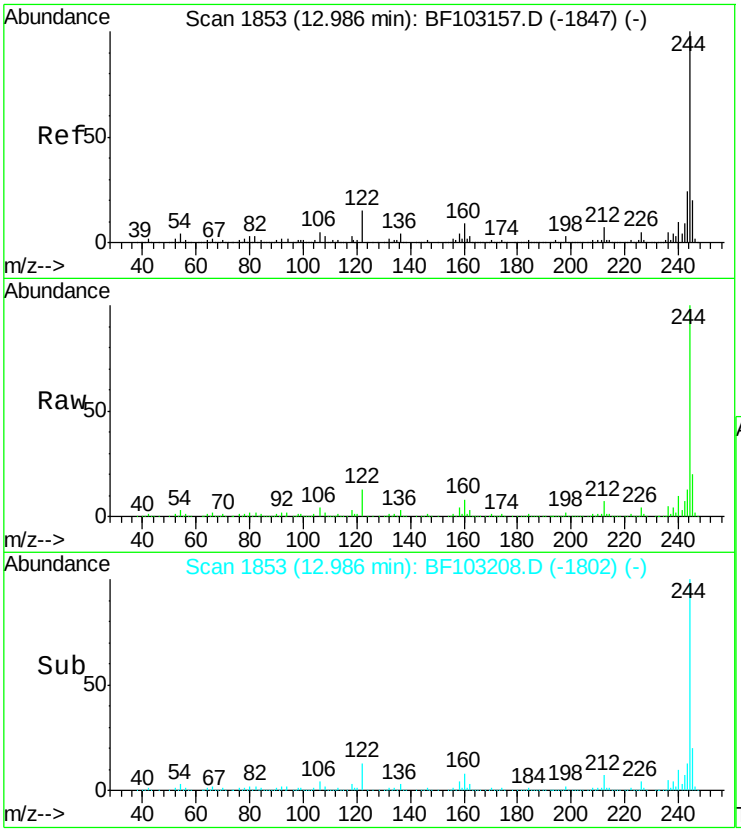


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103208.D
Acq: 26 Feb 2018 10:34

Tgt Ion:240 Resp: 394604

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	26.2	20.7	31.1



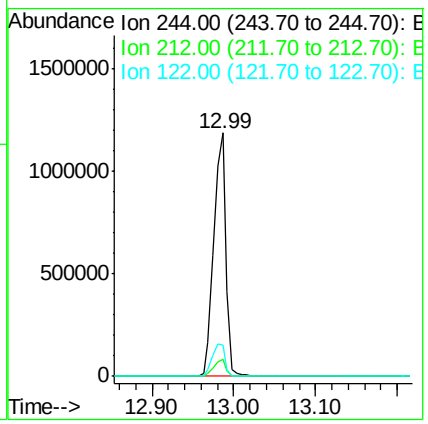


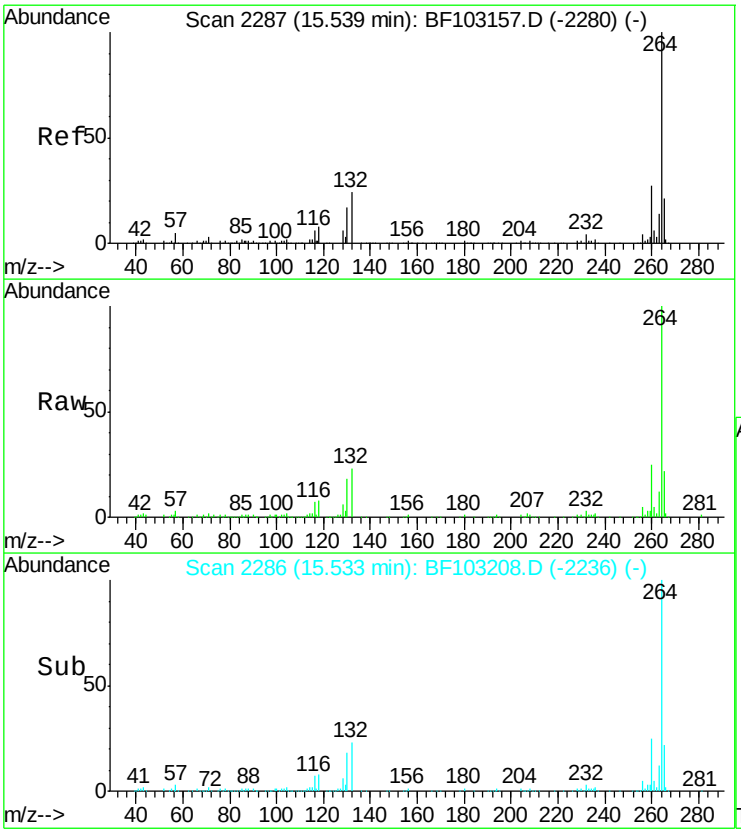
#78
Terphenyl-d14
Concen: 75.231 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF103208.D
Acq: 26 Feb 2018 10:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1234949

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BF103208.D
Acq: 26 Feb 2018 10:34

Tgt Ion:264 Resp: 328783

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.6	17.5	26.3