Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102982.D
Acq On : 14 Feb 2018 12:00
Operator : SJ/JU
Sample : J1397-05RE 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 14 12:40:43 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 00:38:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	170236	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	704492	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	296492	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	431218	20.00	ng		0.00
75) Chrysene-d12	14.04	240	316821	20.00	ng		0.00
86) Perylene-d12	15.52	264	287170	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	499774	44.58	ng		0.00
7) Phenol-d6	6.50	99	698433	51.75	ng		0.00
23) Nitrobenzene-d5	7.43	82	406349	40.01	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	137519	57.63	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	742968	41.58	ng		-0.01
78) Terphenyl-d14	12.98	244	516868	38.63	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.51	94	29089	2.011	ng		96
19) n-Nitroso-di-n-propylamine	7.43	70	53874	6.054	ng	#	82
25) Isophorone	7.43	82	406344	17.377	ng	#	64
47) 2-Nitroaniline	9.62	65	550	3.556	ng	#	1
50) 2,6-Dinitrotoluene	9.91	165	37562	8.540	ng	#	26
55) 4-Nitrophenol	10.12	139	255	4.078	ng	#	31
56) 2,4-Dinitrotoluene	9.91	165	37562	9.035	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.70	198	244	8.918	ng	#	1

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

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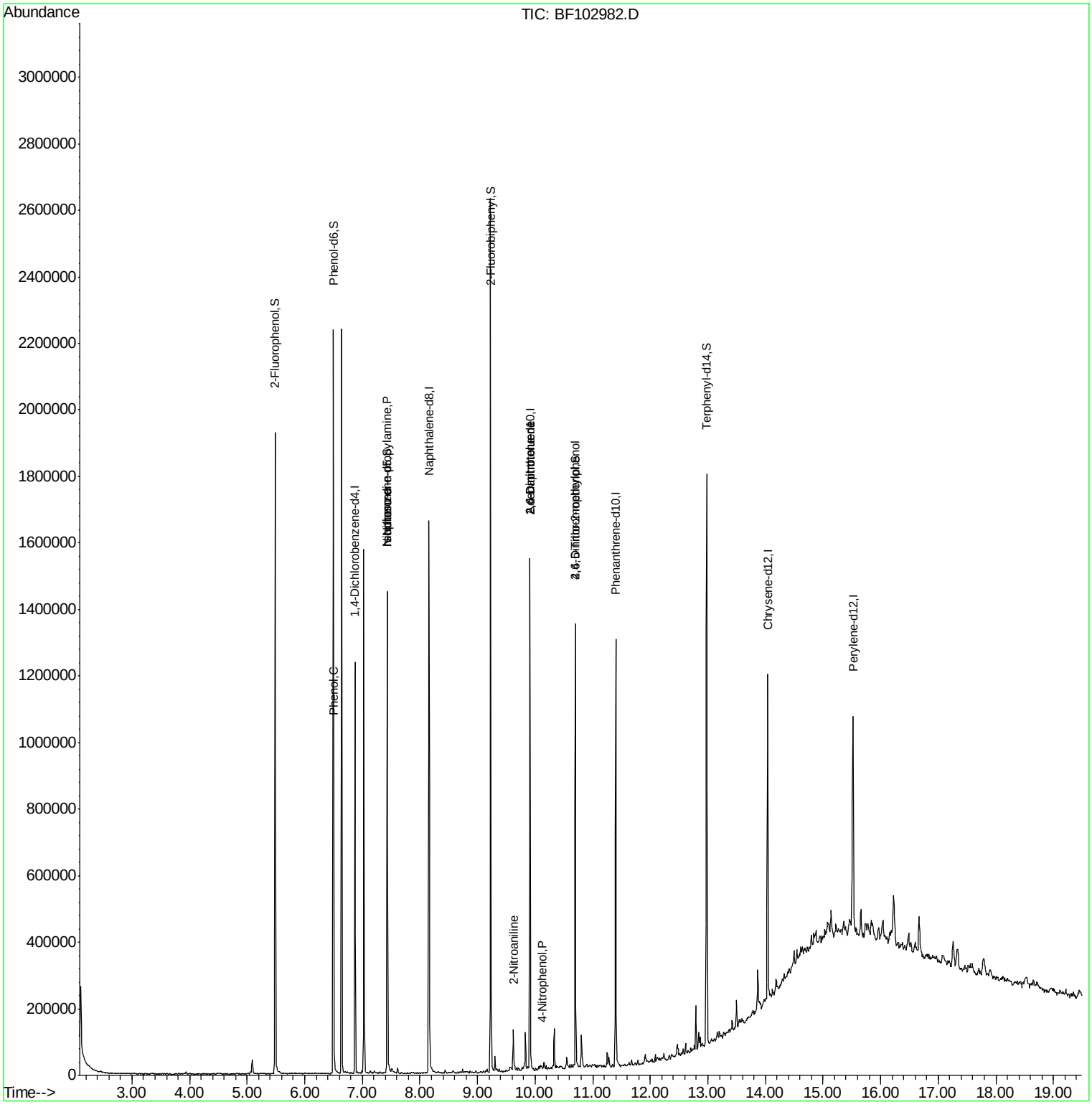
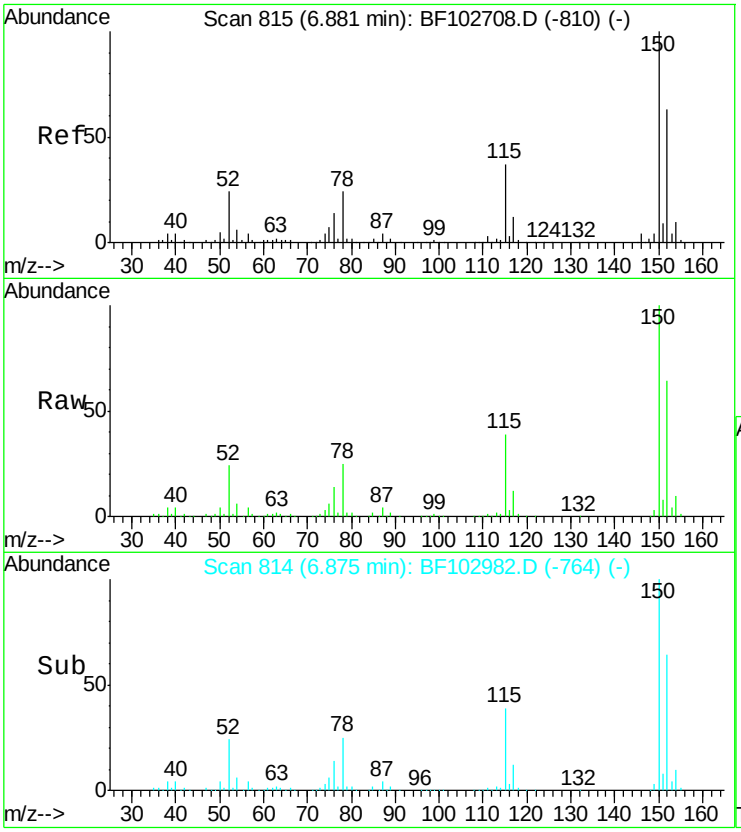


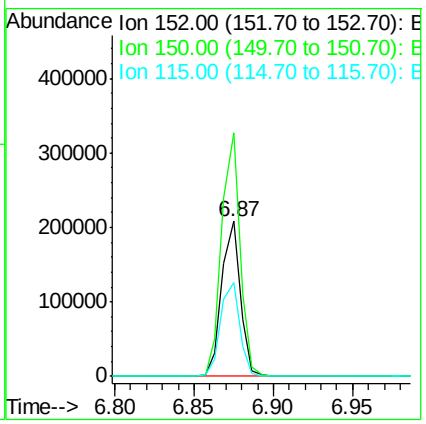


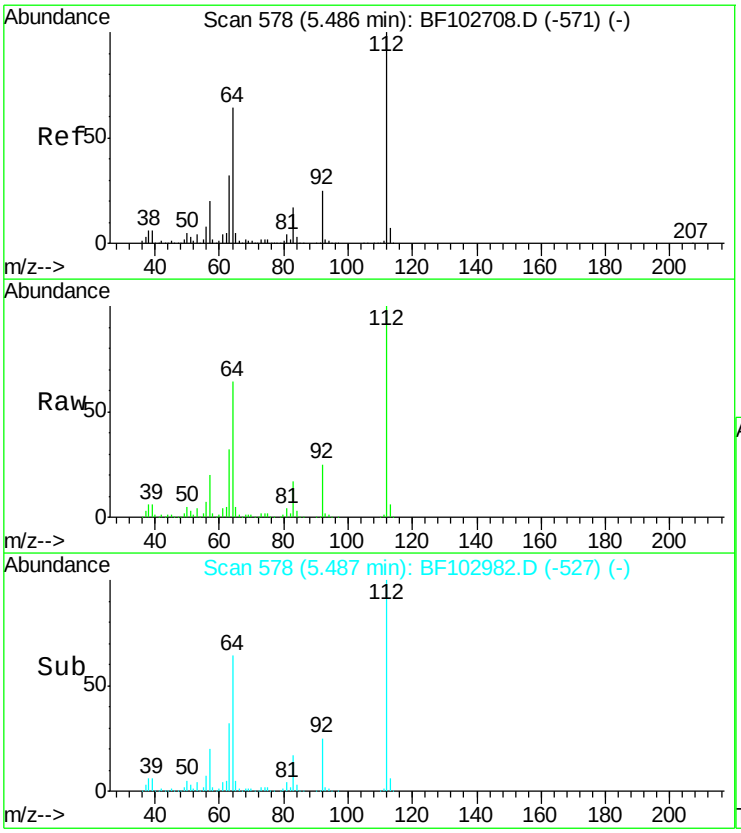
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102982.D
Acq: 14 Feb 2018 12:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 170236

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	60.6	50.1	75.1

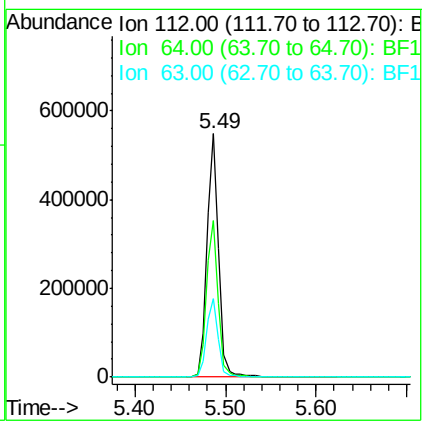


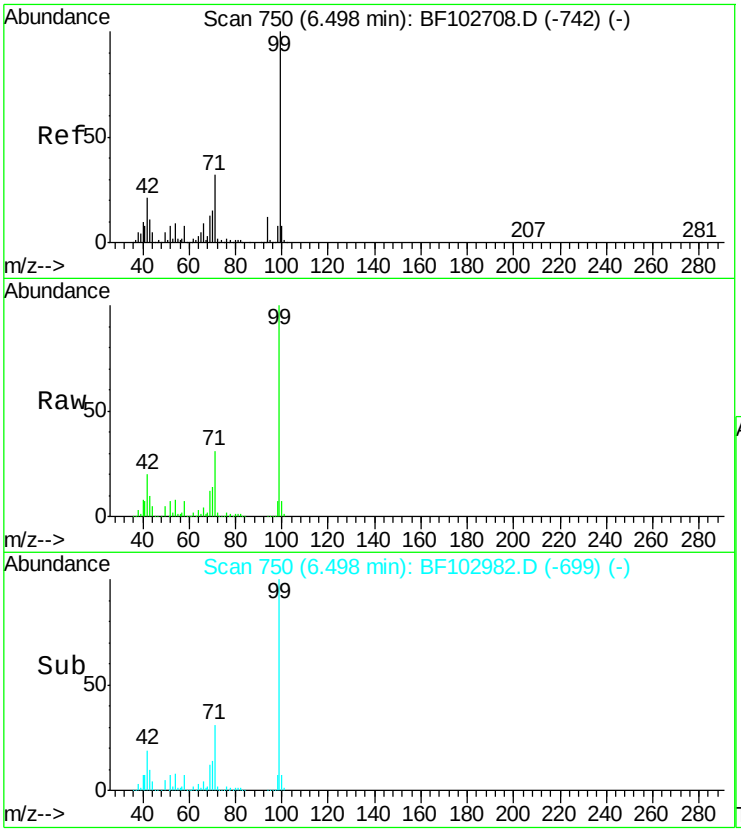


#5
2-Fluorophenol
Concen: 44.585 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF102982.D
Acq: 14 Feb 2018 12:00

Tgt Ion:112 Resp: 499774

Ion	Ratio	Lower	Upper
112	100		
64	64.2	47.9	71.9
63	32.1	23.7	35.5



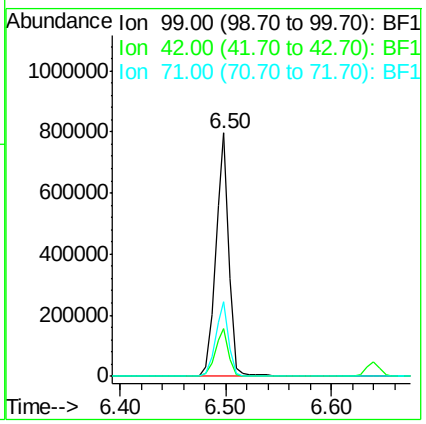


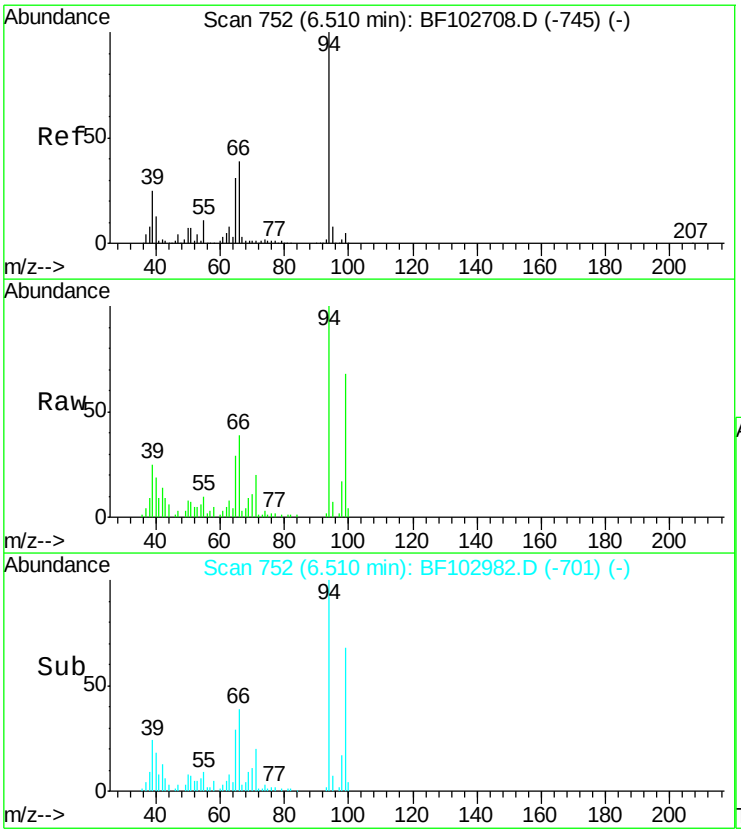
#7
Phenol-d6
Concen: 51.747 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF102982.D
Acq: 14 Feb 2018 12:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 698433

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	30.8	25.4	38.0

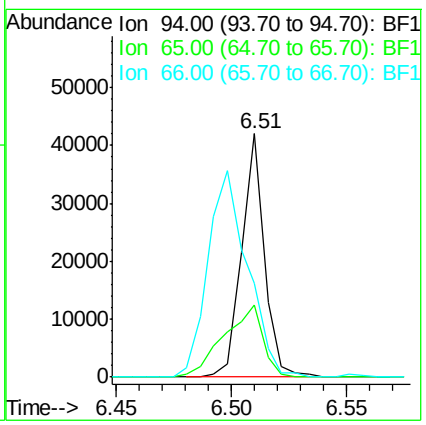


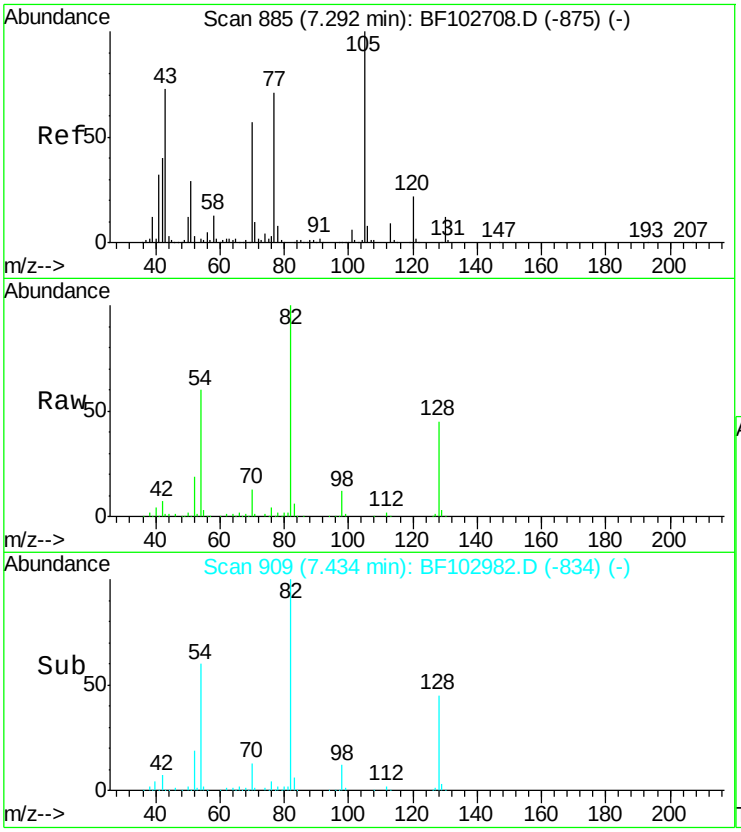


#10
Phenol
Concen: 2.011 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF102982.D
Acq: 14 Feb 2018 12:00

Tgt Ion: 94 Resp: 29089

Ion	Ratio	Lower	Upper
94	100		
65	29.5	7.9	47.9
66	38.7	16.2	56.2



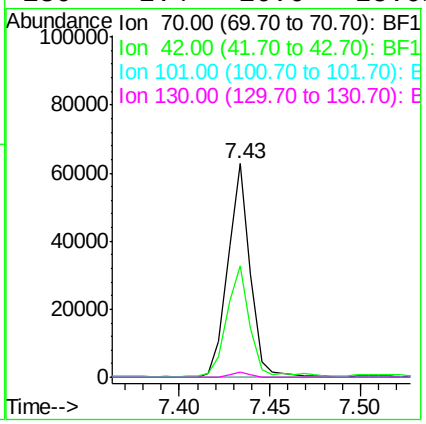


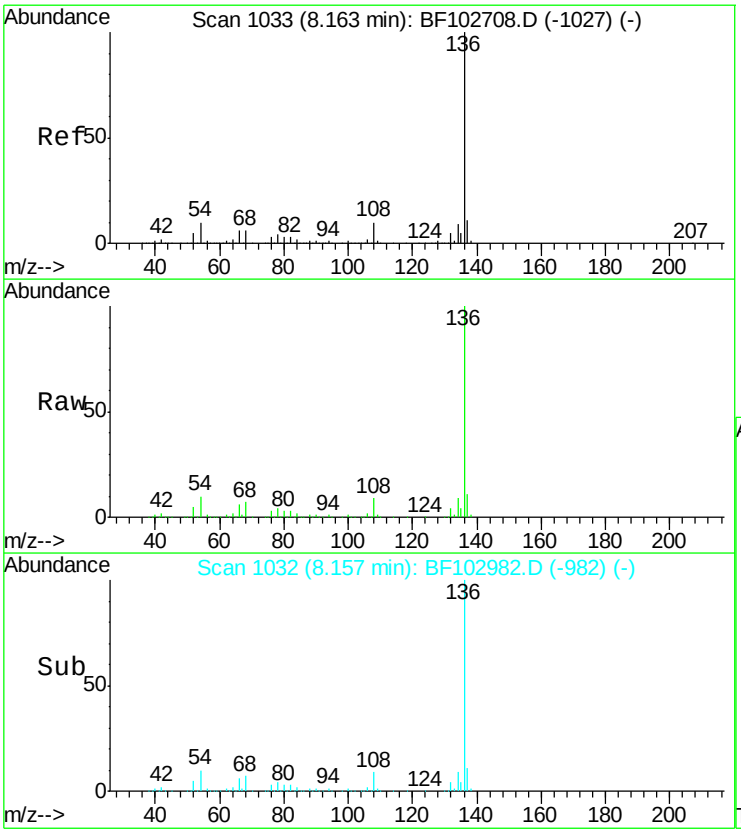
#19
n-Nitroso-di-n-propylamine
Concen: 6.054 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF102982.D
Acq: 14 Feb 2018 12:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 53874

Ion	Ratio	Lower	Upper
70	100		
42	52.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

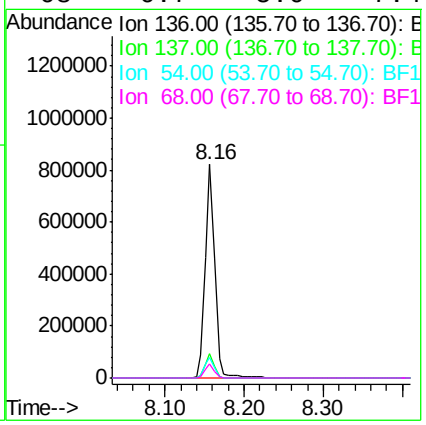


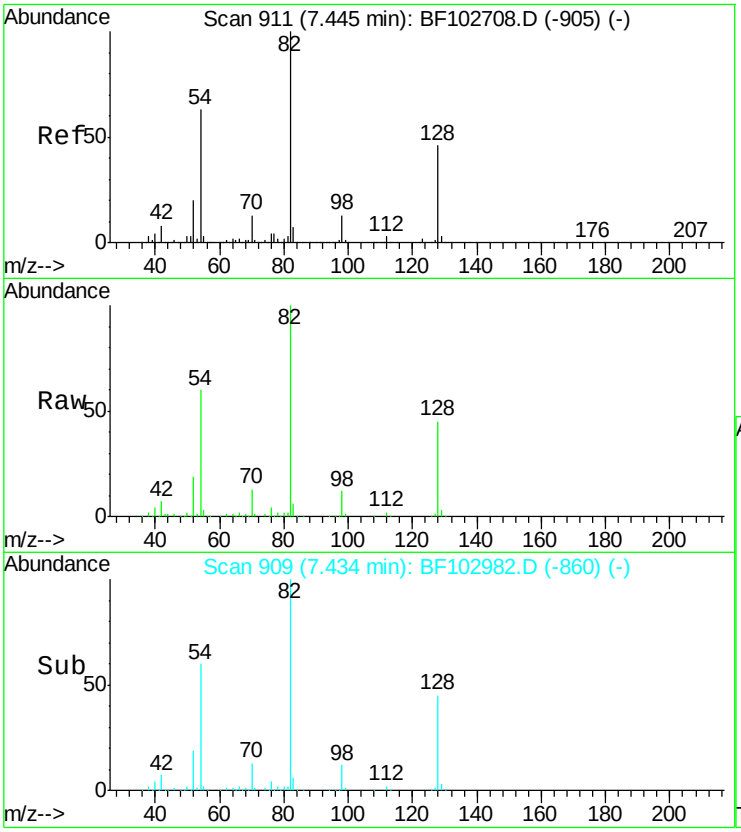


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF102982.D
Acq: 14 Feb 2018 12:00

Tgt Ion:136 Resp: 704492

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.7	6.6	9.8
68	6.7	5.0	7.4



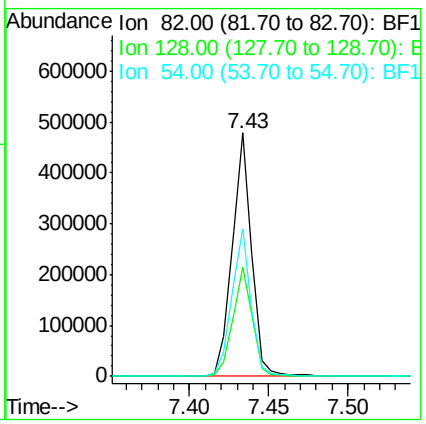


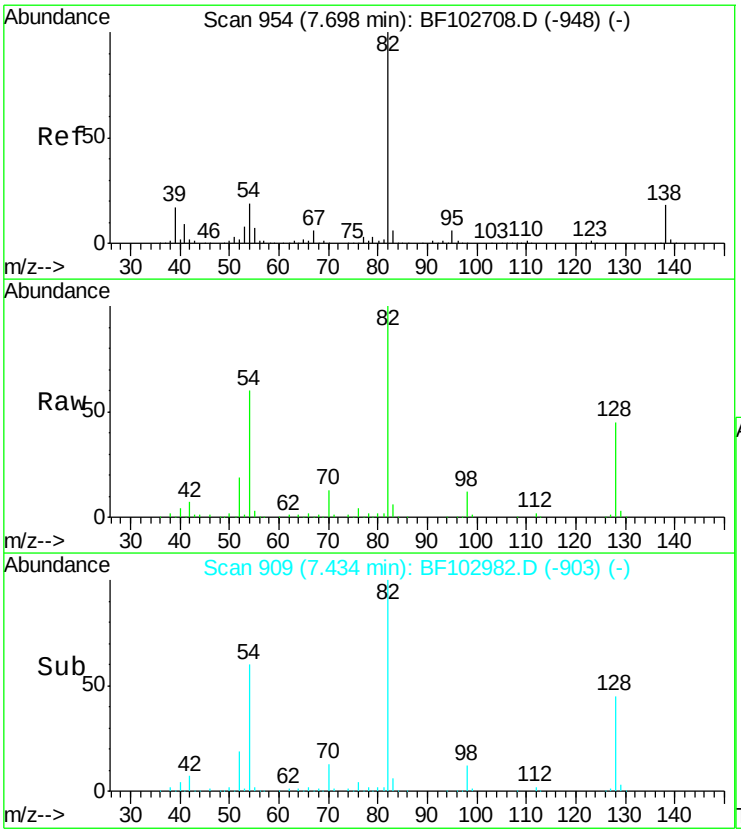
#23
Nitrobenzene-d5
Concen: 40.013 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF102982.D
Acq: 14 Feb 2018 12:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 406349

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	60.5	41.4	62.2

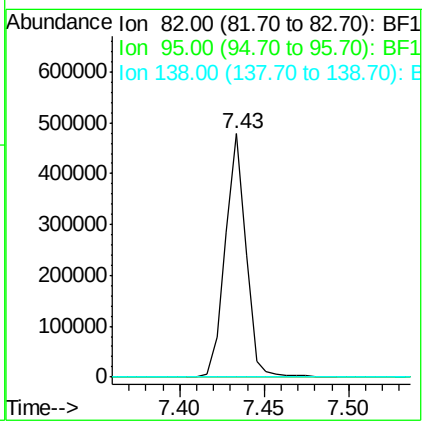


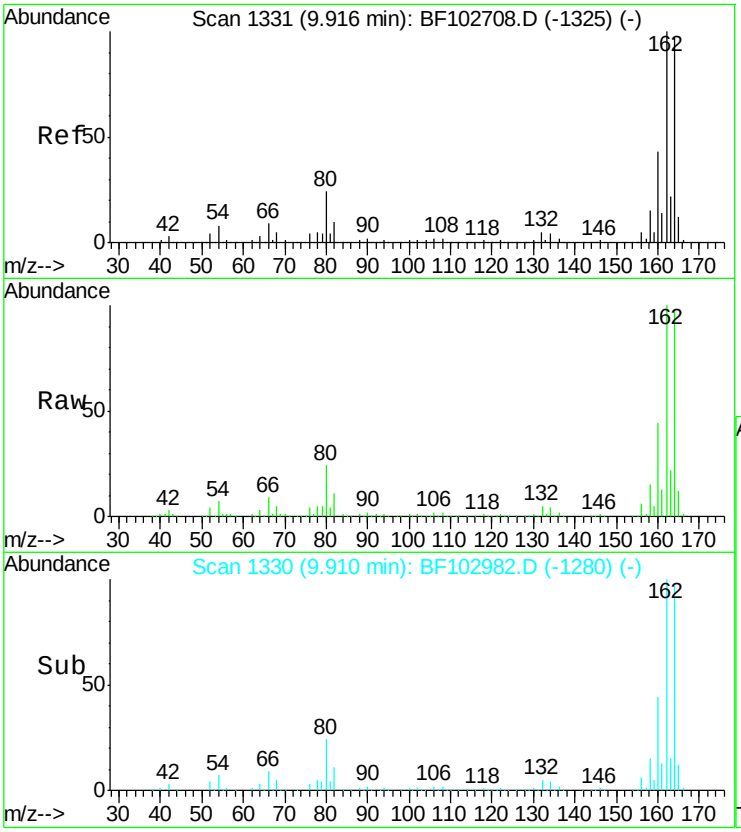


#25
Isophorone
Concen: 17.377 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF102982.D
Acq: 14 Feb 2018 12:00

Tgt Ion: 82 Resp: 406344

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



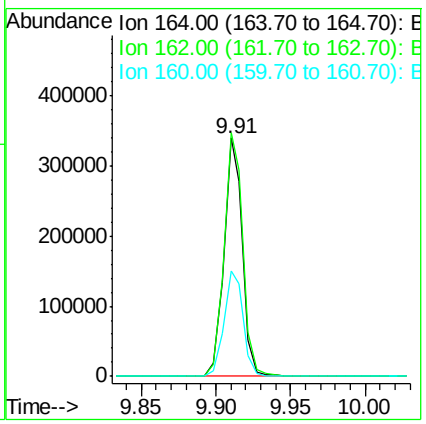


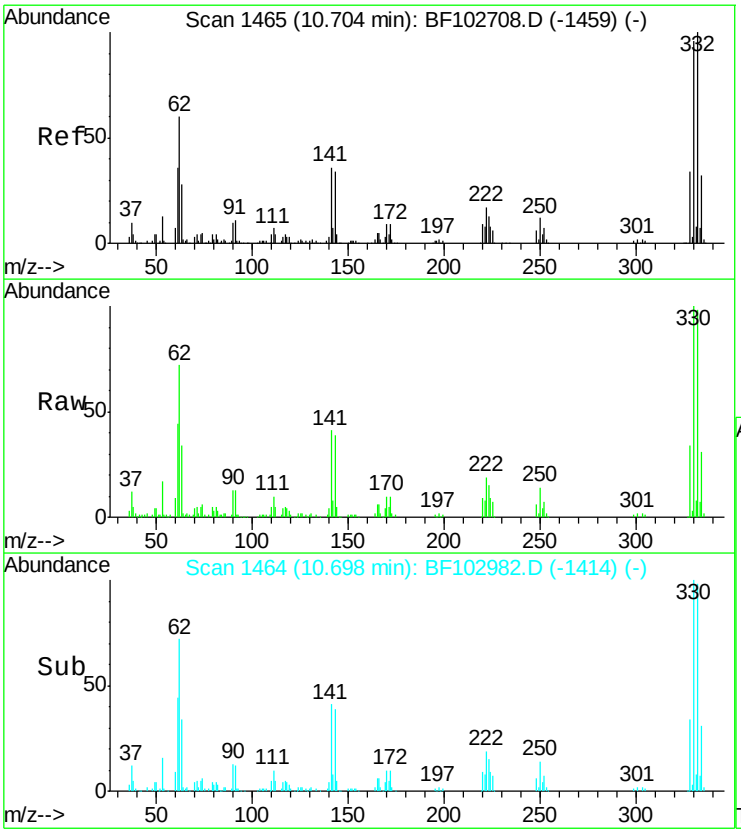
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF102982.D
Acq: 14 Feb 2018 12:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 296492

Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	44.5	38.3	57.5

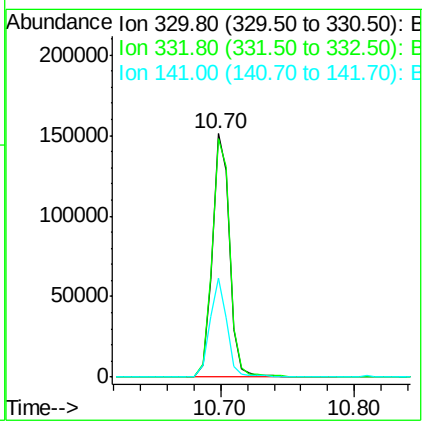


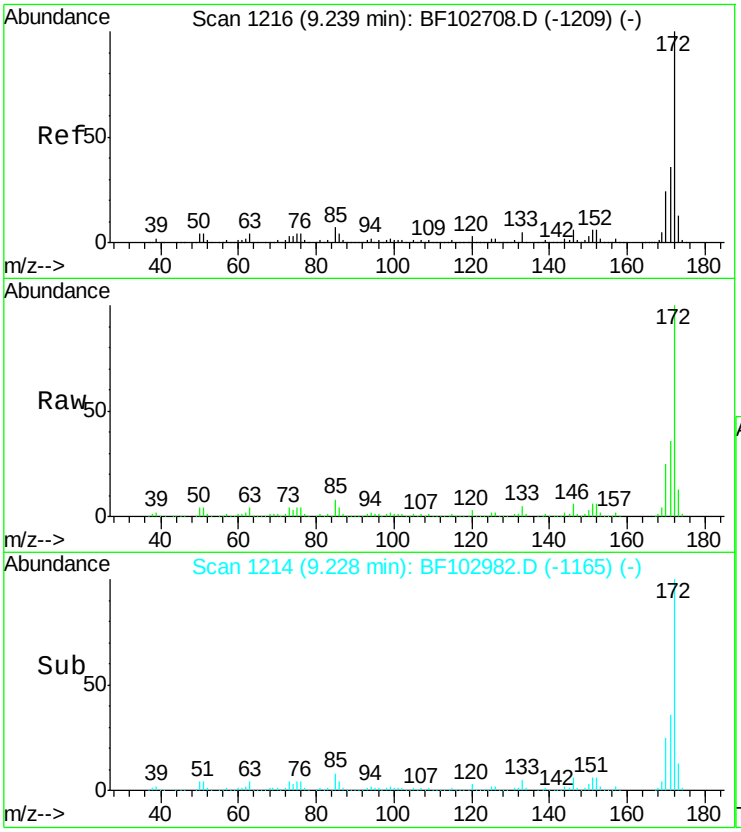


#41
2,4,6-Tribromophenol
Concen: 57.626 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF102982.D
Acq: 14 Feb 2018 12:00

Tgt Ion:330 Resp: 137519

Ion	Ratio	Lower	Upper
330	100		
332	101.0	77.0	115.6
141	40.4	29.9	44.9



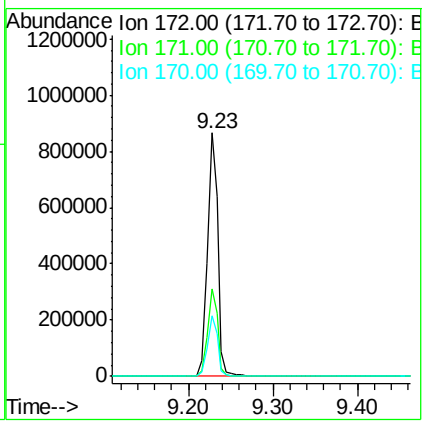


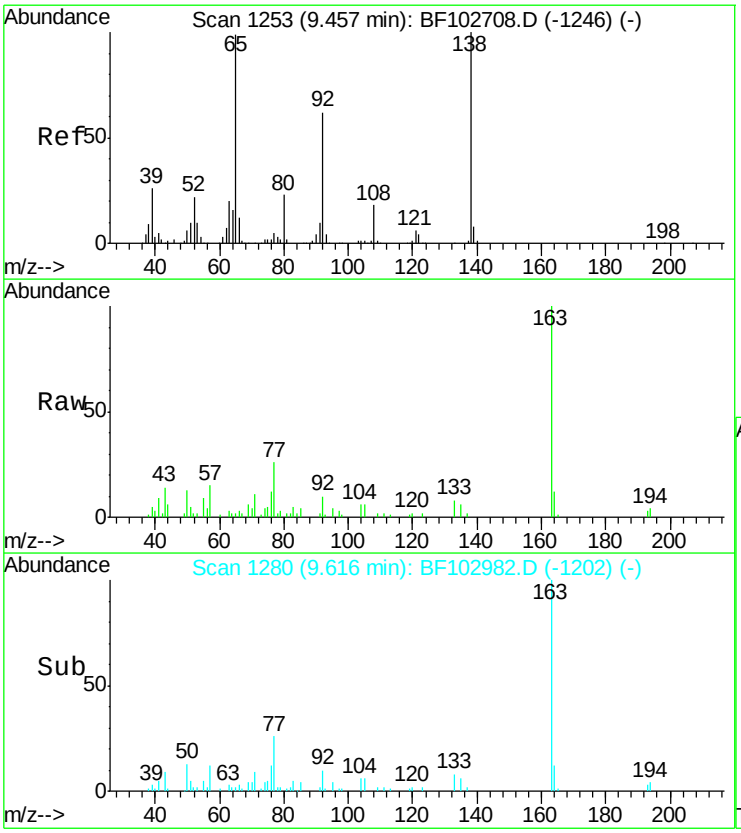
#44
2-Fluorobiphenyl
Concen: 41.581 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF102982.D
Acq: 14 Feb 2018 12:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 742968

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.9	19.6	29.4

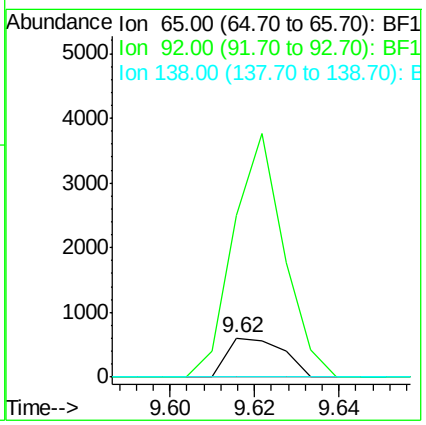


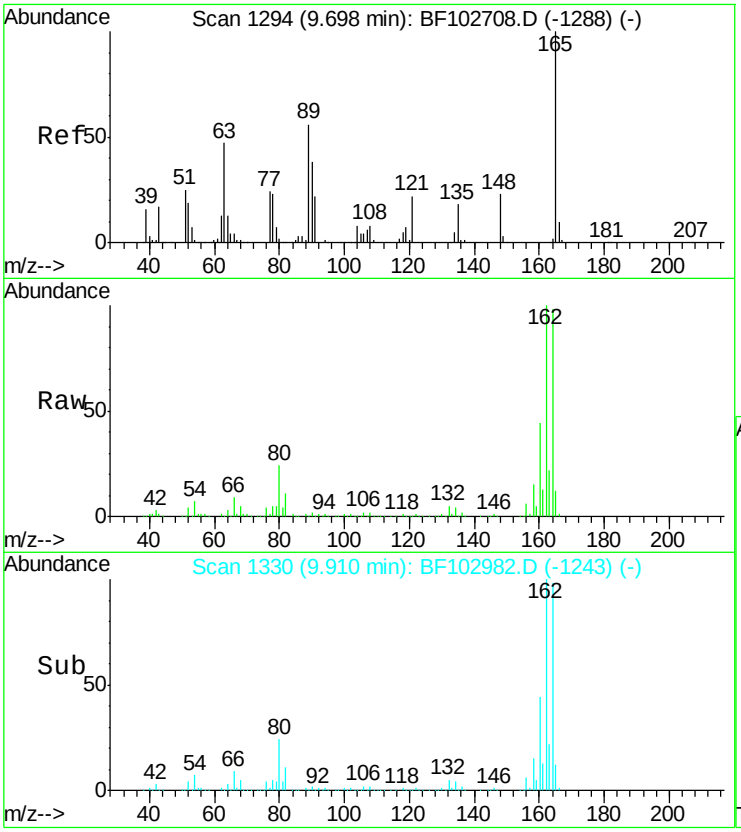


#47
2-Nitroaniline
Concen: 3.556 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.16 min
Lab File: BF102982.D
Acq: 14 Feb 2018 12:00

Tgt Ion: 65 Resp: 550

Ion	Ratio	Lower	Upper
65	100		
92	414.6	55.8	83.6#
138	0.0	91.2	136.8#



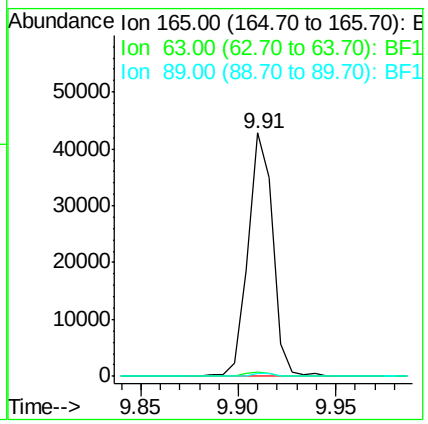


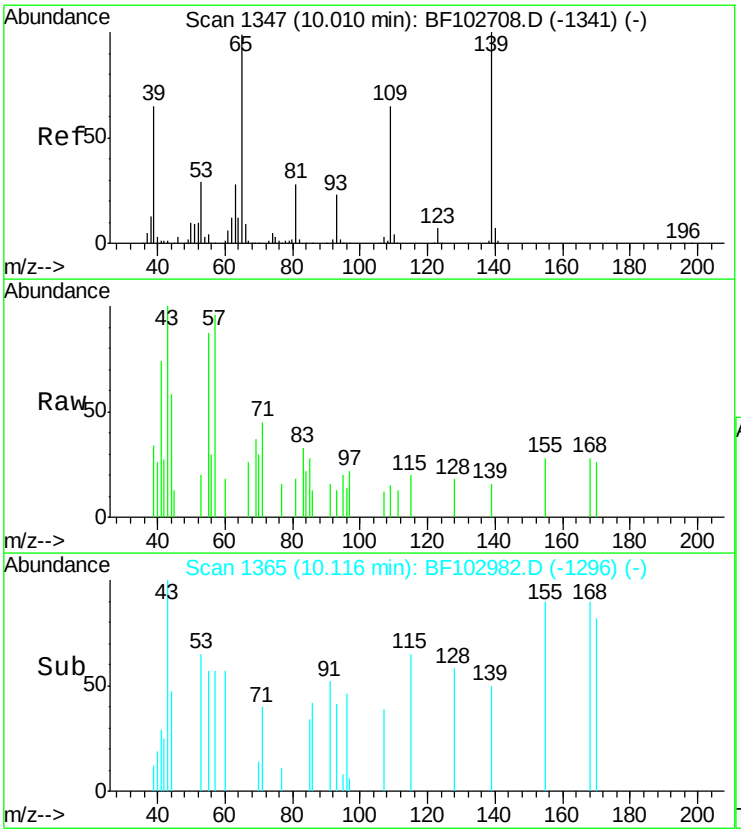
#50
2,6-Dinitrotoluene
Concen: 8.540 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF102982.D
Acq: 14 Feb 2018 12:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 37562

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.3	44.0	66.0#

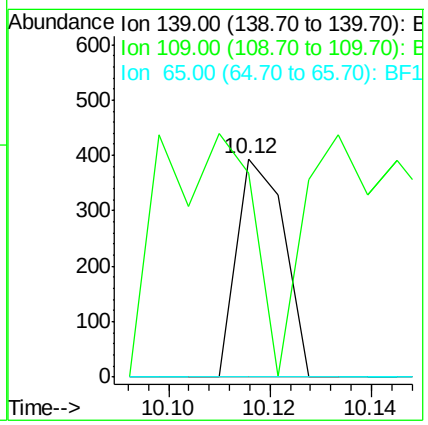


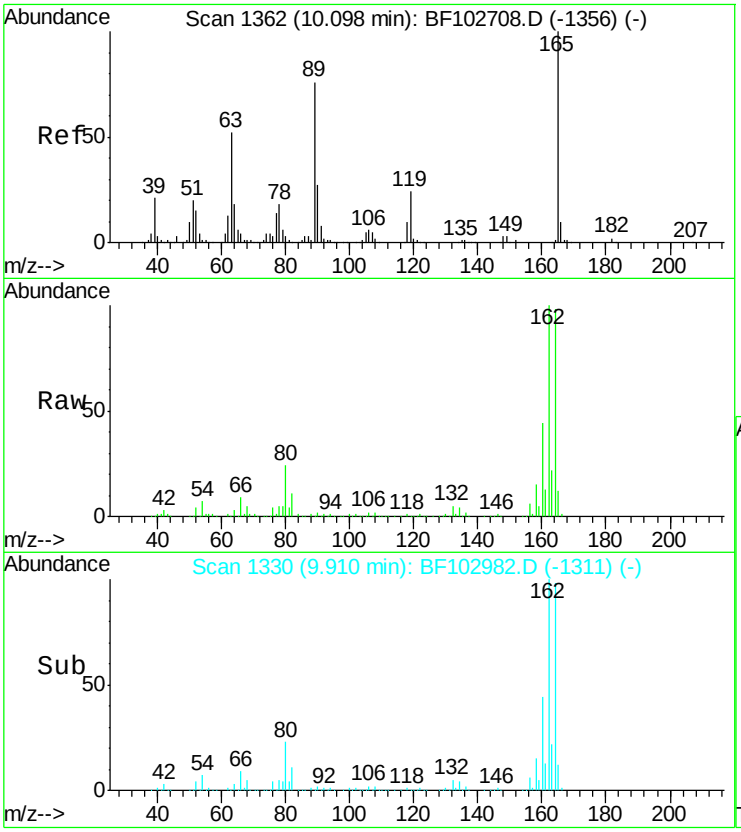


#55
4-Nitrophenol
Concen: 4.078 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.11 min
Lab File: BF102982.D
Acq: 14 Feb 2018 12:00

Tgt Ion:139 Resp: 255

Ion	Ratio	Lower	Upper
139	100		
109	93.1	48.4	88.4#
65	0.0	72.6	112.6#



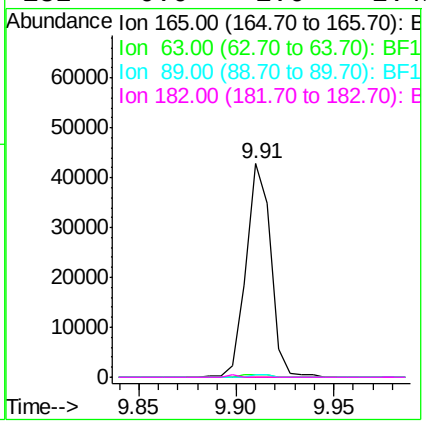


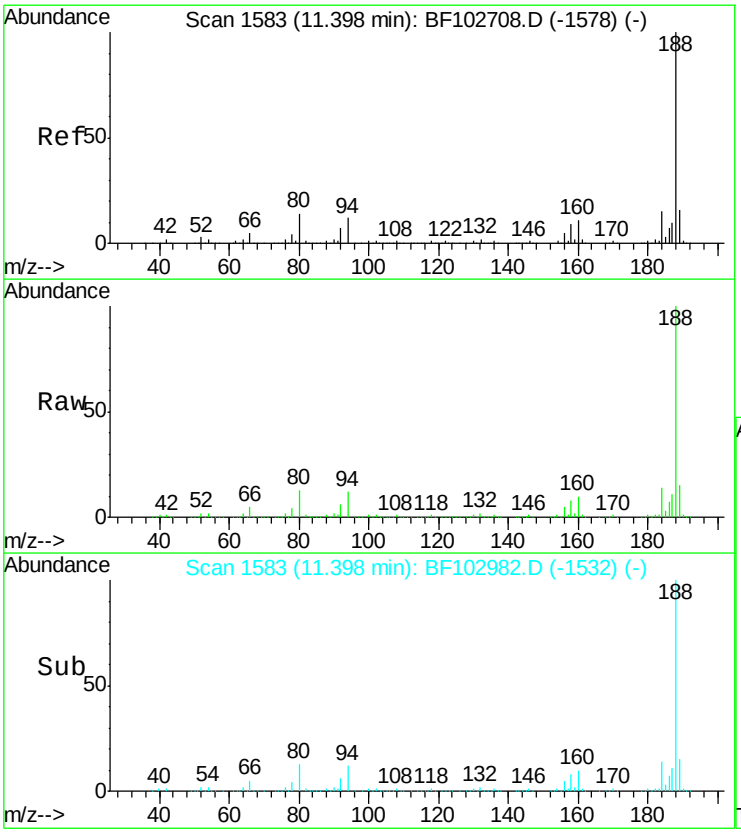
#56
2,4-Dinitrotoluene
Concen: 9.035 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.19 min
Lab File: BF102982.D
Acq: 14 Feb 2018 12:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 37562

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

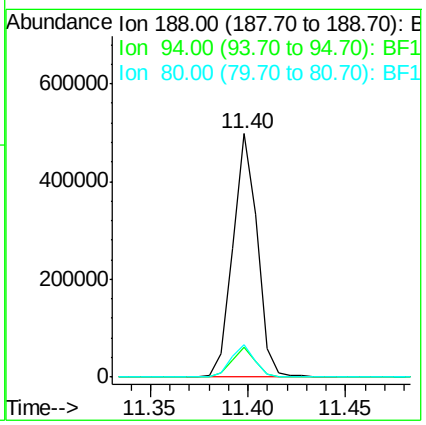


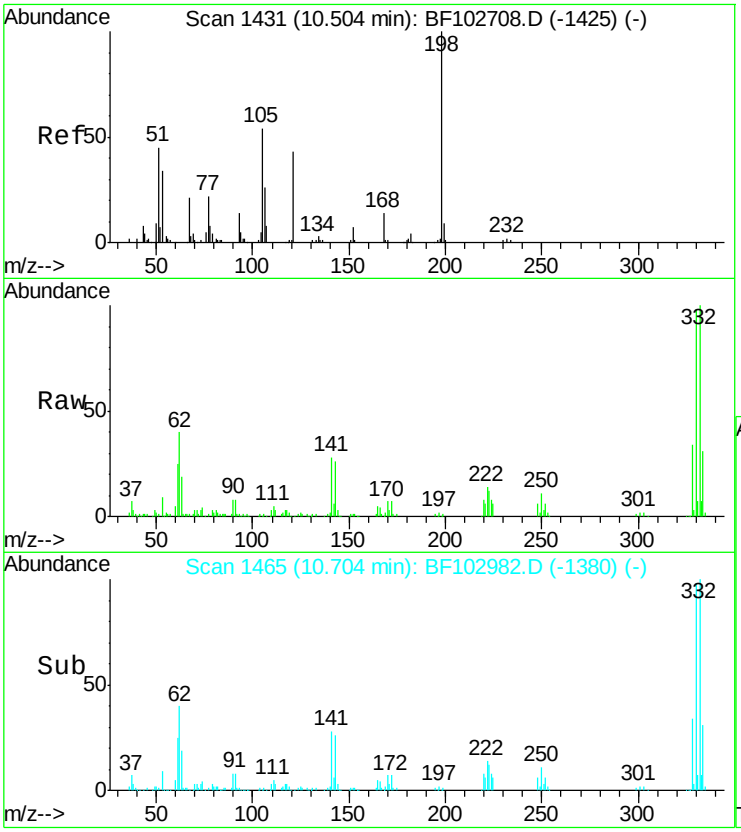


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF102982.D
Acq: 14 Feb 2018 12:00

Tgt Ion:188 Resp: 431218

Ion	Ratio	Lower	Upper
188	100		
94	12.1	8.5	12.7
80	13.1	9.2	13.8



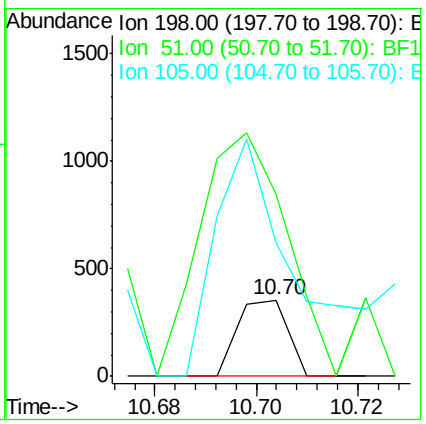


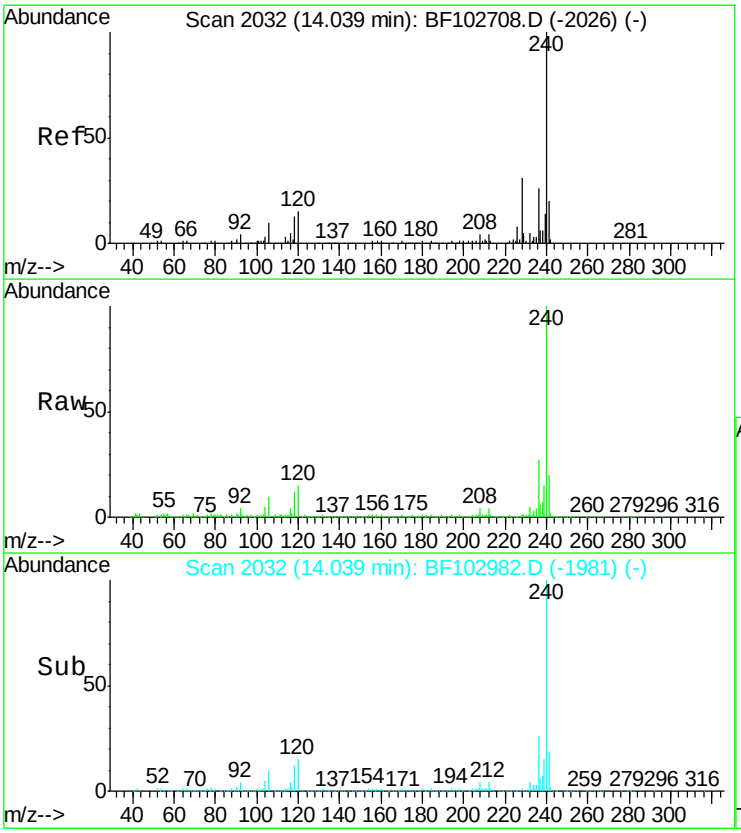
#64
4,6-Dinitro-2-methylphenol
Concen: 8.918 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.20 min
Lab File: BF102982.D
Acq: 14 Feb 2018 12:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 244

Ion	Ratio	Lower	Upper
198	100		
51	238.7	37.7	77.7#
105	175.7	36.3	76.3#

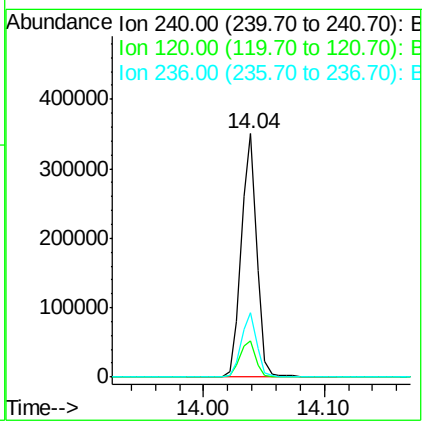


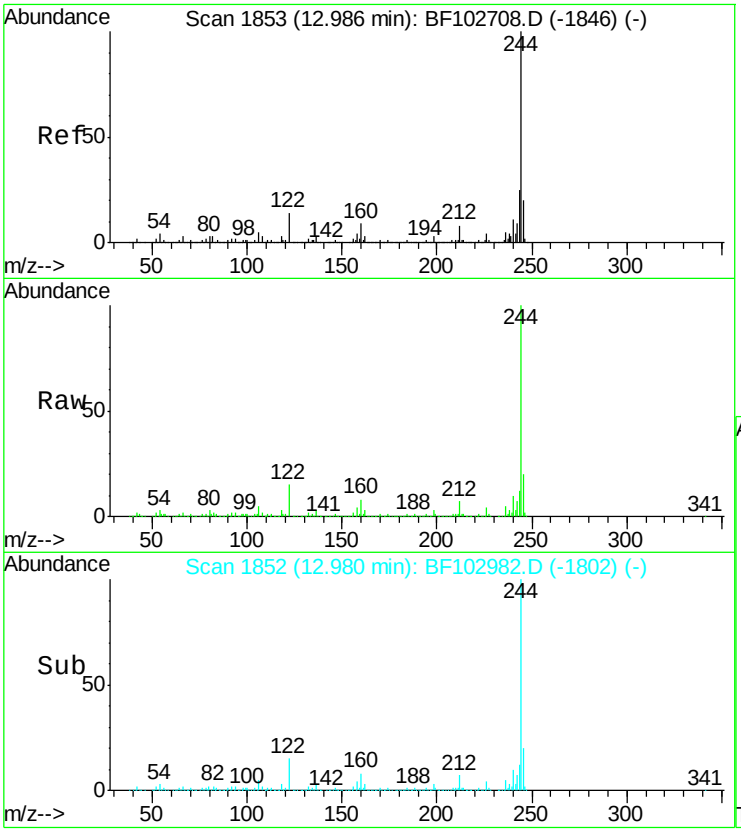


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102982.D
Acq: 14 Feb 2018 12:00

Tgt Ion:240 Resp: 316821

Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.5	14.3#
236	26.5	20.7	31.1



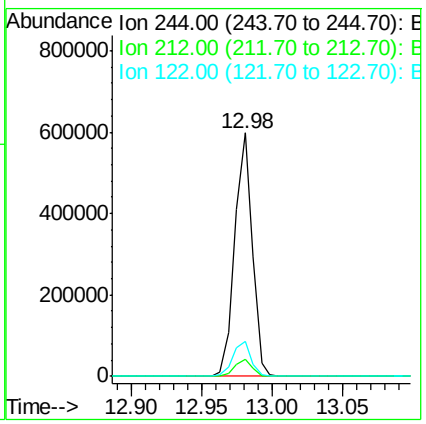


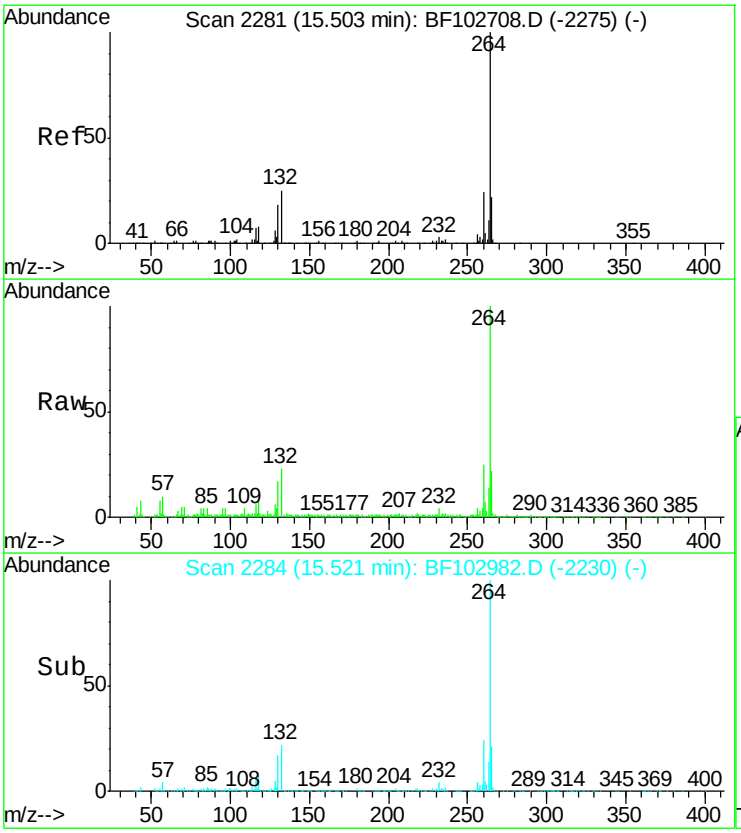
#78
Terphenyl-d14
Concen: 38.628 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF102982.D
Acq: 14 Feb 2018 12:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 516868

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.02 min
Lab File: BF102982.D
Acq: 14 Feb 2018 12:00

Tgt Ion:264 Resp: 287170

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.7	17.5	26.3