Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102935.D
Acq On : 12 Feb 2018 22:46
Operator : SJ/JU
Sample : PB106452BL
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 13 01:08:01 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 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	175846	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	720887	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	284465	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	383989	20.00	ng		0.00
75) Chrysene-d12	14.05	240	296670	20.00	ng		0.00
86) Perylene-d12	15.54	264	260327	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1182833	102.15	ng		0.02
7) Phenol-d6	6.51	99	1378607	98.88	ng		0.00
23) Nitrobenzene-d5	7.45	82	906353	87.22	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	188271	82.23	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1410693	82.29	ng		0.00
78) Terphenyl-d14	13.00	244	895474	71.47	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.66	77	25630	2.48	ng		82
19) n-Nitroso-di-n-propylamine	7.45	70	121607	13.23	ng	#	82
25) Isophorone	7.45	82	904232	37.79	ng	#	64
47) 2-Nitroaniline	9.24	65	2649	3.89	ng	#	2
50) 2,6-Dinitrotoluene	9.92	165	35755	8.47	ng	#	26
56) 2,4-Dinitrotoluene	9.92	165	35755	8.99	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.71	198	332	8.98	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	12801	3.15	ng	#	1

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

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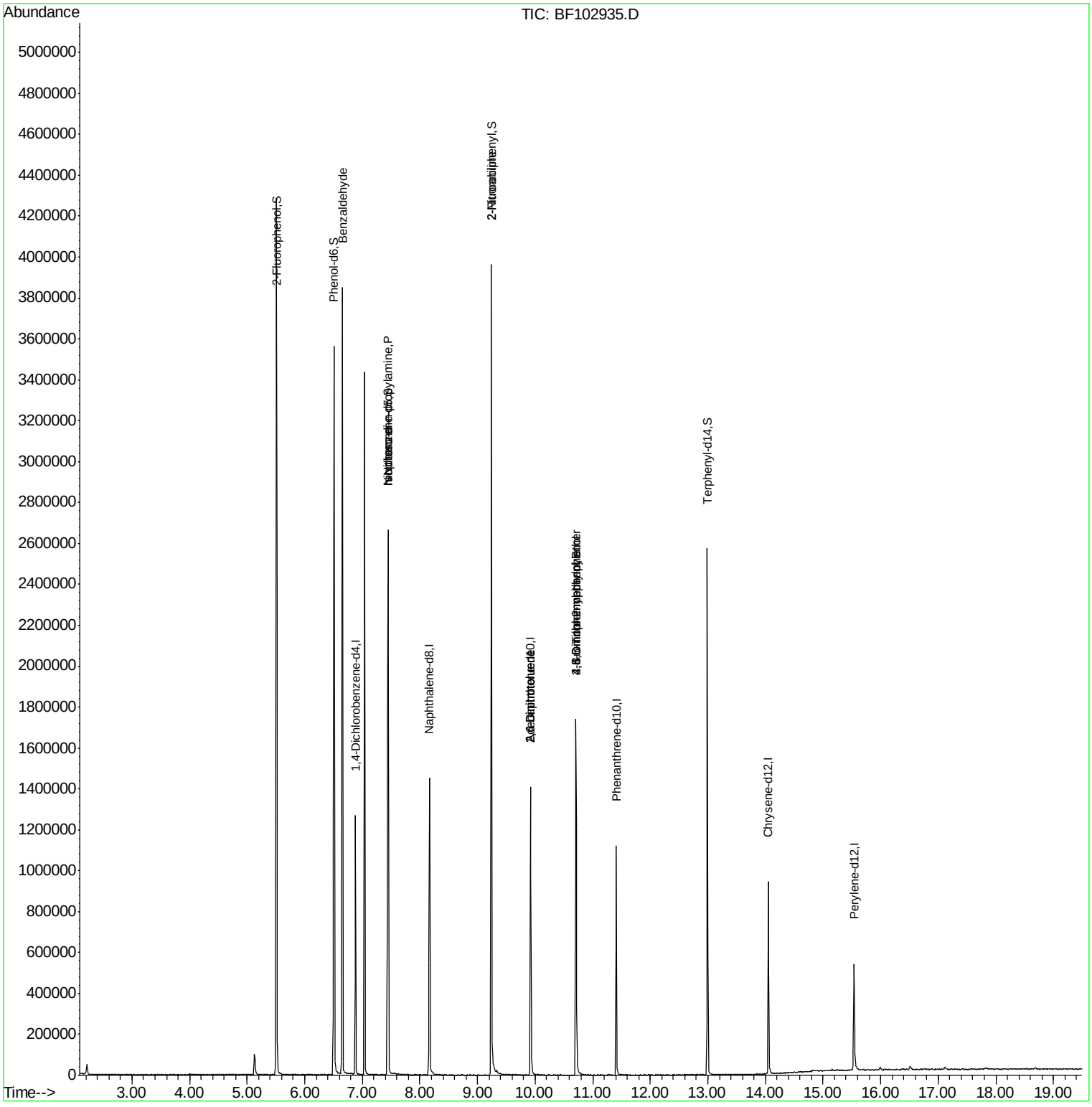
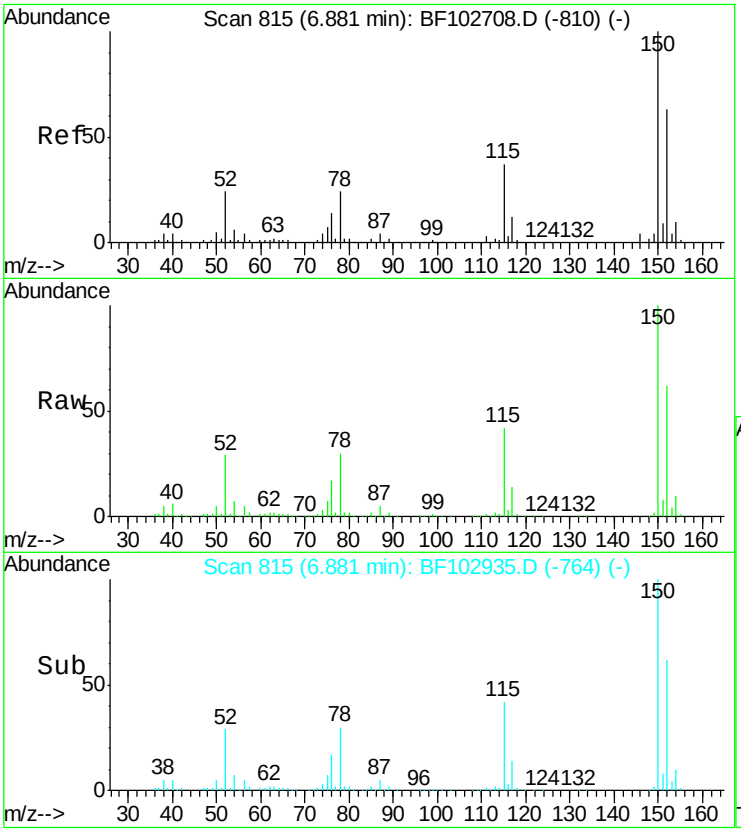


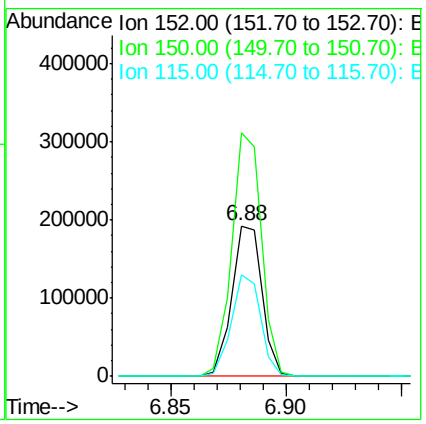


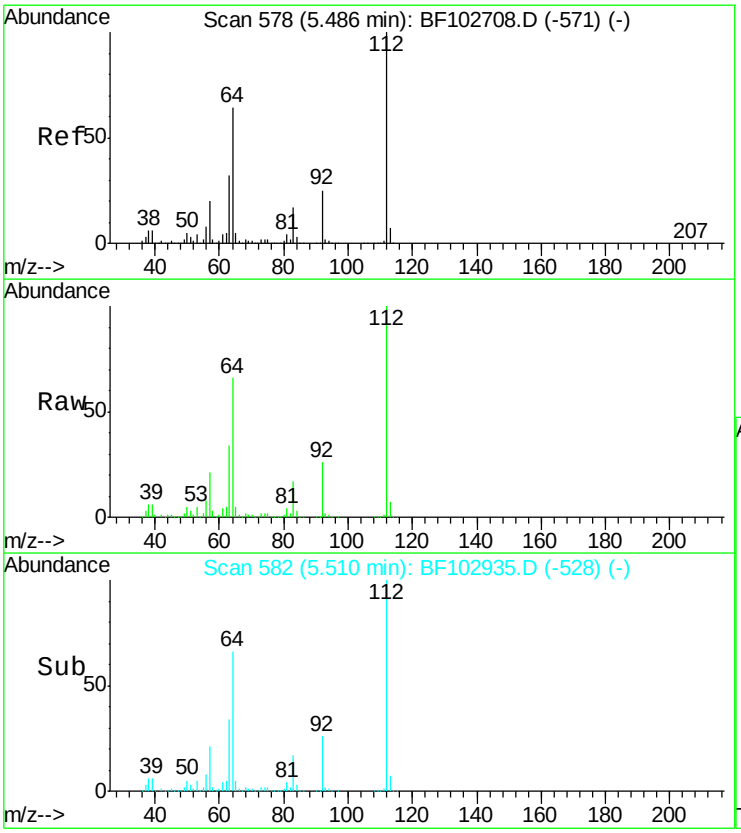
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102935.D
Acq: 12 Feb 2018 22:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 175846

Ion	Ratio	Lower	Upper
152	100		
150	161.9	124.6	186.8
115	67.8	50.1	75.1

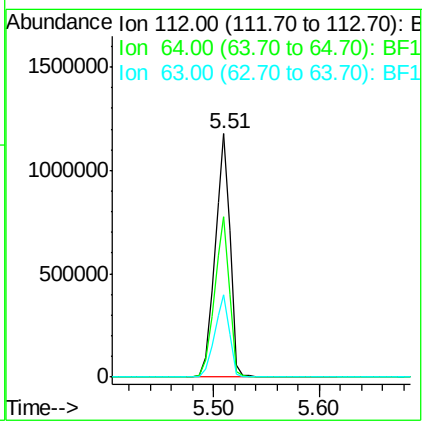


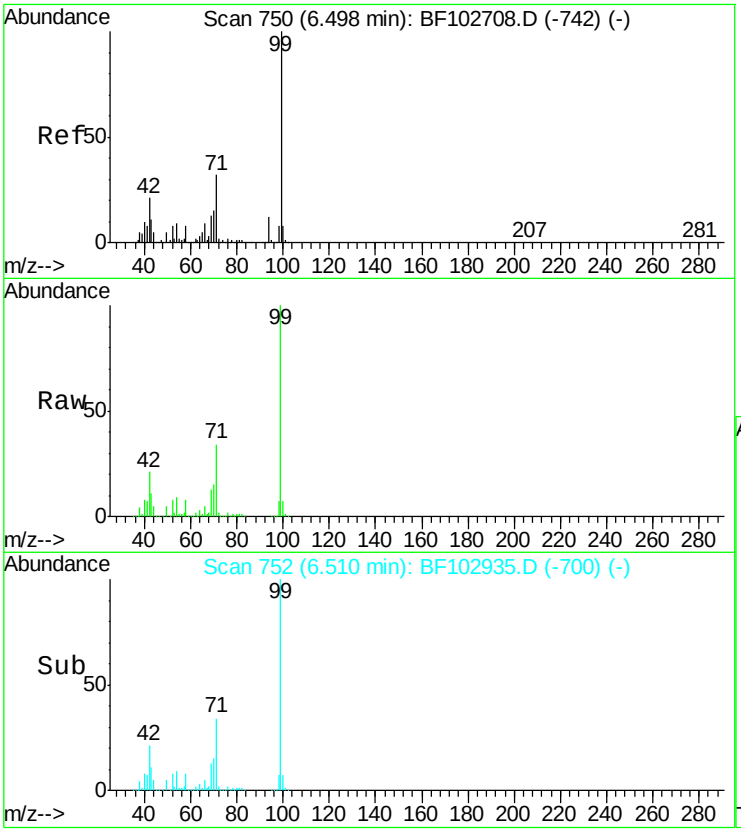


#5
2-Fluorophenol
Concen: 102.15 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102935.D
Acq: 12 Feb 2018 22:46

Tgt Ion:112 Resp: 1182833

Ion	Ratio	Lower	Upper
112	100		
64	66.1	47.9	71.9
63	33.8	23.7	35.5



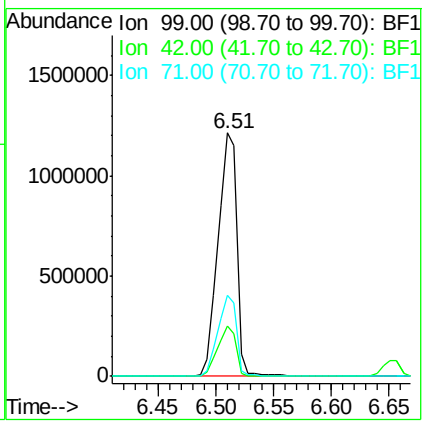


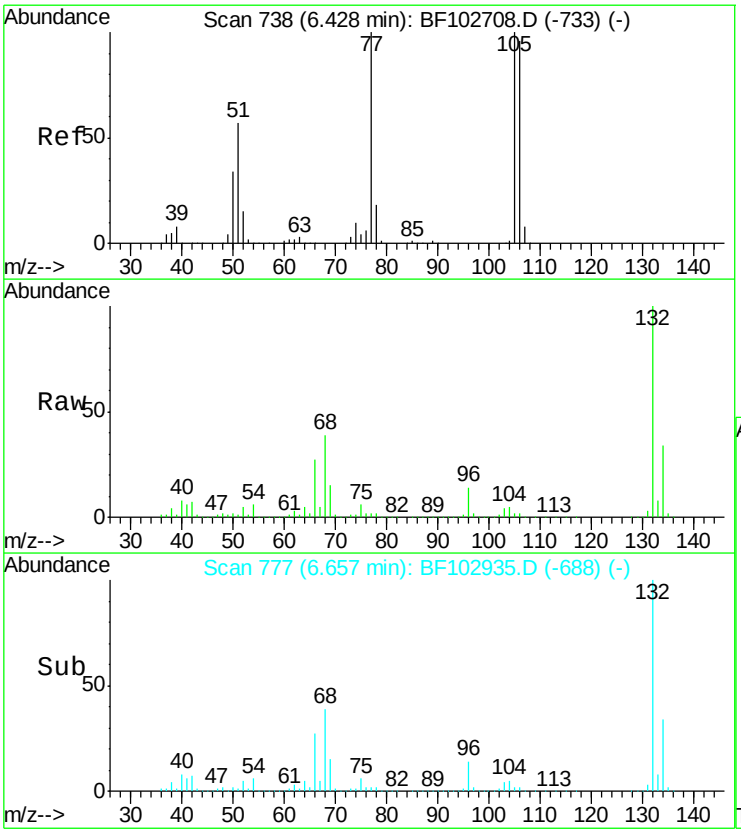
#7
Phenol-d6
Concen: 98.88 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF102935.D
Acq: 12 Feb 2018 22:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1378607

Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.5	21.7
71	33.5	25.4	38.0

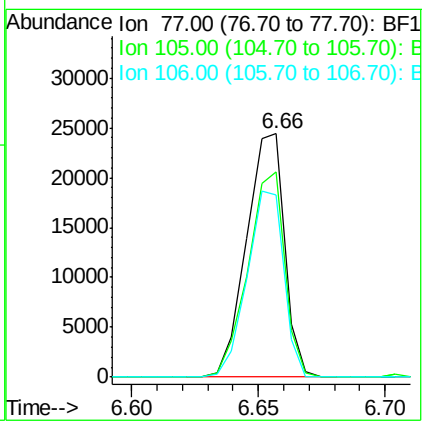


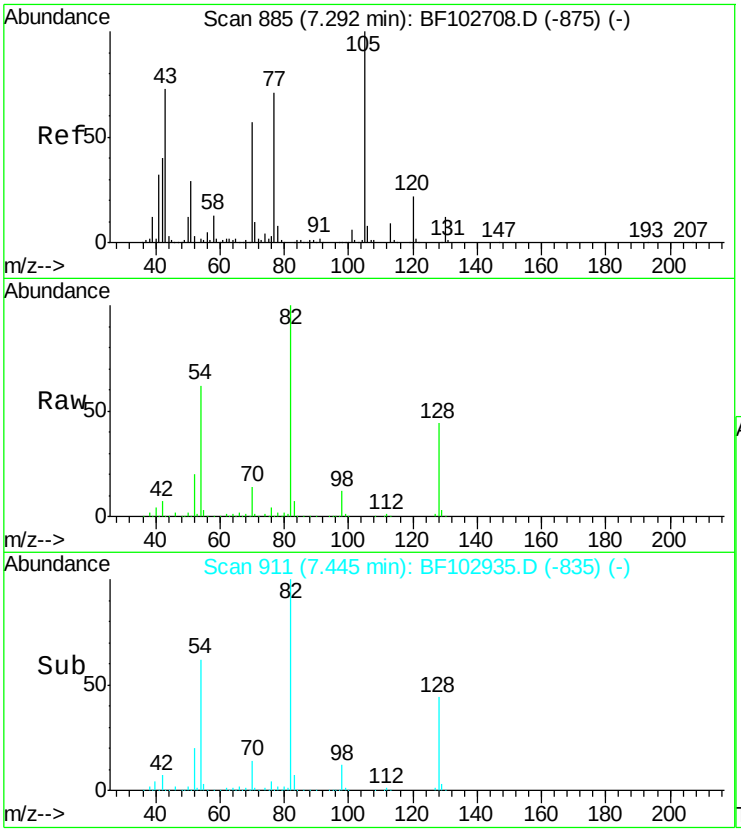


#9
Benzaldehyde
Concen: 2.48 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.22 min
Lab File: BF102935.D
Acq: 12 Feb 2018 22:46

Tgt Ion: 77 Resp: 25630

Ion	Ratio	Lower	Upper
77	100		
105	84.3	81.1	121.1
106	74.9	74.5	114.5



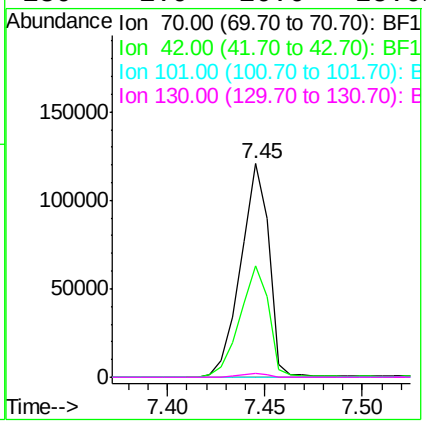


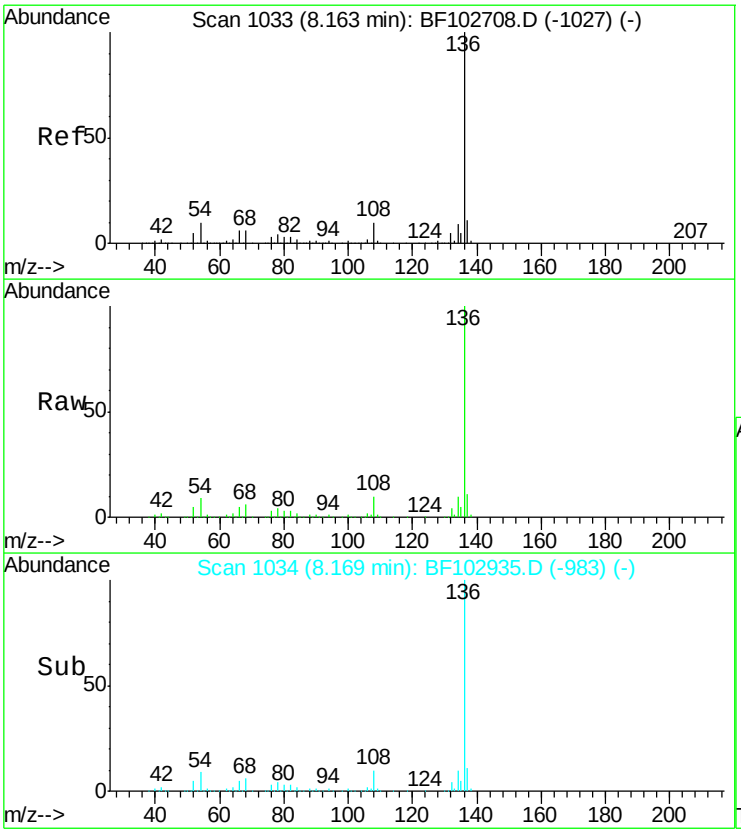
#19
n-Nitroso-di-n-propylamine
Concen: 13.23 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF102935.D
Acq: 12 Feb 2018 22:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 121607

Ion	Ratio	Lower	Upper
70	100		
42	52.2	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

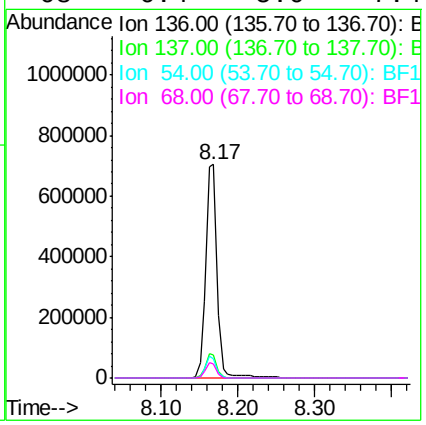


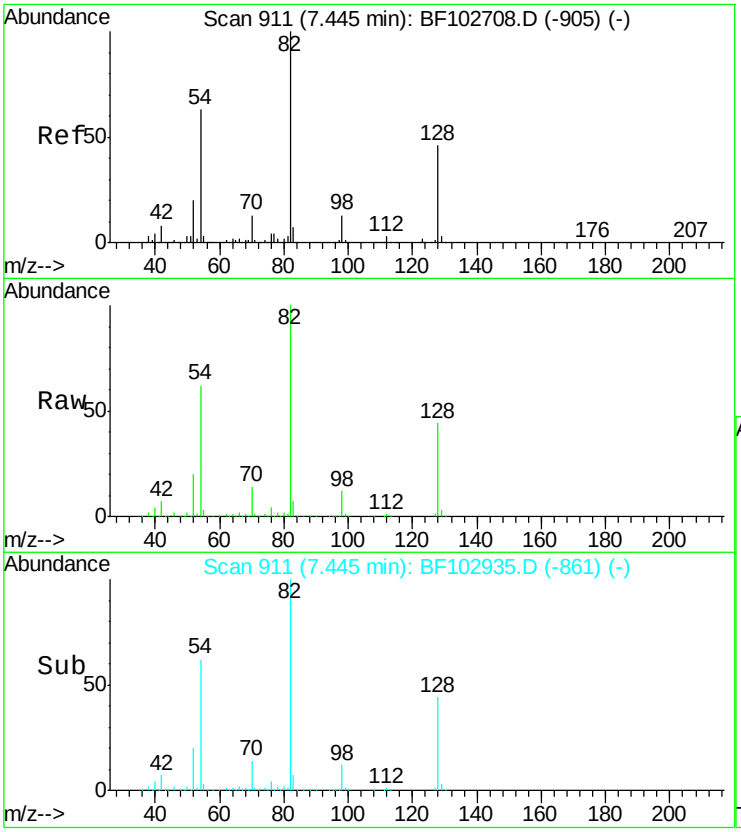


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102935.D
Acq: 12 Feb 2018 22:46

Tgt Ion:136 Resp: 720887

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.2	6.6	9.8
68	6.4	5.0	7.4



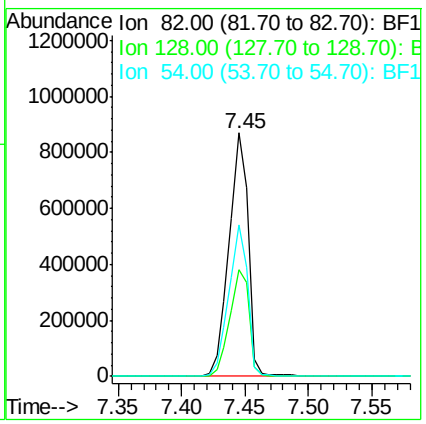


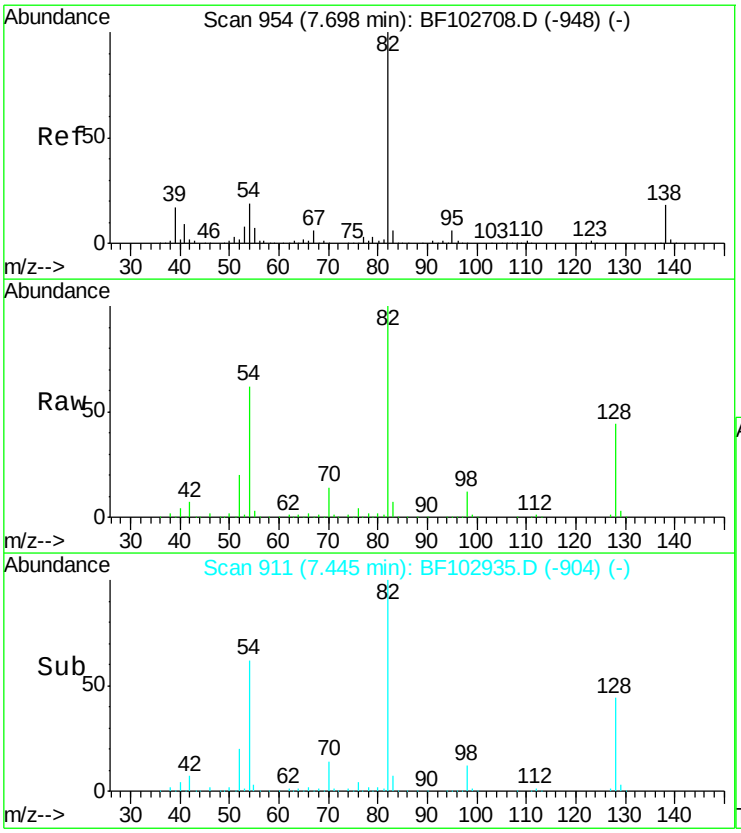
#23
Nitrobenzene-d5
Concen: 87.22 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102935.D
Acq: 12 Feb 2018 22:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 906353

Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	62.0	41.4	62.2

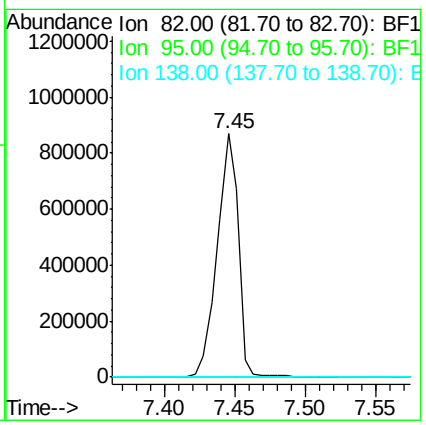


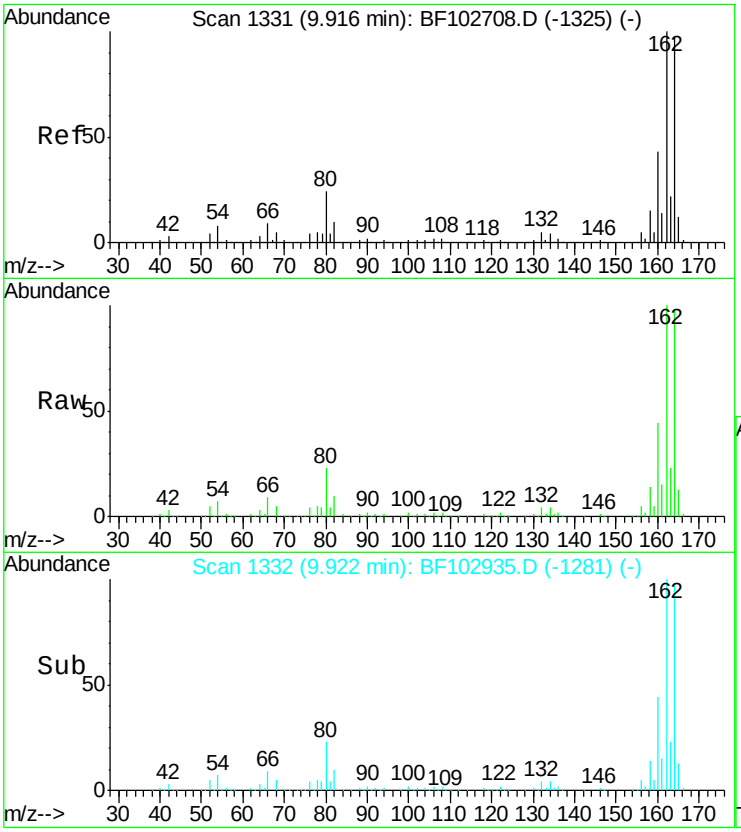


#25
Isophorone
Concen: 37.79 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF102935.D
Acq: 12 Feb 2018 22:46

Tgt Ion: 82 Resp: 904232

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



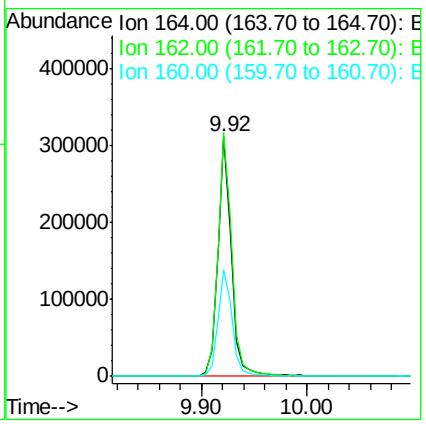


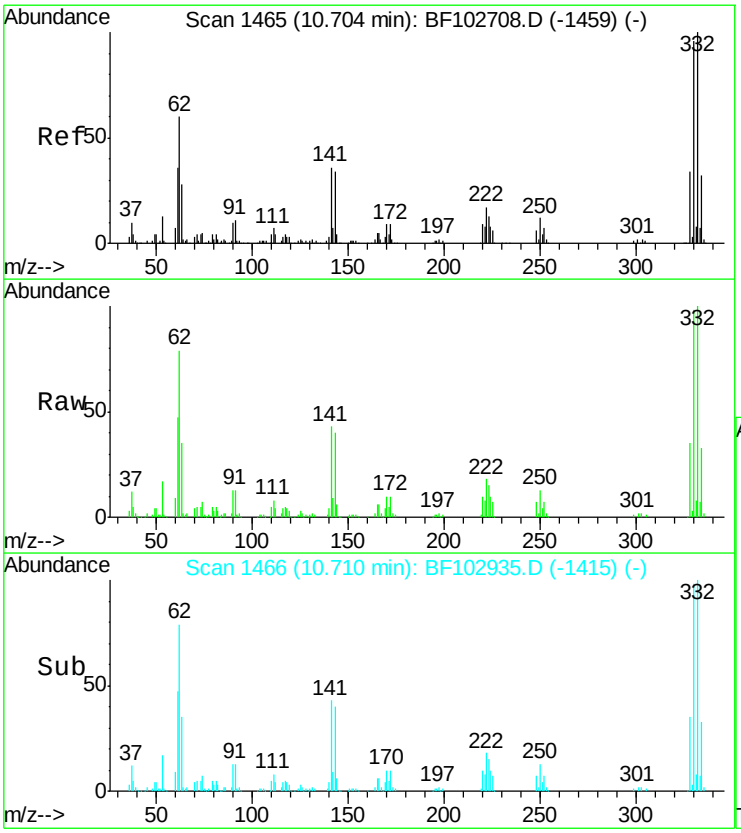
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102935.D
Acq: 12 Feb 2018 22:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 284465

Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	44.6	38.3	57.5

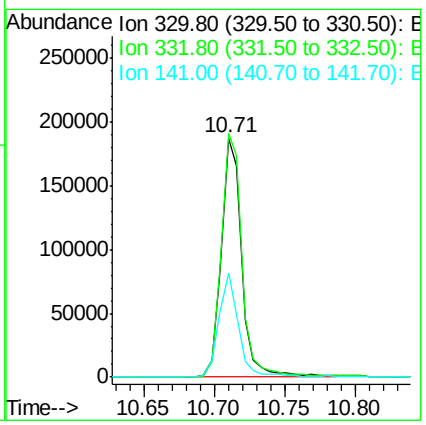


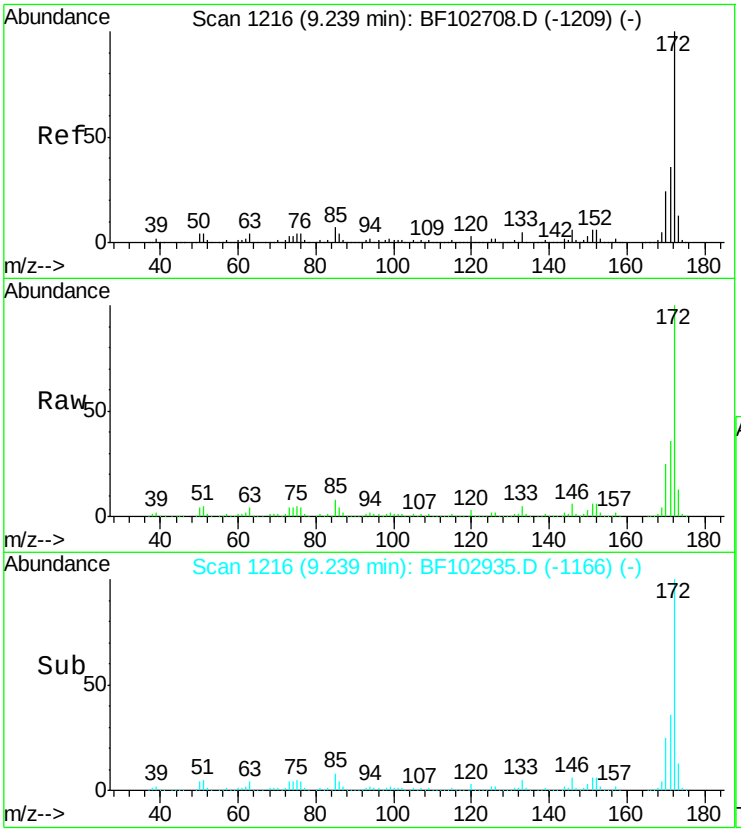


#41
2,4,6-Tribromophenol
Concen: 82.23 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF102935.D
Acq: 12 Feb 2018 22:46

Tgt Ion:330 Resp: 188271

Ion	Ratio	Lower	Upper
330	100		
332	105.0	77.0	115.6
141	42.8	29.9	44.9



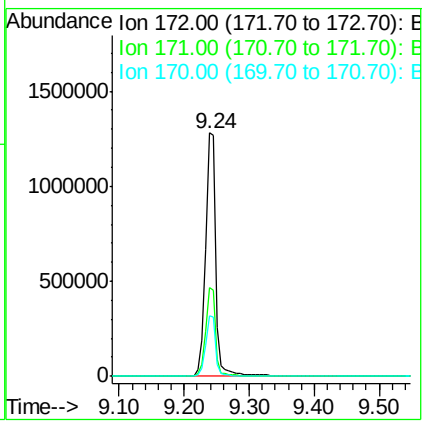


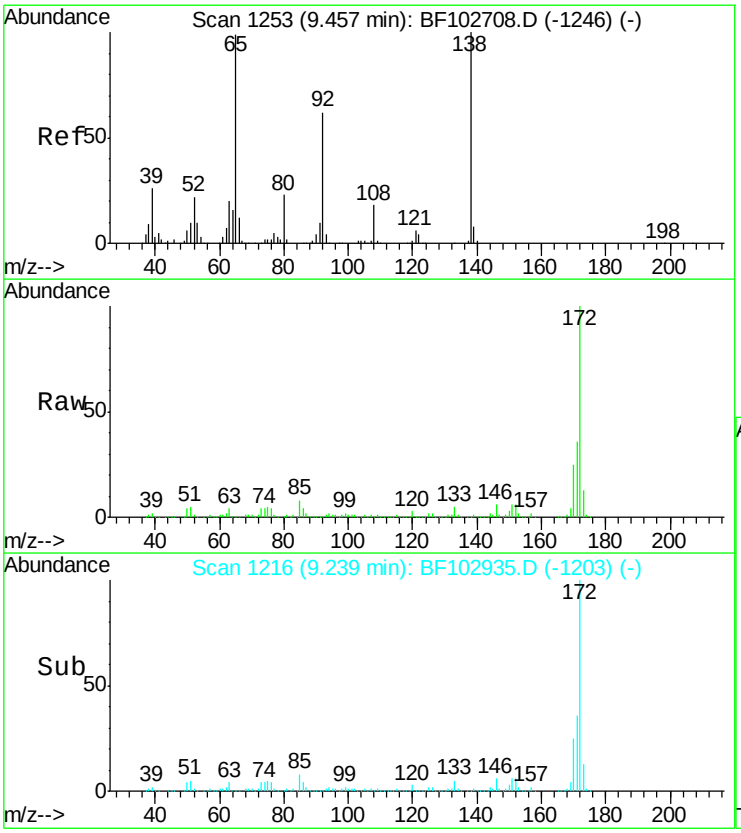
#44
2-Fluorobiphenyl
Concen: 82.29 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102935.D
Acq: 12 Feb 2018 22:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1410693

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.6	19.6	29.4

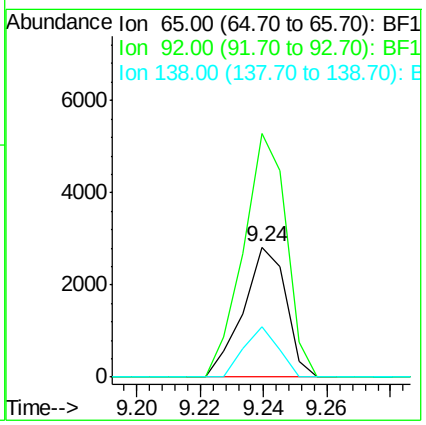


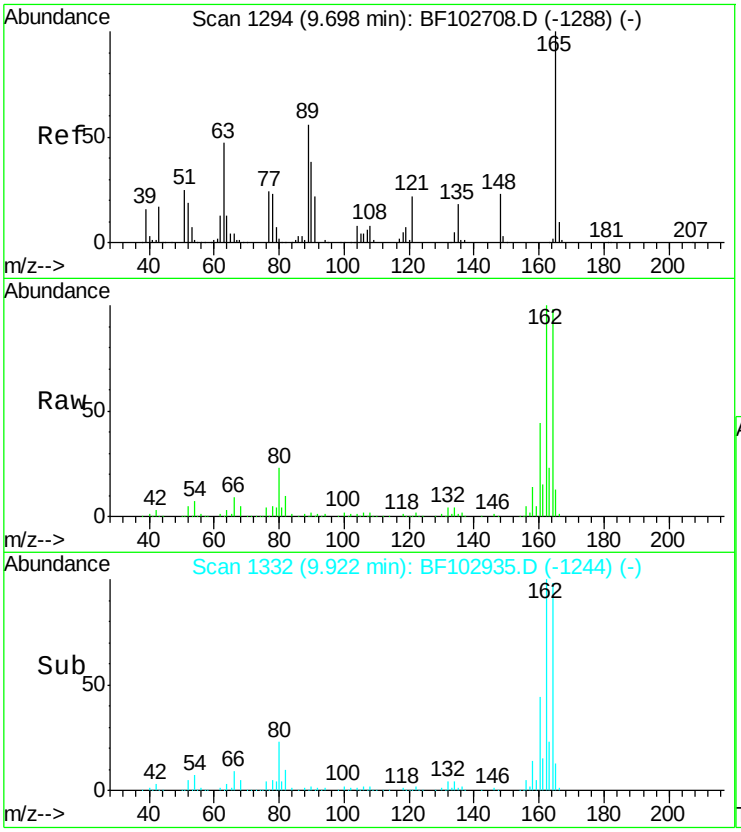


#47
2-Nitroaniline
Concen: 3.89 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.22 min
Lab File: BF102935.D
Acq: 12 Feb 2018 22:46

Tgt Ion: 65 Resp: 2649

Ion	Ratio	Lower	Upper
65	100		
92	187.3	55.8	83.6#
138	38.9	91.2	136.8#



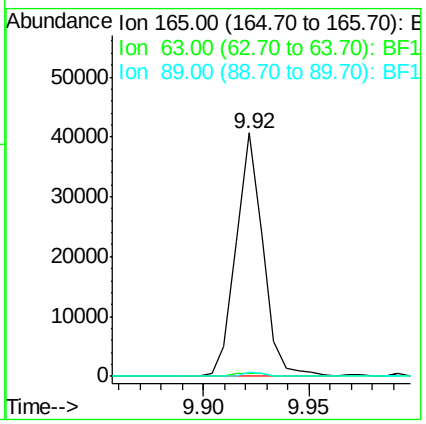


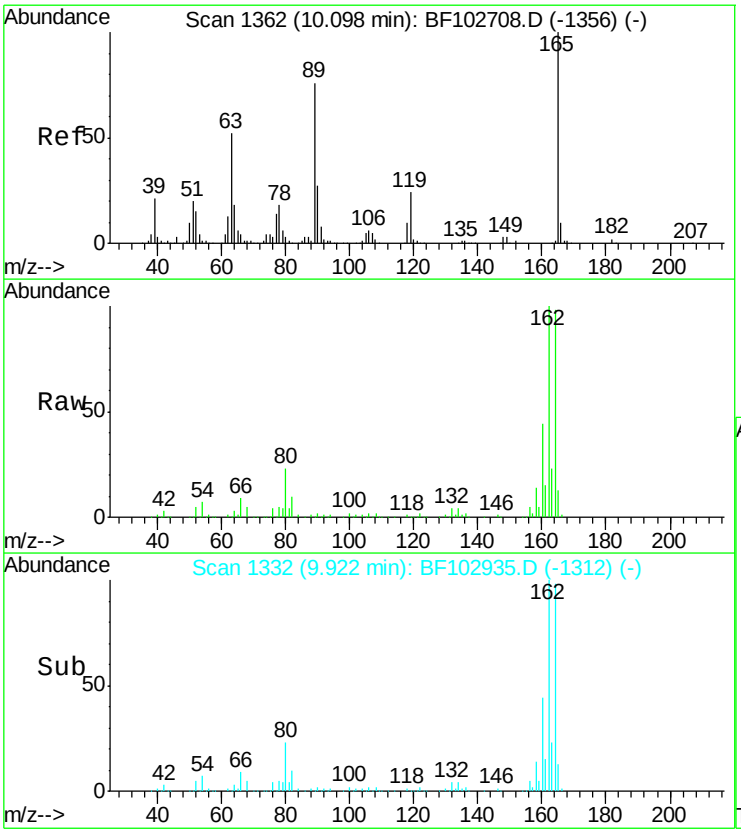
#50
2,6-Dinitrotoluene
Concen: 8.47 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.22 min
Lab File: BF102935.D
Acq: 12 Feb 2018 22:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 35755

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.7	44.0	66.0#

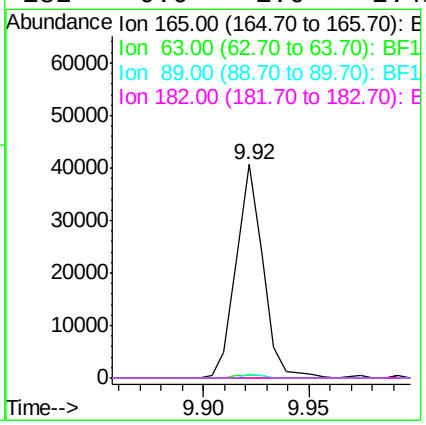


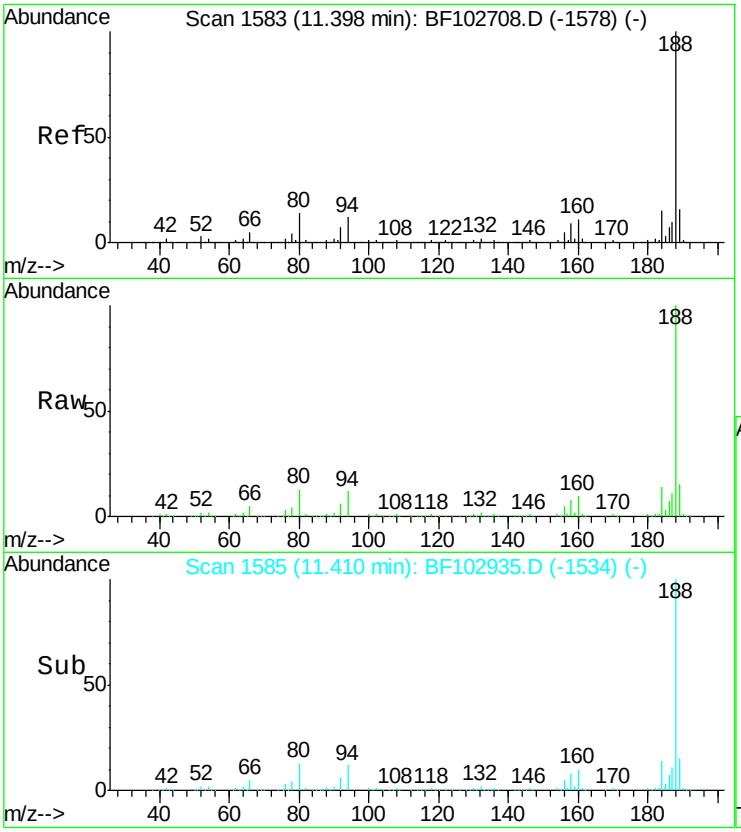


#56
2,4-Dinitrotoluene
Concen: 8.99 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102935.D
Acq: 12 Feb 2018 22:46

Tgt Ion:165 Resp: 35755

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



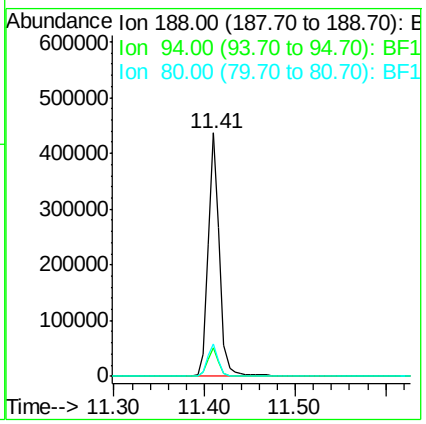


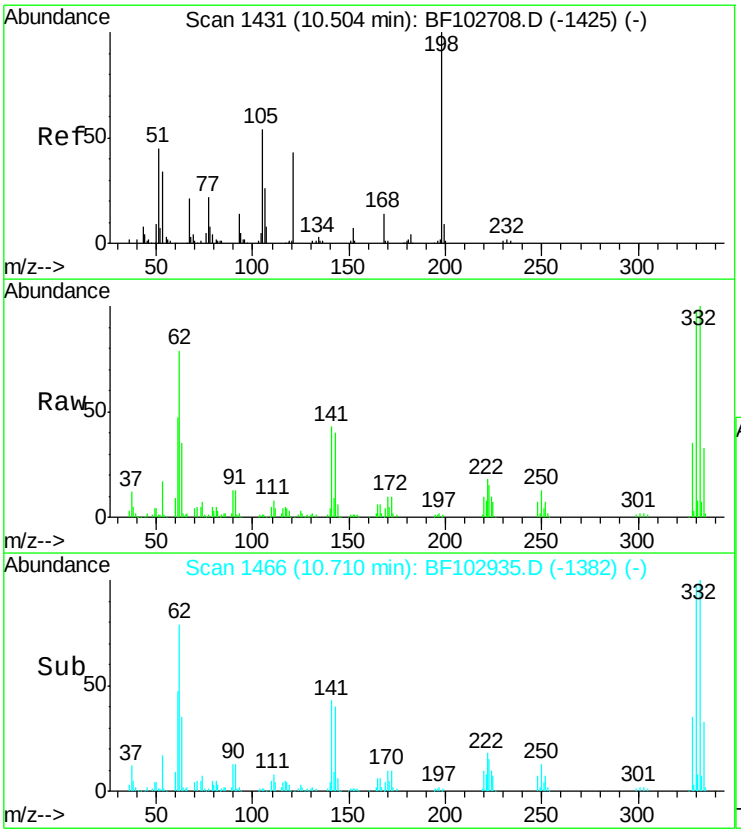
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102935.D
Acq: 12 Feb 2018 22:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 383989

Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.5	12.7
80	13.2	9.2	13.8

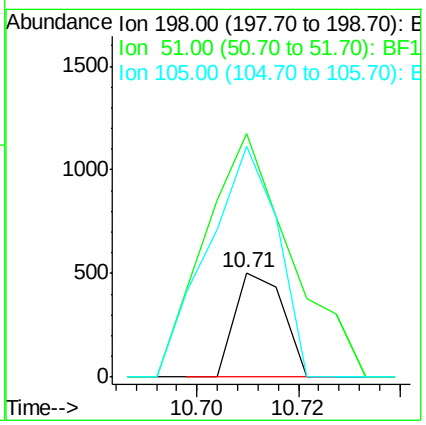


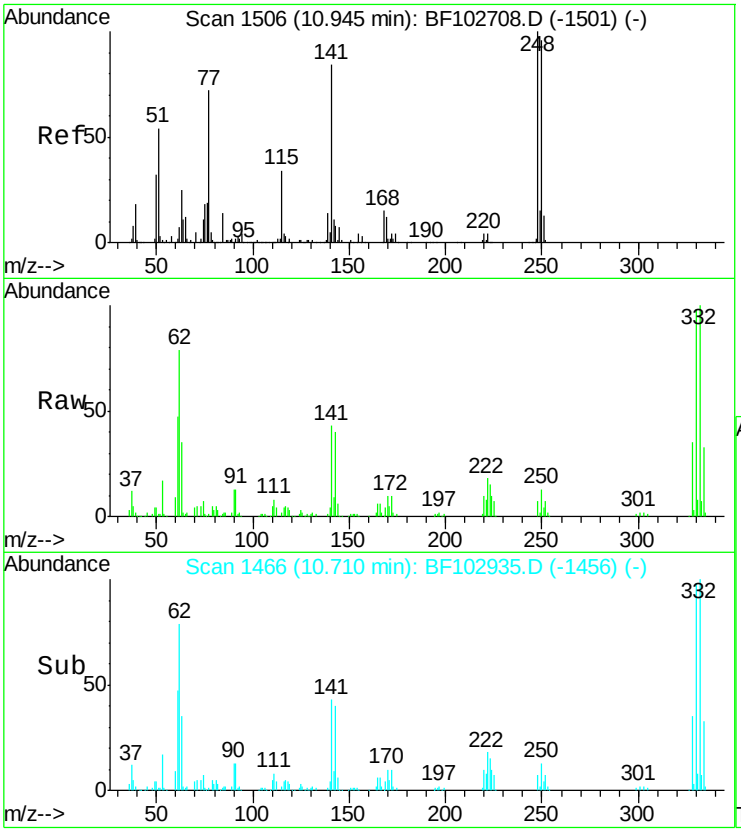


#64
4,6-Dinitro-2-methylphenol
Concen: 8.98 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF102935.D
Acq: 12 Feb 2018 22:46

Tgt Ion:198 Resp: 332

Ion	Ratio	Lower	Upper
198	100		
51	233.6	37.7	77.7#
105	221.1	36.3	76.3#



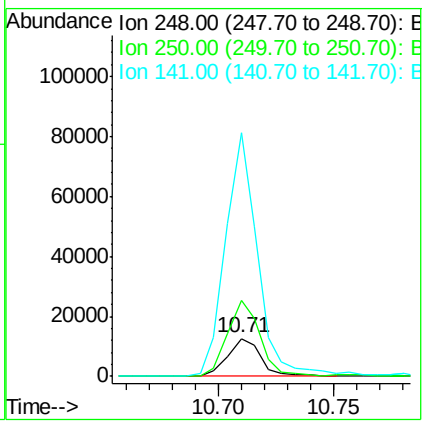


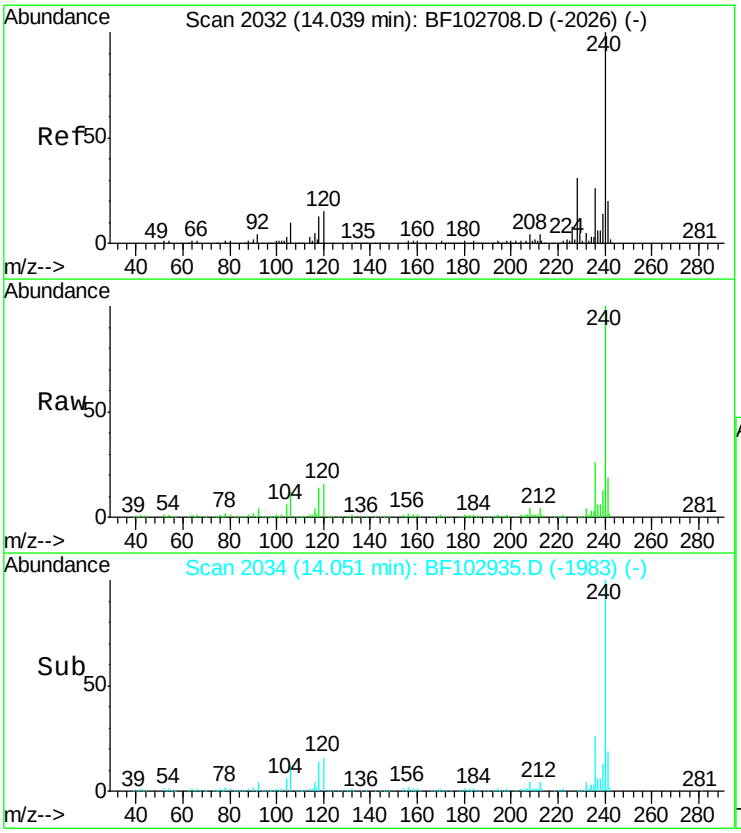
#66
4-Bromophenyl-phenylether
Concen: 3.15 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF102935.D
Acq: 12 Feb 2018 22:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12801

Ion	Ratio	Lower	Upper
248	100		
250	199.1	76.9	115.3#
141	641.0	74.4	111.6#

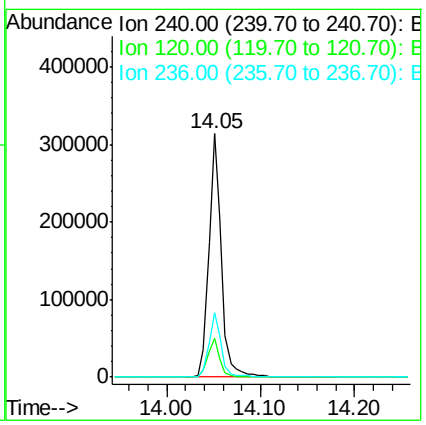


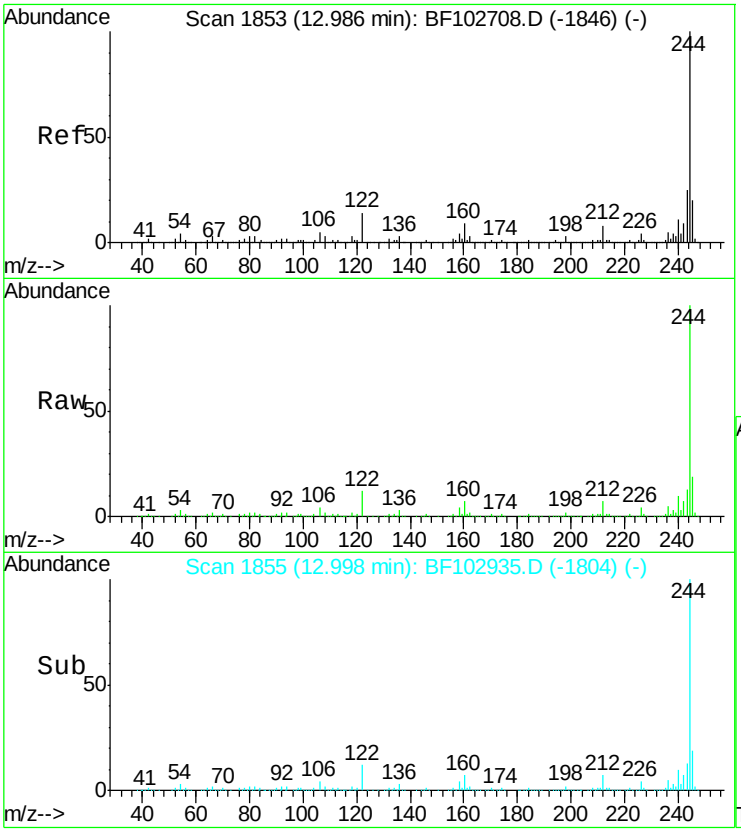


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF102935.D
Acq: 12 Feb 2018 22:46

Tgt Ion:240 Resp: 296670

Ion	Ratio	Lower	Upper
240	100		
120	15.8	9.5	14.3#
236	26.4	20.7	31.1



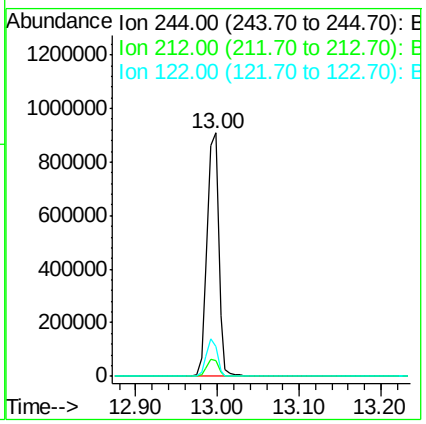


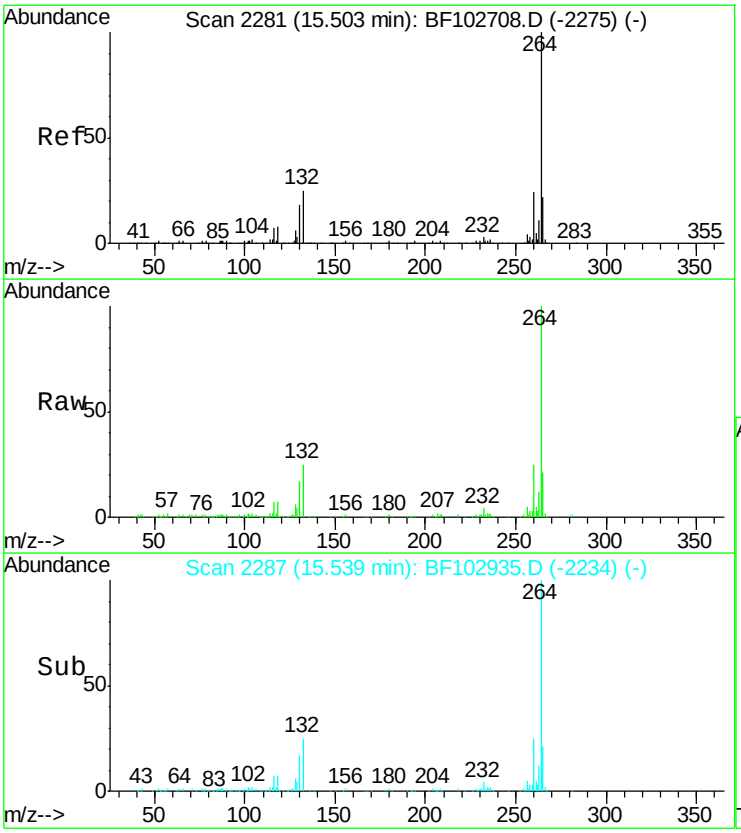
#78
Terphenyl-d14
Concen: 71.47 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF102935.D
Acq: 12 Feb 2018 22:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 895474

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.4	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102935.D
Acq: 12 Feb 2018 22:46

Tgt Ion:264 Resp: 260327

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.1	17.5	26.3