Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
Data File : BF102814.D
Acq On : 7 Feb 2018 14:41
Operator : SJ/JU
Sample : J1455-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 08 02:15:00 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	179256	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	748417	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	339961	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	606351	20.00	ng	0.00
75) Chrysene-d12	14.04	240	466874	20.00	ng	0.00
86) Perylene-d12	15.52	264	364557	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	699370	59.25	ng	0.00
7) Phenol-d6	6.50	99	532388	37.46	ng	0.00
23) Nitrobenzene-d5	7.45	82	1034265	95.87	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	384419	140.49	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1754066	85.62	ng	0.00
78) Terphenyl-d14	12.99	244	1621523	82.24	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.65	77	24568	2.33	ng	# 73
19) n-Nitroso-di-n-propylamine	7.45	70	137979	14.72	ng	# 82
25) Isophorone	7.45	82	1034254	41.63	ng	# 64
26) 2-Nitrophenol	7.70	139	414	8.73	ng	# 34
47) 2-Nitroaniline	9.44	65	566	3.55	ng	# 2
50) 2,6-Dinitrotoluene	9.92	165	44662	8.86	ng	# 26
55) 4-Nitrophenol	10.02	139	474	4.11	ng	# 13
56) 2,4-Dinitrotoluene	9.92	165	44662	9.26	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.71	198	687	9.04	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	25173	3.92	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
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Acq On : 7 Feb 2018 14:41
Operator : SJ/JU
Sample : J1455-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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BNA_F
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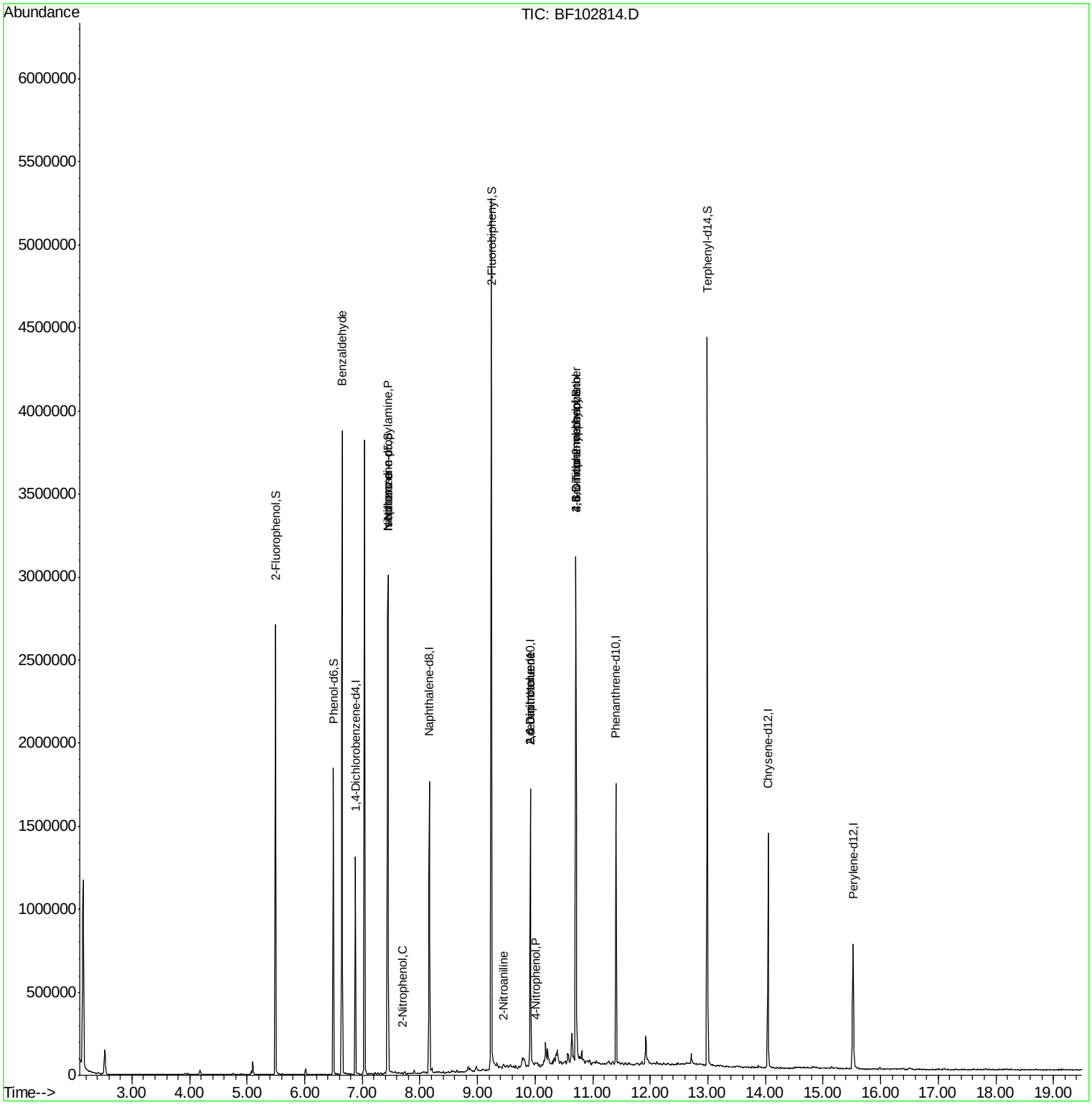
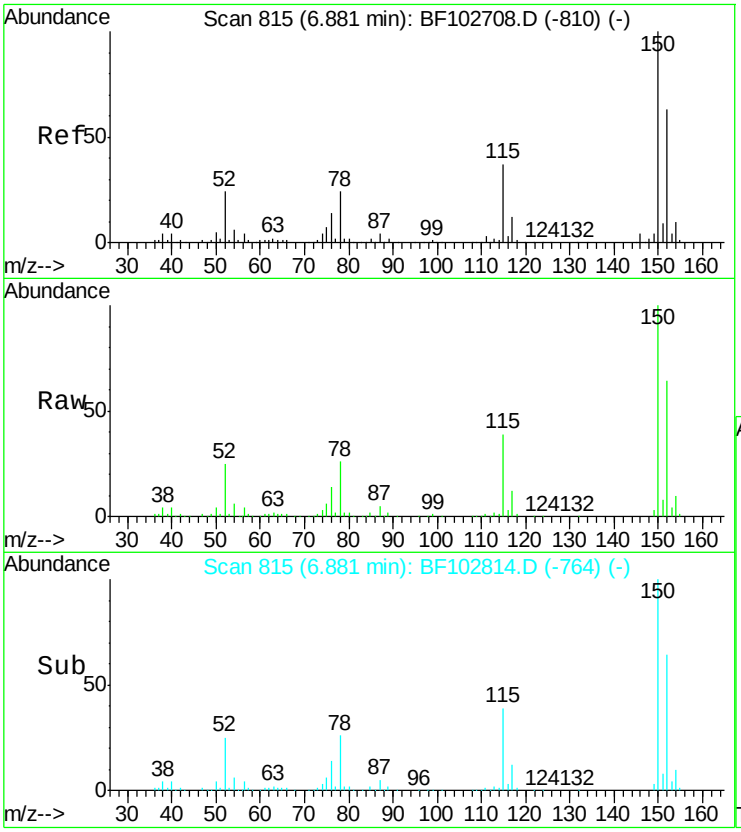


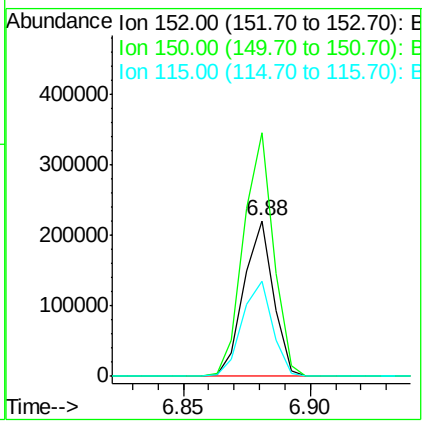


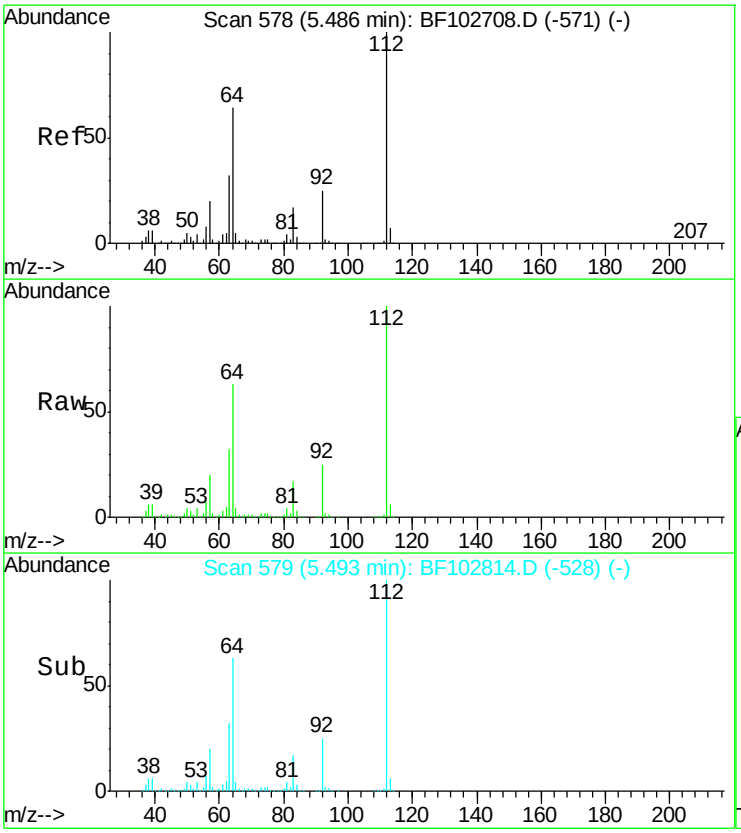
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102814.D
Acq: 7 Feb 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 179256

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	61.2	50.1	75.1

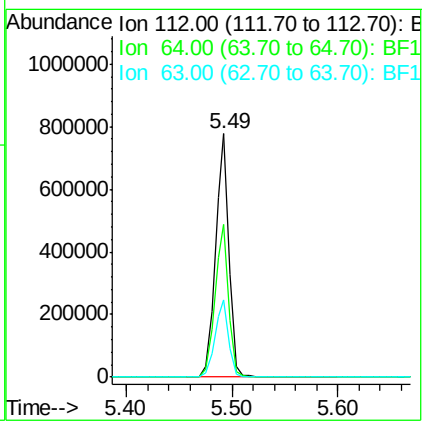


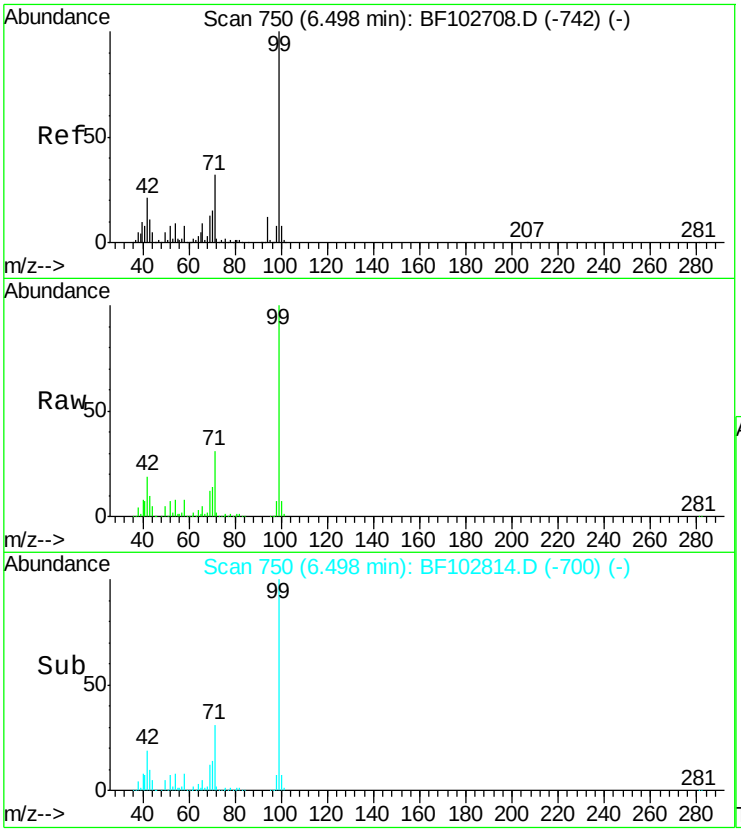


#5
2-Fluorophenol
Concen: 59.25 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF102814.D
Acq: 7 Feb 2018 14:41

Tgt Ion:112 Resp: 699370

Ion	Ratio	Lower	Upper
112	100		
64	62.9	47.9	71.9
63	31.7	23.7	35.5



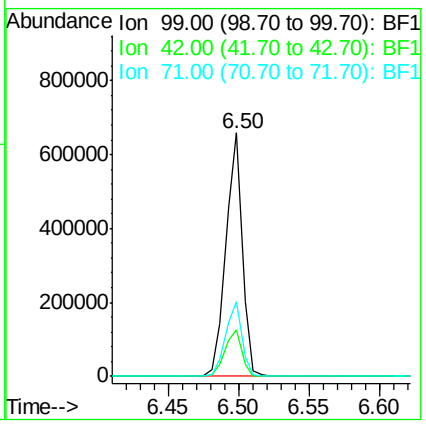


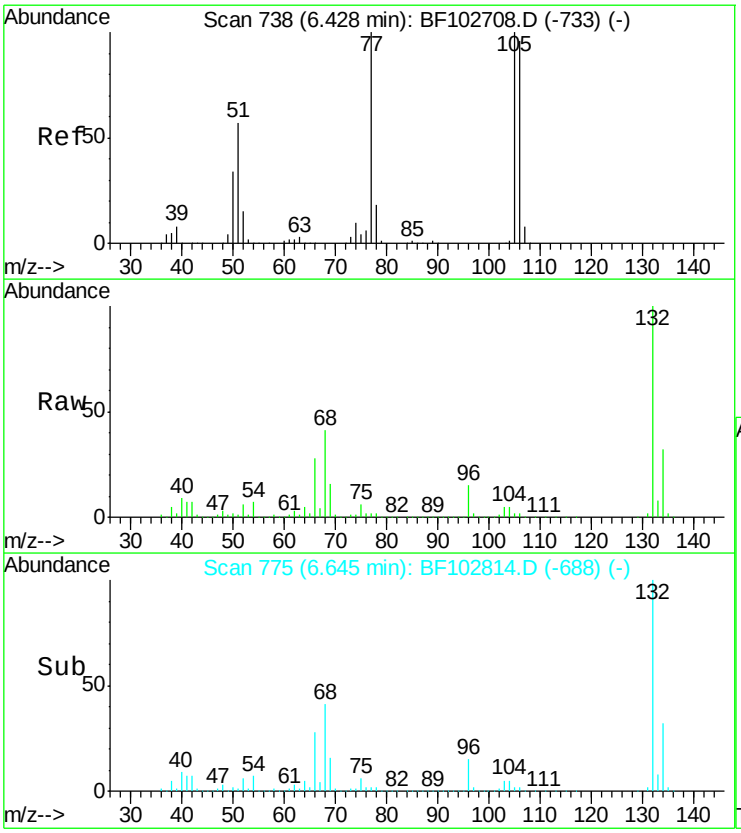
#7
Phenol-d6
Concen: 37.46 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF102814.D
Acq: 7 Feb 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 532388

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	30.9	25.4	38.0

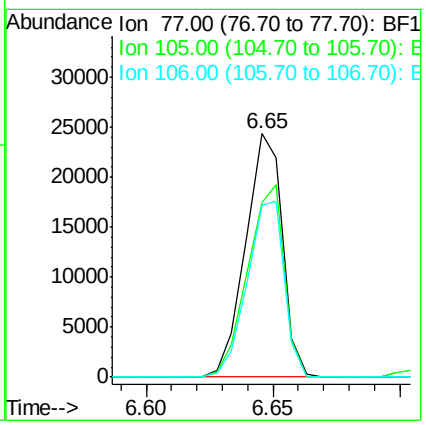


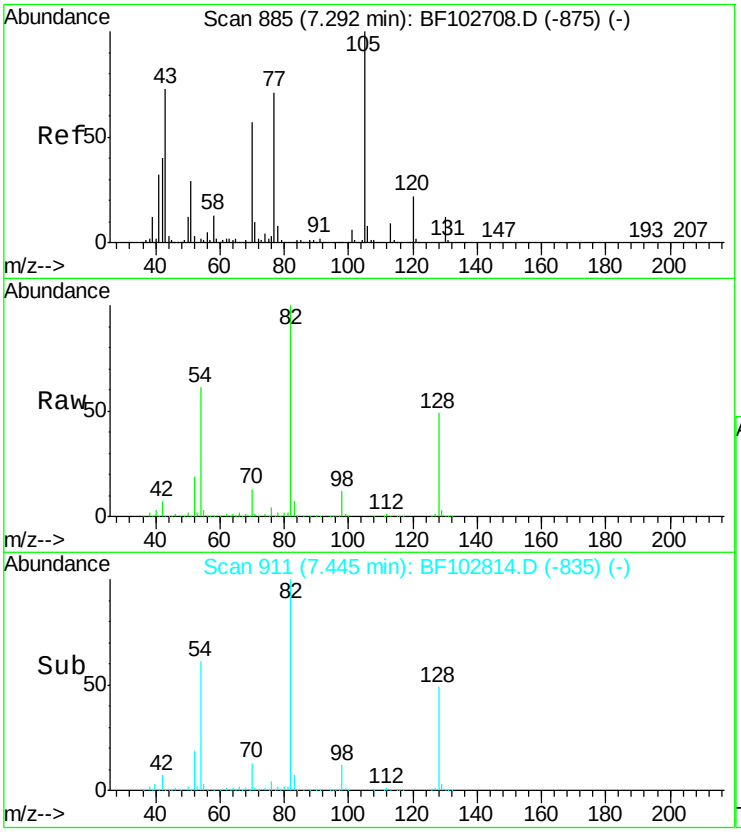


#9
Benzaldehyde
Concen: 2.33 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.21 min
Lab File: BF102814.D
Acq: 7 Feb 2018 14:41

Tgt Ion: 77 Resp: 24568

Ion	Ratio	Lower	Upper
77	100		
105	71.8	81.1	121.1#
106	70.5	74.5	114.5#



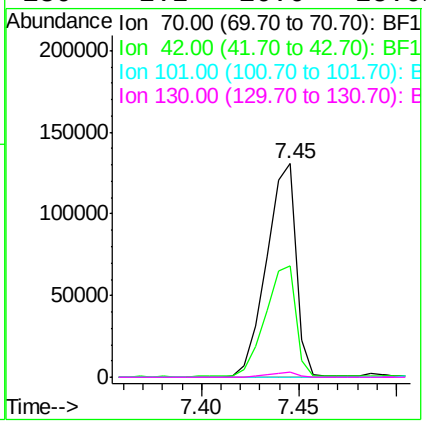


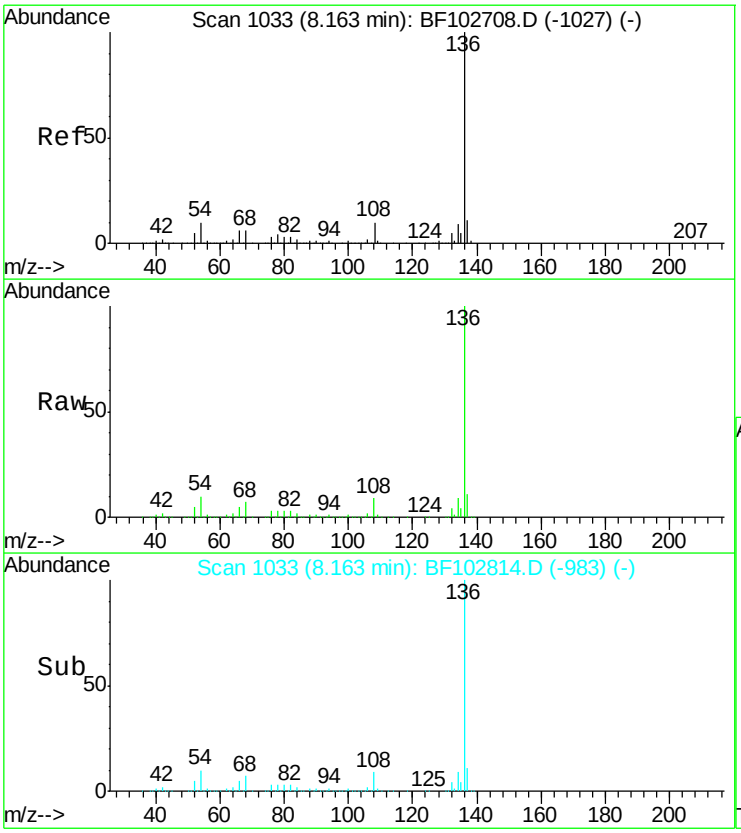
#19
n-Nitroso-di-n-propylamine
Concen: 14.72 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF102814.D
Acq: 7 Feb 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 137979

Ion	Ratio	Lower	Upper
70	100		
42	52.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

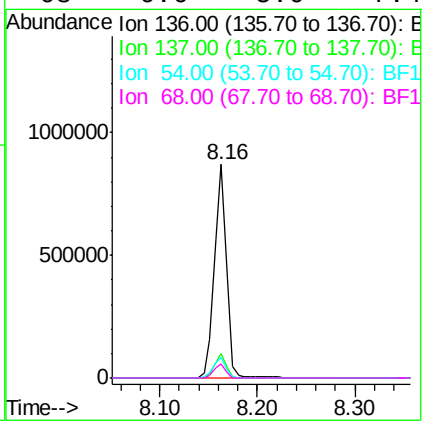


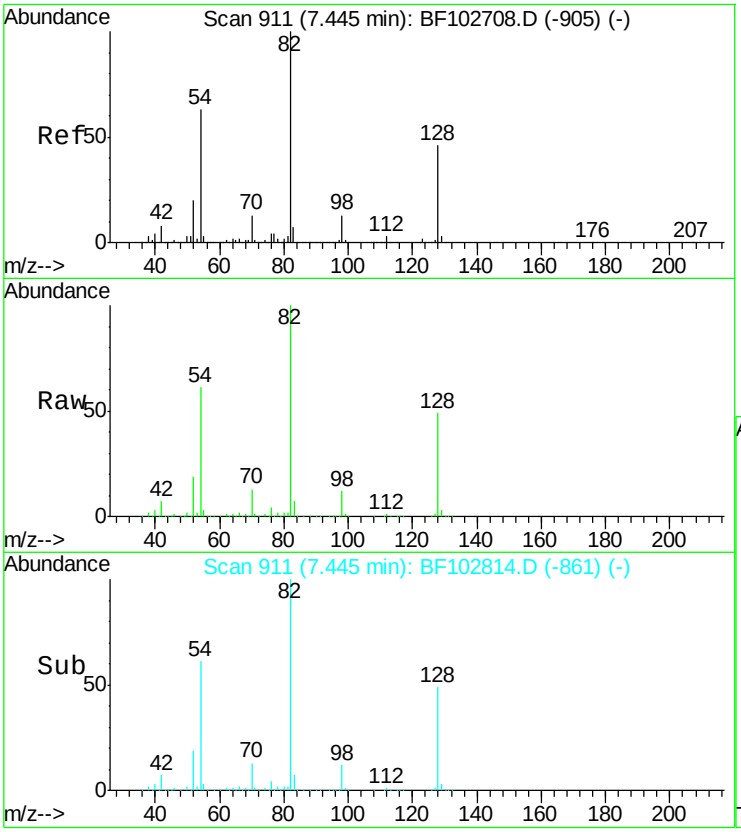


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102814.D
Acq: 7 Feb 2018 14:41

Tgt Ion:136 Resp: 748417

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



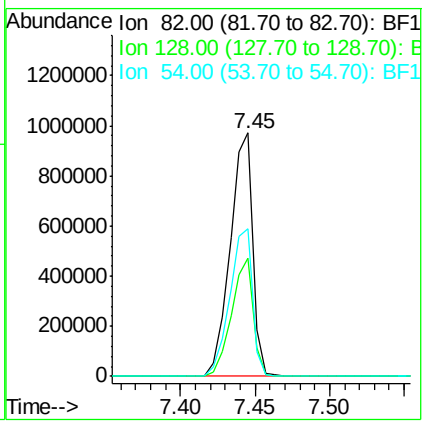


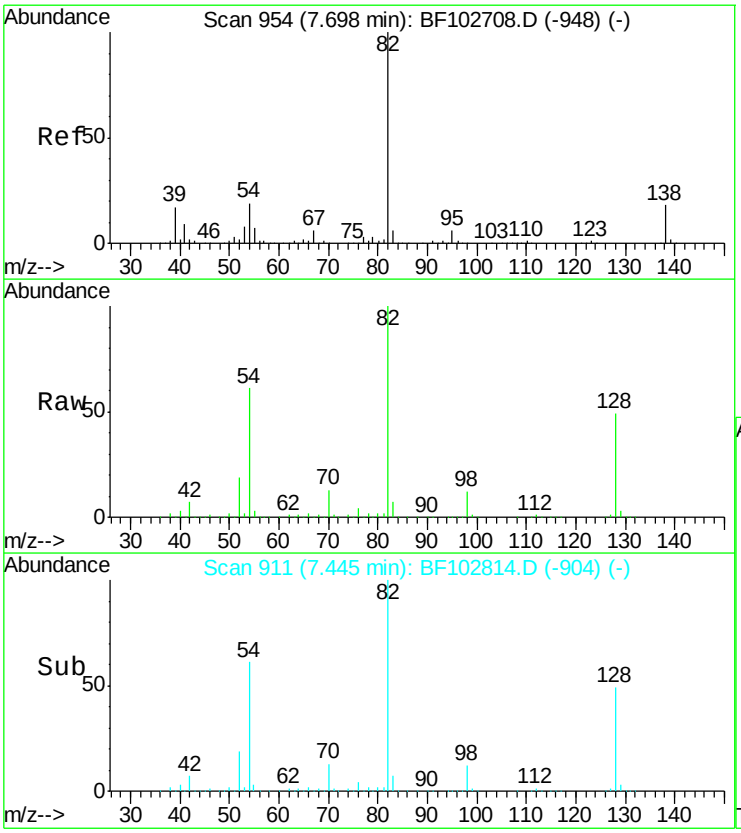
#23
Nitrobenzene-d5
Concen: 95.87 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102814.D
Acq: 7 Feb 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1034265

Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.1	54.1
54	60.6	41.4	62.2

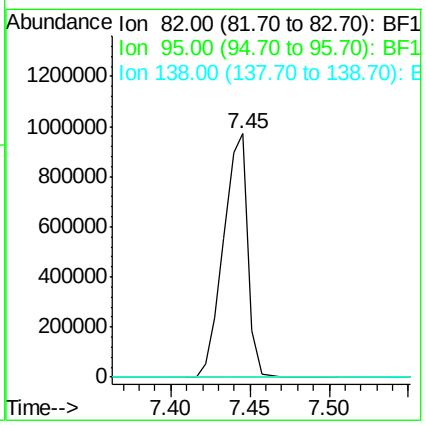


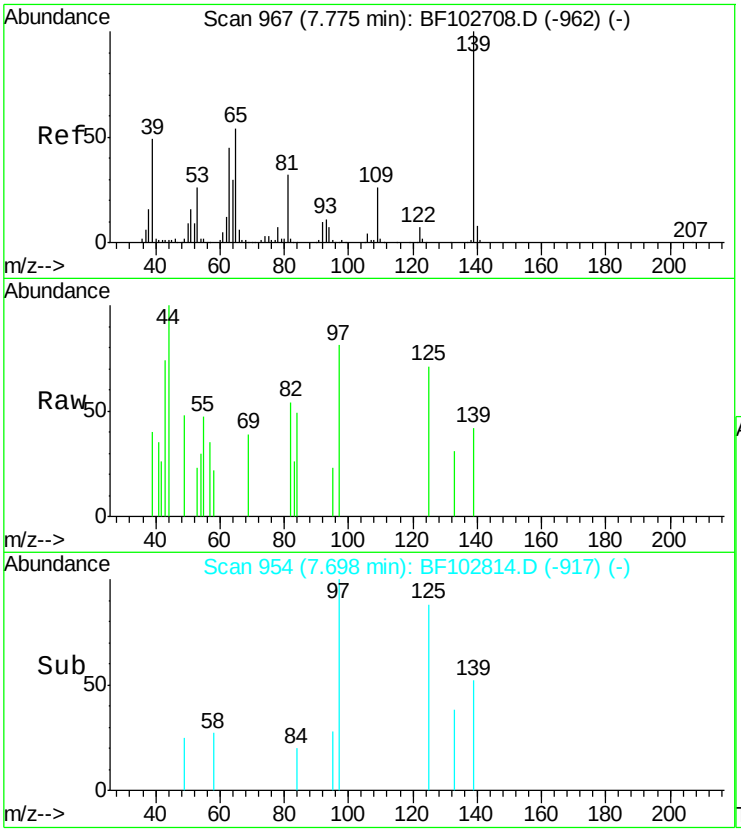


#25
Isophorone
Concen: 41.63 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF102814.D
Acq: 7 Feb 2018 14:41

Tgt Ion: 82 Resp: 1034254

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



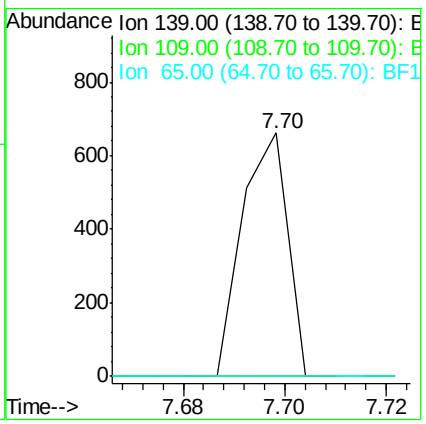


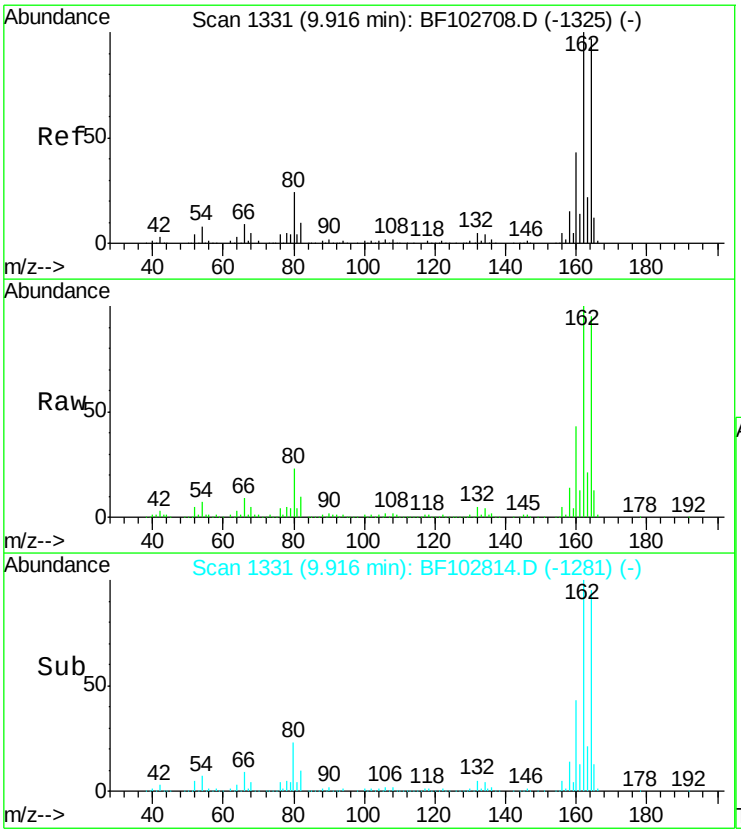
#26
2-Nitrophenol
Concen: 8.73 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.08 min
Lab File: BF102814.D
Acq: 7 Feb 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 414

Ion	Ratio	Lower	Upper
139	100		
109	0.0	22.7	34.1#
65	0.0	40.5	60.7#

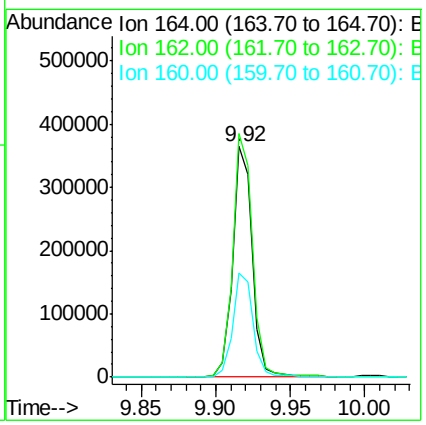


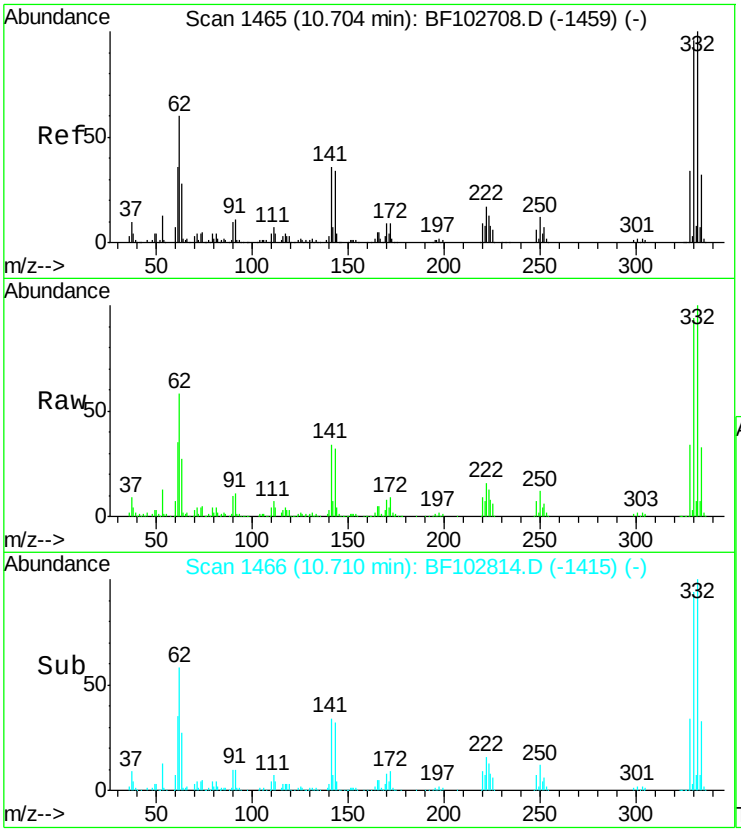


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF102814.D
Acq: 7 Feb 2018 14:41

Tgt Ion:164 Resp: 339961

Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	45.0	38.3	57.5



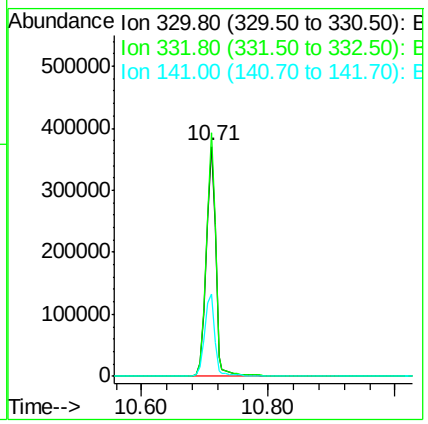


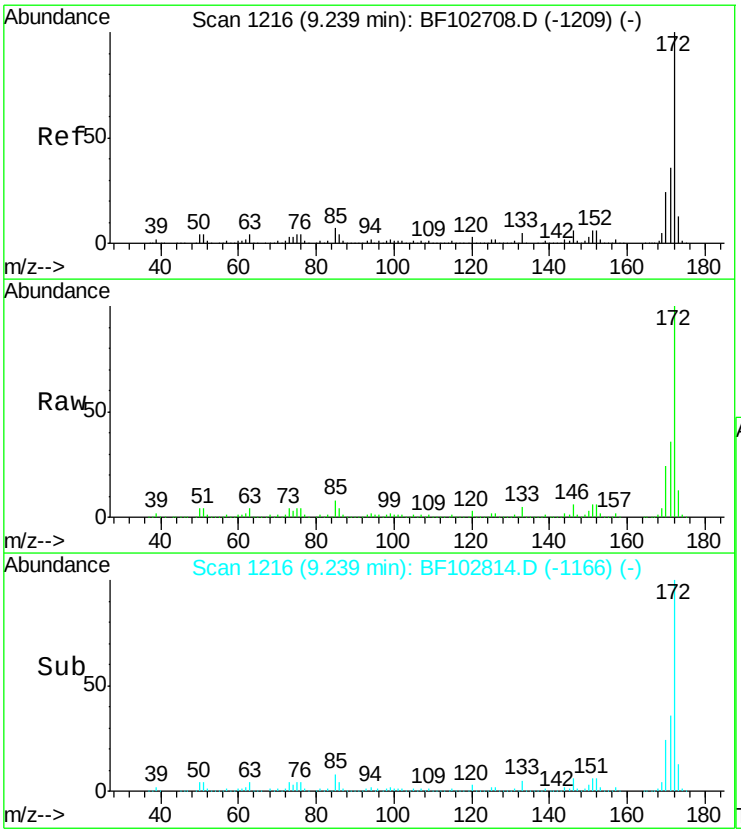
#41
2,4,6-Tribromophenol
Concen: 140.49 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF102814.D
Acq: 7 Feb 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 384419

Ion	Ratio	Lower	Upper
330	100		
332	103.2	77.0	115.6
141	37.7	29.9	44.9

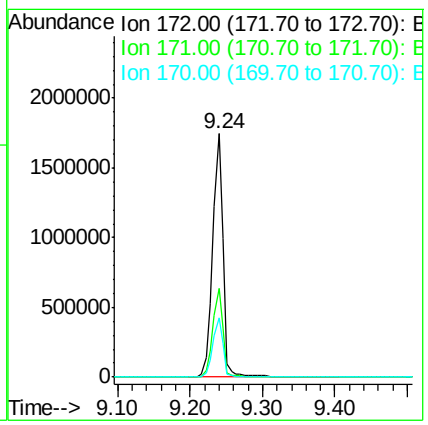


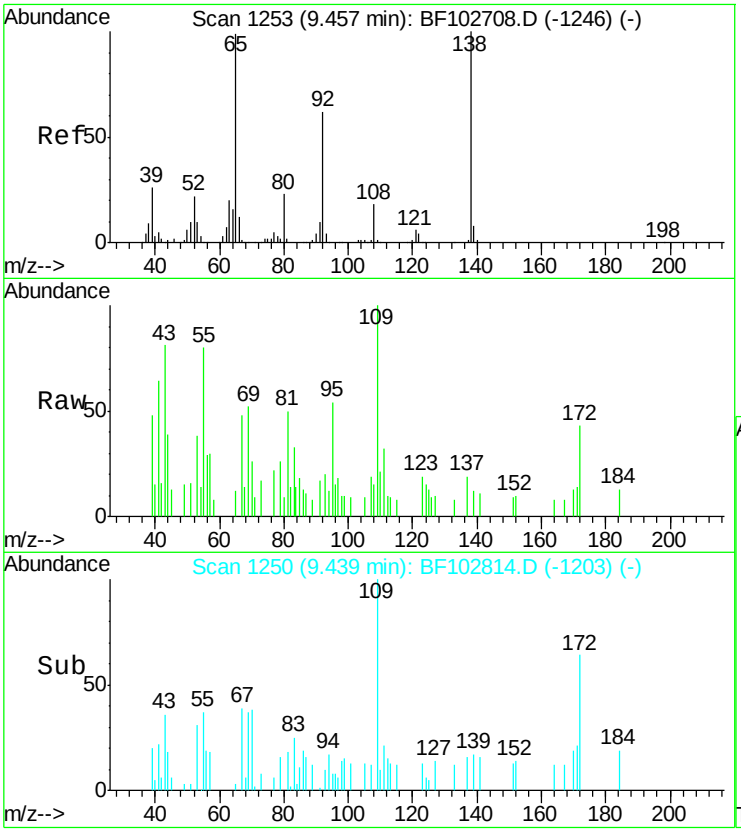


#44
2-Fluorobiphenyl
Concen: 85.62 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102814.D
Acq: 7 Feb 2018 14:41

Tgt Ion:172 Resp: 1754066

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.5	19.6	29.4



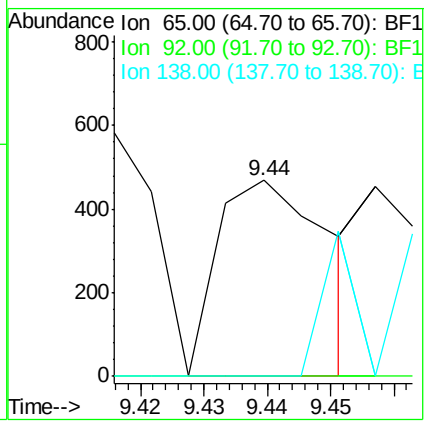


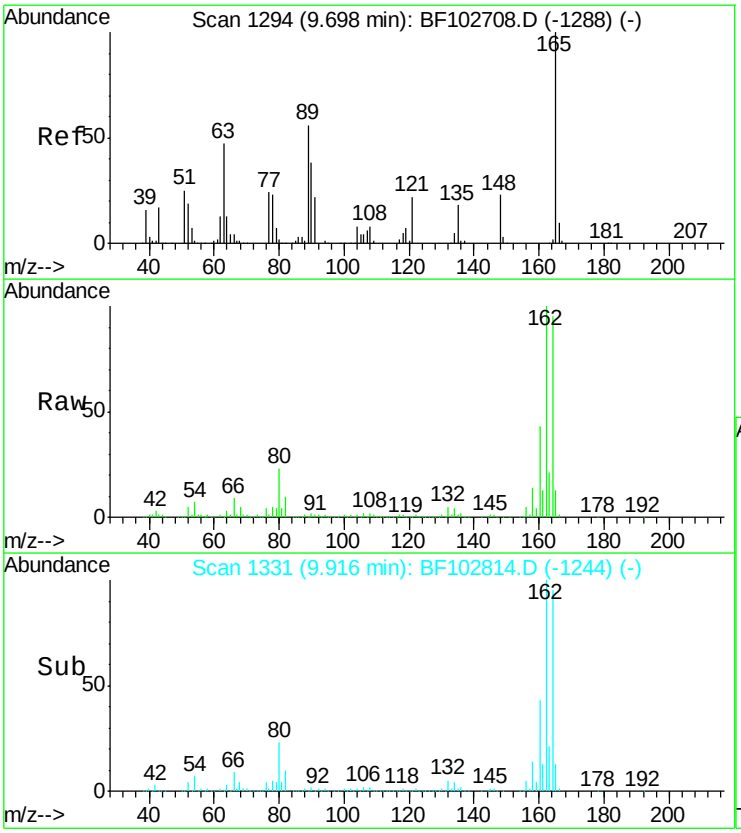
#47
2-Nitroaniline
Concen: 3.55 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF102814.D
Acq: 7 Feb 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 566

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

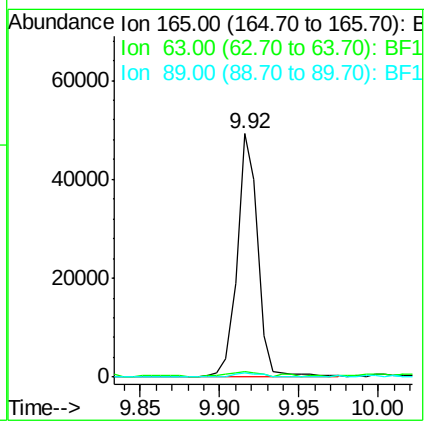


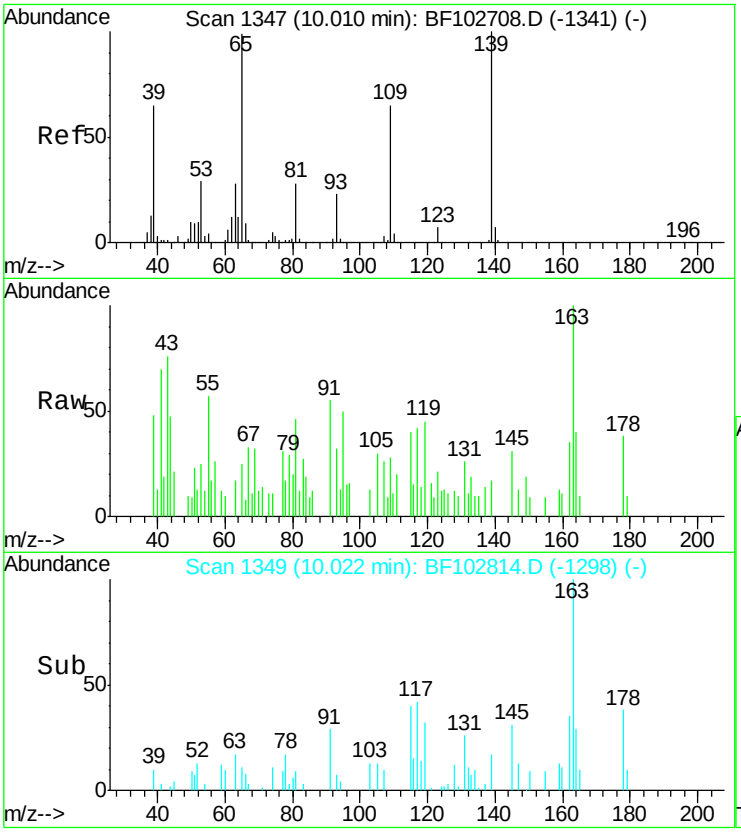


#50
2,6-Dinitrotoluene
Concen: 8.86 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF102814.D
Acq: 7 Feb 2018 14:41

Tgt Ion:165 Resp: 44662

Ion	Ratio	Lower	Upper
165	100		
63	2.5	44.7	67.1#
89	1.6	44.0	66.0#



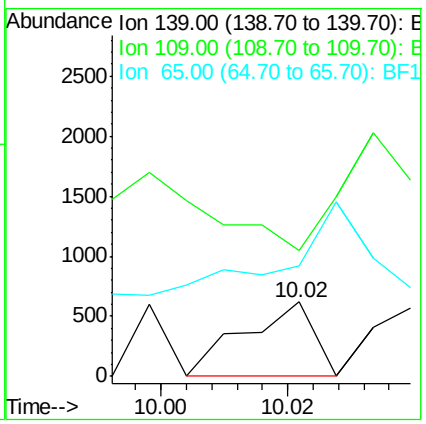


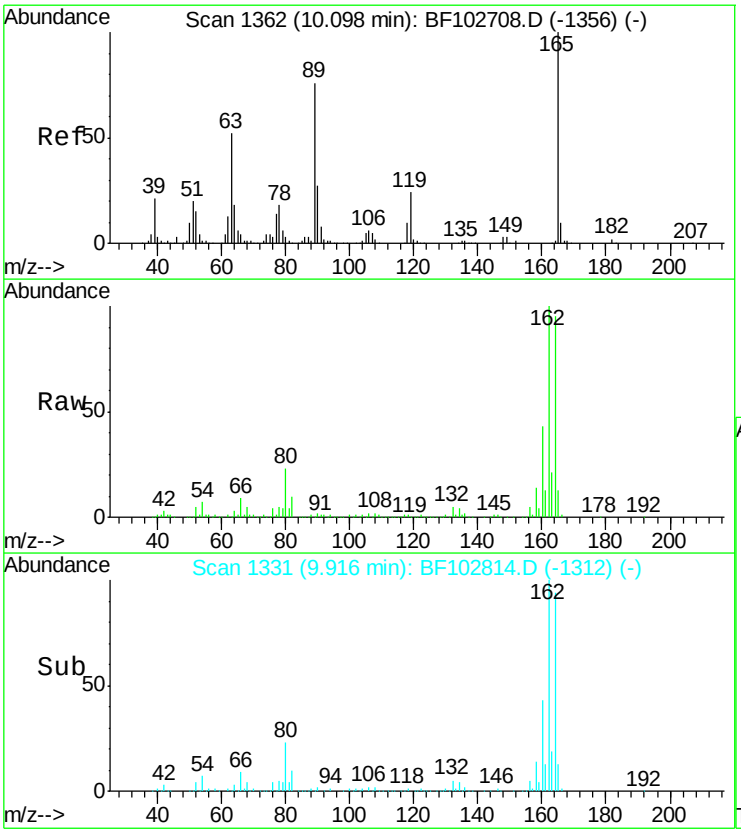
#55
4-Nitrophenol
Concen: 4.11 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF102814.D
Acq: 7 Feb 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 474

Ion	Ratio	Lower	Upper
139	100		
109	169.1	48.4	88.4#
65	149.4	72.6	112.6#

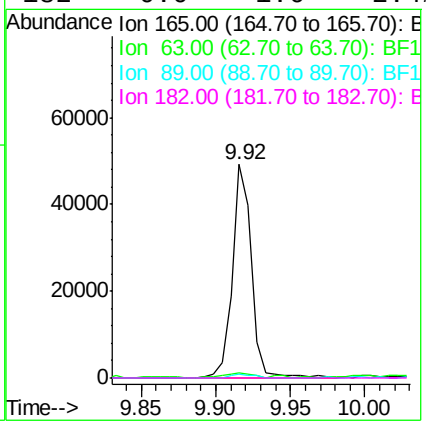


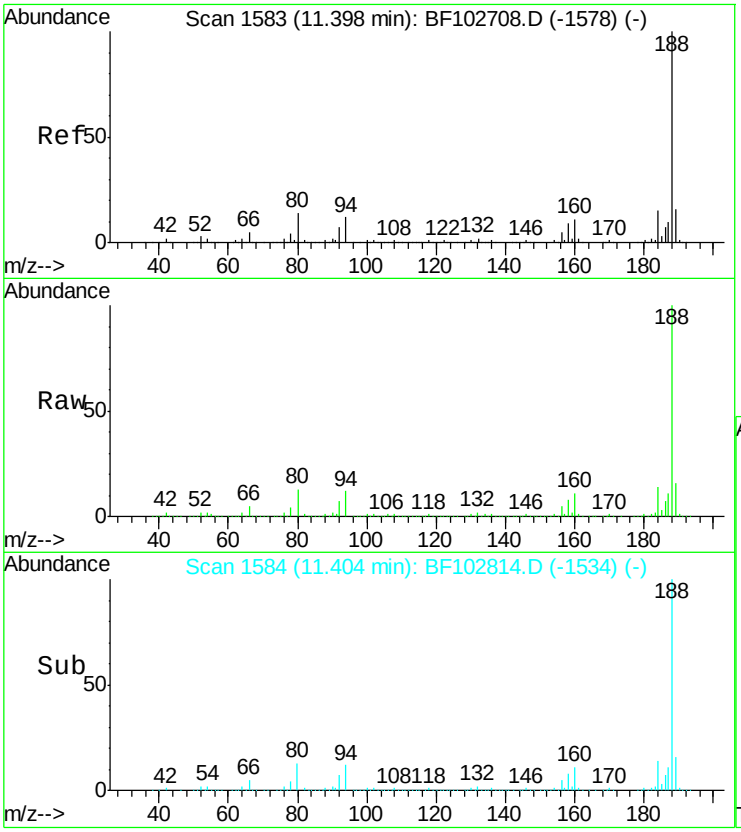


#56
2,4-Dinitrotoluene
Concen: 9.26 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF102814.D
Acq: 7 Feb 2018 14:41

Tgt Ion:165 Resp: 44662

Ion	Ratio	Lower	Upper
165	100		
63	2.5	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



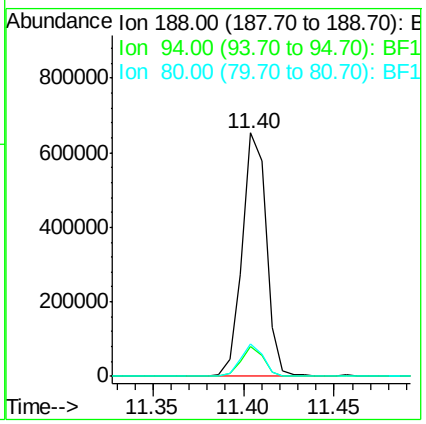


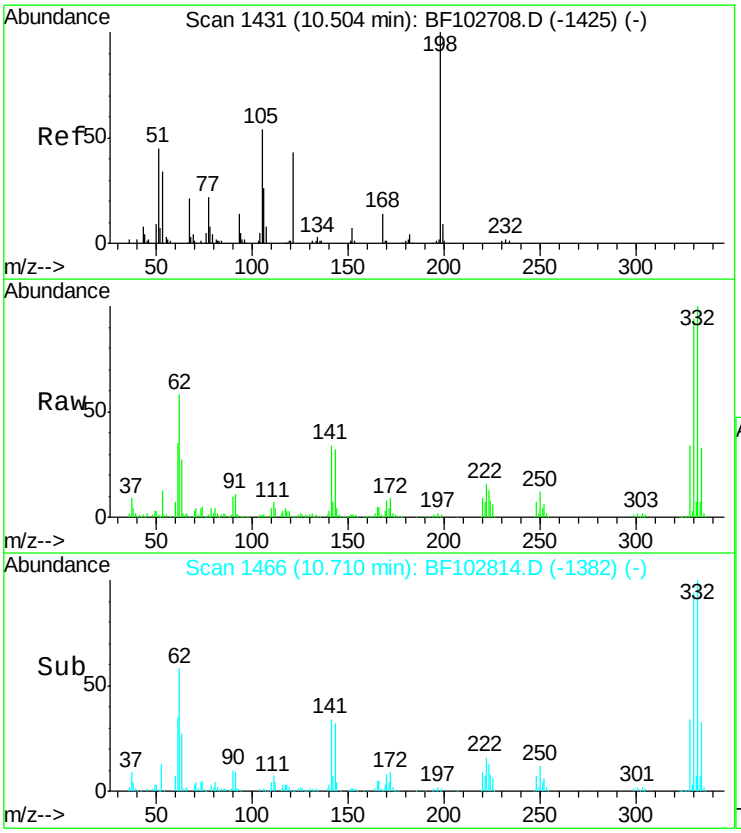
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF102814.D
Acq: 7 Feb 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 606351

Ion	Ratio	Lower	Upper
188	100		
94	12.3	8.5	12.7
80	13.2	9.2	13.8

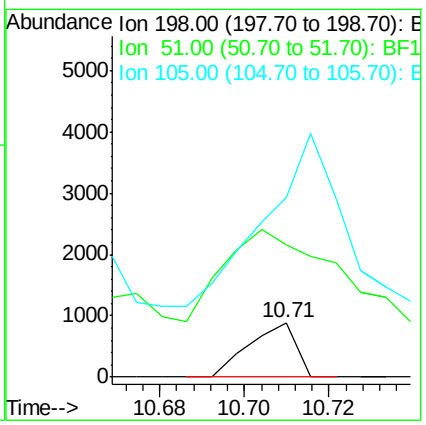


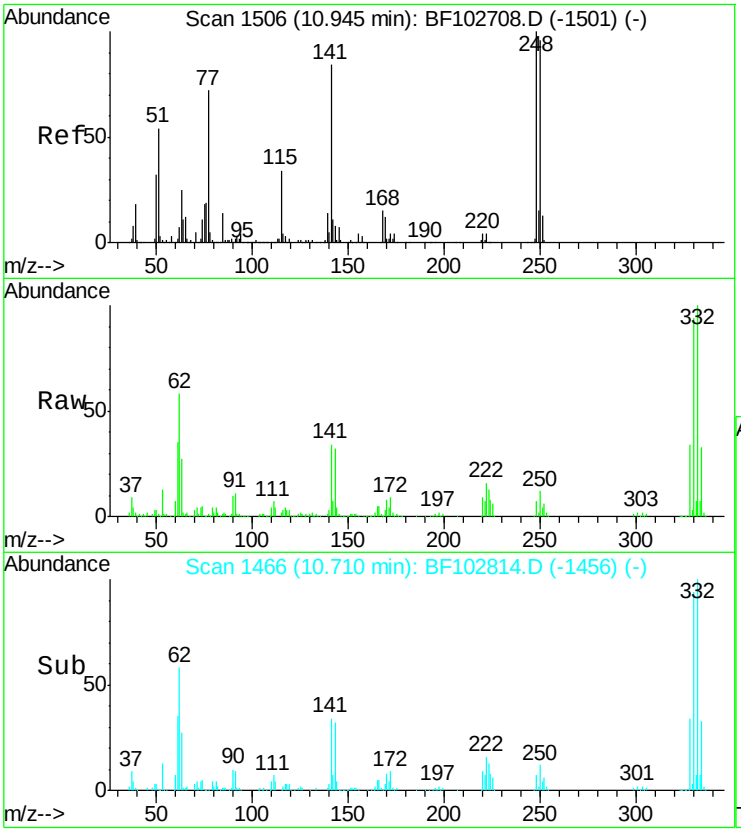


#64
4,6-Dinitro-2-methylphenol
Concen: 9.04 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF102814.D
Acq: 7 Feb 2018 14:41

Tgt Ion:198 Resp: 687

Ion	Ratio	Lower	Upper
198	100		
51	243.7	37.7	77.7#
105	332.6	36.3	76.3#



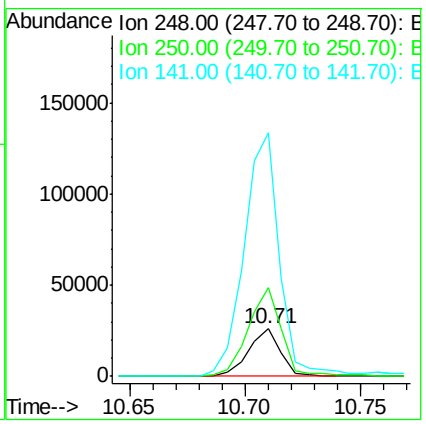


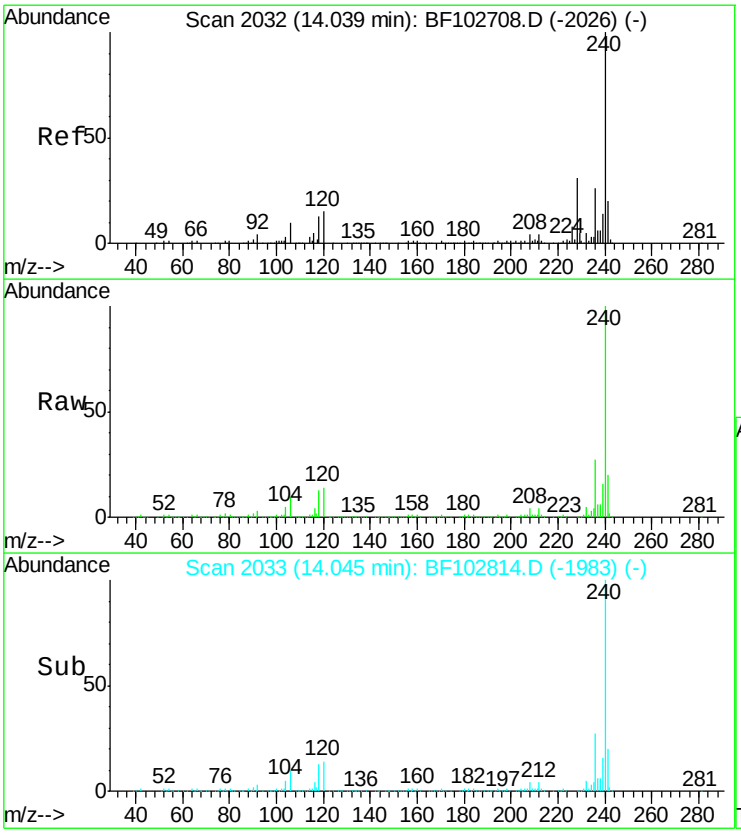
#66
4-Bromophenyl-phenylether
Concen: 3.92 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF102814.D
Acq: 7 Feb 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 25173

Ion	Ratio	Lower	Upper
248	100		
250	186.9	76.9	115.3#
141	512.8	74.4	111.6#

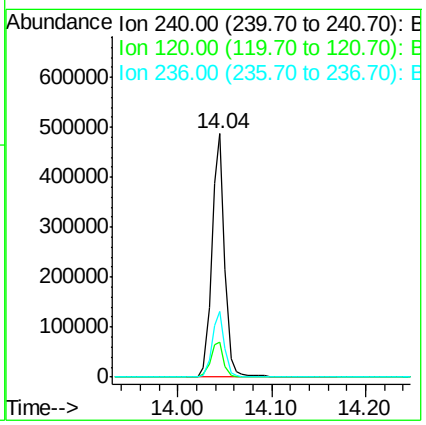


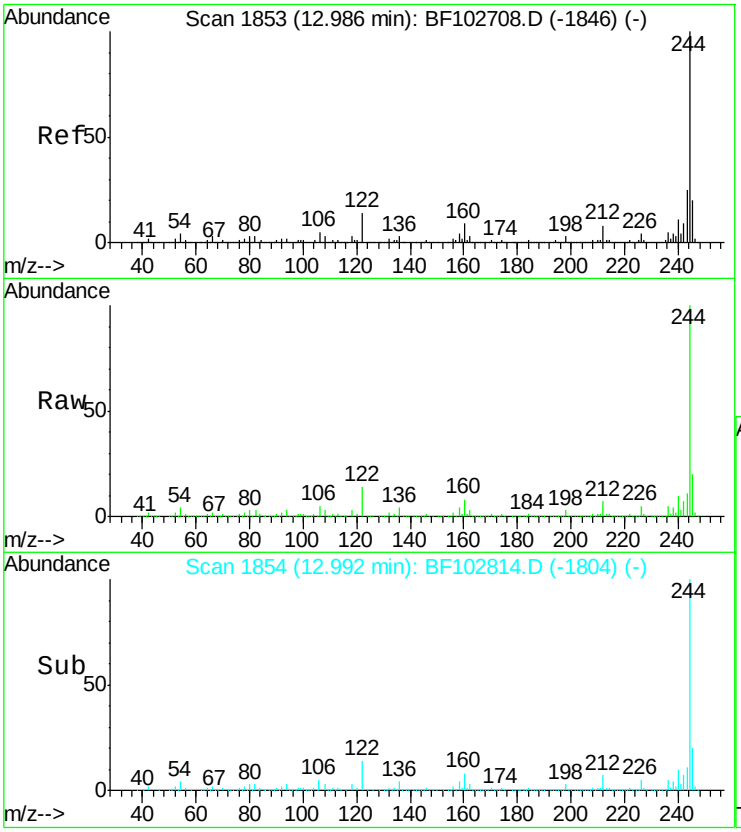


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF102814.D
Acq: 7 Feb 2018 14:41

Tgt Ion:240 Resp: 466874

Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	27.0	20.7	31.1



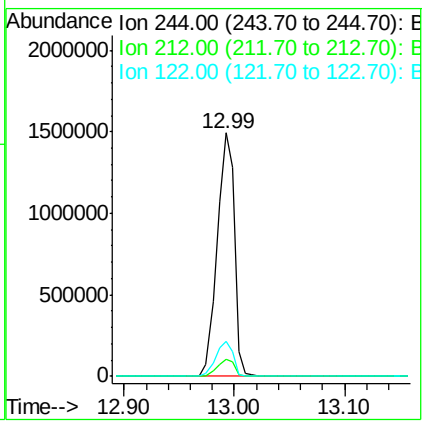


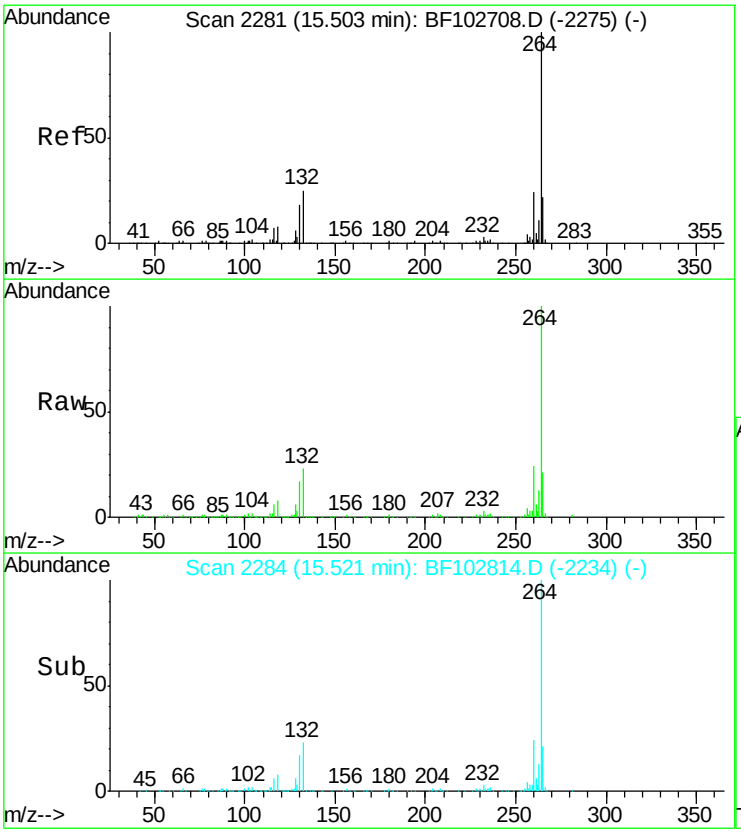
#78
Terphenyl-d14
Concen: 82.24 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF102814.D
Acq: 7 Feb 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1621523

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.4	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF102814.D
Acq: 7 Feb 2018 14:41

Tgt Ion:264 Resp: 364557

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.2	17.5	26.3