Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104343.D
Acq On : 7 Apr 2018 8:05
Operator : JU/SJ
Sample : J2225-18
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 040218-JETT-F-D-M

Quant Time: Apr 09 00:48:02 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 16:44:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	137909	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	545576	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	233003	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	336547	20.00	ng	0.00
75) Chrysene-d12	13.97	240	276258	20.00	ng	0.00
86) Perylene-d12	15.42	264	249481	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	362072	40.14	ng	0.00
7) Phenol-d6	6.42	99	270264	24.39	ng	-0.01
23) Nitrobenzene-d5	7.37	82	865901	103.64	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	188676	78.06	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1413444	95.83	ng	0.00
78) Terphenyl-d14	12.92	244	1028710	84.89	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	113621	15.690	ng	# 75
25) Isophorone	7.37	82	865380	48.980	ng	# 64
50) 2,6-Dinitrotoluene	9.84	165	29428	8.656	ng	# 25
56) 2,4-Dinitrotoluene	9.84	165	29428	6.599	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	339	7.522	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	11490	3.210	ng	# 1
76) Benzidine	12.92	184	13494	Below Cal		95

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

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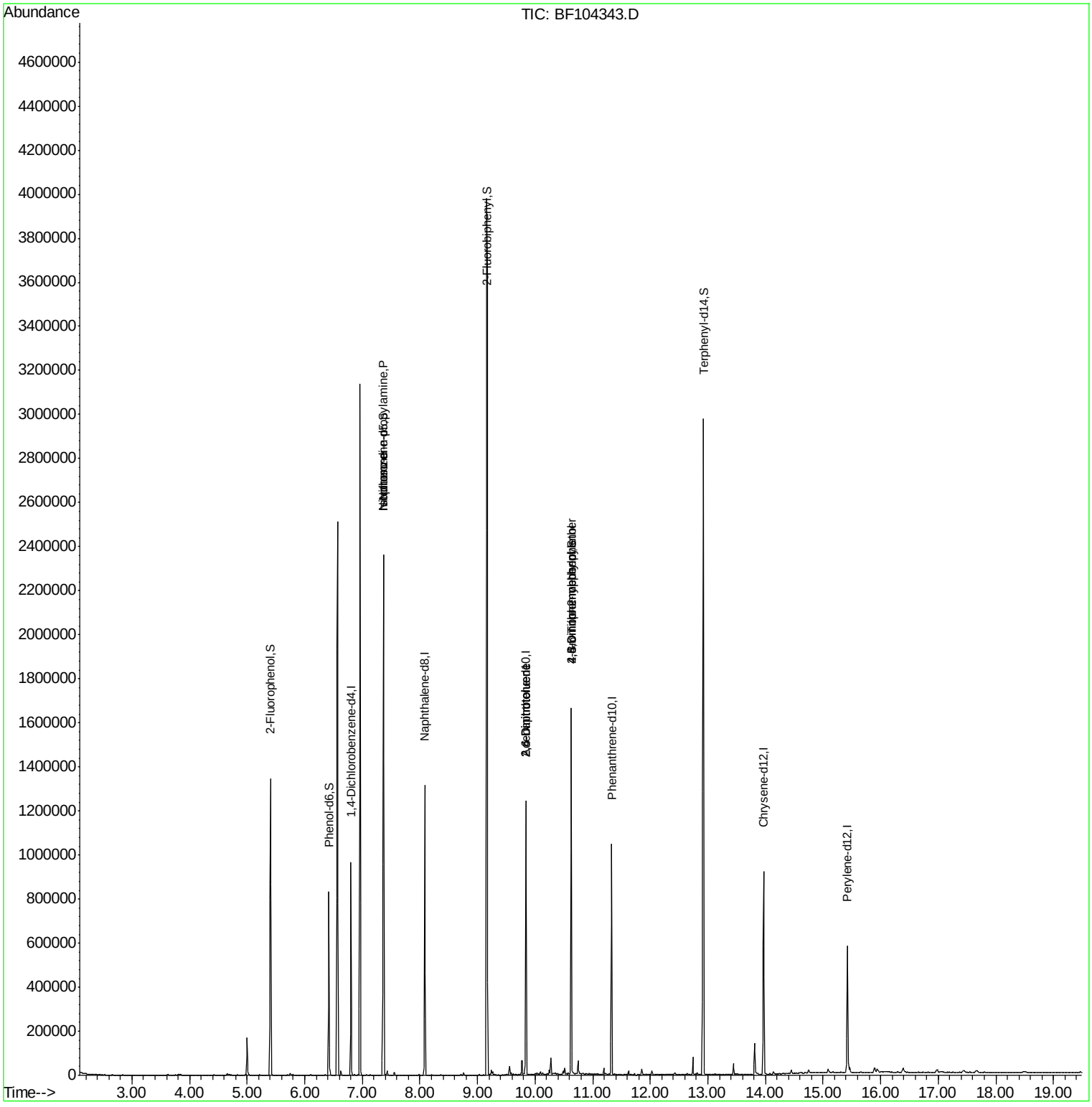
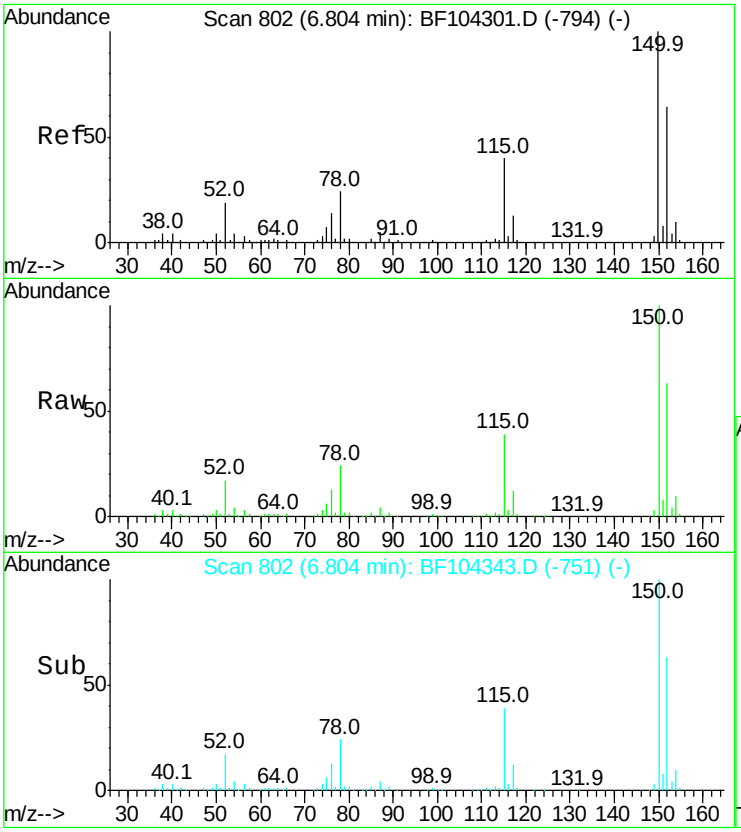


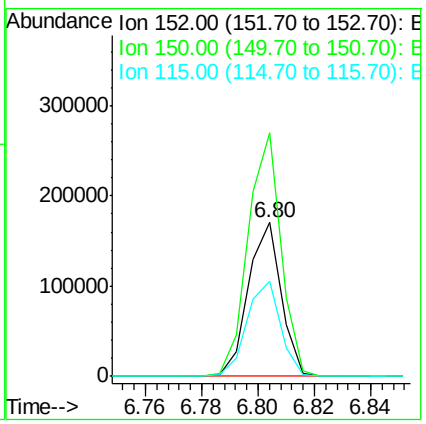


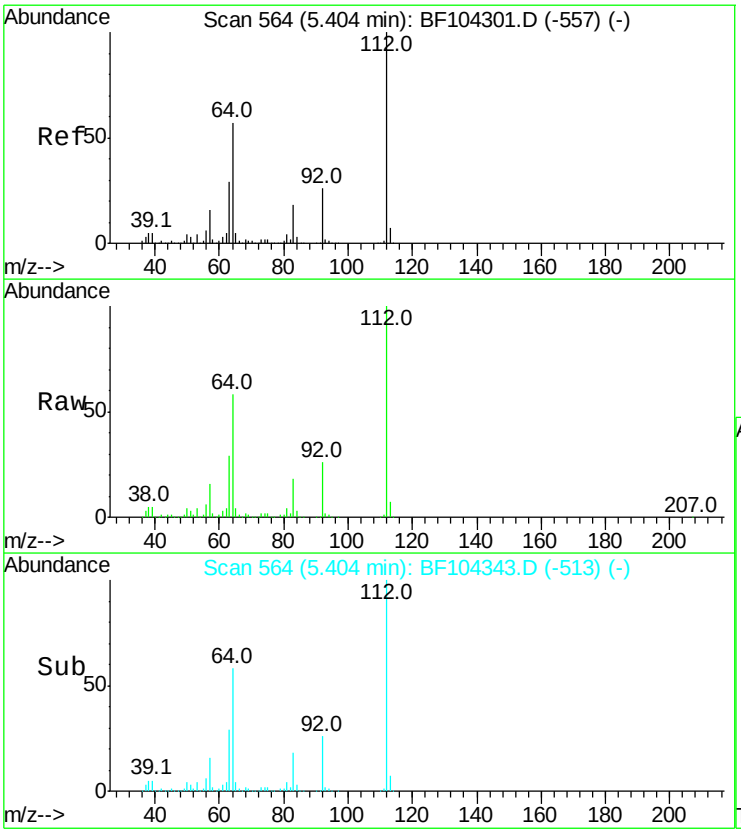
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104343.D
Acq: 7 Apr 2018 8:05

Instrument :
BNA_F
ClientSampleId :
040218-JETT-F-D-M

Tgt Ion:152 Resp: 137909

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	61.7	50.1	75.1

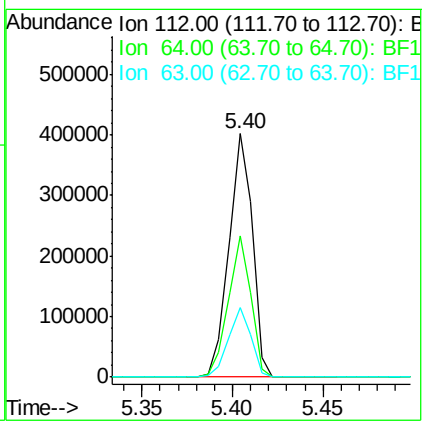


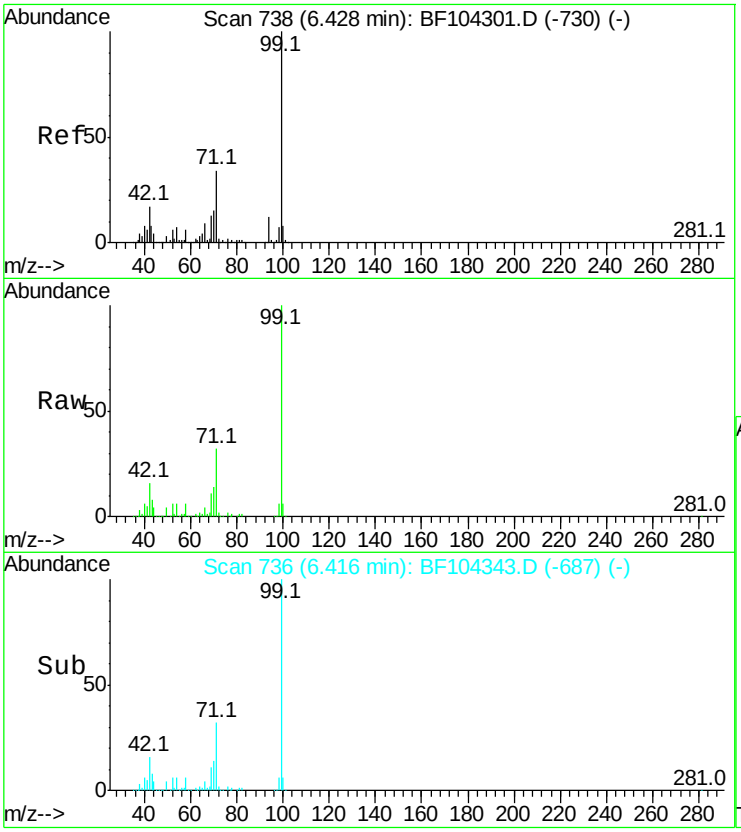


#5
2-Fluorophenol
Concen: 40.144 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF104343.D
Acq: 7 Apr 2018 8:05

Tgt Ion:112 Resp: 362072

Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.9	71.9
63	28.7	23.7	35.5



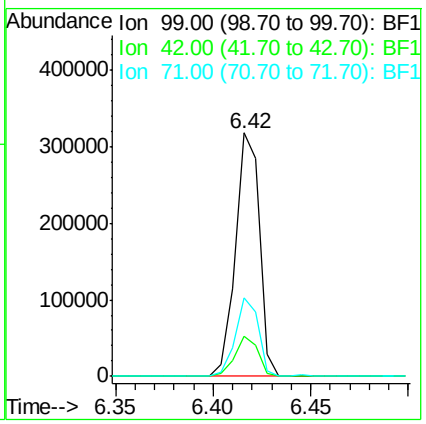


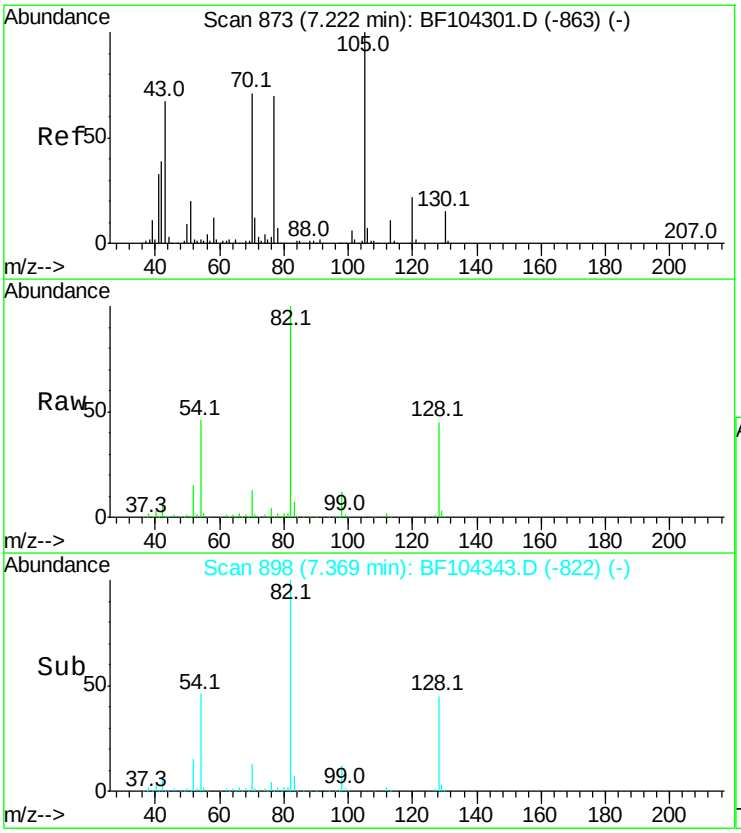
#7
Phenol-d6
Concen: 24.388 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF104343.D
Acq: 7 Apr 2018 8:05

Instrument :
BNA_F
ClientSampleId :
040218-JETT-F-D-M

Tgt Ion: 99 Resp: 270264

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	32.0	25.4	38.0

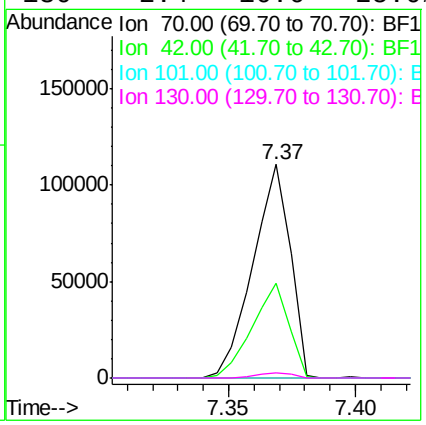


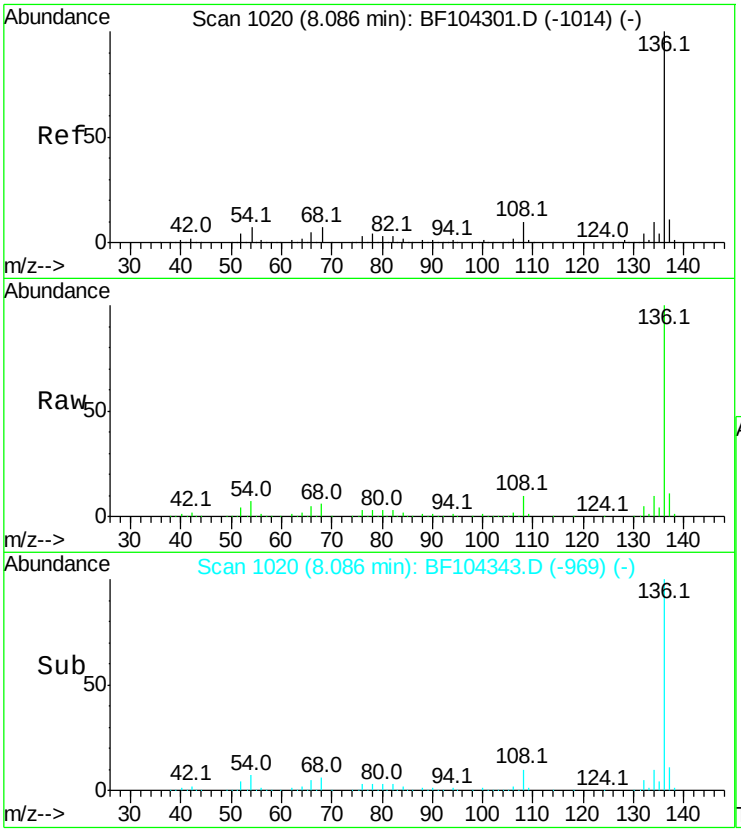


#19
n-Nitroso-di-n-propylamine
Concen: 15.690 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104343.D
Acq: 7 Apr 2018 8:05

Tgt Ion: 70 Resp: 113621

Ion	Ratio	Lower	Upper
70	100		
42	44.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



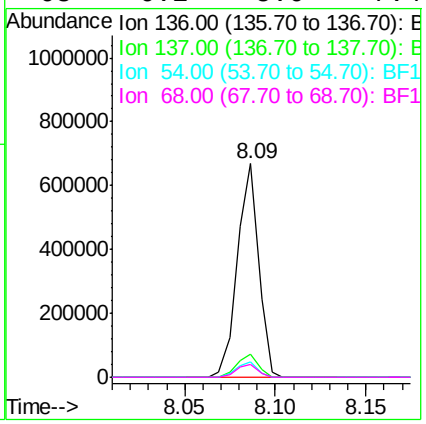


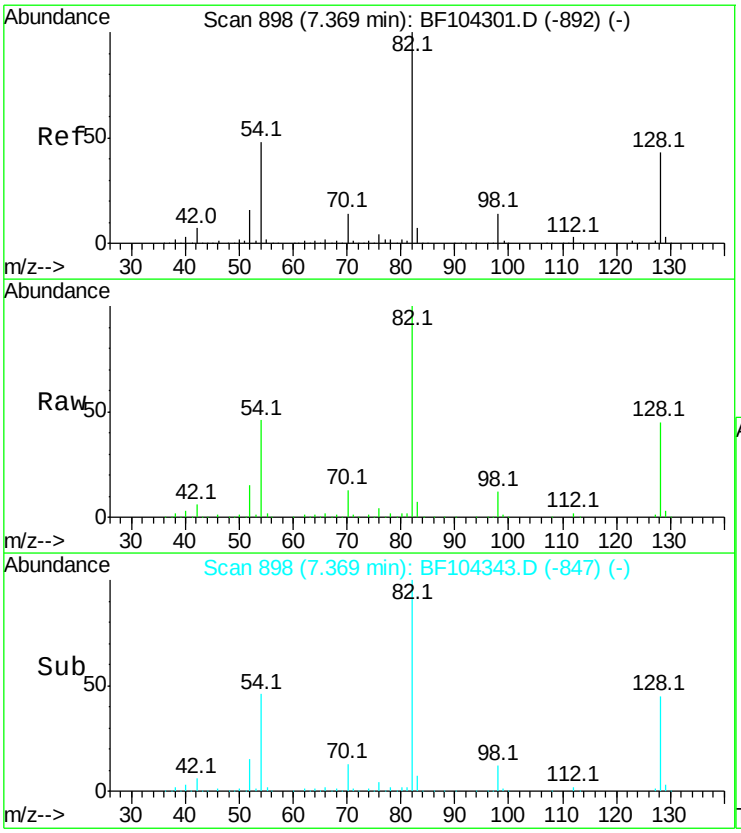
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104343.D
Acq: 7 Apr 2018 8:05

Instrument :
BNA_F
ClientSampleId :
040218-JETT-F-D-M

Tgt Ion:136 Resp: 545576

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.9	6.6	9.8
68	6.2	5.0	7.4

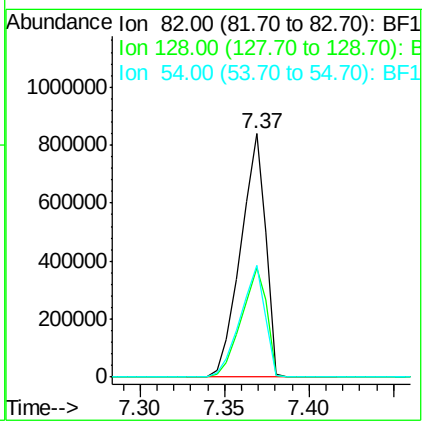


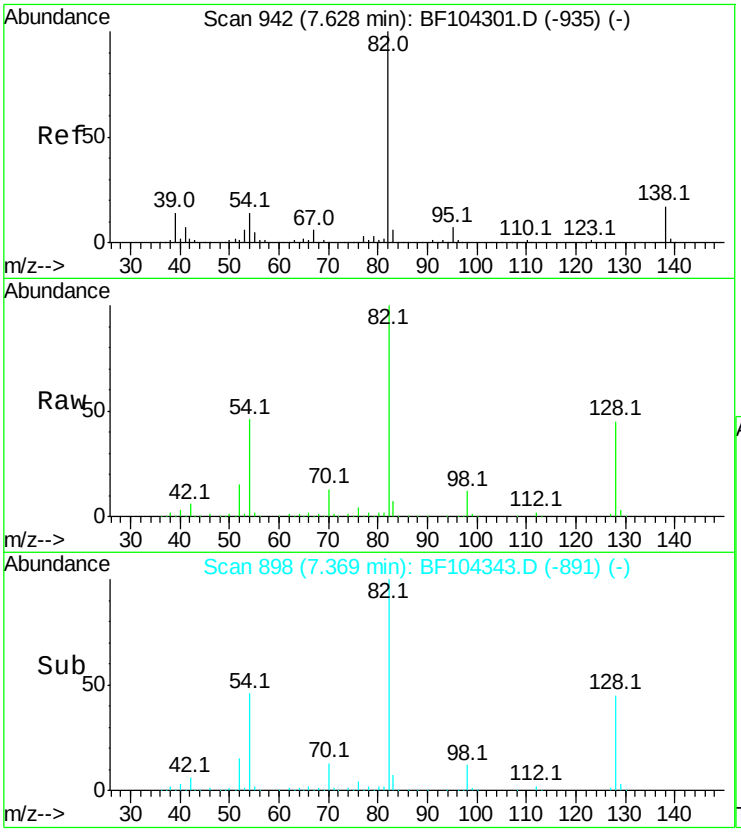


#23
Nitrobenzene-d5
Concen: 103.637 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104343.D
Acq: 7 Apr 2018 8:05

Tgt Ion: 82 Resp: 865901

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	45.7	41.4	62.2



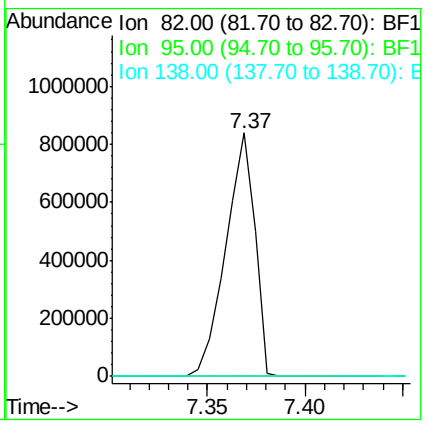


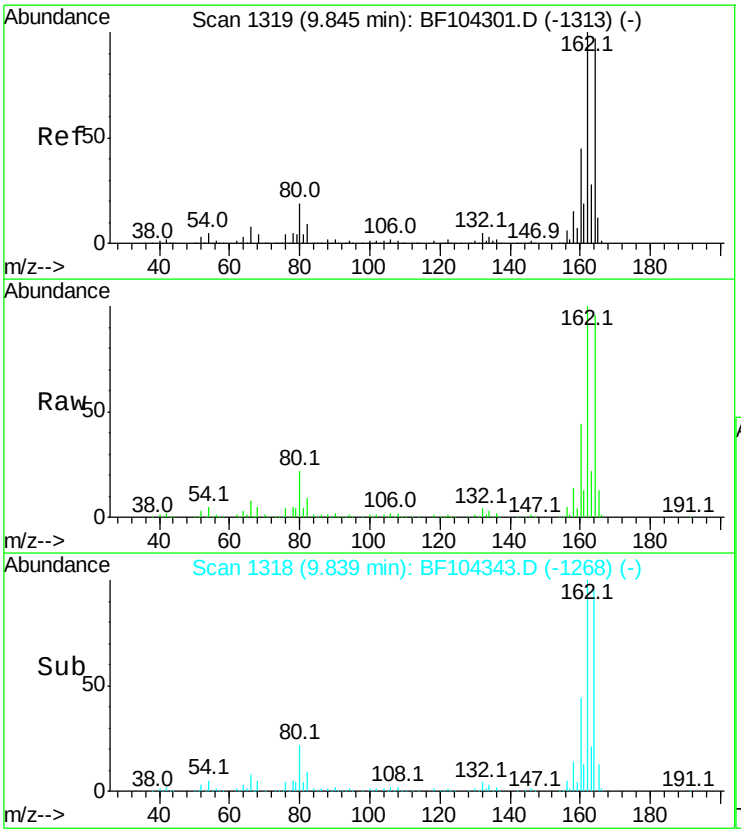
#25
Isophorone
Concen: 48.980 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104343.D
Acq: 7 Apr 2018 8:05

Instrument :
BNA_F
ClientSampleId :
040218-JETT-F-D-M

Tgt Ion: 82 Resp: 865380

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

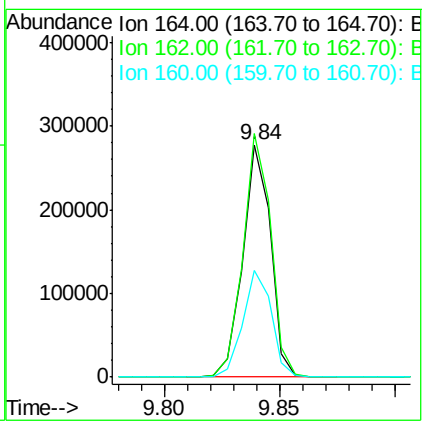


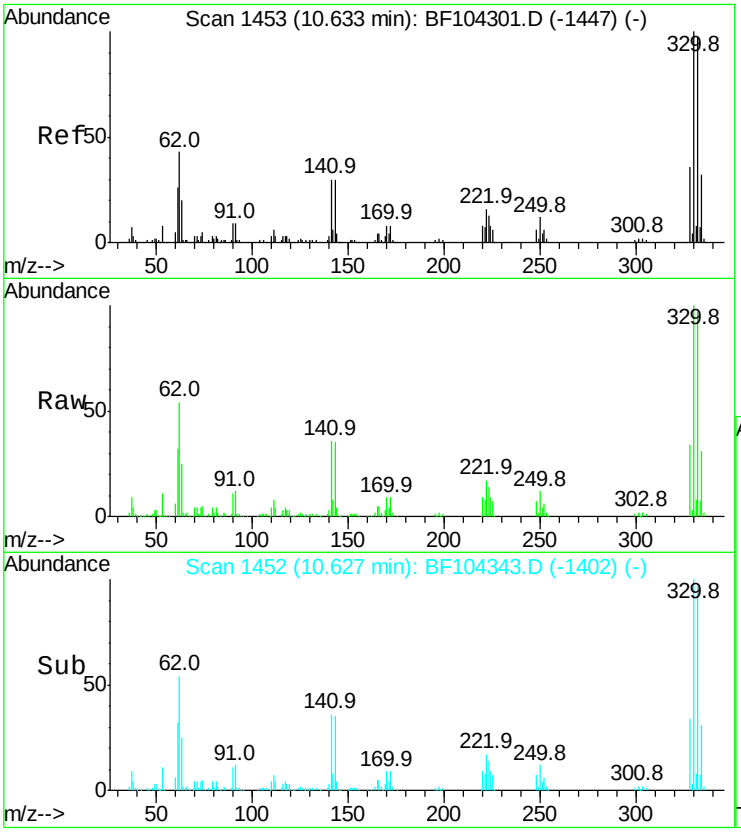


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104343.D
Acq: 7 Apr 2018 8:05

Tgt Ion:164 Resp: 233003

Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	45.7	38.3	57.5



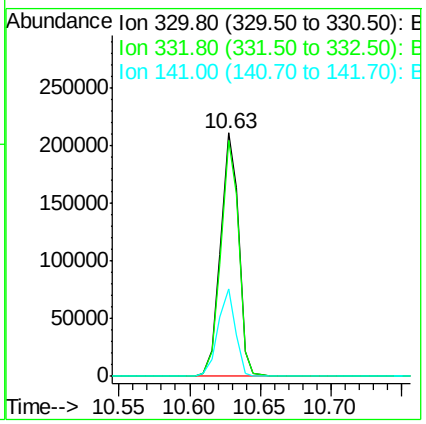


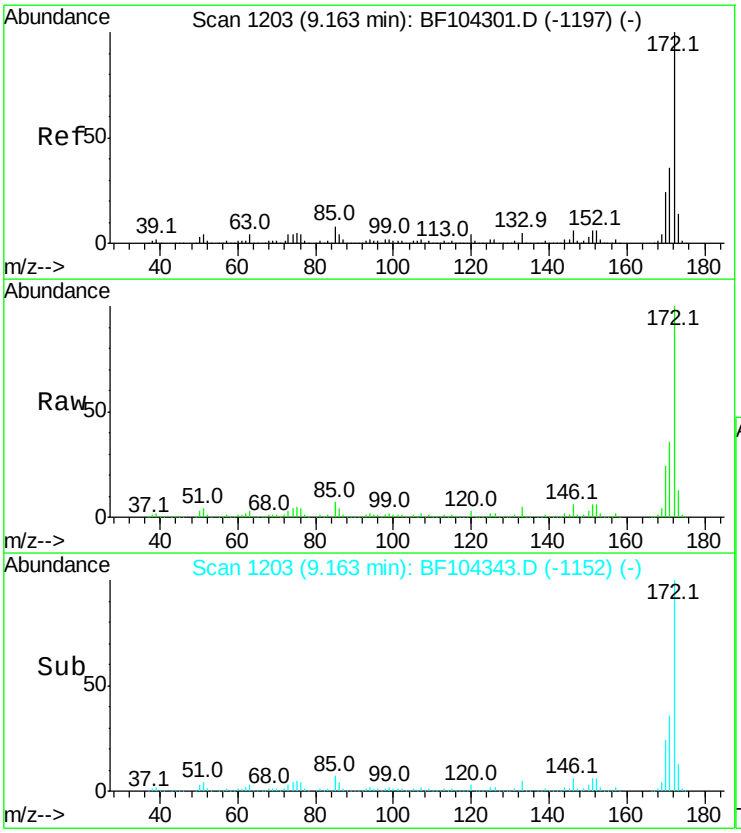
#41
2,4,6-Tribromophenol
Concen: 78.062 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF104343.D
Acq: 7 Apr 2018 8:05

Instrument :
BNA_F
ClientSampleId :
040218-JETT-F-D-M

Tgt Ion:330 Resp: 188676

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	34.6	29.9	44.9

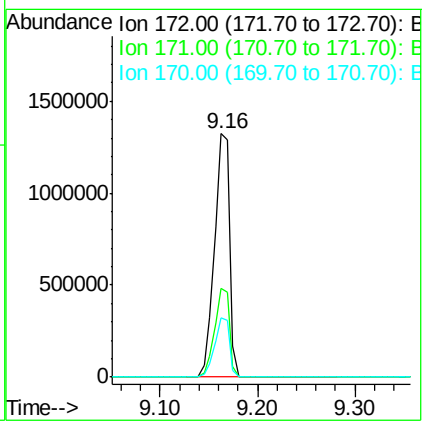


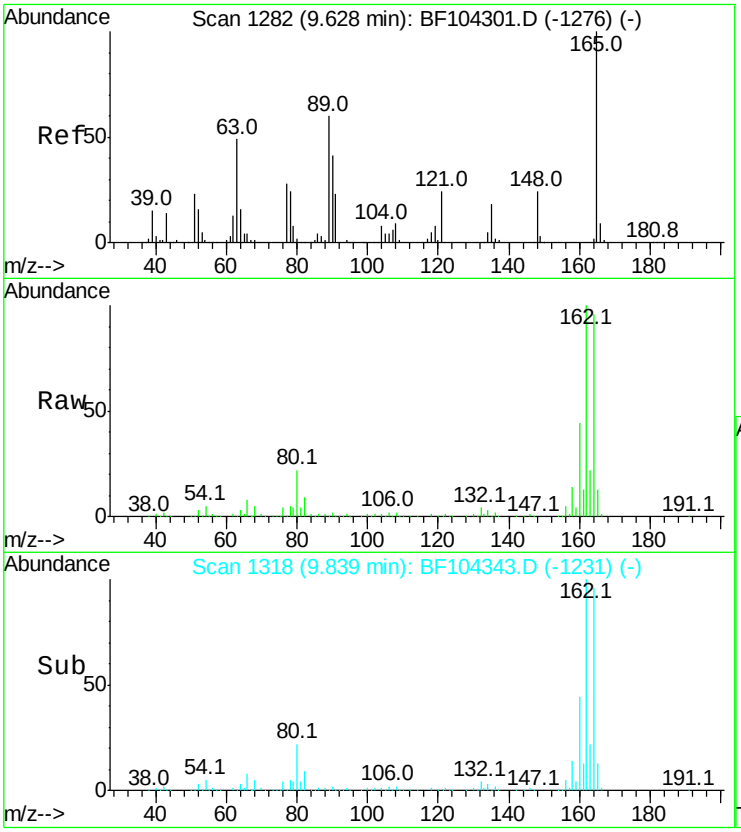


#44
2-Fluorobiphenyl
Concen: 95.831 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF104343.D
Acq: 7 Apr 2018 8:05

Tgt Ion:172 Resp: 1413444

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4



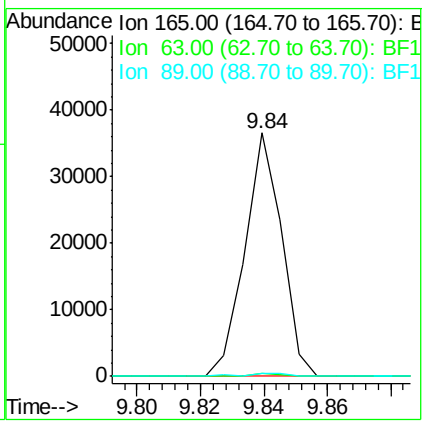


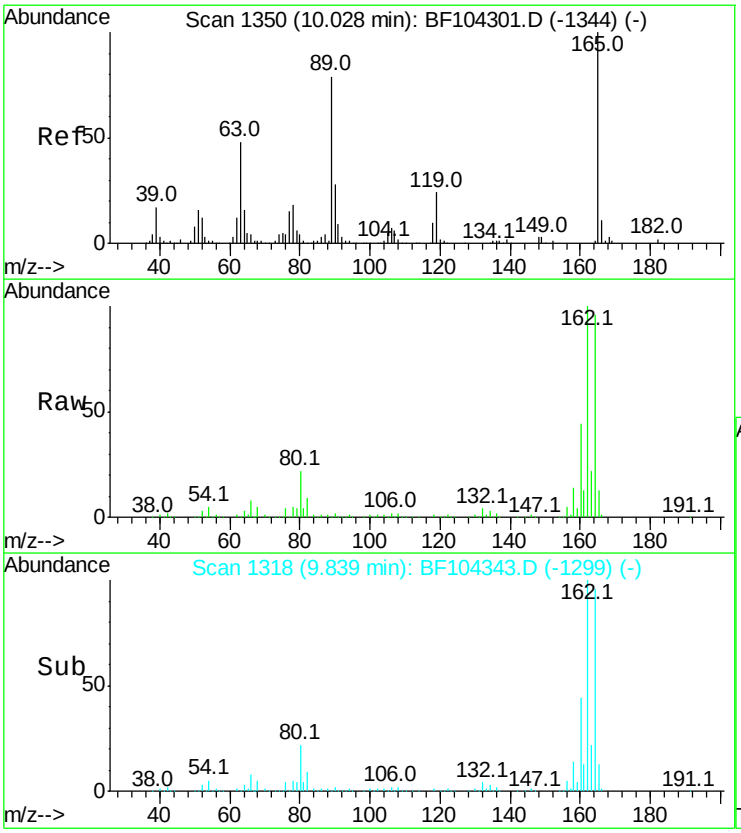
#50
2,6-Dinitrotoluene
Concen: 8.656 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.21 min
Lab File: BF104343.D
Acq: 7 Apr 2018 8:05

Instrument :
BNA_F
ClientSampleId :
040218-JETT-F-D-M

Tgt Ion:165 Resp: 29428

Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.1	44.0	66.0#

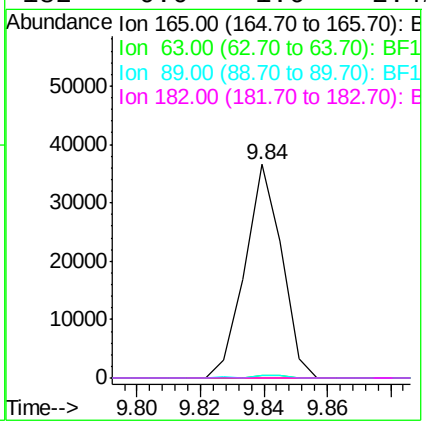


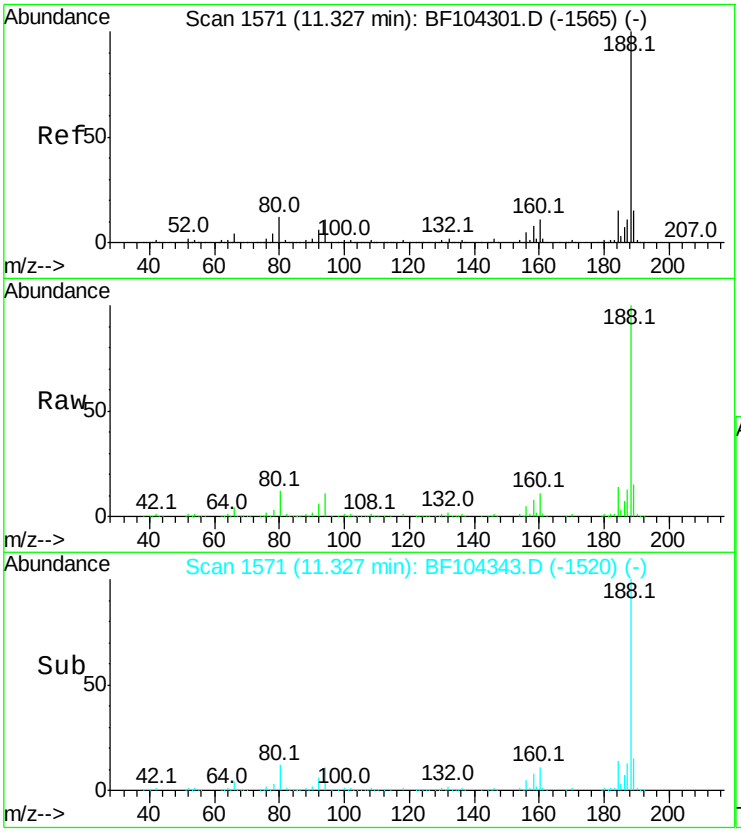


#56
2,4-Dinitrotoluene
Concen: 6.599 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.19 min
Lab File: BF104343.D
Acq: 7 Apr 2018 8:05

Tgt Ion:165 Resp: 29428

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#



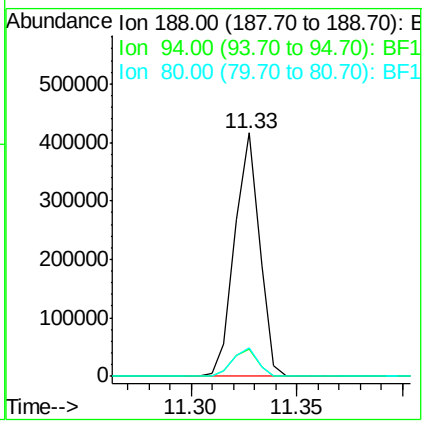


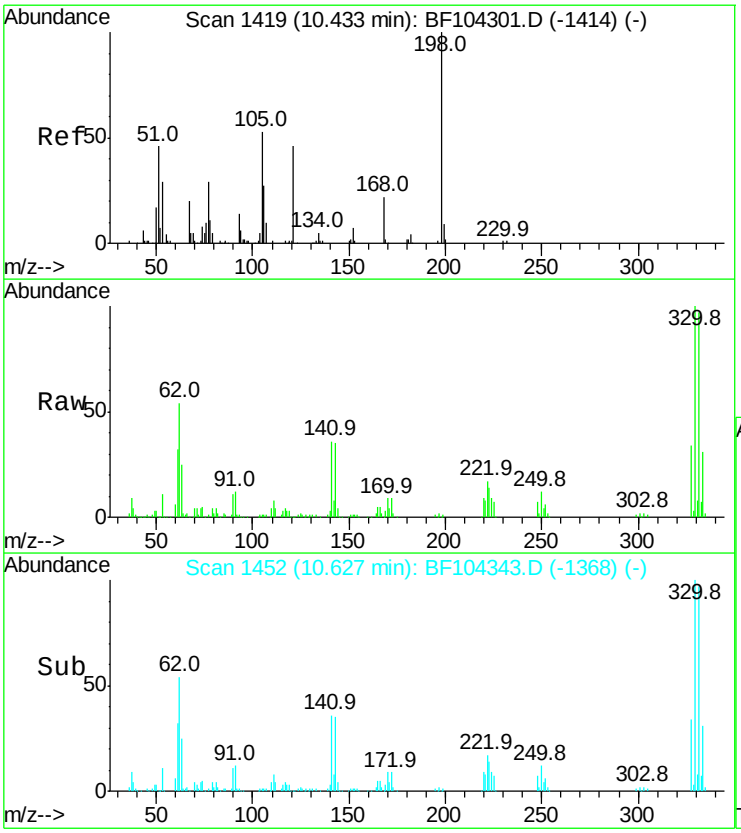
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF104343.D
Acq: 7 Apr 2018 8:05

Instrument :
BNA_F
ClientSampleId :
040218-JETT-F-D-M

Tgt Ion:188 Resp: 336547

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.5	9.2	13.8

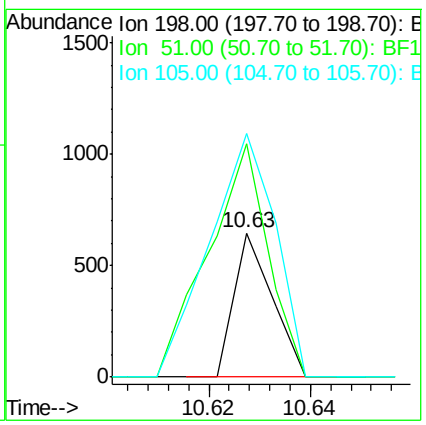


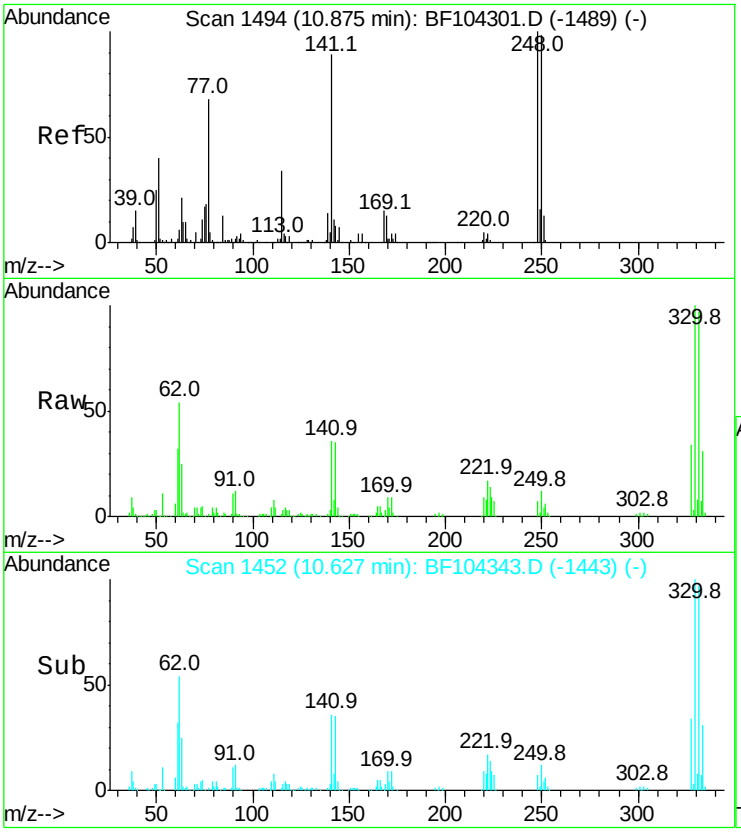


#64
4,6-Dinitro-2-methylphenol
Concen: 7.522 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.19 min
Lab File: BF104343.D
Acq: 7 Apr 2018 8:05

Tgt Ion:198 Resp: 339

Ion	Ratio	Lower	Upper
198	100		
51	162.2	37.7	77.7#
105	169.2	36.3	76.3#



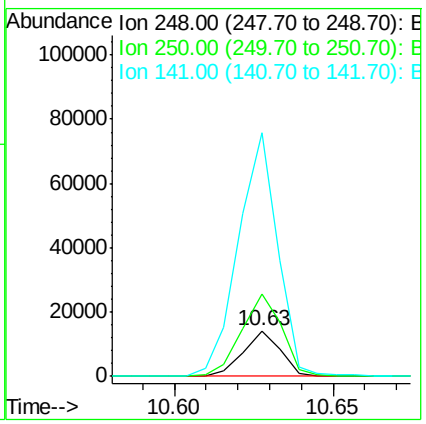


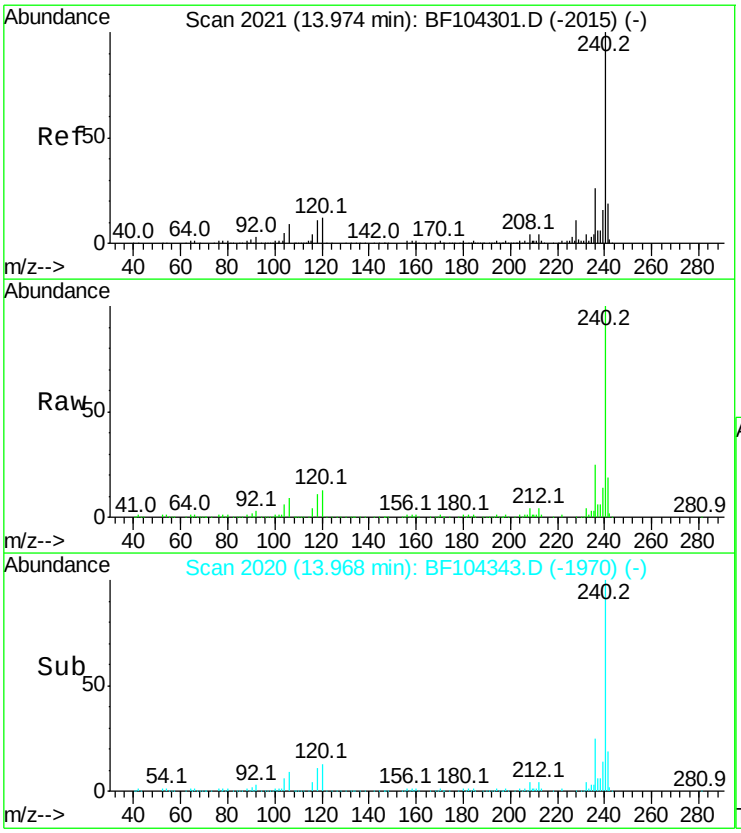
#66
4-Bromophenyl-phenylether
Concen: 3.210 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.25 min
Lab File: BF104343.D
Acq: 7 Apr 2018 8:05

Instrument :
BNA_F
ClientSampleId :
040218-JETT-F-D-M

Tgt Ion:248 Resp: 11490

Ion	Ratio	Lower	Upper
248	100		
250	179.9	76.9	115.3#
141	532.2	74.4	111.6#

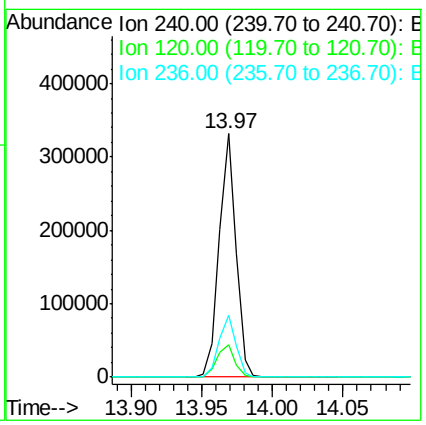


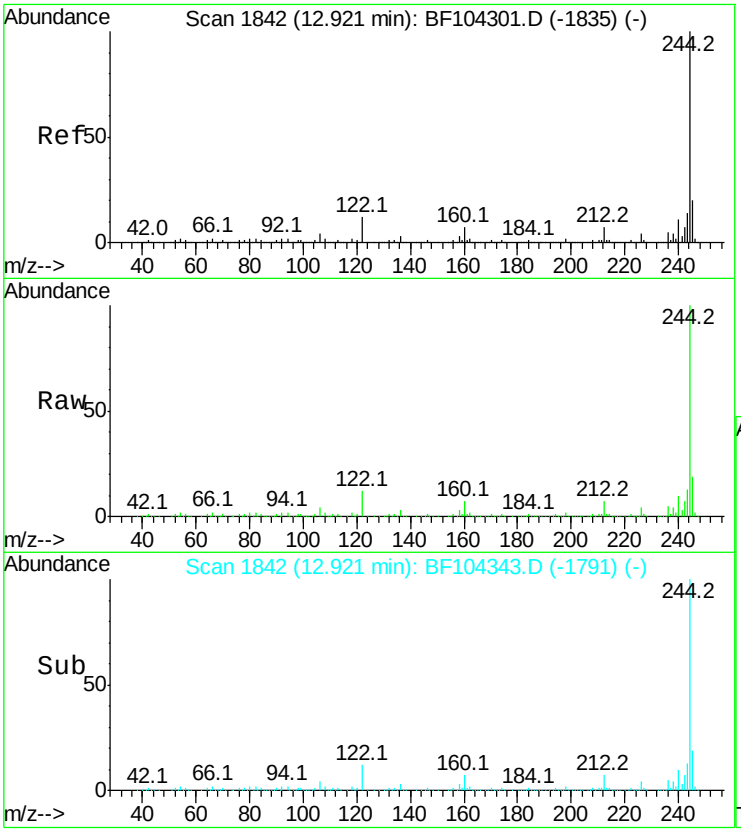


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104343.D
Acq: 7 Apr 2018 8:05

Tgt Ion:240 Resp: 276258

Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	25.4	20.7	31.1



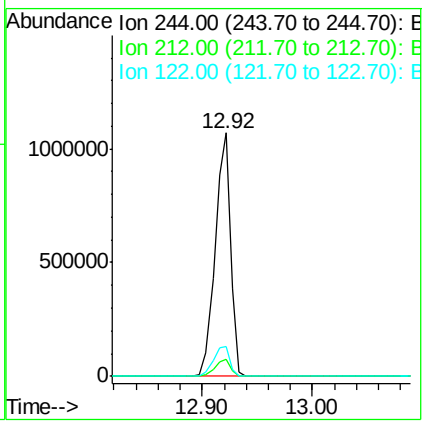


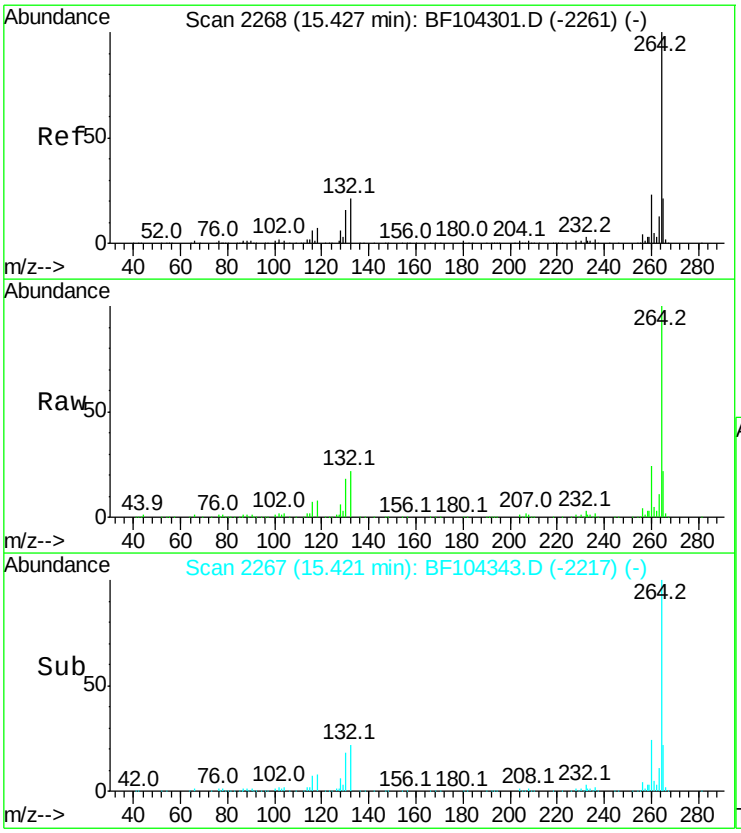
#78
Terphenyl-d14
Concen: 84.895 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104343.D
Acq: 7 Apr 2018 8:05

Instrument :
BNA_F
ClientSampleId :
040218-JETT-F-D-M

Tgt Ion:244 Resp: 1028710

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF104343.D
Acq: 7 Apr 2018 8:05

Tgt Ion:264 Resp: 249481

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.0	17.5	26.3