Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050218\
Data File : BF105055.D
Acq On : 3 May 2018 2:56
Operator : JU/SJ
Sample : J2684-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 043018-SIDI-F-D-B

Quant Time: May 03 04:31:02 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 02 17:25:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	91769	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	375201	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	164504	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	273069	20.00	ng	0.00
75) Chrysene-d12	14.00	240	223245	20.00	ng	-0.03
86) Perylene-d12	15.54	264	176440	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	254314	42.37	ng	0.00
7) Phenol-d6	6.42	99	189140	25.65	ng	-0.02
23) Nitrobenzene-d5	7.36	82	569423	99.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	151321	88.68	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1005330	96.54	ng	0.00
78) Terphenyl-d14	12.91	244	914106	93.35	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	71852	14.911	ng	# 71
25) Isophorone	7.36	82	562409	46.286	ng	# 64
49) Dimethylphthalate	9.55	163	36238	2.793	ng	100
50) 2,6-Dinitrotoluene	9.83	165	20081	8.366	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	20081	6.378	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.62	198	144	7.439	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	9038	3.112	ng	# 1
76) Benzidine	12.91	184	11227	Below Cal		96

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

Quantitation Report (Not Reviewed)

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Acq On : 3 May 2018 2:56
Operator : JU/SJ
Sample : J2684-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
043018-SIDI-F-D-B

Quant Time: May 03 04:31:02 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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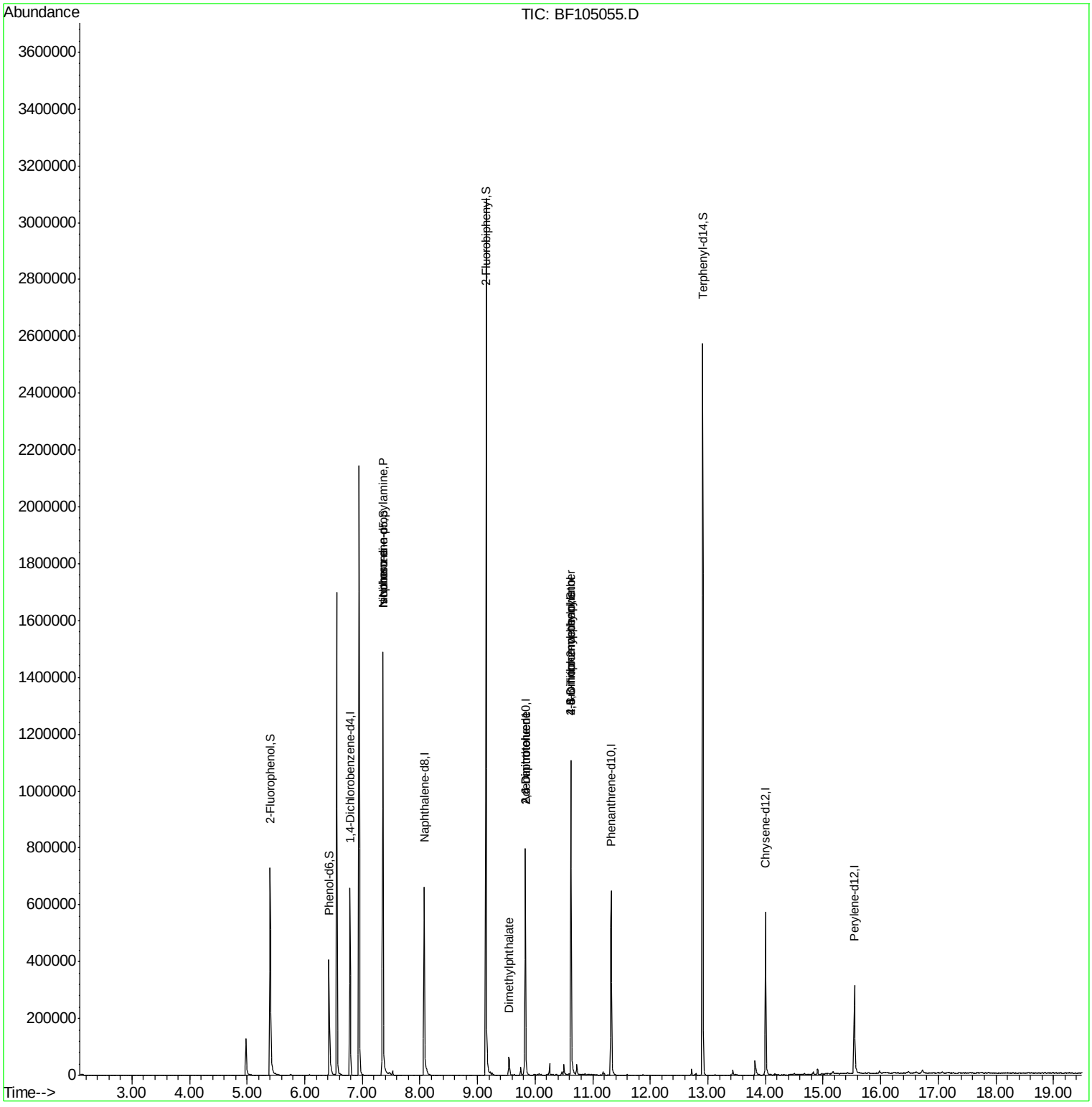
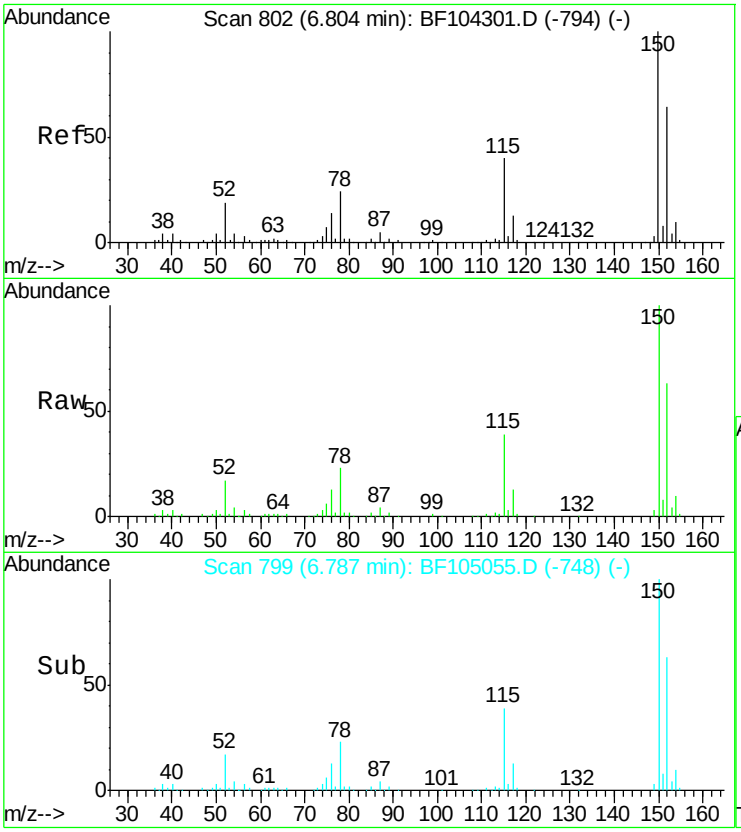


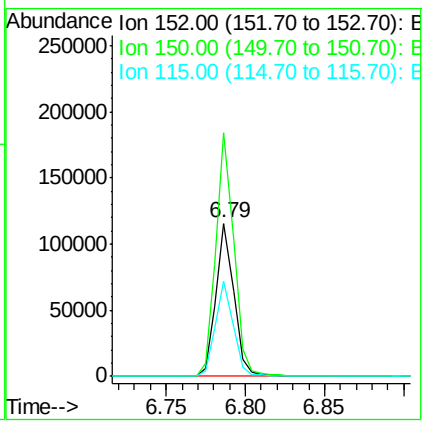


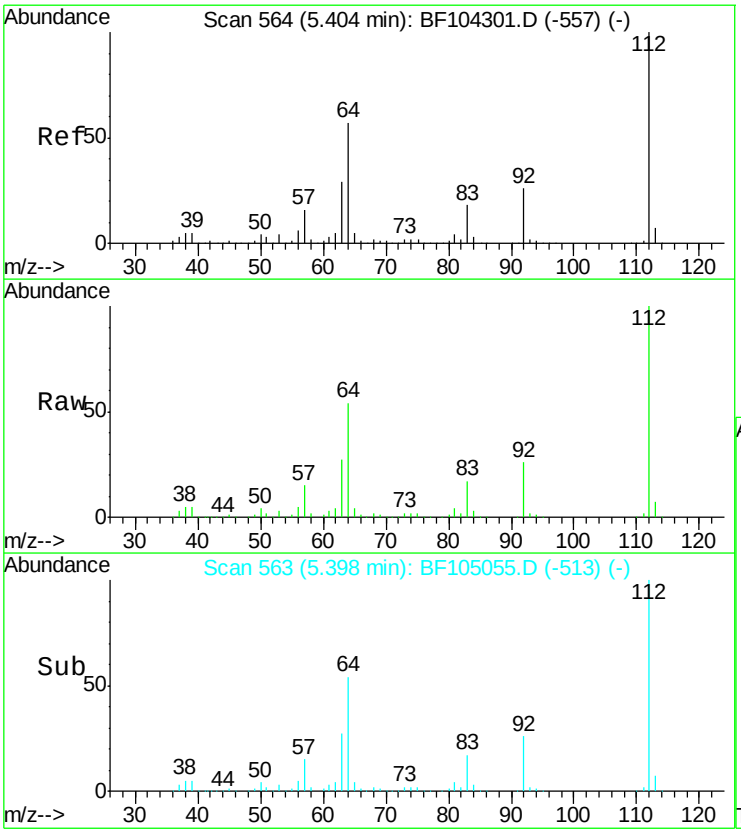
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Instrument :
BNA_F
ClientSampleId :
043018-SIDI-F-D-B

Tgt Ion:152 Resp: 91769

Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	62.4	50.1	75.1

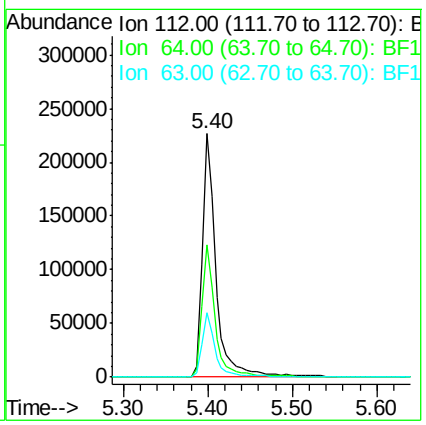


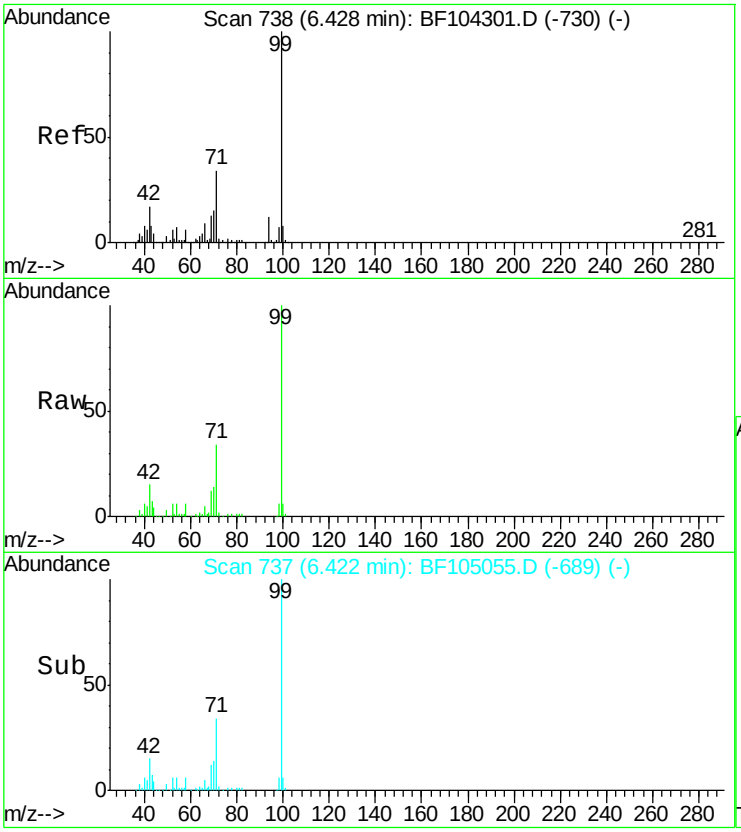


#5
2-Fluorophenol
Concen: 42.374 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Tgt Ion:112 Resp: 254314

Ion	Ratio	Lower	Upper
112	100		
64	54.2	47.9	71.9
63	26.6	23.7	35.5



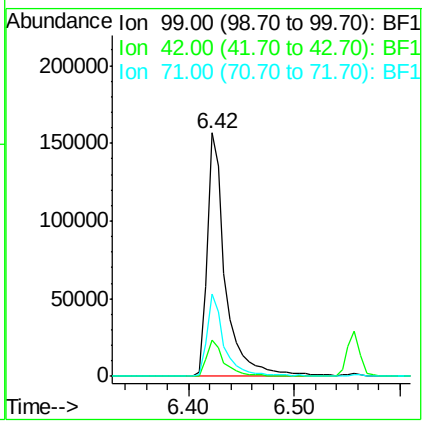


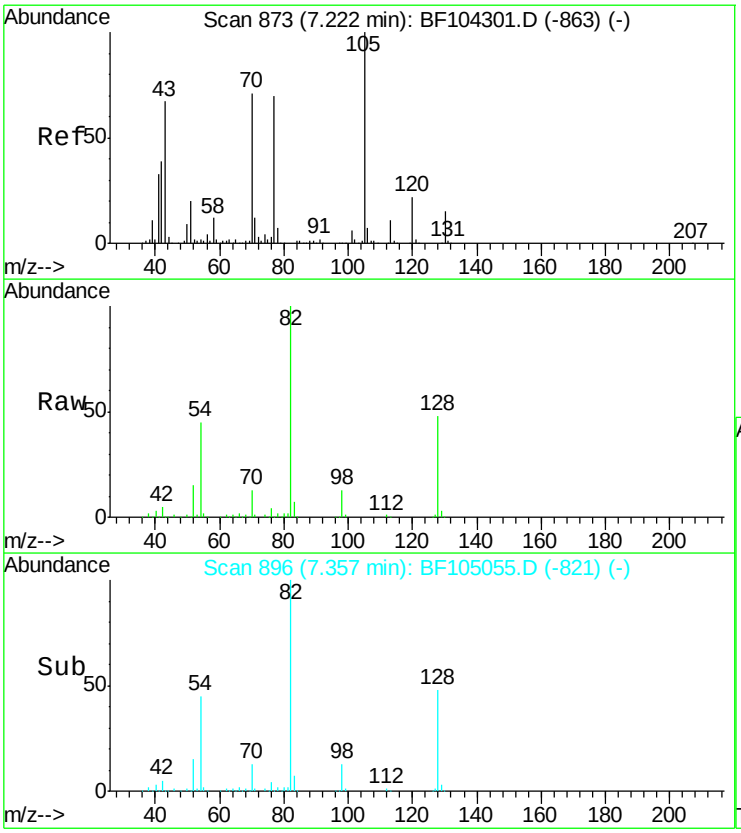
#7
Phenol-d6
Concen: 25.649 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Instrument :
BNA_F
ClientSampleId :
043018-SIDI-F-D-B

Tgt Ion: 99 Resp: 189140

Ion	Ratio	Lower	Upper
99	100		
42	15.0	14.5	21.7
71	33.8	25.4	38.0

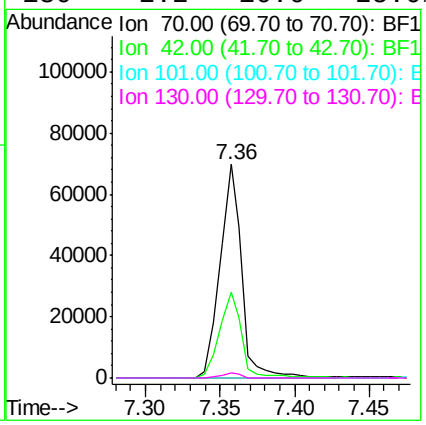


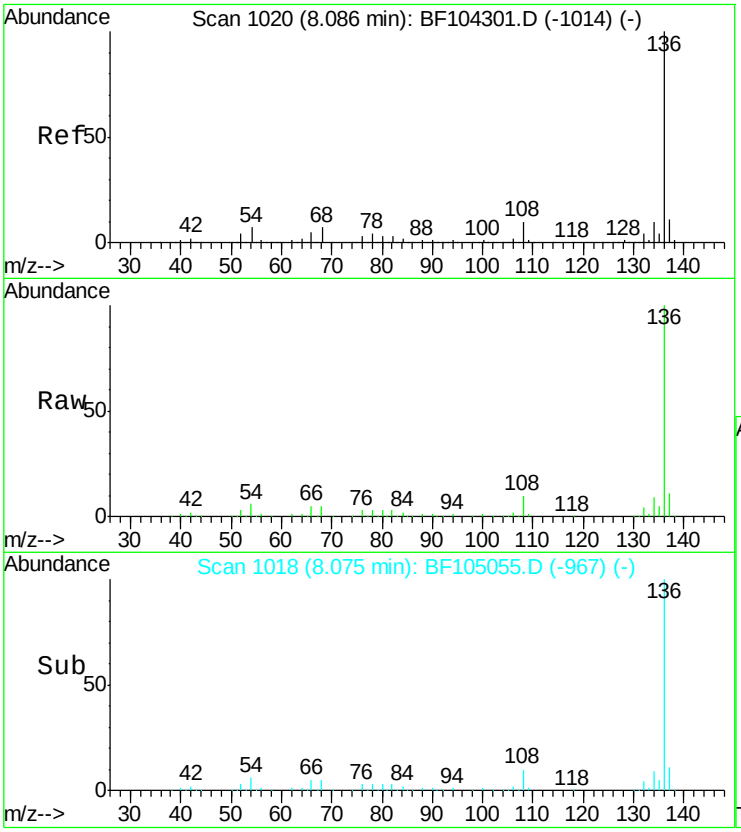


#19
n-Nitroso-di-n-propylamine
Concen: 14.911 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Tgt Ion: 70 Resp: 71852

Ion	Ratio	Lower	Upper
70	100		
42	40.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



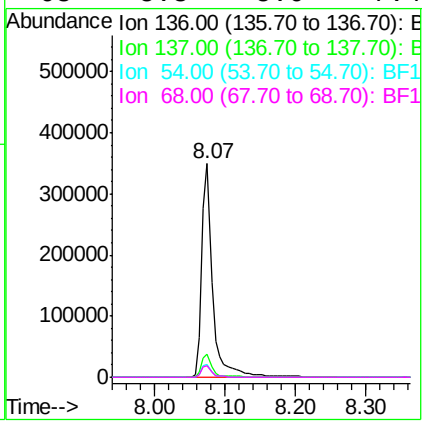


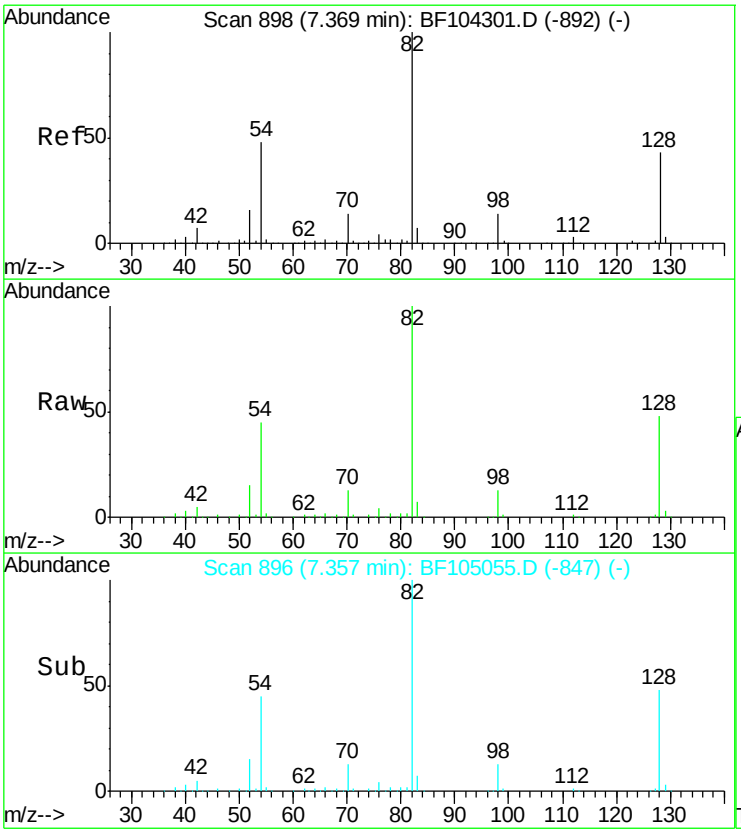
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Instrument :
BNA_F
ClientSampleId :
043018-SIDI-F-D-B

Tgt Ion:136 Resp: 375201

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	5.7	6.6	9.8#
68	5.3	5.0	7.4

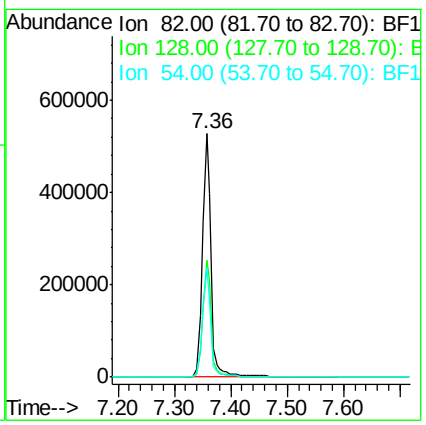


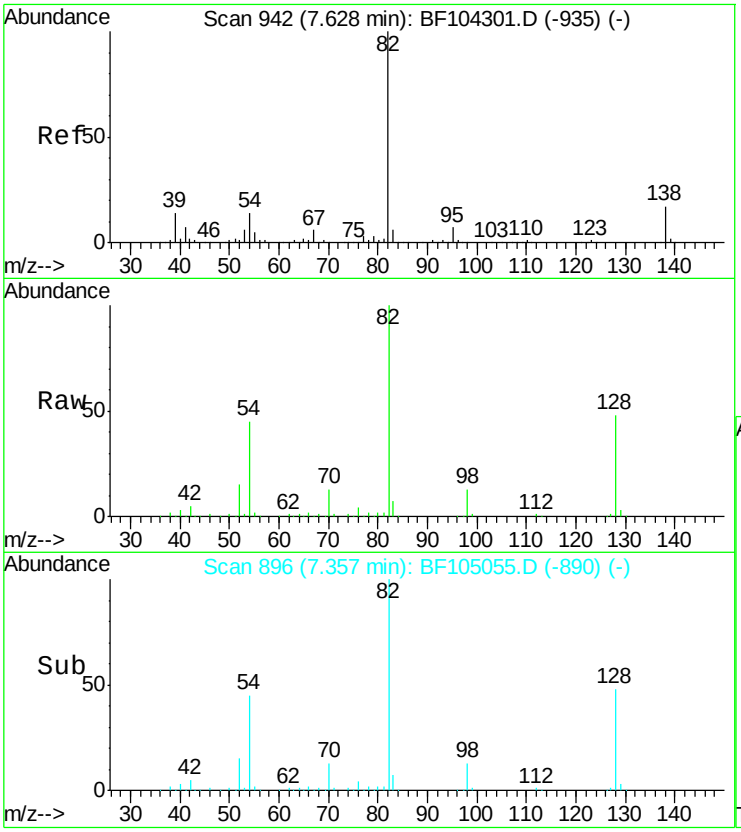


#23
Nitrobenzene-d5
Concen: 99.099 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Tgt Ion: 82 Resp: 569423

Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.1	54.1
54	44.8	41.4	62.2



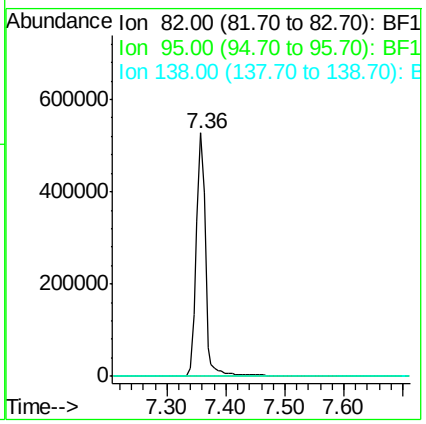


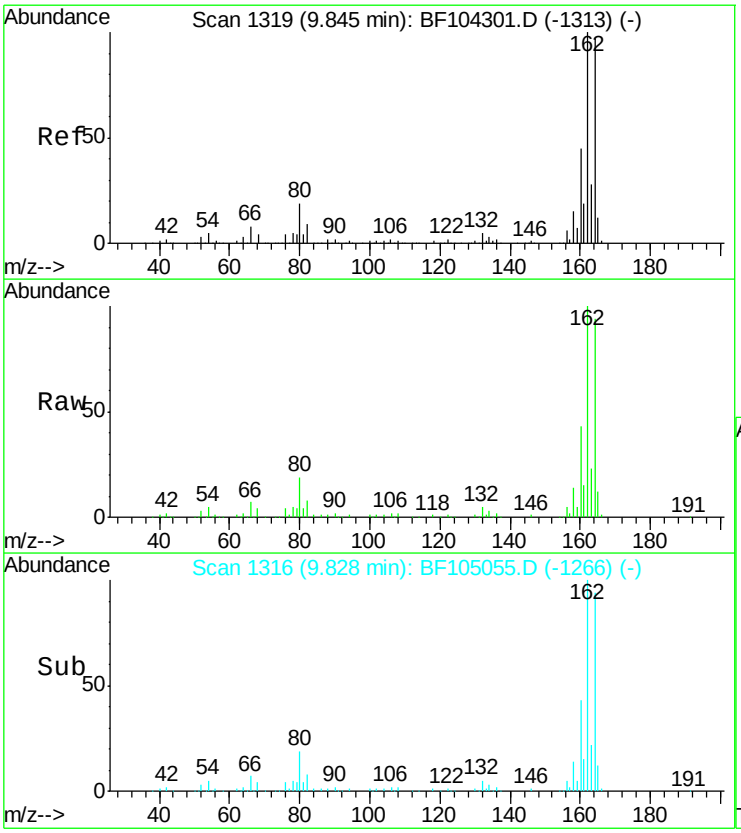
#25
Isophorone
Concen: 46.286 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Instrument :
BNA_F
ClientSampleId :
043018-SIDI-F-D-B

Tgt Ion: 82 Resp: 562409

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

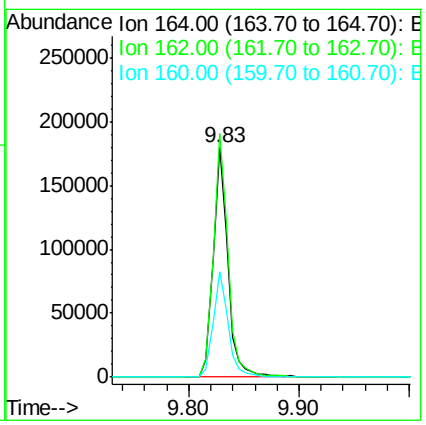


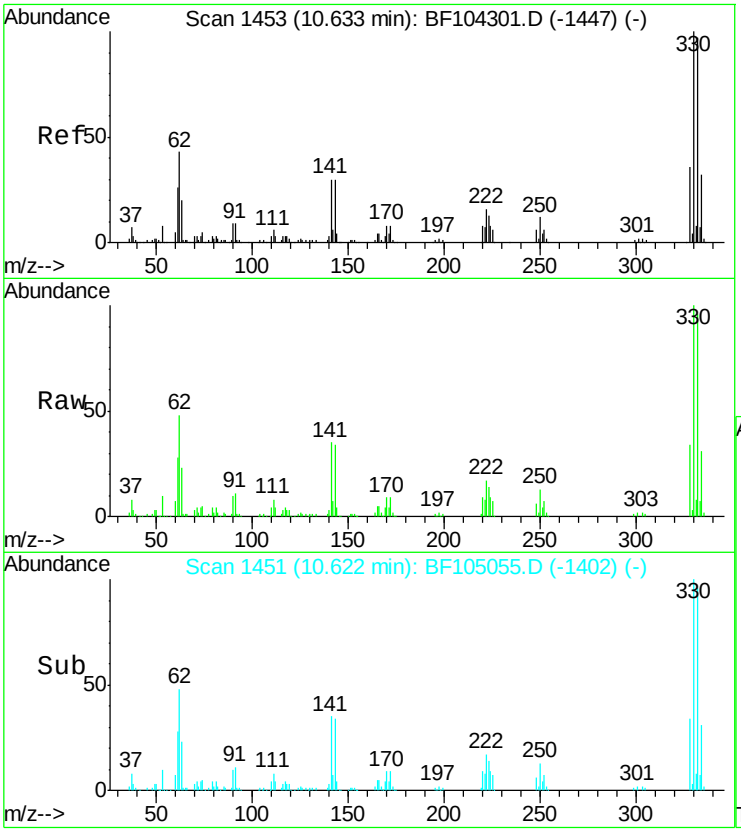


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Tgt Ion:164 Resp: 164504

Ion	Ratio	Lower	Upper
164	100		
162	106.2	86.1	129.1
160	45.8	38.3	57.5



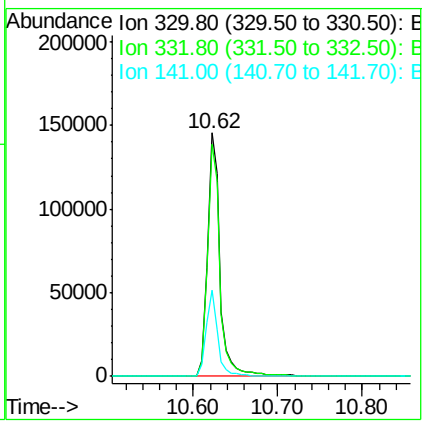


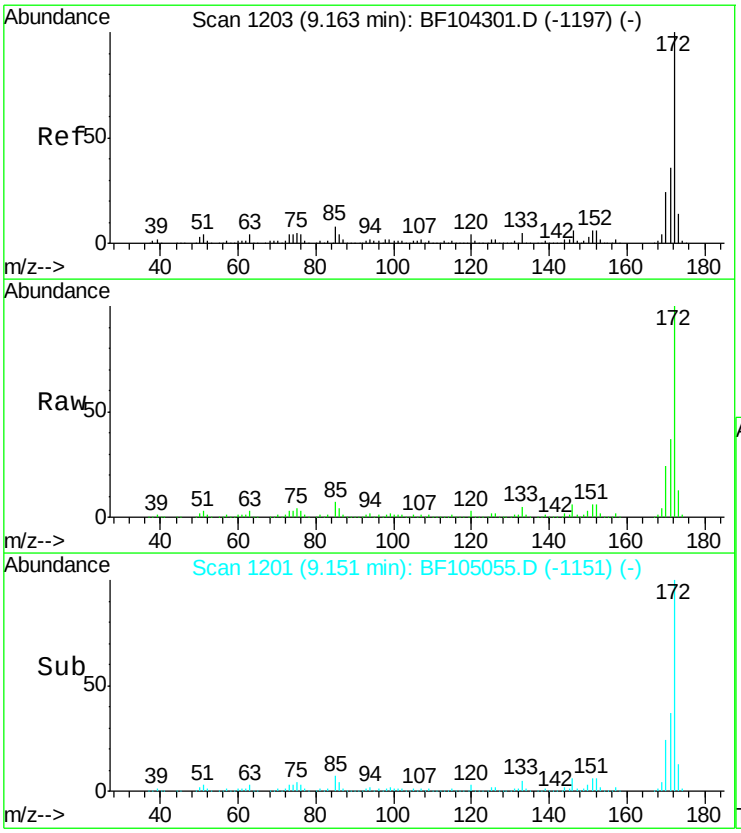
#41
2,4,6-Tribromophenol
Concen: 88.676 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Instrument :
BNA_F
ClientSampleId :
043018-SIDI-F-D-B

Tgt Ion:330 Resp: 151321

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.3	29.9	44.9

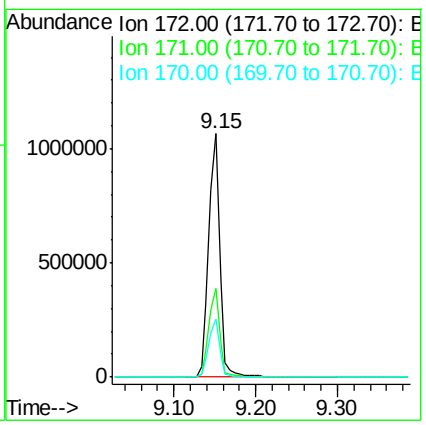


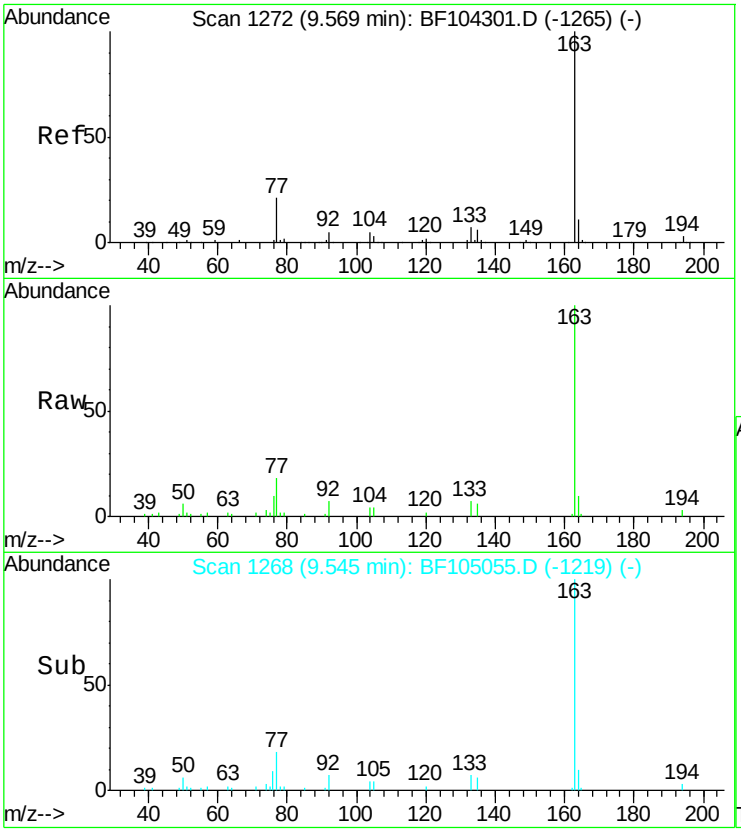


#44
2-Fluorobiphenyl
Concen: 96.543 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Tgt Ion:172 Resp: 1005330

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.9	19.6	29.4



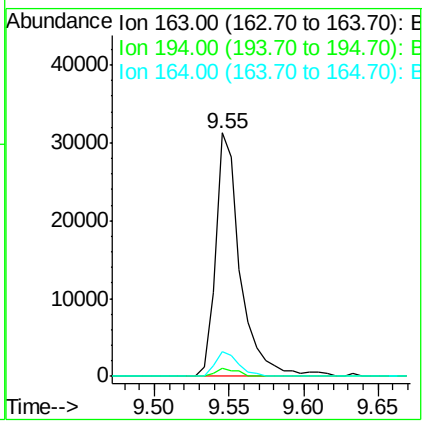


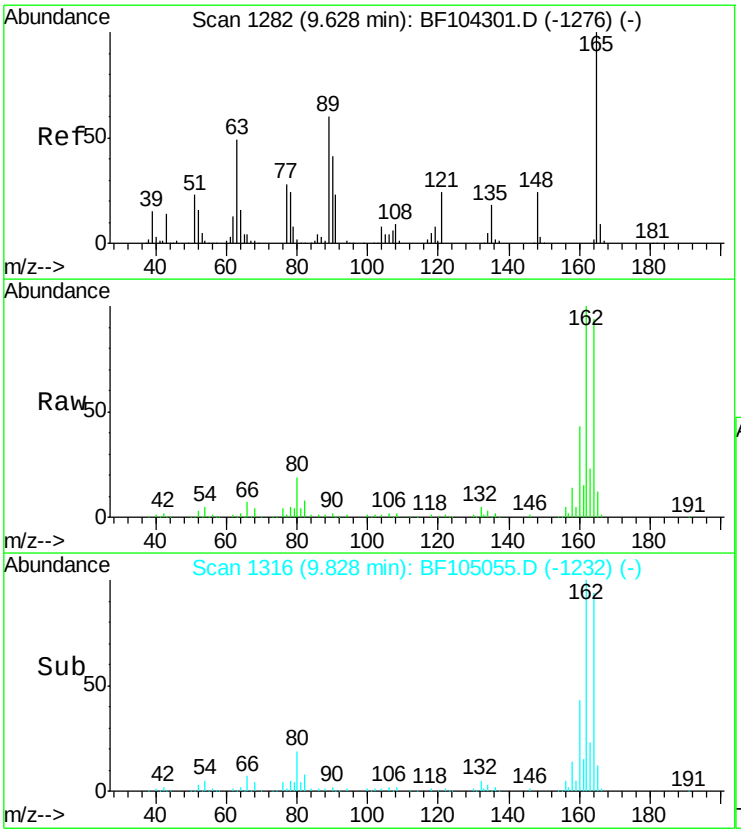
#49
Dimethylphthalate
Concen: 2.793 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Instrument :
BNA_F
ClientSampleId :
043018-SIDI-F-D-B

Tgt Ion:163 Resp: 36238

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.2	8.2	12.2

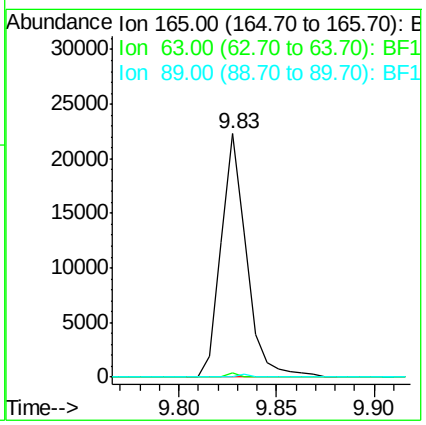


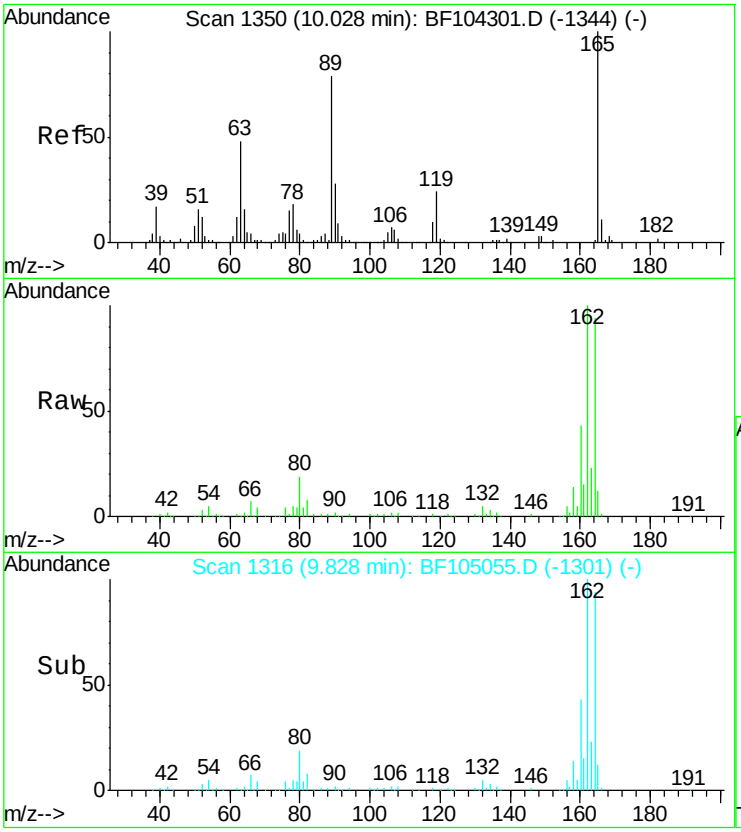


#50
2,6-Dinitrotoluene
Concen: 8.366 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.19 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Tgt Ion:165 Resp: 20081

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	0.0	44.0	66.0#



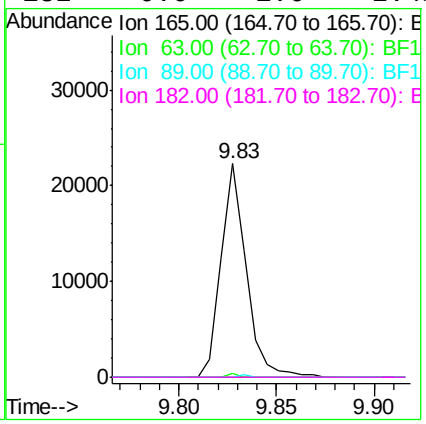


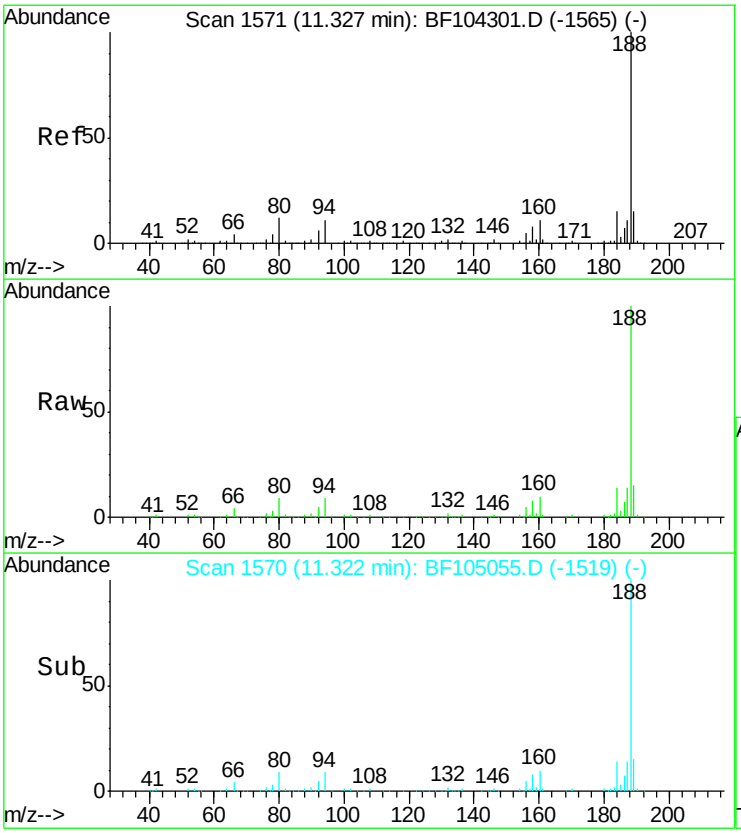
#56
2,4-Dinitrotoluene
Concen: 6.378 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Instrument :
BNA_F
ClientSampleId :
043018-SIDI-F-D-B

Tgt Ion:165 Resp: 20081

Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

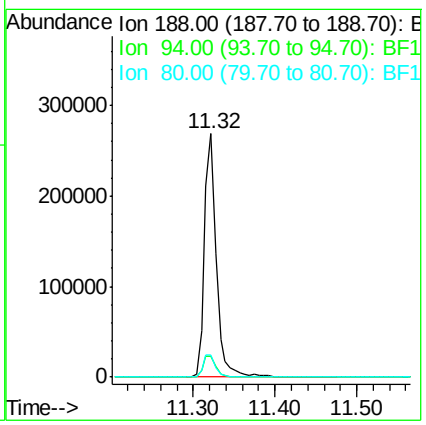


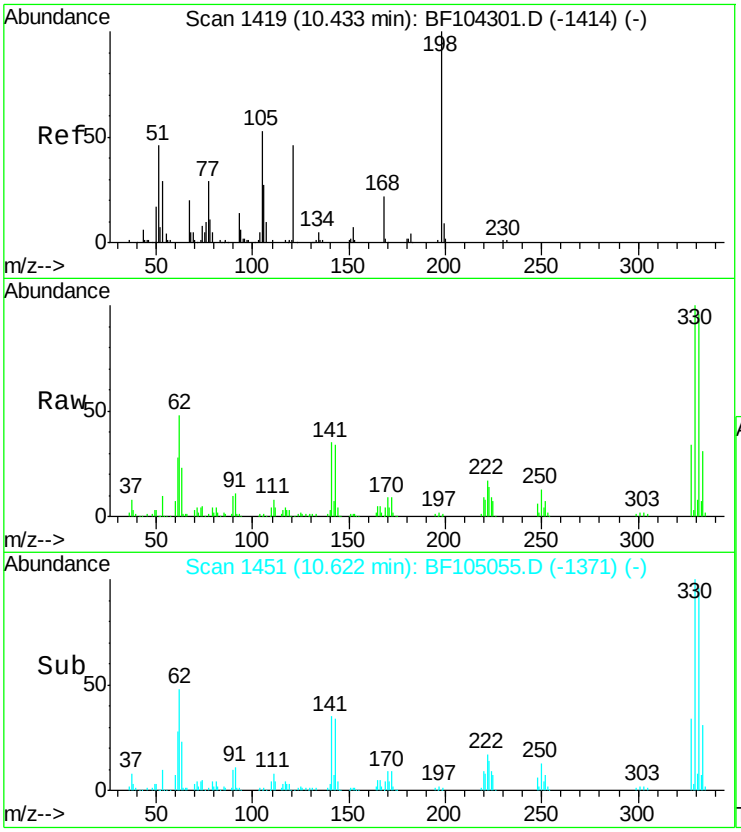


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Tgt Ion:188 Resp: 273069

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.4	9.2	13.8



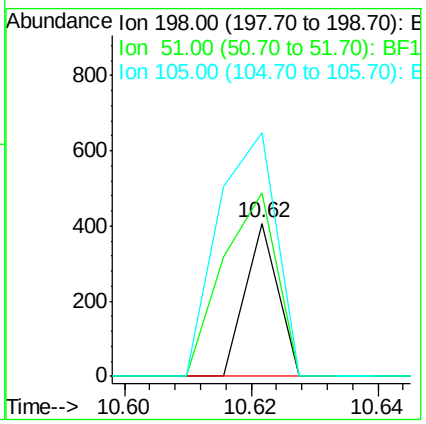


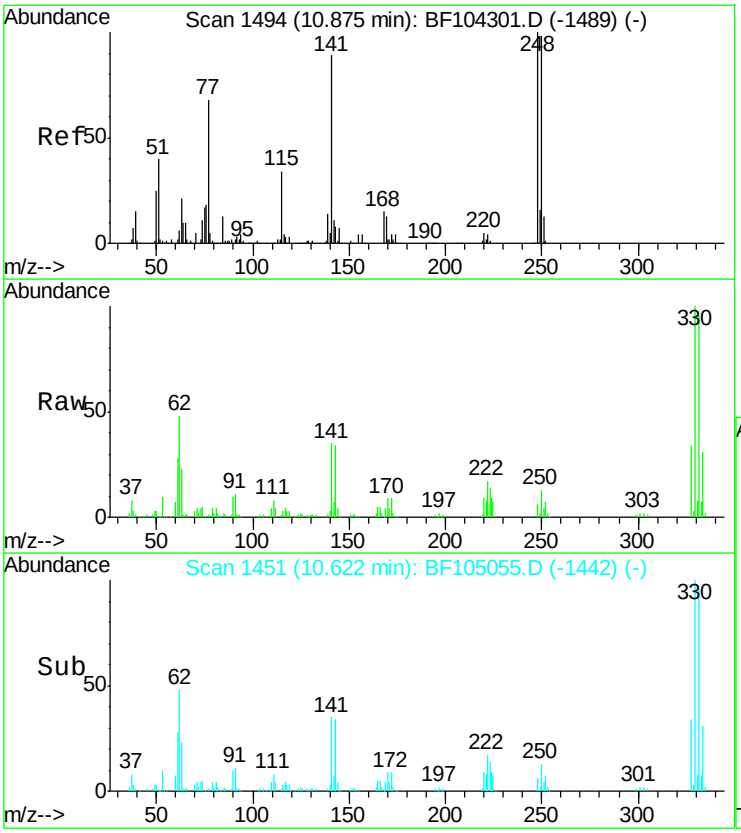
#64
4,6-Dinitro-2-methylphenol
Concen: 7.439 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.17 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Instrument :
BNA_F
ClientSampleId :
043018-SIDI-F-D-B

Tgt Ion:198 Resp: 144

Ion	Ratio	Lower	Upper
198	100		
51	119.9	37.7	77.7#
105	158.8	36.3	76.3#

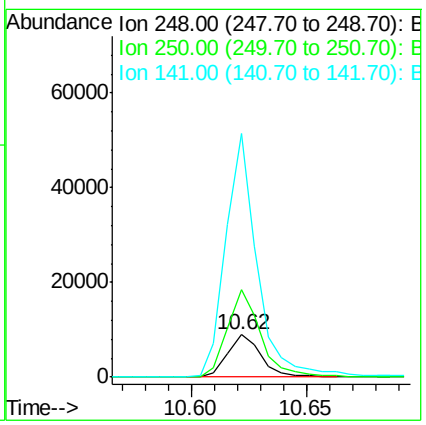


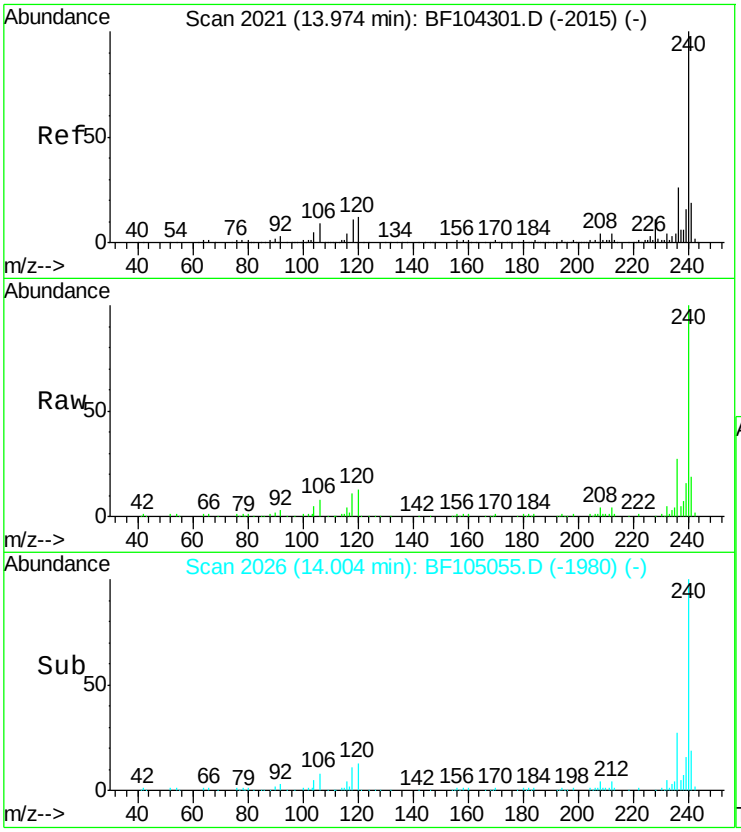


#66
4-Bromophenyl-phenylether
Concen: 3.112 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Tgt Ion:248 Resp: 9038

Ion	Ratio	Lower	Upper
248	100		
250	208.2	76.9	115.3#
141	575.6	74.4	111.6#



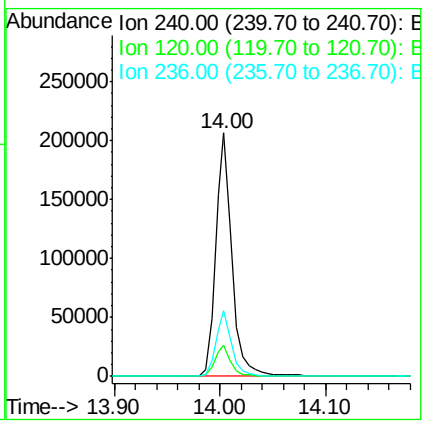


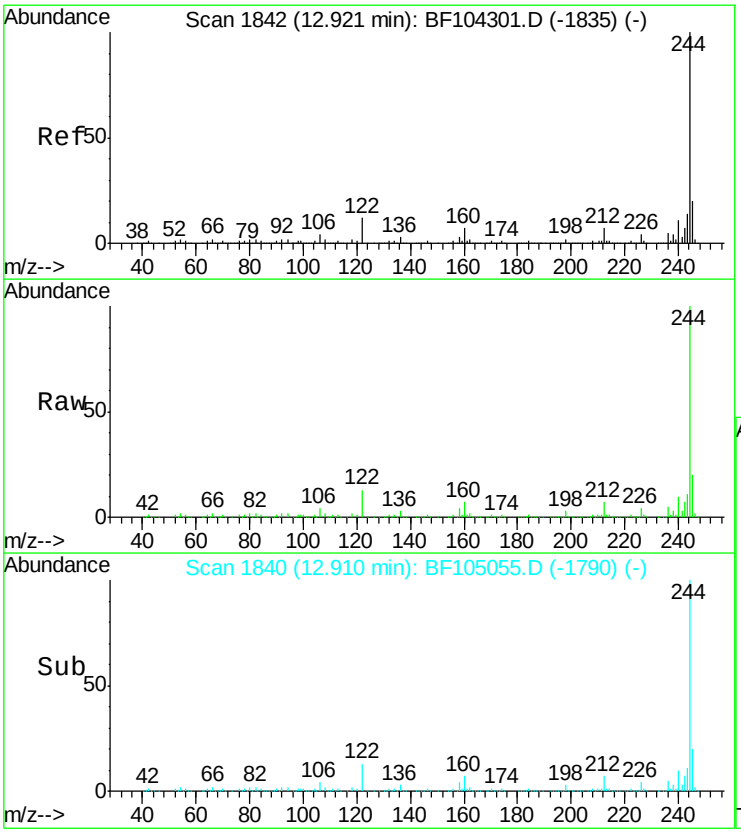
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.03 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Instrument :
BNA_F
ClientSampleId :
043018-SIDI-F-D-B

Tgt Ion:240 Resp: 223245

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	27.1	20.7	31.1

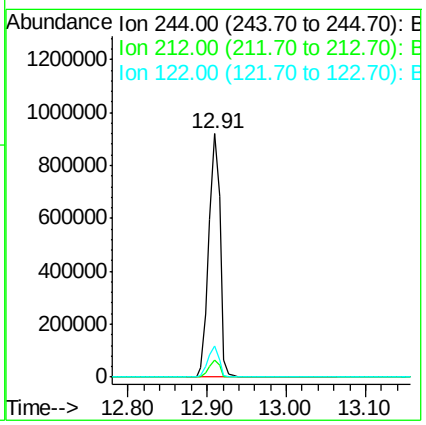


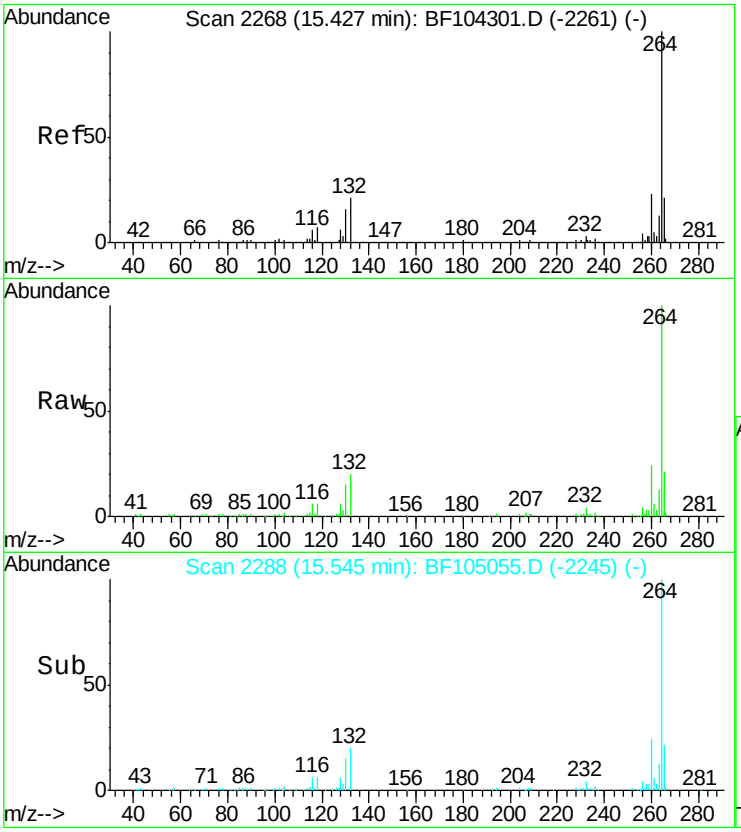


#78
Terphenyl-d14
Concen: 93.351 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Tgt Ion:244 Resp: 914106

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.05 min
Lab File: BF105055.D
Acq: 3 May 2018 2:56

Instrument :
BNA_F
ClientSampleId :
043018-SIDI-F-D-B

Tgt Ion:264 Resp: 176440

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.1	17.5	26.3