Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082818\
Data File : BF108579.D
Acq On : 29 Aug 2018 2:28
Operator : JU/SJ
Sample : J4656-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 082418-SIDI-F-D-M

Quant Time: Aug 29 05:38:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	93784	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	334053	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	143313	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	258310	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	274791	20.00	ng	0.00
86) Perylene-d12	15.75	264	221411	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	154915	29.91	ng	0.01
7) Phenol-d6	6.63	99	156414	22.72	ng	0.00
23) Nitrobenzene-d5	7.56	82	608095	101.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	129828	90.82	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1078266	120.79	ng	-0.01
78) Terphenyl-d14	13.12	244	982545	90.91	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.56	70	80634	17.322	ng	# 83
25) Isophorone	7.56	82	608090	53.292	ng	# 64
49) Dimethylphthalate	9.75	163	66969	6.708	ng	98
50) 2,6-Dinitrotoluene	10.04	165	17506	8.382	ng	# 24
56) 2,4-Dinitrotoluene	10.04	165	17506	6.512	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.84	198	216	5.556	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	8426	3.002	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082818\
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082418-SIDI-F-D-M

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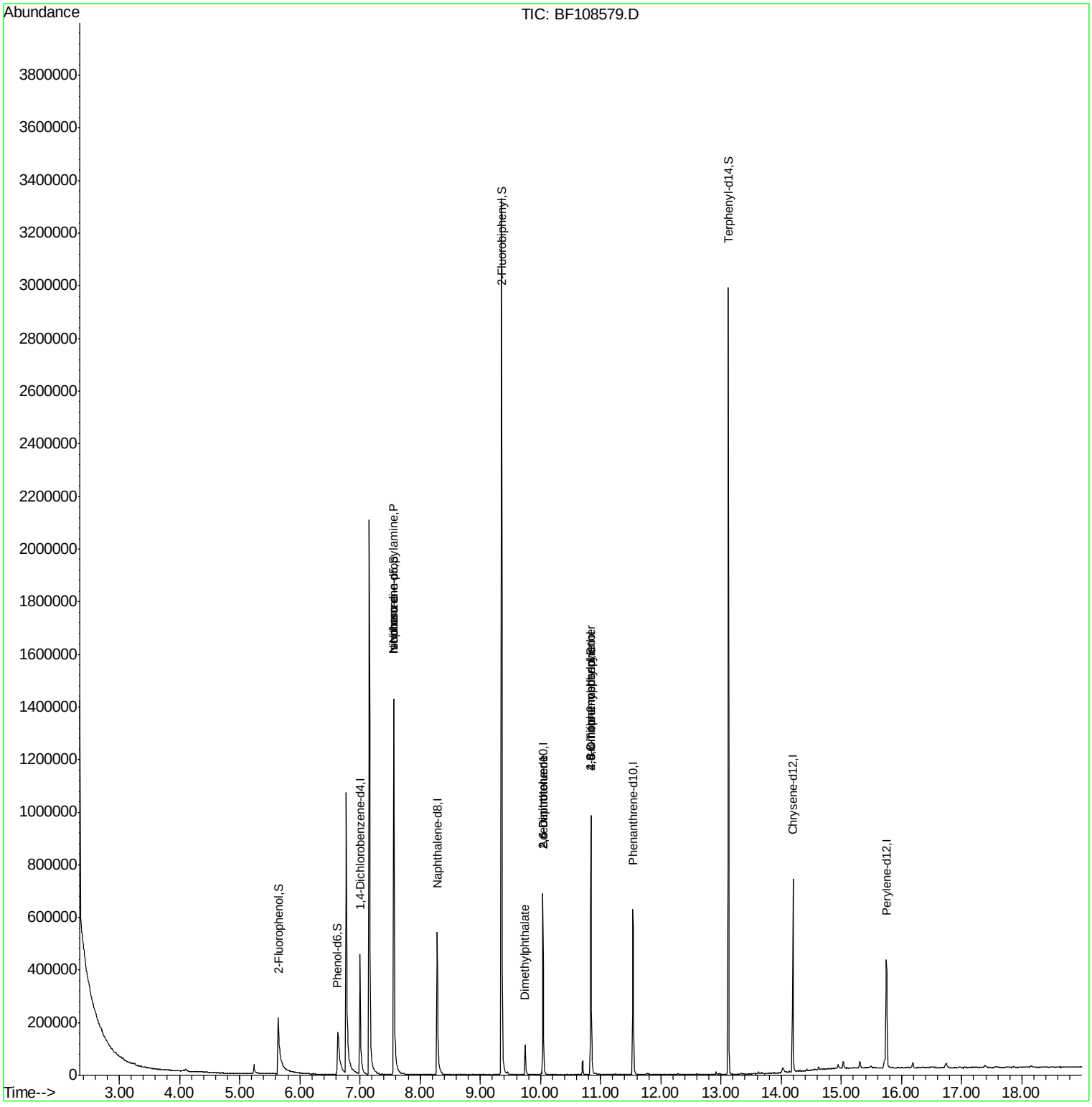
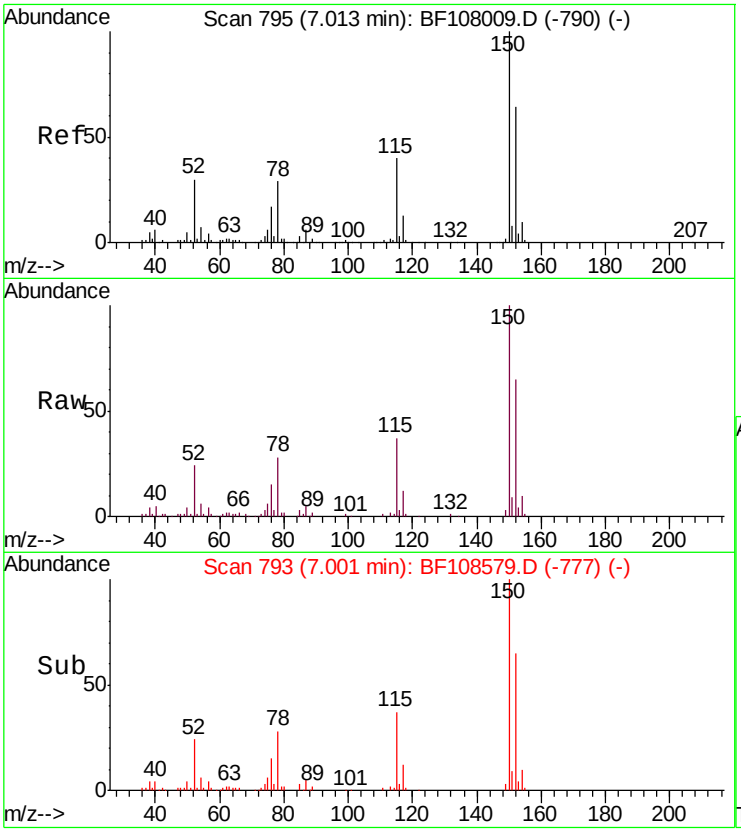


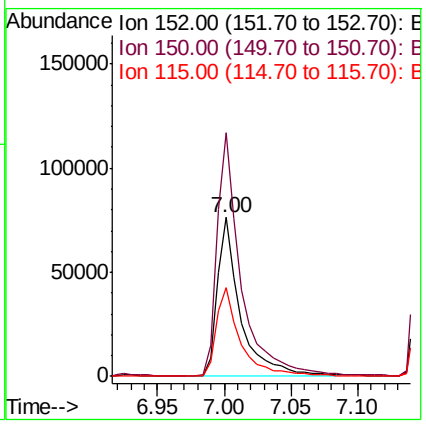


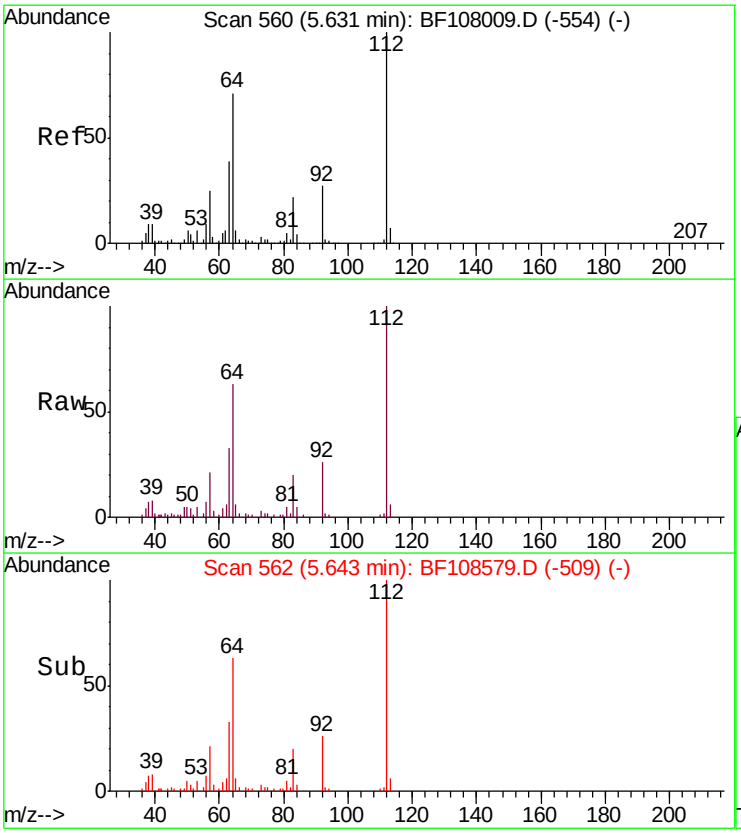
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108579.D
Acq: 29 Aug 2018 2:28

Instrument :
BNA_F
ClientSampleId :
082418-SIDI-F-D-M

Tgt Ion:152 Resp: 93784

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	186.8
115	56.2	50.1	75.1

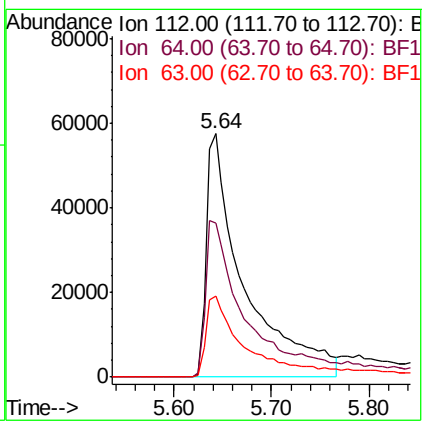


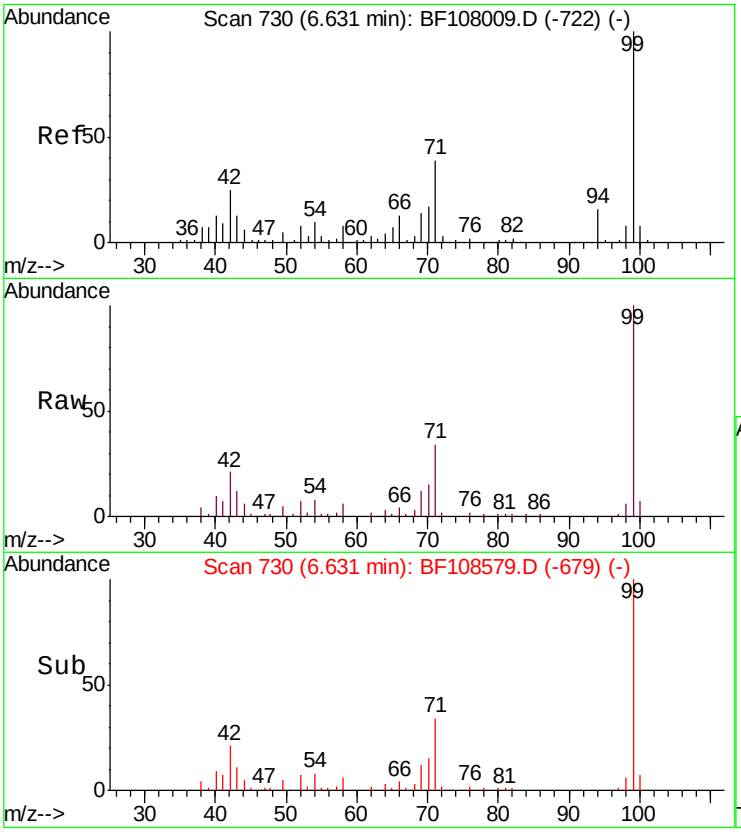


#5
2-Fluorophenol
Concen: 29.906 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108579.D
Acq: 29 Aug 2018 2:28

Tgt Ion:112 Resp: 154915

Ion	Ratio	Lower	Upper
112	100		
64	63.4	47.9	71.9
63	33.5	23.7	35.5



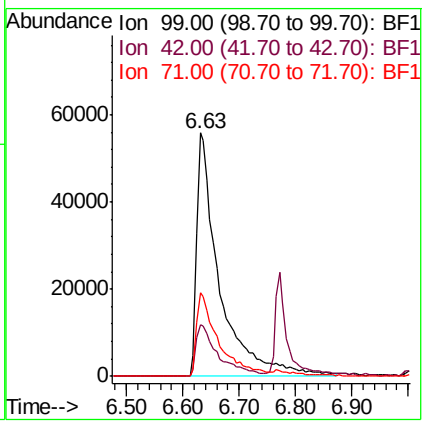


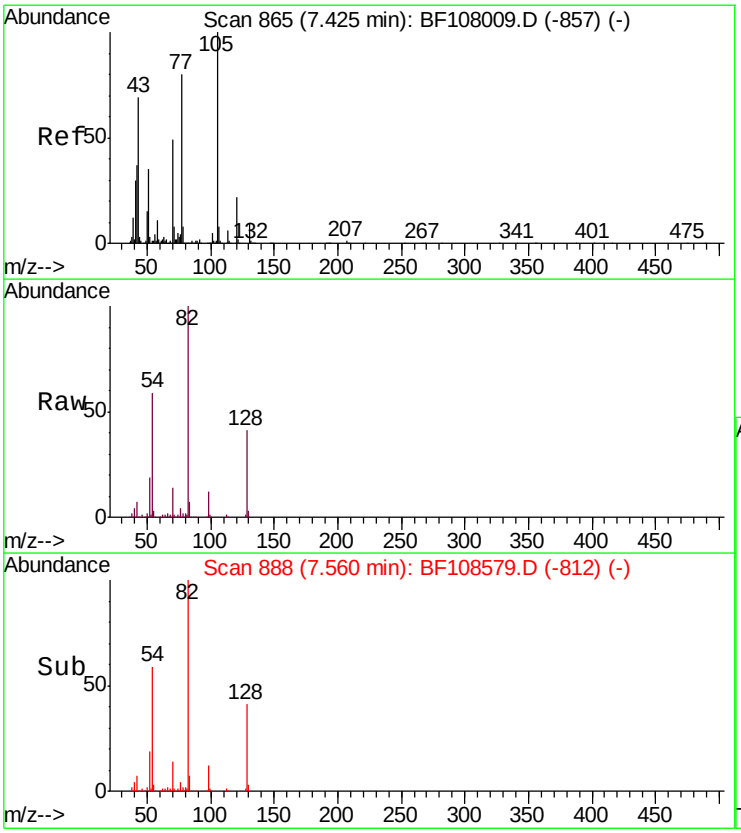
#7
Phenol-d6
Concen: 22.722 ng
RT: 6.63 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF108579.D
Acq: 29 Aug 2018 2:28

Instrument :
BNA_F
ClientSampleId :
082418-SIDI-F-D-M

Tgt Ion: 99 Resp: 156414

Ion	Ratio	Lower	Upper
99	100		
42	21.0	14.5	21.7
71	34.2	25.4	38.0

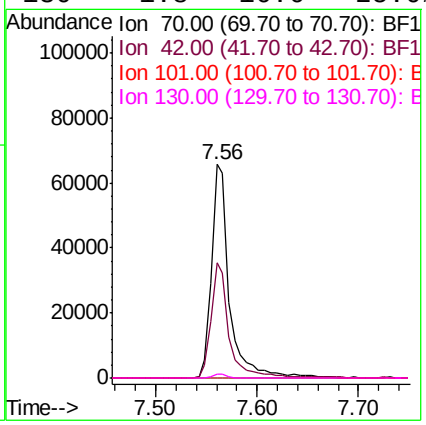


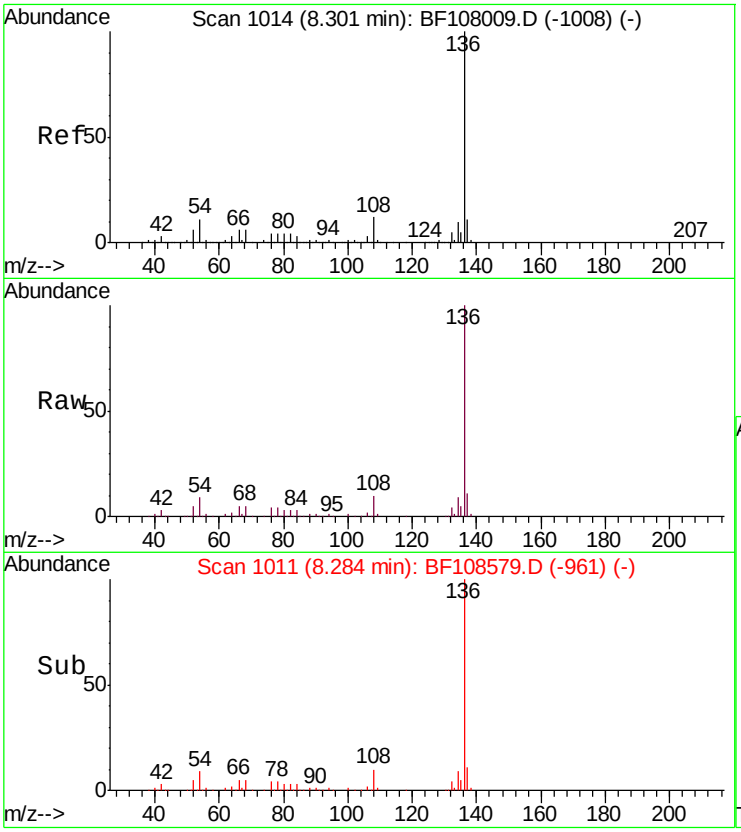


#19
n-Nitroso-di-n-propylamine
Concen: 17.322 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.15 min
Lab File: BF108579.D
Acq: 29 Aug 2018 2:28

Tgt Ion: 70 Resp: 80634

Ion	Ratio	Lower	Upper
70	100		
42	54.1	47.5	71.3
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#



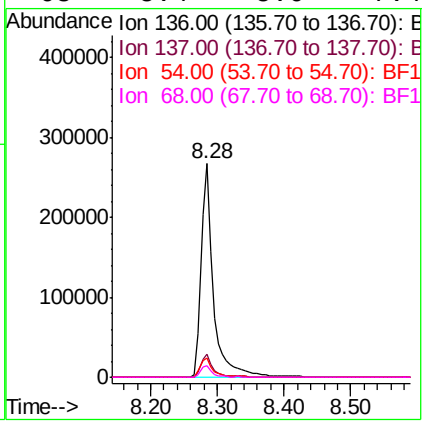


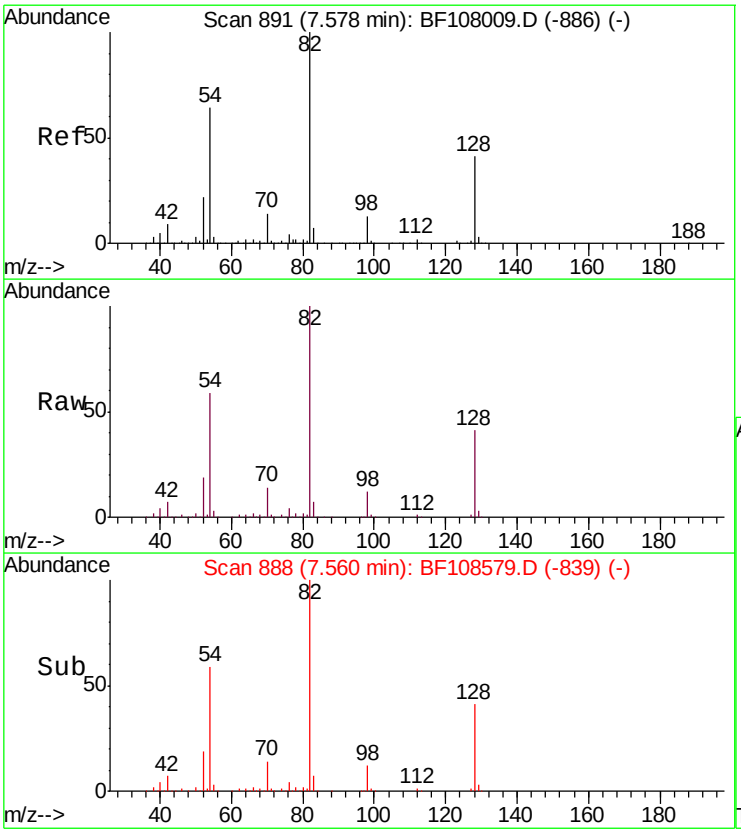
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108579.D
Acq: 29 Aug 2018 2:28

Instrument :
BNA_F
ClientSampleId :
082418-SIDI-F-D-M

Tgt Ion:136 Resp: 334053

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.9	6.6	9.8
68	5.4	5.0	7.4

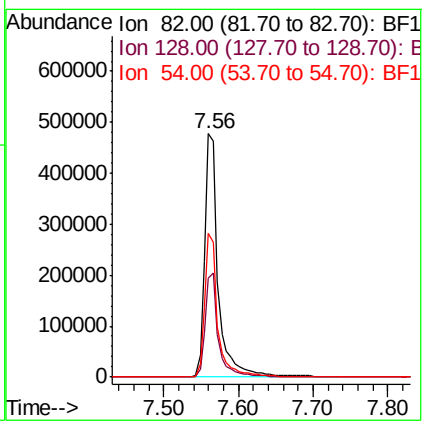


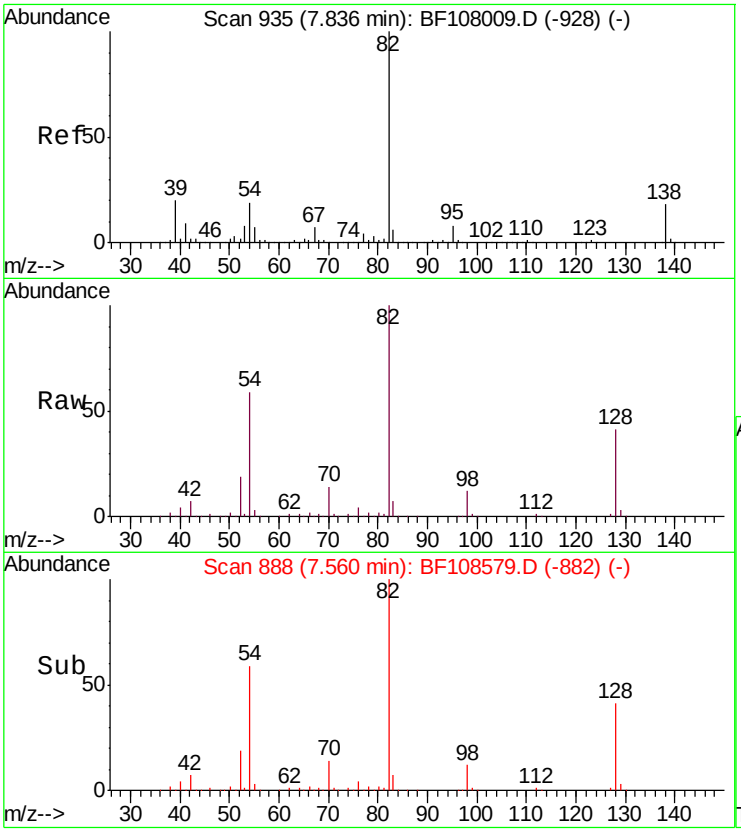


#23
Nitrobenzene-d5
Concen: 101.578 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108579.D
Acq: 29 Aug 2018 2:28

Tgt Ion: 82 Resp: 608095

Ion	Ratio	Lower	Upper
82	100		
128	40.8	36.1	54.1
54	59.1	41.4	62.2



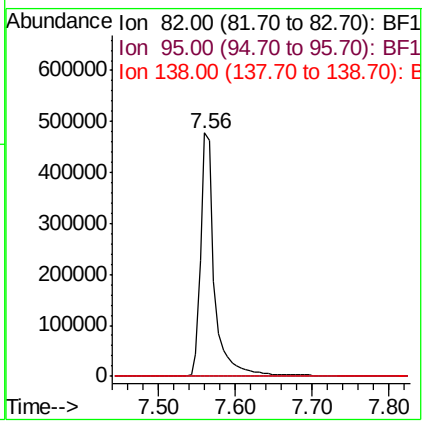


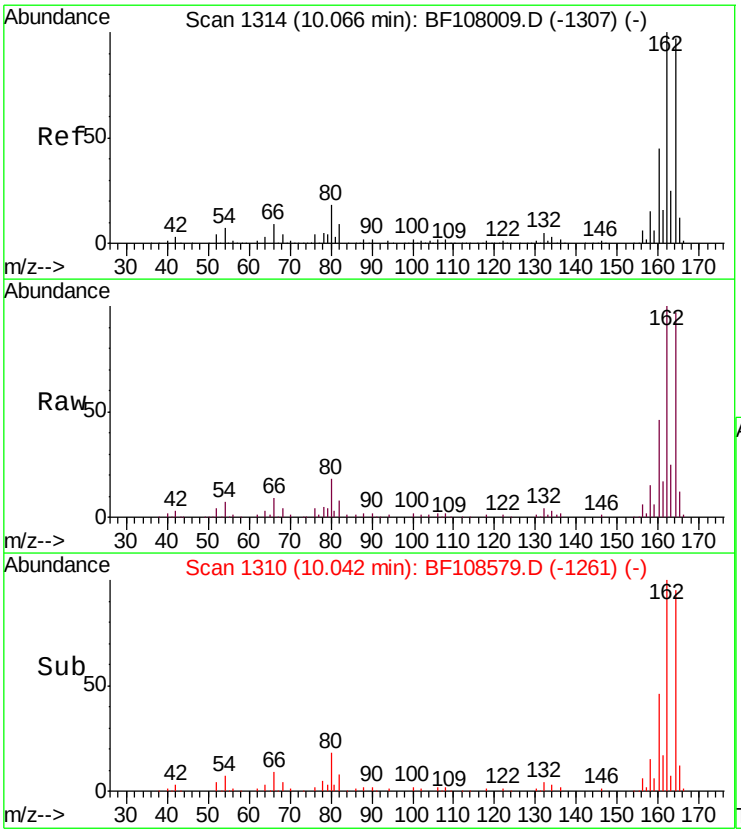
#25
Isophorone
Concen: 53.292 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108579.D
Acq: 29 Aug 2018 2:28

Instrument :
BNA_F
ClientSampleId :
082418-SIDI-F-D-M

Tgt Ion: 82 Resp: 608090

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

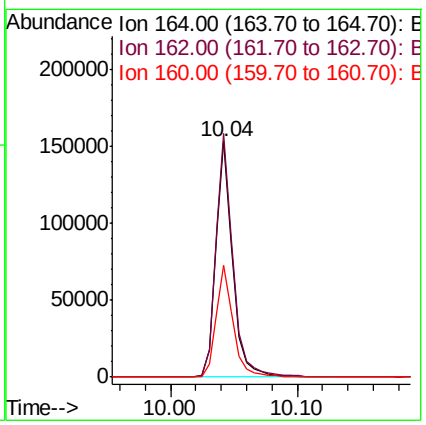


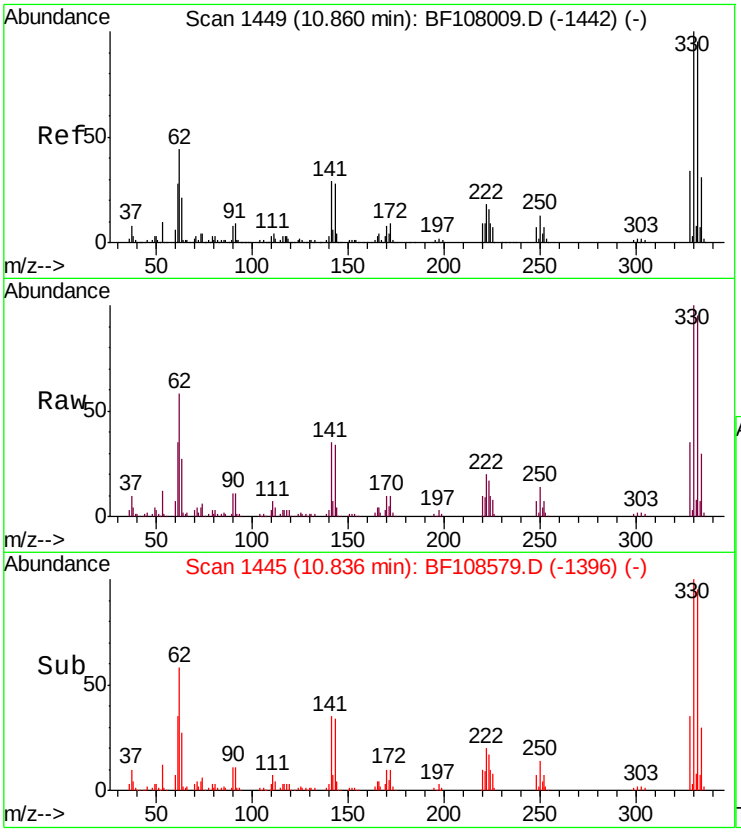


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108579.D
Acq: 29 Aug 2018 2:28

Tgt Ion:164 Resp: 143313

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	47.7	38.3	57.5



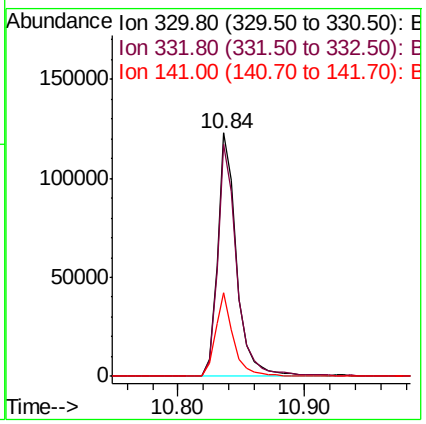


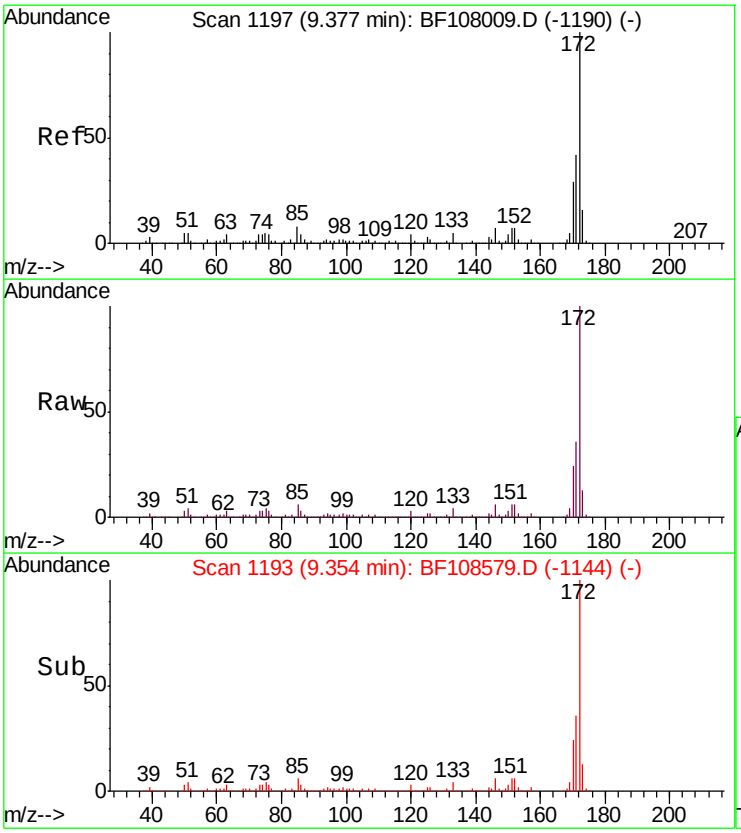
#41
2,4,6-Tribromophenol
Concen: 90.820 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108579.D
Acq: 29 Aug 2018 2:28

Instrument :
BNA_F
ClientSampleId :
082418-SIDI-F-D-M

Tgt Ion:330 Resp: 129828

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	32.3	29.9	44.9

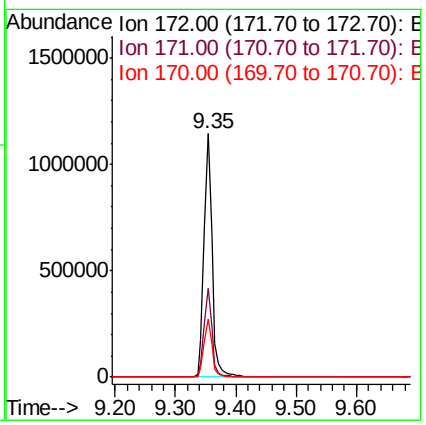


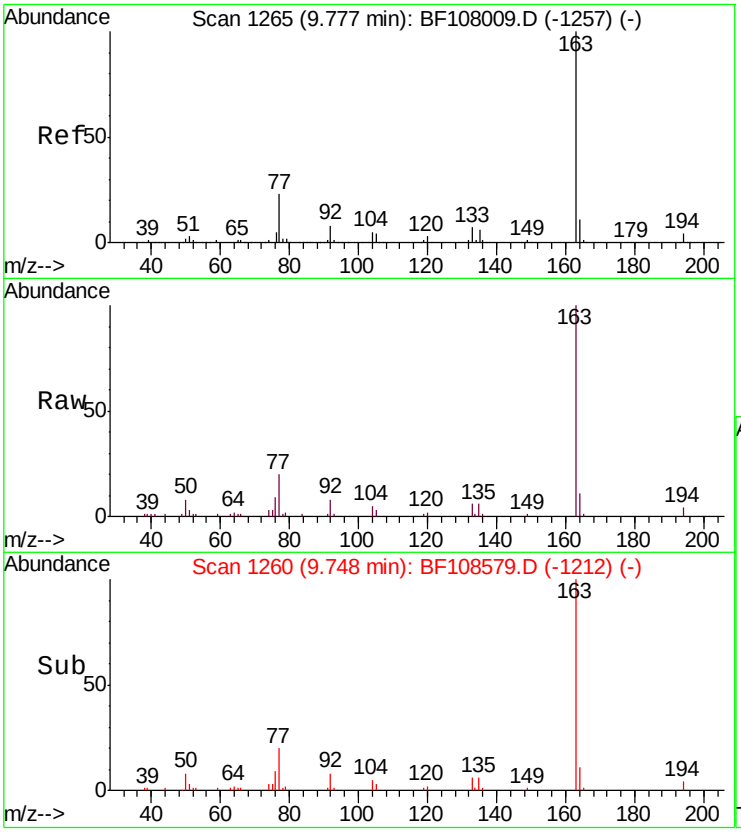


#44
2-Fluorobiphenyl
Concen: 120.793 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108579.D
Acq: 29 Aug 2018 2:28

Tgt Ion:172 Resp: 1078266

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.8	19.6	29.4



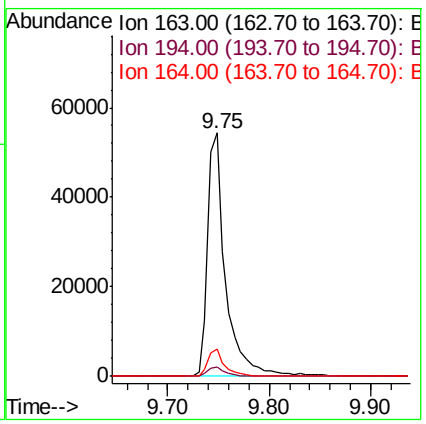


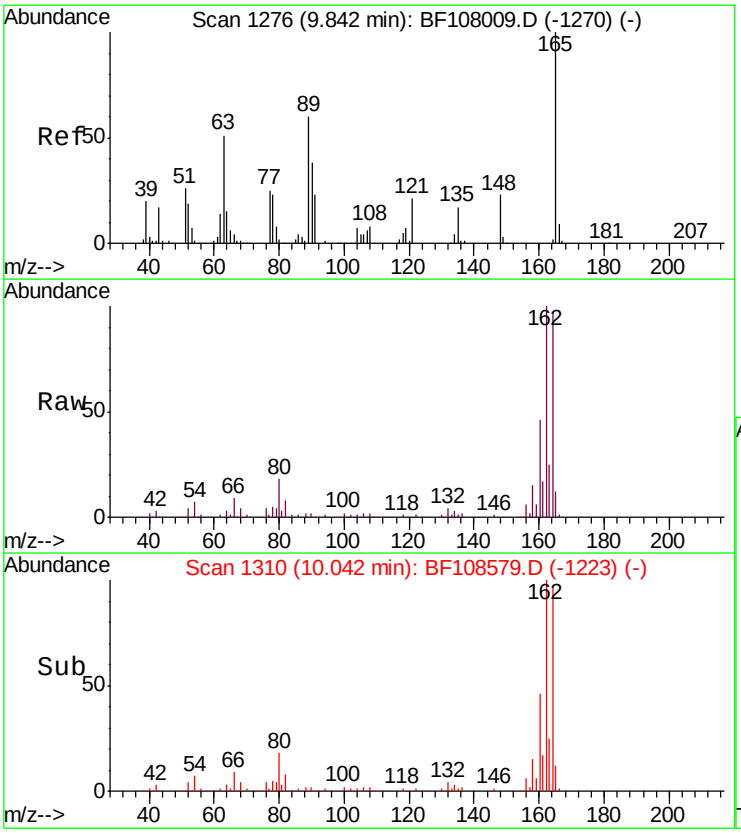
#49
Dimethylphthalate
Concen: 6.708 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108579.D
Acq: 29 Aug 2018 2:28

Instrument :
BNA_F
ClientSampleId :
082418-SIDI-F-D-M

Tgt Ion:163 Resp: 66969

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	11.1	8.2	12.2

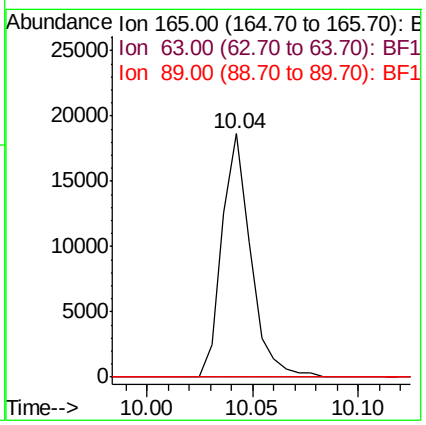


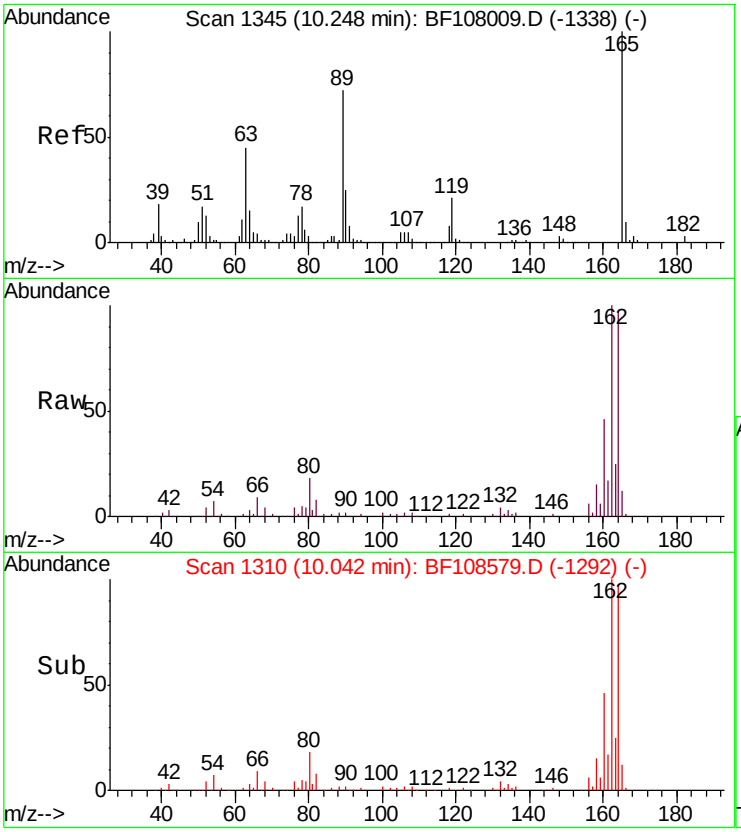


#50
2,6-Dinitrotoluene
Concen: 8.382 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108579.D
Acq: 29 Aug 2018 2:28

Tgt Ion:165 Resp: 17506

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



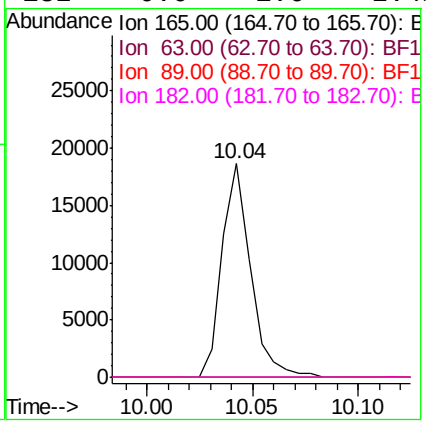


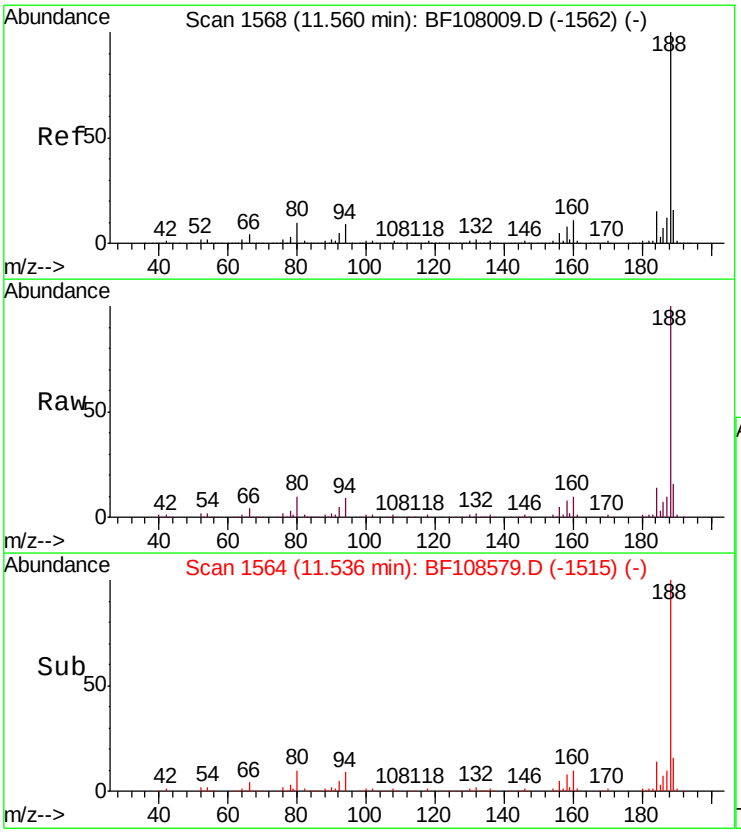
#56
2,4-Dinitrotoluene
Concen: 6.512 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108579.D
Acq: 29 Aug 2018 2:28

Instrument :
BNA_F
ClientSampleId :
082418-SIDI-F-D-M

Tgt Ion:165 Resp: 17506

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

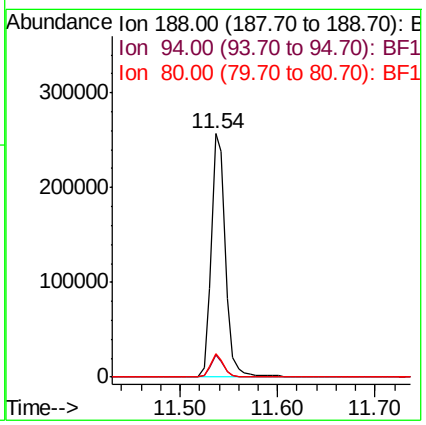


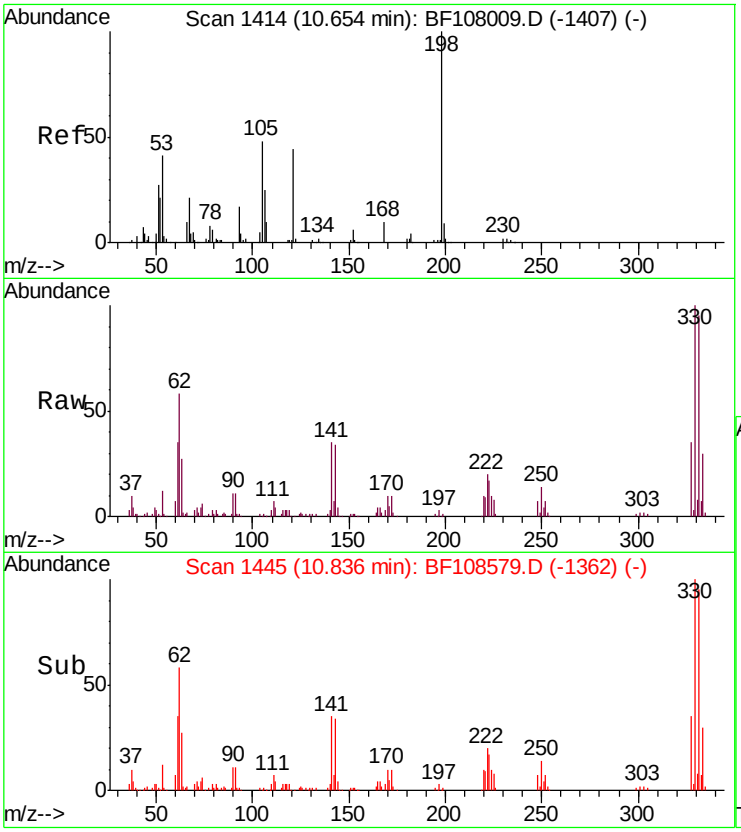


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108579.D
Acq: 29 Aug 2018 2:28

Tgt Ion:188 Resp: 258310

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.7	9.2	13.8



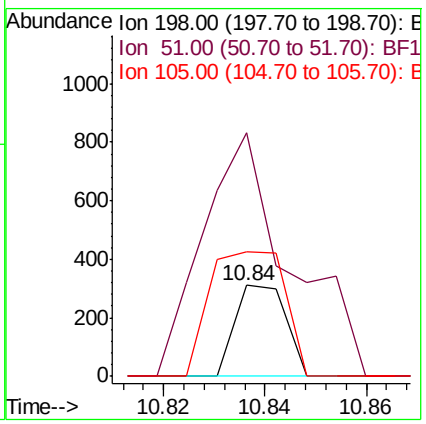


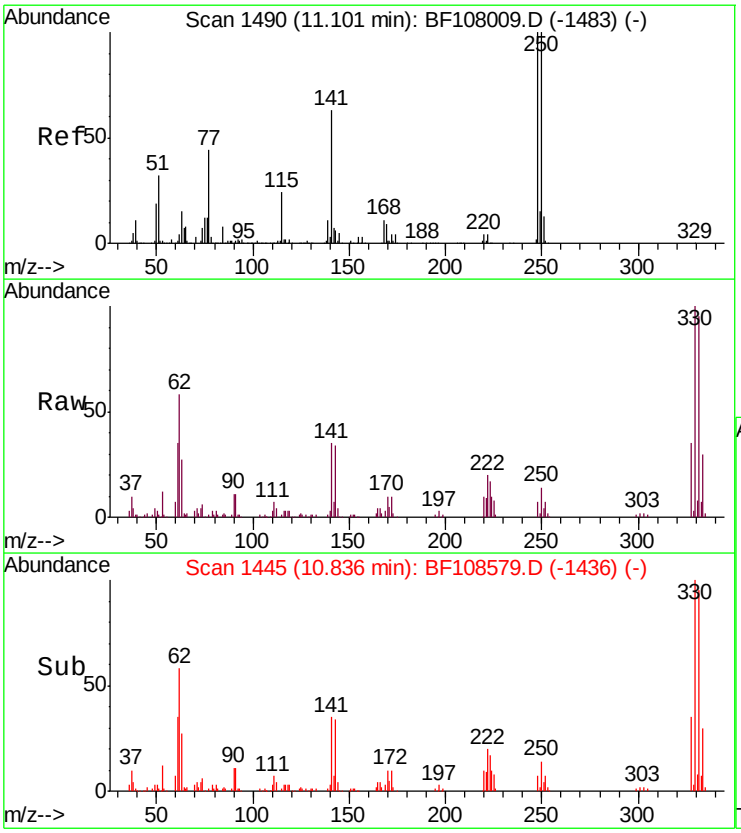
#64
4,6-Dinitro-2-methylphenol
Concen: 5.556 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108579.D
Acq: 29 Aug 2018 2:28

Instrument :
BNA_F
ClientSampleId :
082418-SIDI-F-D-M

Tgt Ion:198 Resp: 216

Ion	Ratio	Lower	Upper
198	100		
51	267.5	37.7	77.7#
105	136.7	36.3	76.3#

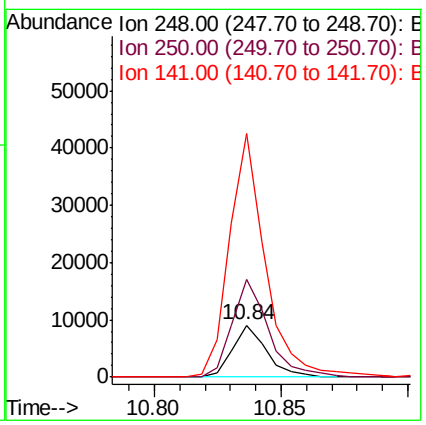


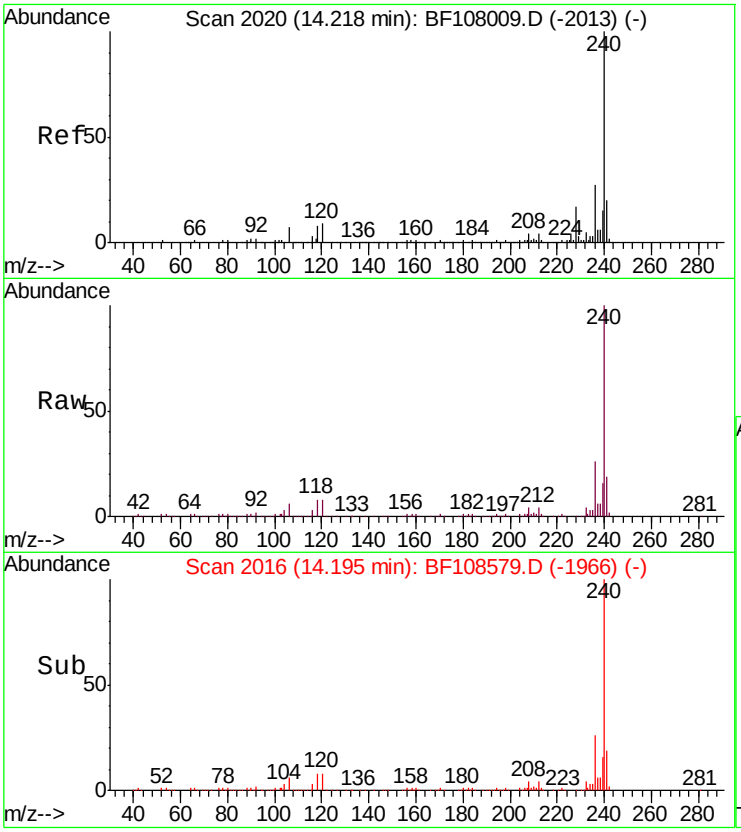


#66
4-Bromophenyl-phenylether
Concen: 3.002 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108579.D
Acq: 29 Aug 2018 2:28

Tgt Ion:248 Resp: 8426

Ion	Ratio	Lower	Upper
248	100		
250	187.0	76.9	115.3#
141	468.8	74.4	111.6#



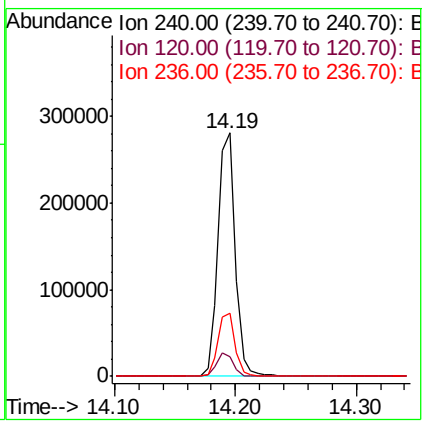


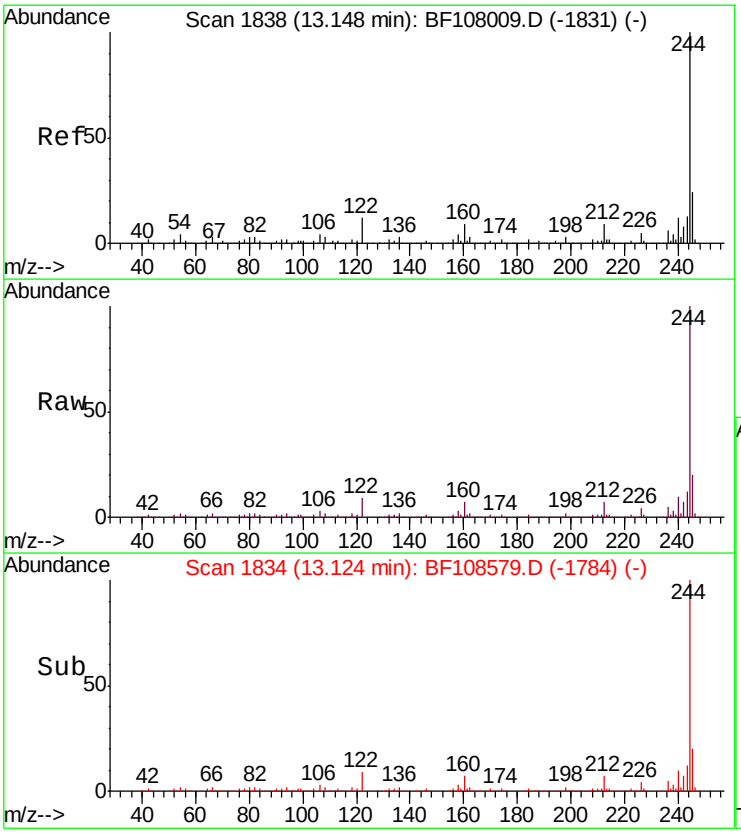
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108579.D
Acq: 29 Aug 2018 2:28

Instrument :
BNA_F
ClientSampleId :
082418-SIDI-F-D-M

Tgt Ion:240 Resp: 274791

Ion	Ratio	Lower	Upper
240	100		
120	8.3	9.5	14.3#
236	26.1	20.7	31.1

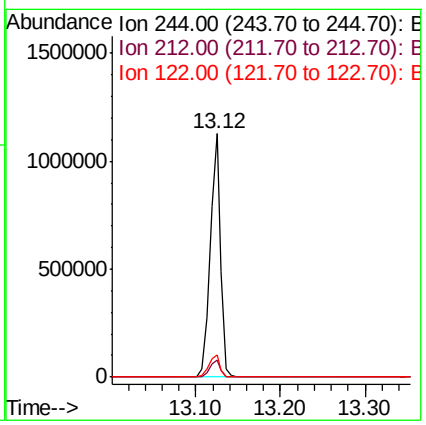


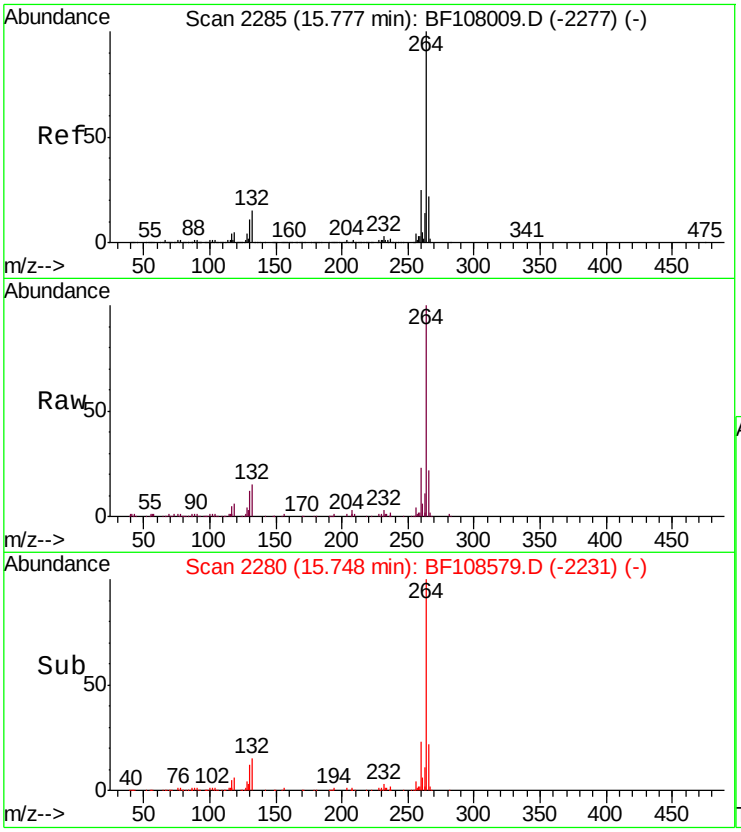


#78
Terphenyl-d14
Concen: 90.912 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108579.D
Acq: 29 Aug 2018 2:28

Tgt Ion:244 Resp: 982545

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	9.3	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108579.D
Acq: 29 Aug 2018 2:28

Instrument :
BNA_F
ClientSampleId :
082418-SIDI-F-D-M

Tgt Ion:264 Resp: 221411

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.7	17.5	26.3