Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082418\
Data File : BF108474.D
Acq On : 24 Aug 2018 20:14
Operator : JU/SJ
Sample : J4581-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q3-C2

Quant Time: Aug 25 00:29:59 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	131272	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	508972	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	265644	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	497770	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	280325	20.00	ng	-0.01
86) Perylene-d12	15.74	264	278840	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	728134	100.42	ng	0.00
7) Phenol-d6	6.62	99	995713	103.34	ng	0.00
23) Nitrobenzene-d5	7.56	82	661398	72.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	292379	110.34	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1107996	66.96	ng	-0.01
78) Terphenyl-d14	13.12	244	1085381	98.44	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.63	94	20283	2.035	ng	# 63
19) n-Nitroso-di-n-propylamine	7.56	70	89585	13.749	ng	# 84
25) Isophorone	7.56	82	661389	38.043	ng	# 64
49) Dimethylphthalate	9.74	163	146367	7.910	ng	99
56) 2,4-Dinitrotoluene	10.04	165	33649	6.752	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	687	5.685	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	19315	3.571	ng	# 1

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

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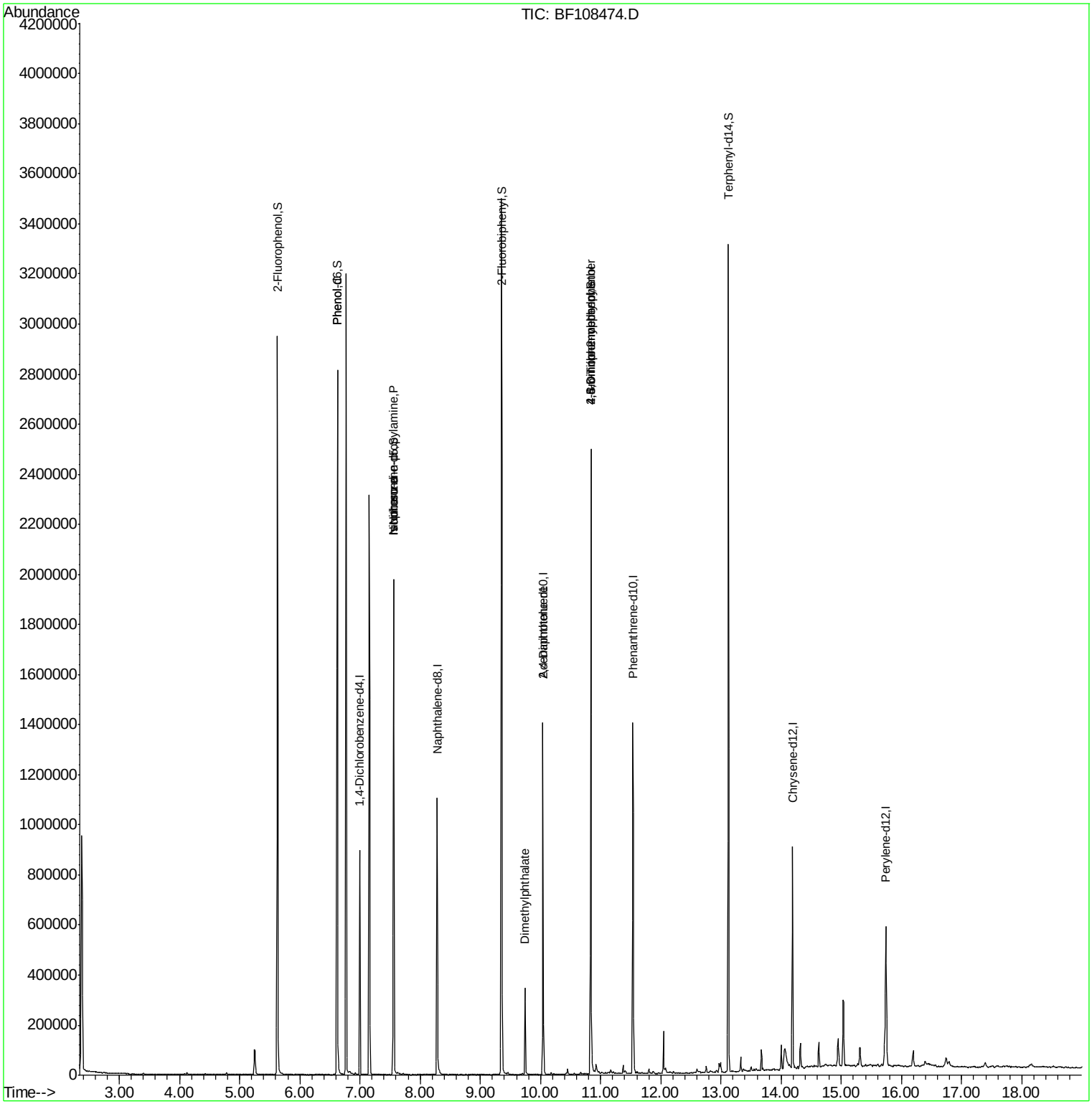
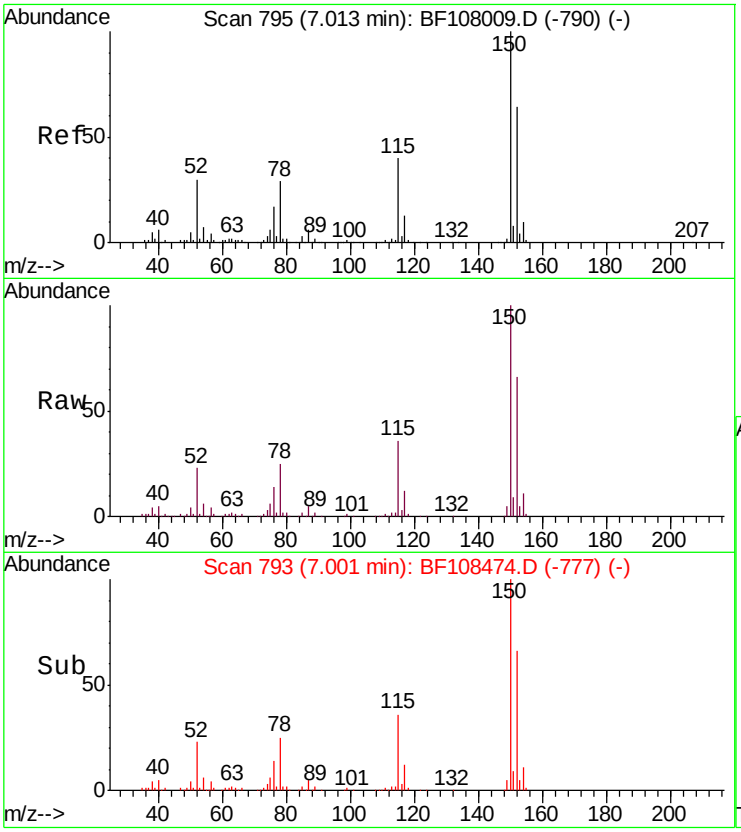


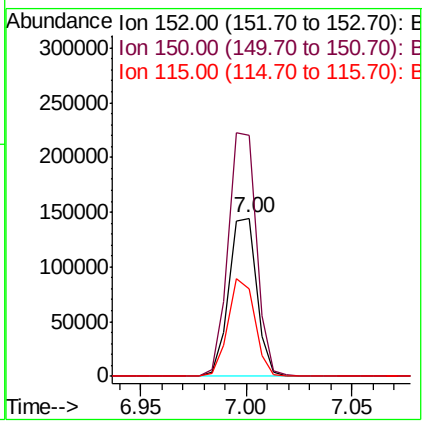


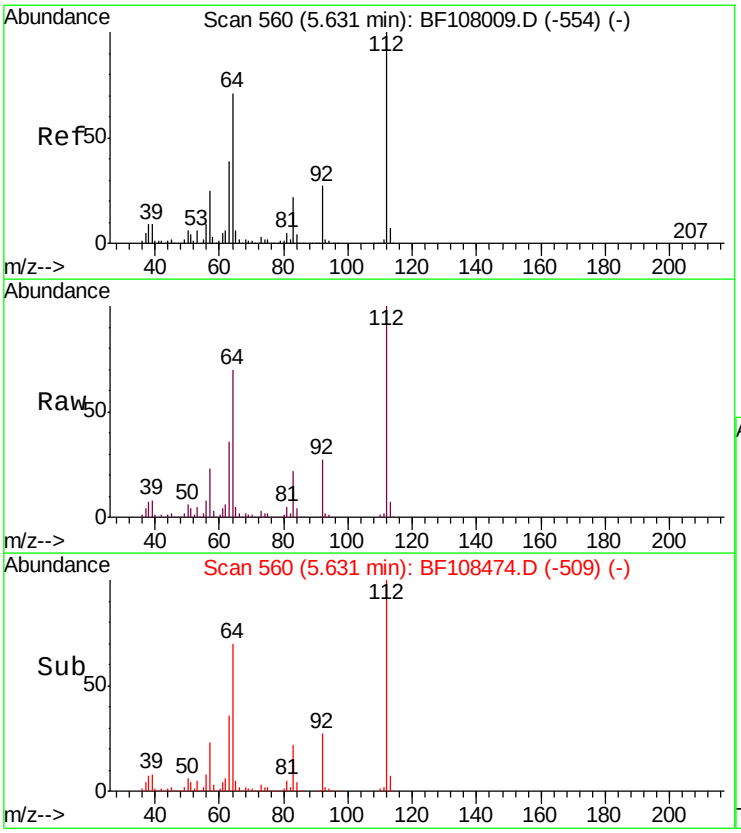
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108474.D
Acq: 24 Aug 2018 20:14

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2

Tgt Ion:152 Resp: 131272

Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.6	186.8
115	55.4	50.1	75.1

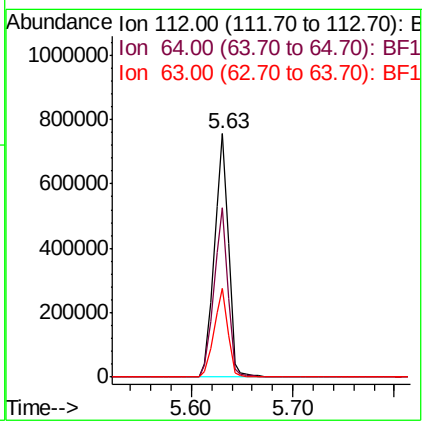


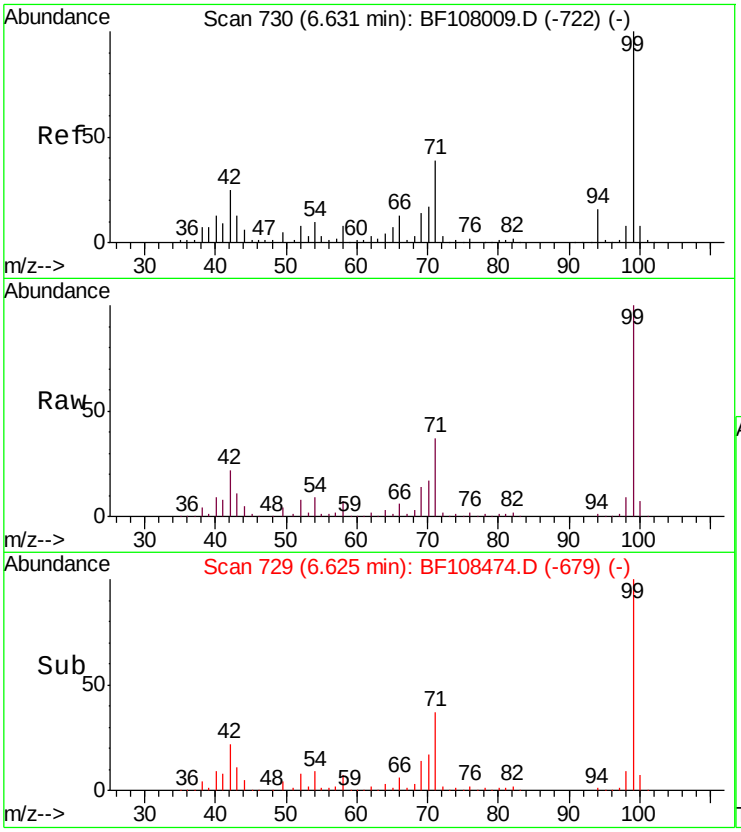


#5
2-Fluorophenol
Concen: 100.422 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108474.D
Acq: 24 Aug 2018 20:14

Tgt Ion:112 Resp: 728134

Ion	Ratio	Lower	Upper
112	100		
64	69.6	47.9	71.9
63	36.4	23.7	35.5#



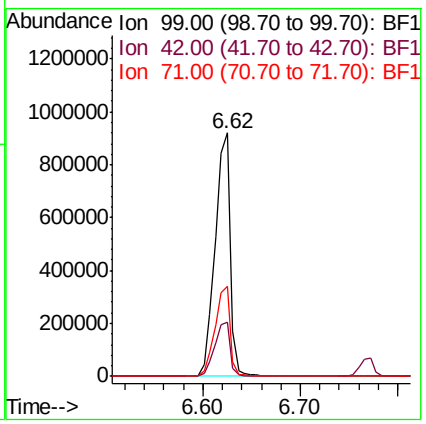


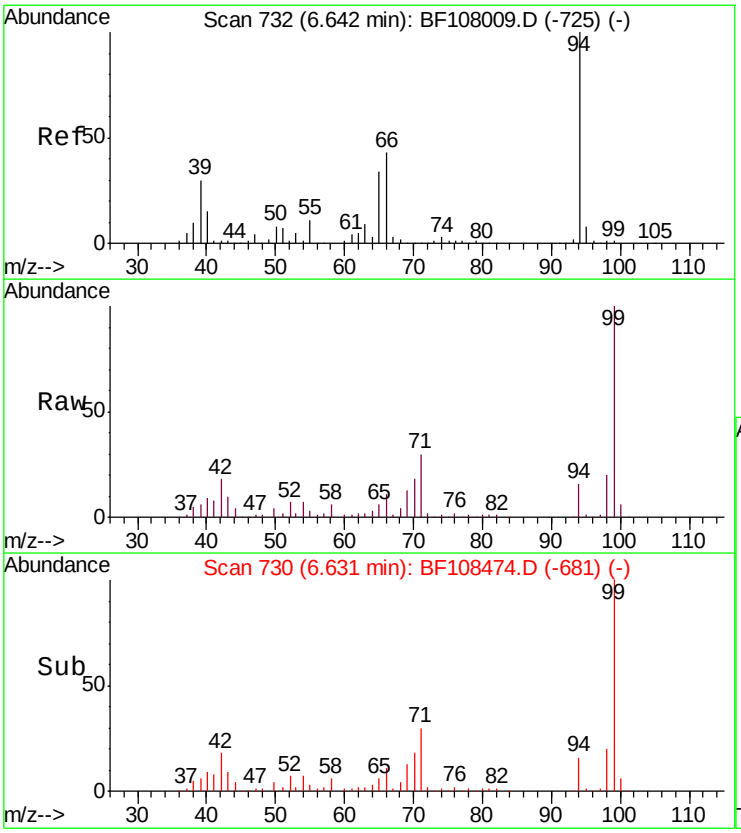
#7
Phenol-d6
Concen: 103.340 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF108474.D
Acq: 24 Aug 2018 20:14

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2

Tgt Ion: 99 Resp: 995713

Ion	Ratio	Lower	Upper
99	100		
42	22.1	14.5	21.7#
71	37.2	25.4	38.0

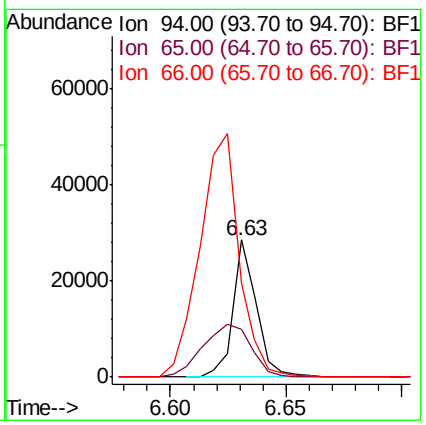


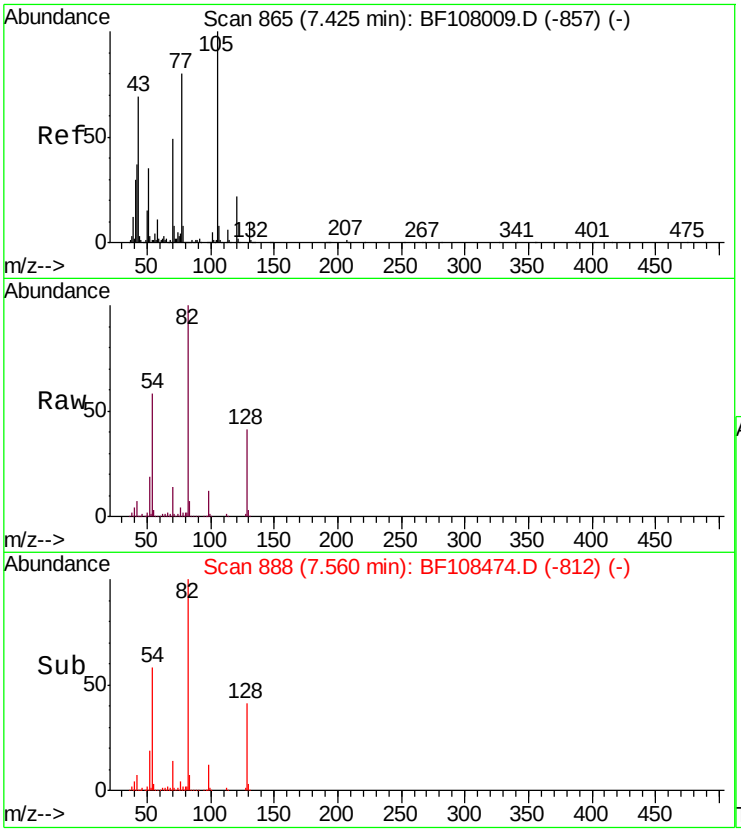


#10
Phenol
Concen: 2.035 ng
RT: 6.63 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF108474.D
Acq: 24 Aug 2018 20:14

Tgt Ion: 94 Resp: 20283

Ion	Ratio	Lower	Upper
94	100		
65	34.6	7.9	47.9
66	68.9	16.2	56.2#



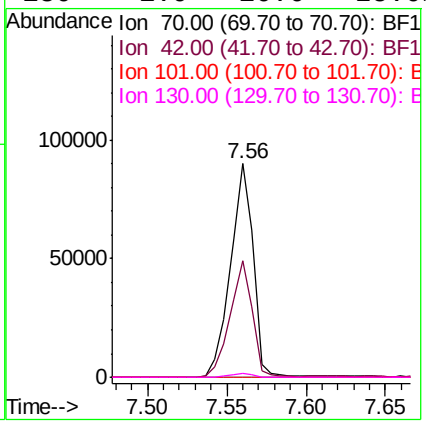


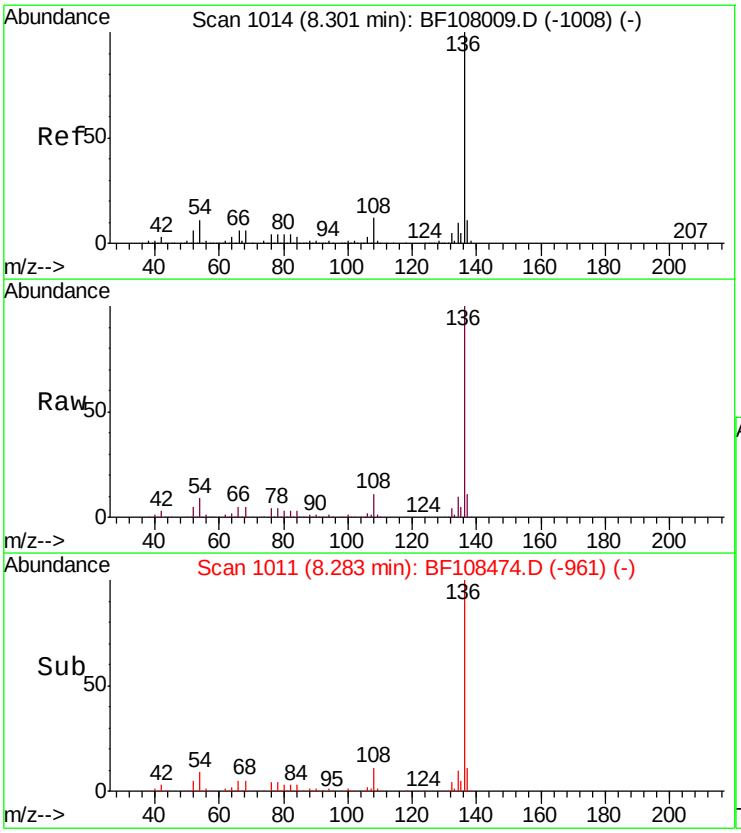
#19
n-Nitroso-di-n-propylamine
Concen: 13.749 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.15 min
Lab File: BF108474.D
Acq: 24 Aug 2018 20:14

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2

Tgt Ion: 70 Resp: 89585

Ion	Ratio	Lower	Upper
70	100		
42	54.8	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

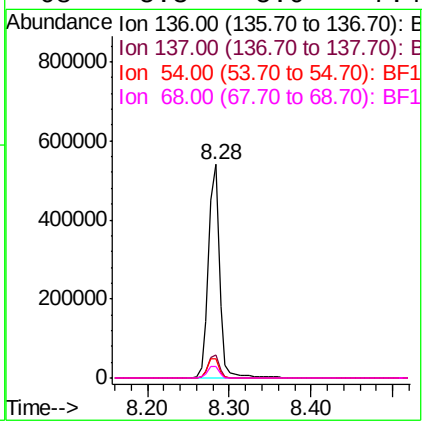


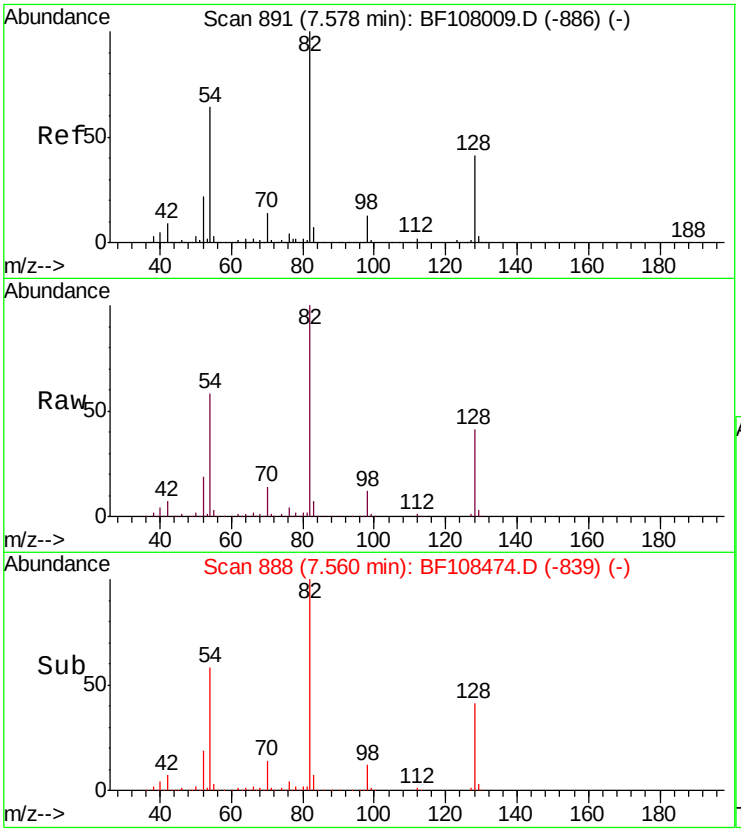


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108474.D
Acq: 24 Aug 2018 20:14

Tgt Ion:136 Resp: 508972

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.1	6.6	9.8
68	5.3	5.0	7.4



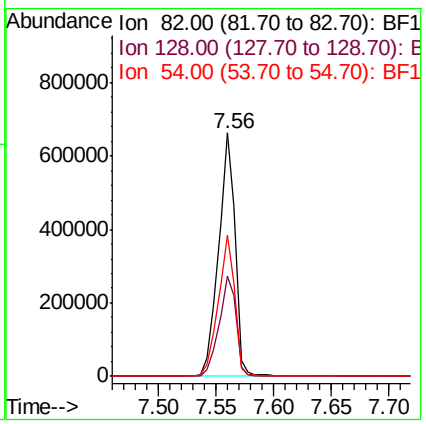


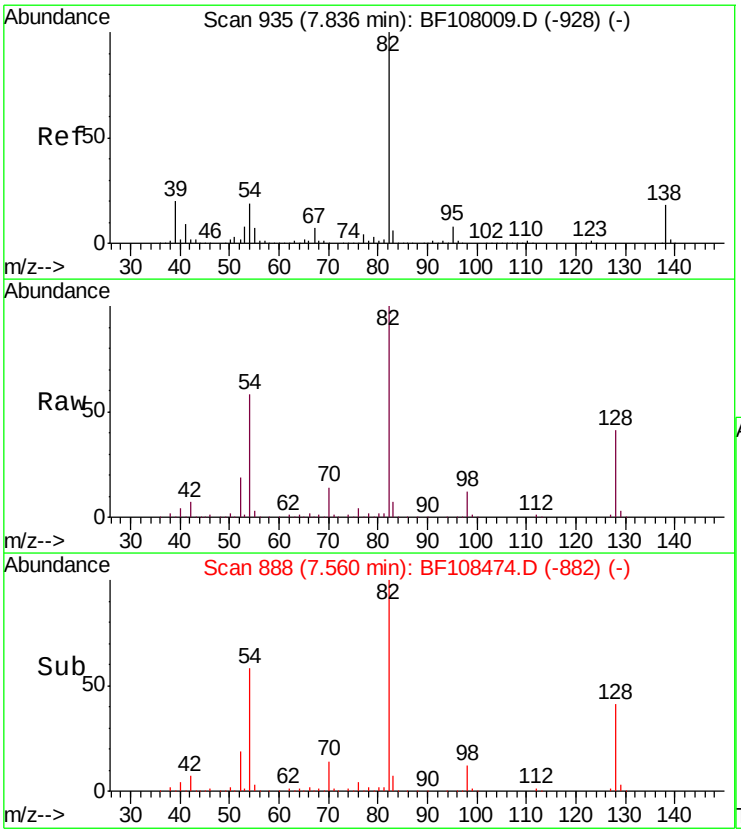
#23
Nitrobenzene-d5
Concen: 72.513 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108474.D
Acq: 24 Aug 2018 20:14

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2

Tgt Ion: 82 Resp: 661398

Ion	Ratio	Lower	Upper
82	100		
128	41.0	36.1	54.1
54	58.2	41.4	62.2

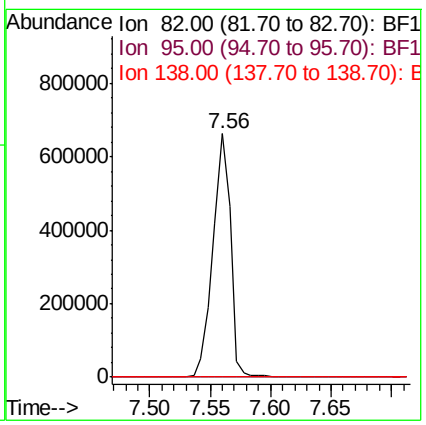


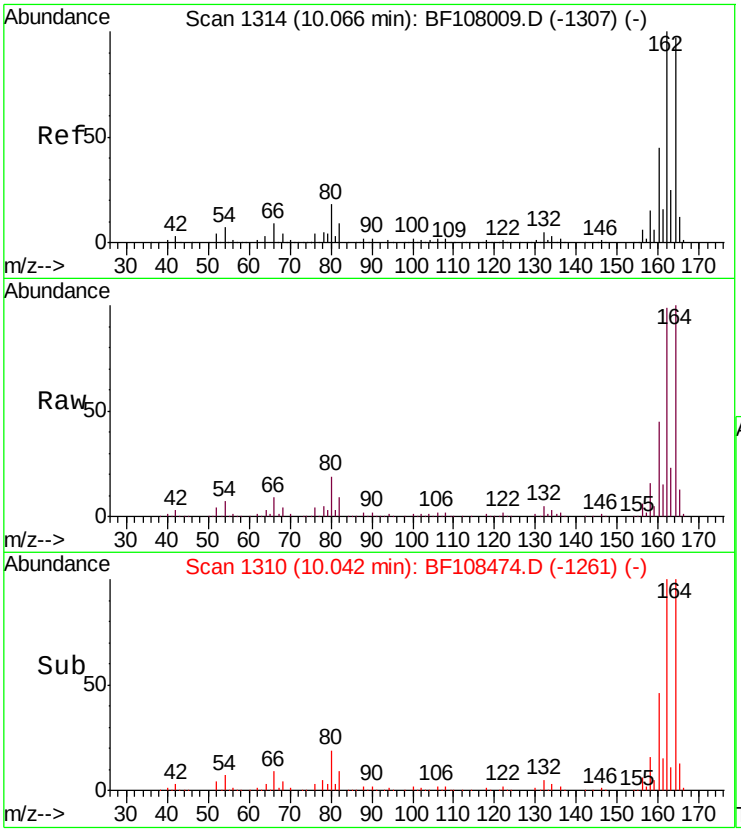


#25
Isophorone
Concen: 38.043 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108474.D
Acq: 24 Aug 2018 20:14

Tgt Ion: 82 Resp: 661389

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



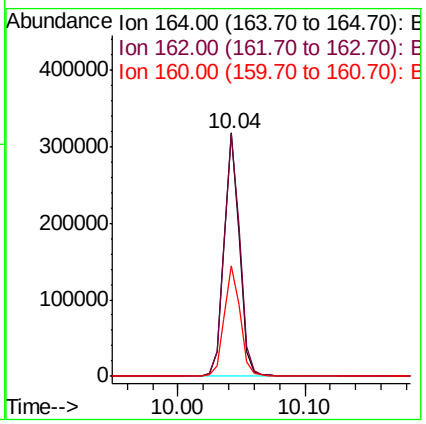


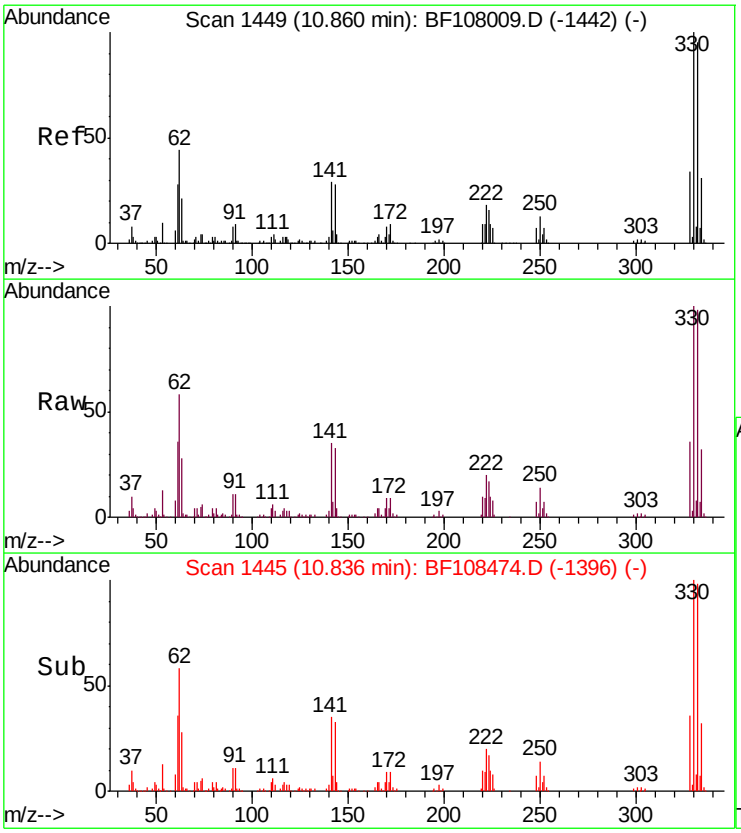
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108474.D
Acq: 24 Aug 2018 20:14

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2

Tgt Ion:164 Resp: 265644

Ion	Ratio	Lower	Upper
164	100		
162	99.3	86.1	129.1
160	45.3	38.3	57.5

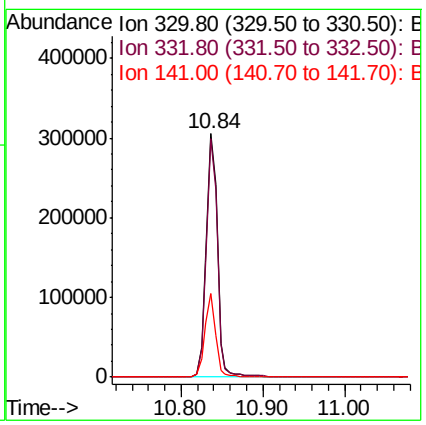


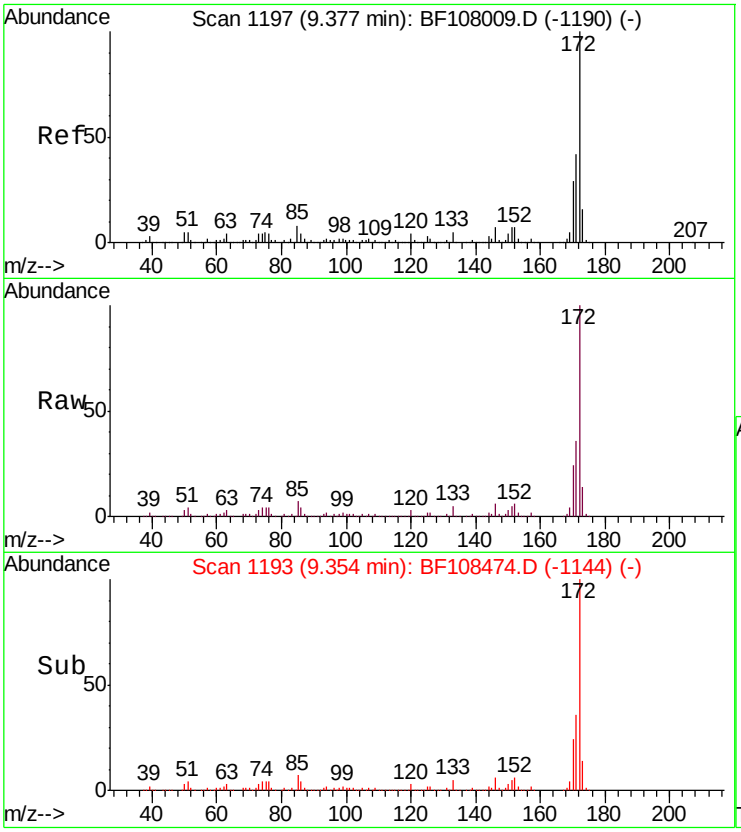


#41
2,4,6-Tribromophenol
Concen: 110.343 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108474.D
Acq: 24 Aug 2018 20:14

Tgt Ion:330 Resp: 292379

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	32.7	29.9	44.9



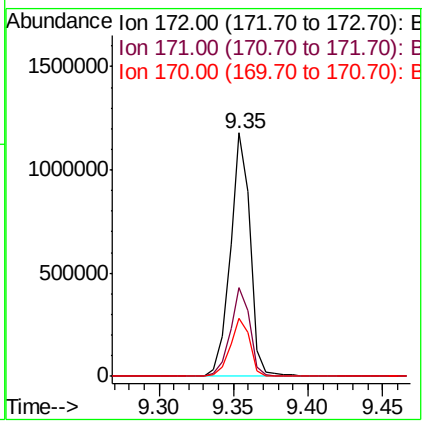


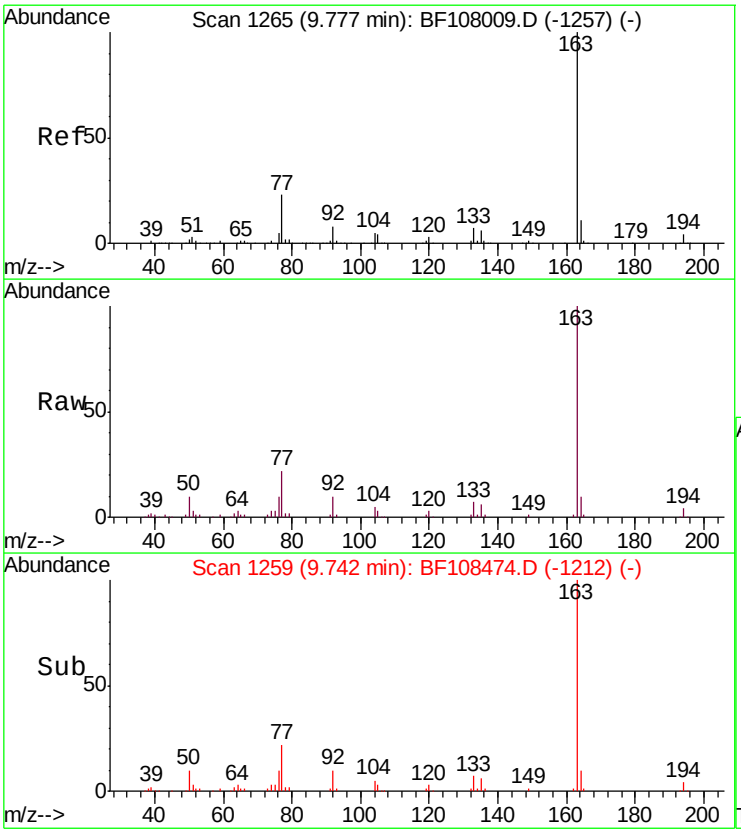
#44
2-Fluorobiphenyl
Concen: 66.964 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108474.D
Acq: 24 Aug 2018 20:14

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2

Tgt Ion:172 Resp: 1107996

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.0	19.6	29.4

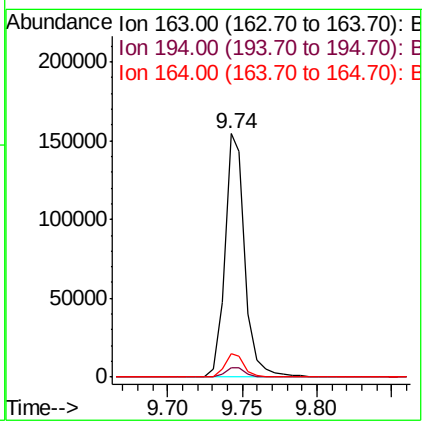


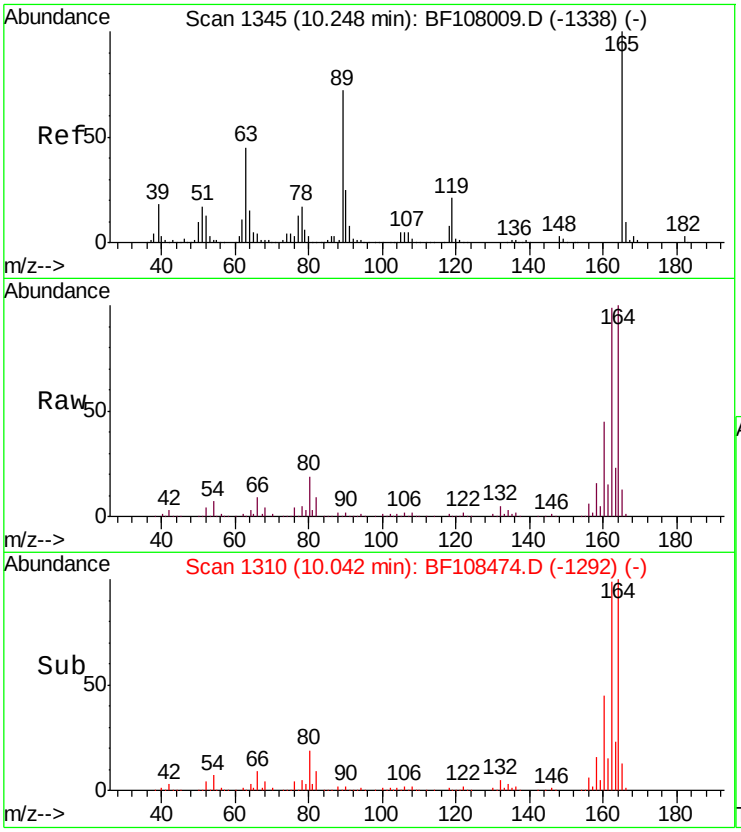


#49
Dimethylphthalate
Concen: 7.910 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108474.D
Acq: 24 Aug 2018 20:14

Tgt Ion:163 Resp: 146367

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.7	8.2	12.2



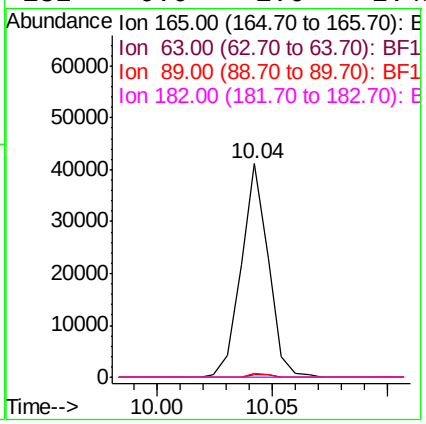


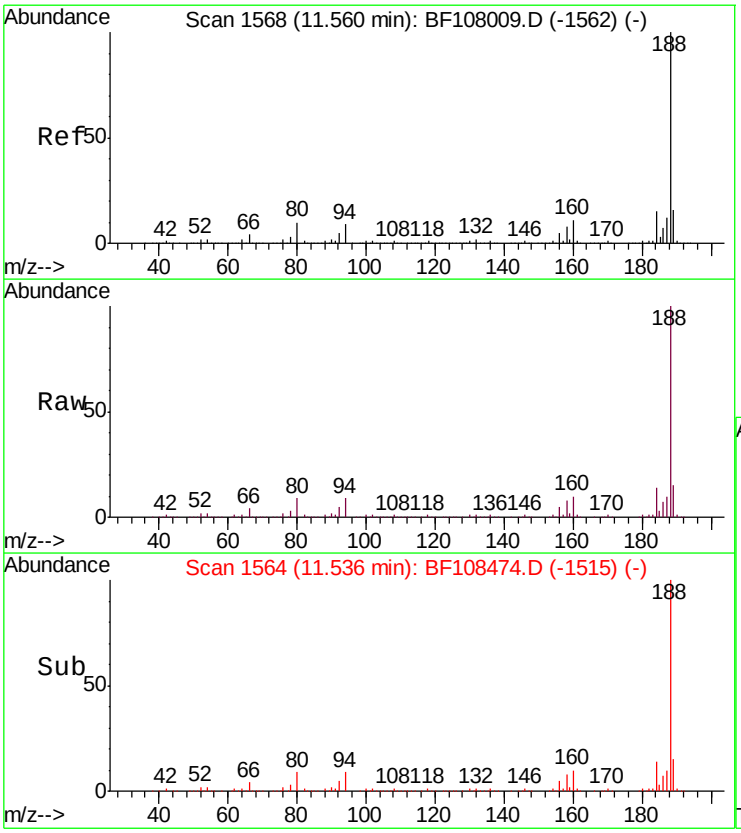
#56
2,4-Dinitrotoluene
Concen: 6.752 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108474.D
Acq: 24 Aug 2018 20:14

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2

Tgt Ion:165 Resp: 33649

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

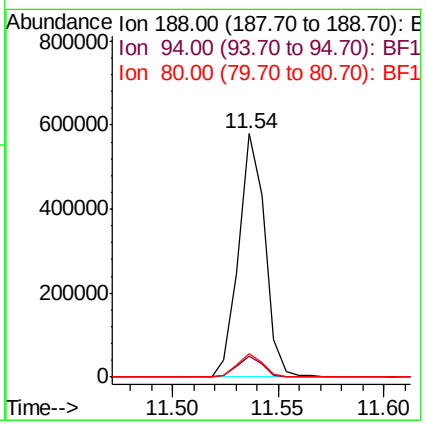


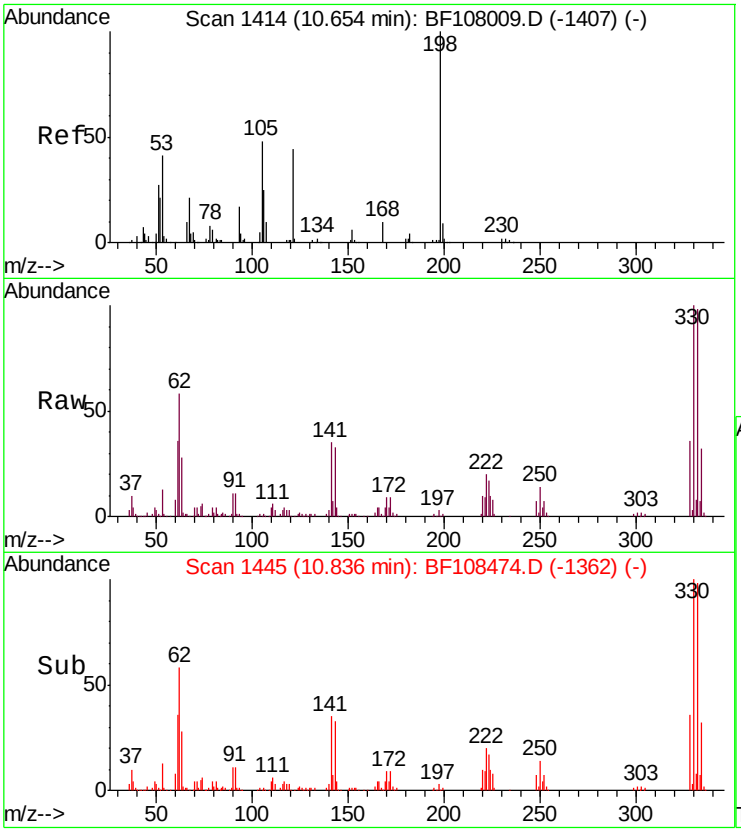


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108474.D
Acq: 24 Aug 2018 20:14

Tgt Ion:188 Resp: 497770

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.4	9.2	13.8



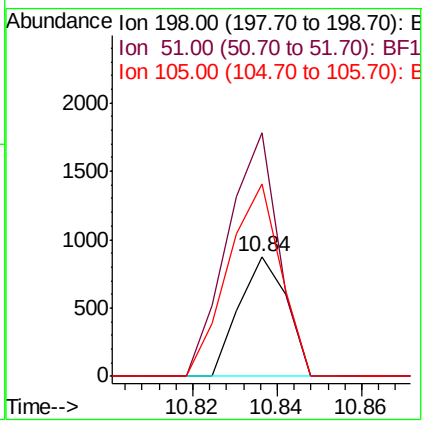


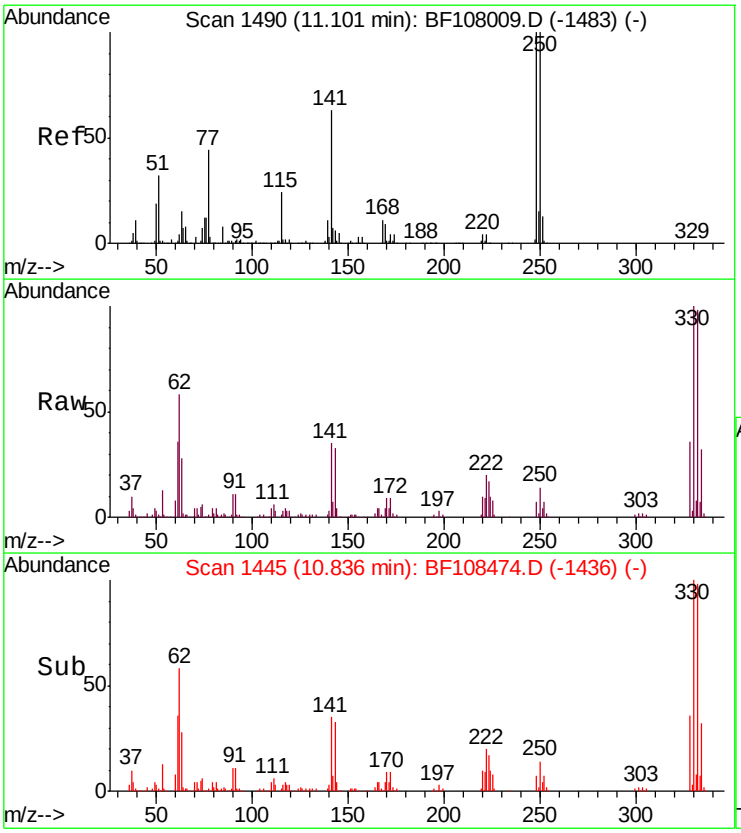
#64
4,6-Dinitro-2-methylphenol
Concen: 5.685 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108474.D
Acq: 24 Aug 2018 20:14

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2

Tgt Ion:198 Resp: 687

Ion	Ratio	Lower	Upper
198	100		
51	202.8	37.7	77.7#
105	159.8	36.3	76.3#

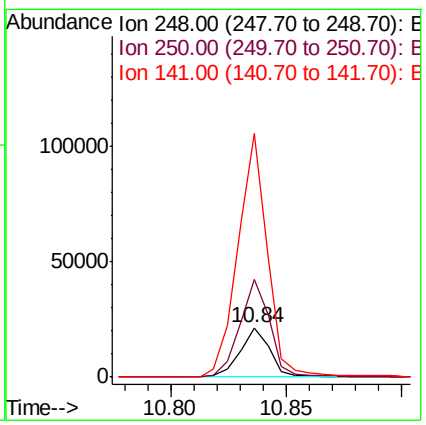


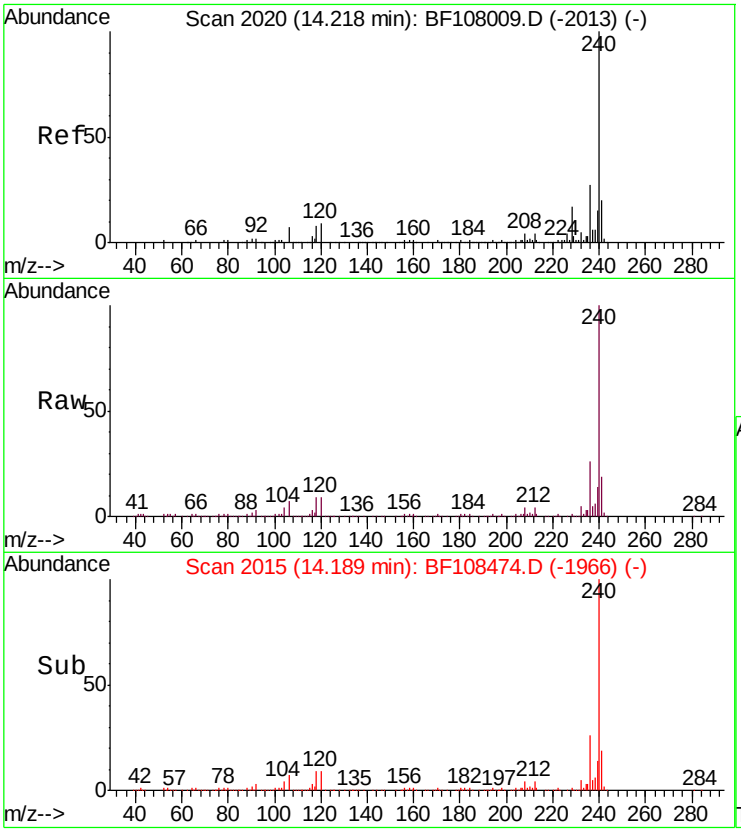


#66
4-Bromophenyl-phenylether
Concen: 3.571 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108474.D
Acq: 24 Aug 2018 20:14

Tgt Ion:248 Resp: 19315

Ion	Ratio	Lower	Upper
248	100		
250	198.1	76.9	115.3#
141	493.5	74.4	111.6#



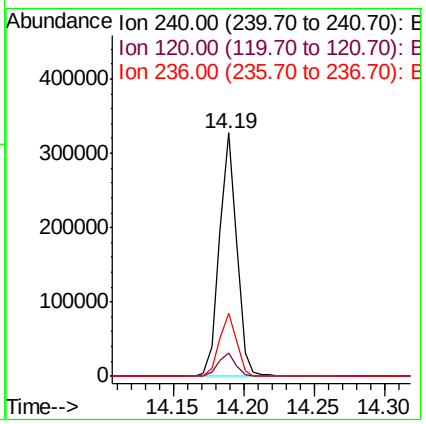


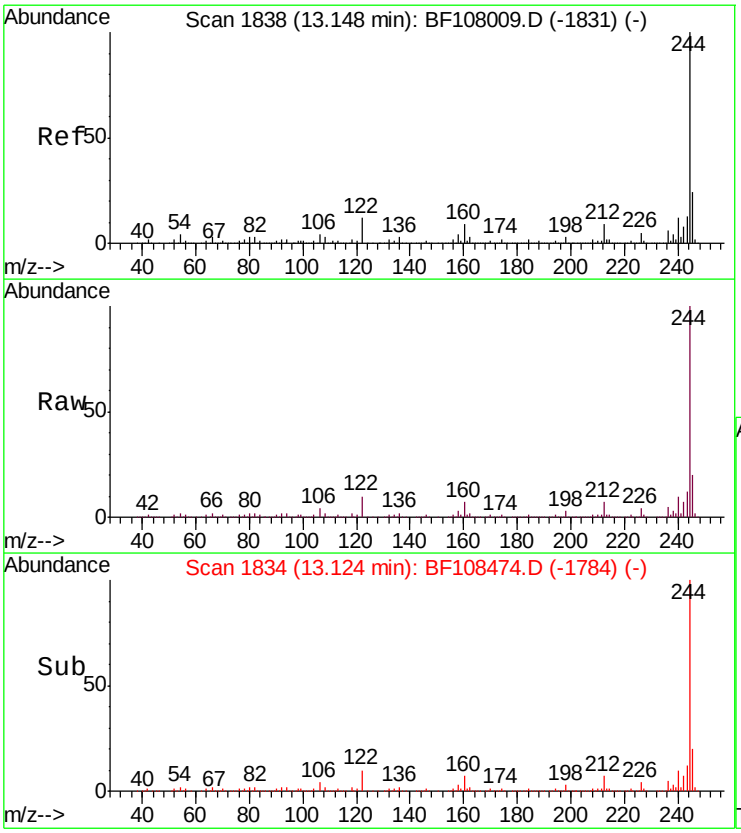
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108474.D
Acq: 24 Aug 2018 20:14

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2

Tgt Ion:240 Resp: 280325

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	26.0	20.7	31.1

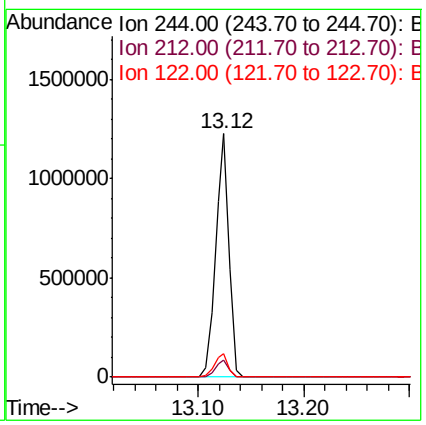


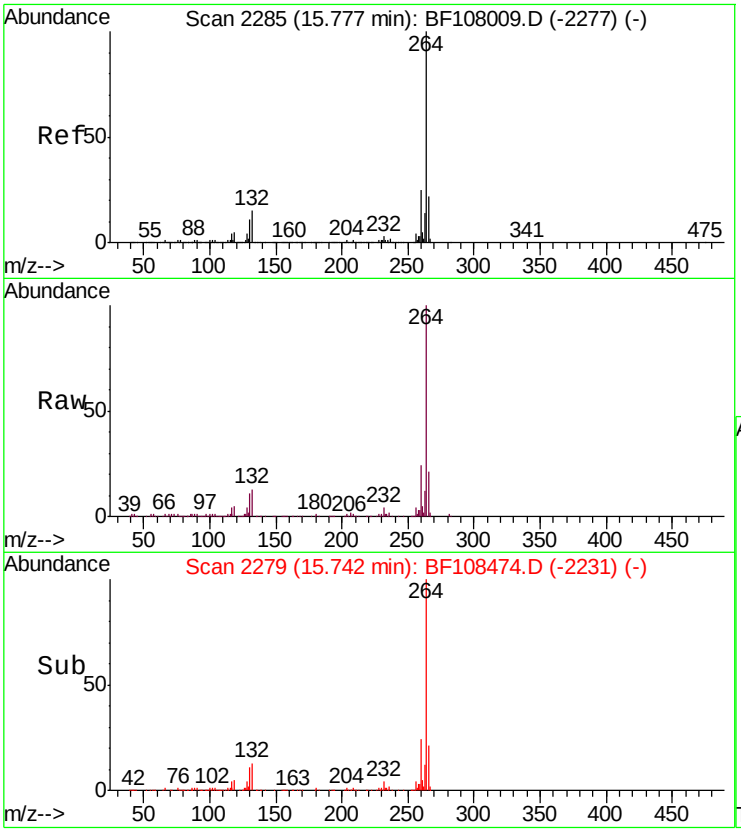


#78
Terphenyl-d14
Concen: 98.445 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108474.D
Acq: 24 Aug 2018 20:14

Tgt Ion:244 Resp: 1085381

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	9.6	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF108474.D
Acq: 24 Aug 2018 20:14

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2

Tgt Ion:264 Resp: 278840

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	20.6	17.5	26.3