Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107808.D
Acq On : 30 Jul 2018 19:00
Operator : JU/SJ
Sample : J4218-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 31 01:02:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	183219	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	800406	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	359540	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	784231	20.00	ng		0.00
75) Chrysene-d12	14.15	240	605214	20.00	ng		0.00
86) Perylene-d12	15.68	264	515954	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1432836	132.91	ng		0.00
7) Phenol-d6	6.60	99	1898847	133.65	ng		0.00
23) Nitrobenzene-d5	7.52	82	1303159	93.80	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	619065	126.72	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	2162546	83.82	ng		0.00
78) Terphenyl-d14	13.08	244	2246885	80.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	100	5.811	ng	#	1
9) Benzaldehyde	6.74	77	33477	3.905	ng		87
10) Phenol	6.61	94	94521	5.579	ng	#	46
15) Benzyl Alcohol	7.11	79	19545	2.213	ng	#	41
19) n-Nitroso-di-n-propylamine	7.52	70	154987	17.196	ng	#	78
25) Isophorone	7.52	82	1318523	57.815	ng	#	64
49) Dimethylphthalate	9.71	163	195771	7.250	ng		99
56) 2,4-Dinitrotoluene	10.00	165	45703	5.926	ng	#	23
66) 4-Bromophenyl-phenylether	10.80	248	36165	3.957	ng	#	1

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

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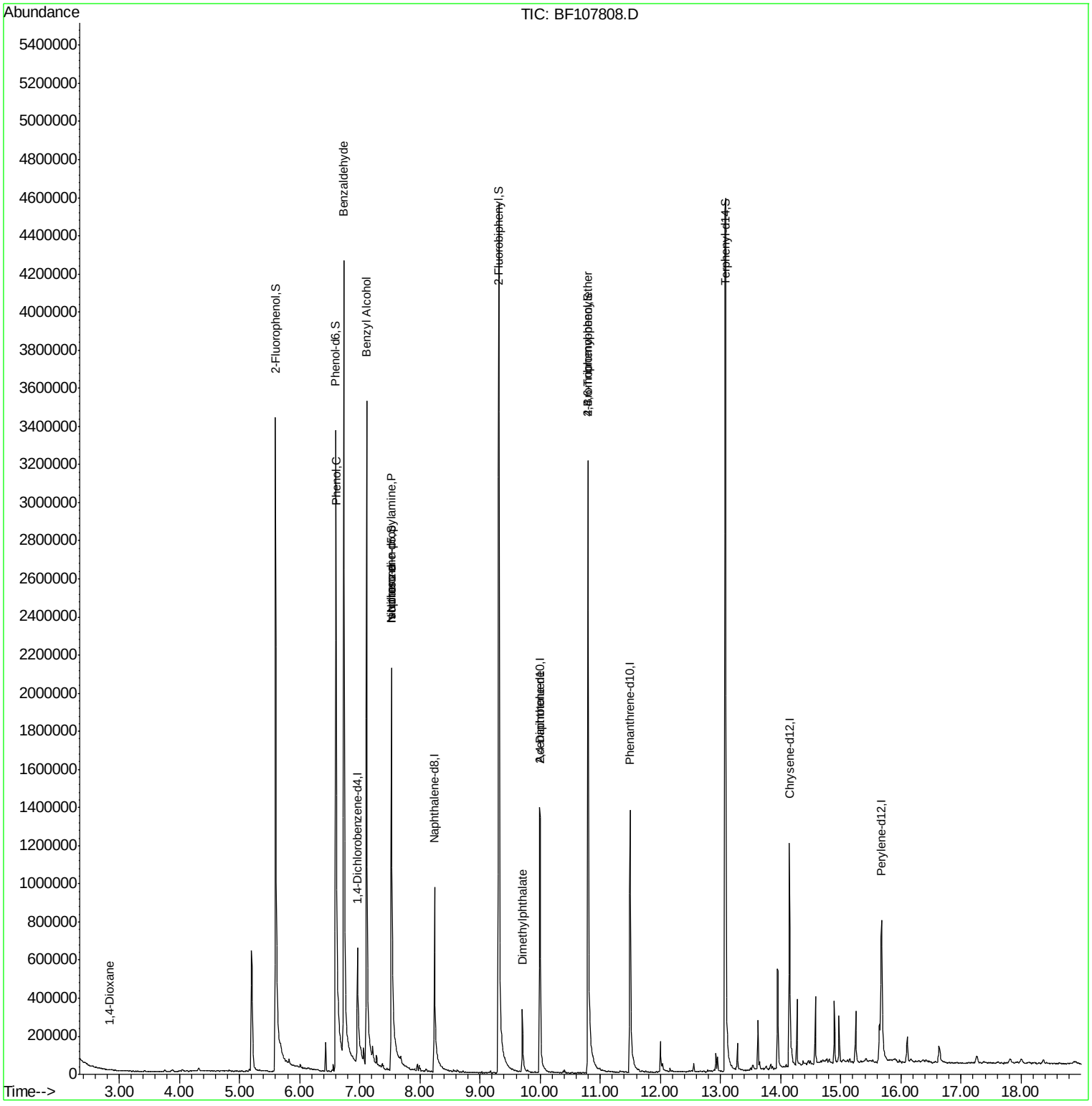
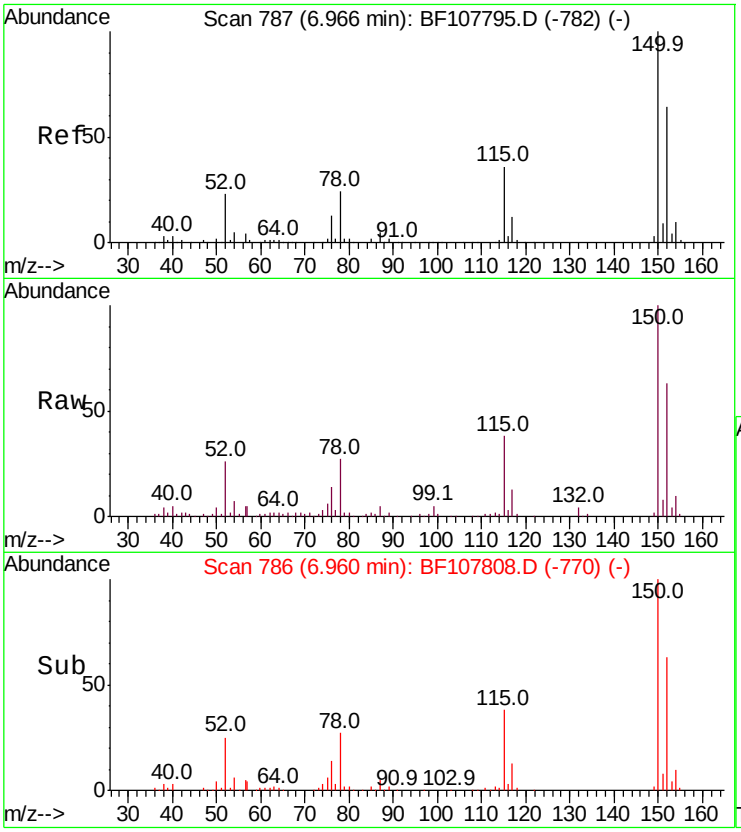


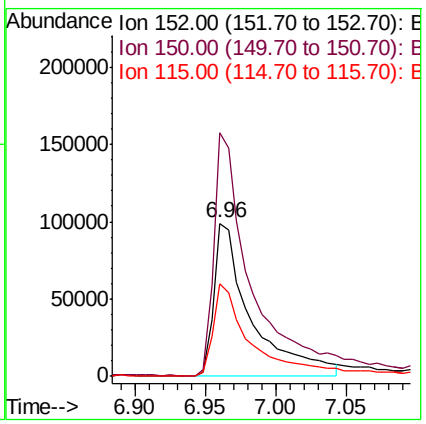


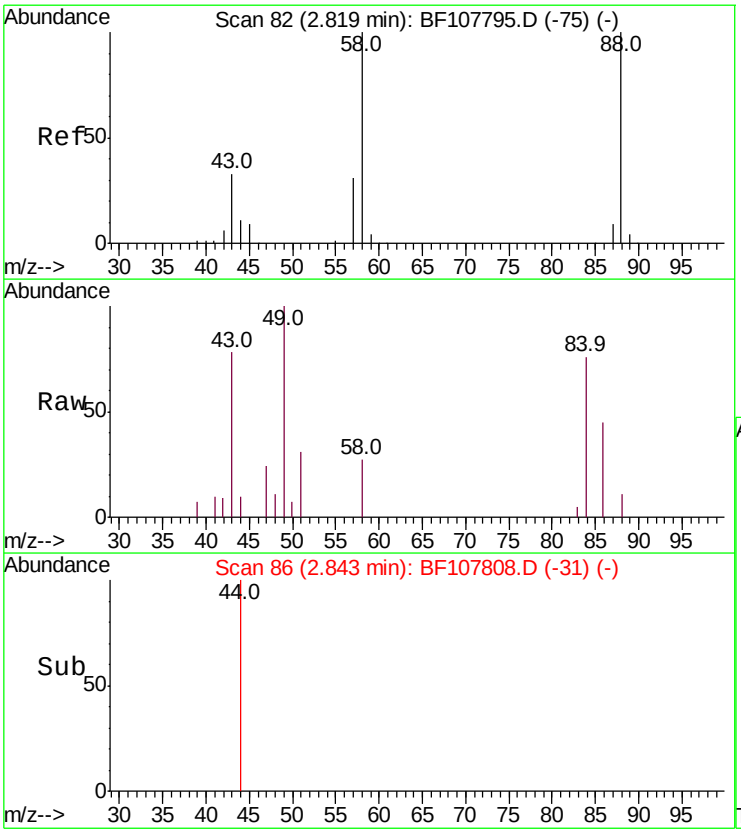
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 183219

Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	60.8	50.1	75.1

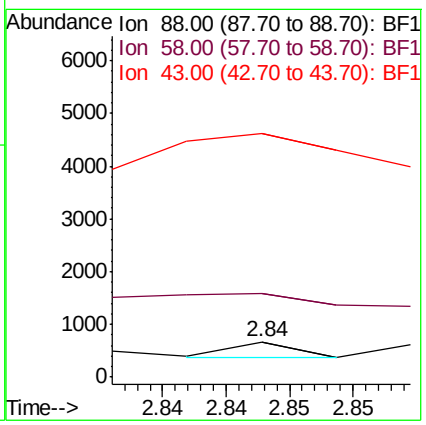


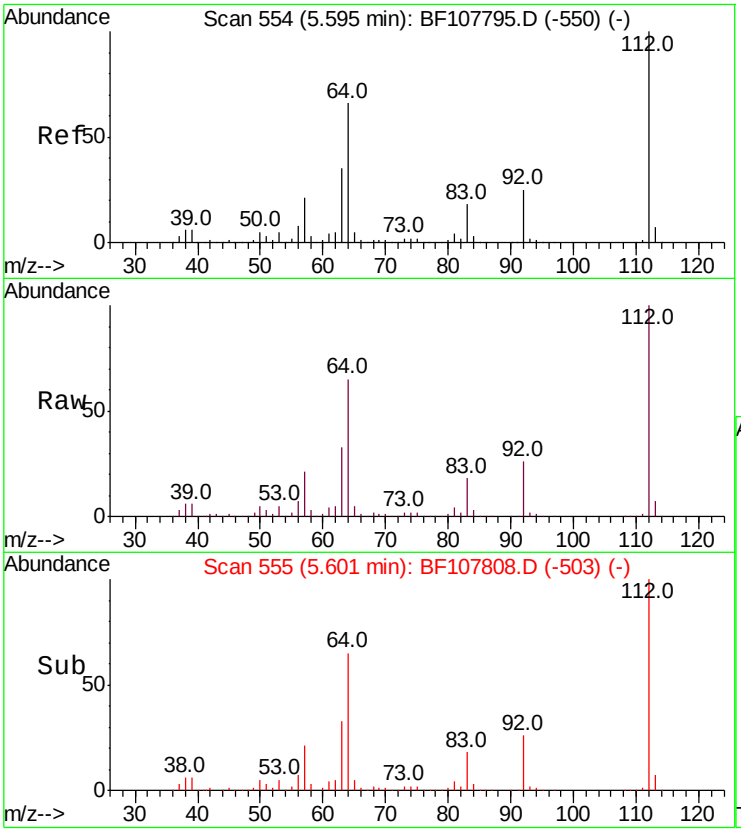


#2
1,4-Dioxane
Concen: 5.811 ng
RT: 2.84 min Scan# 86
Delta R.T. 0.02 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Tgt Ion: 88 Resp: 100

Ion	Ratio	Lower	Upper
88	100		
58	0.0	62.6	93.8#
43	1329.0	24.6	37.0#



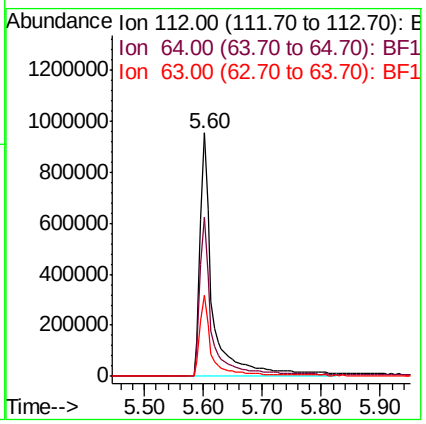


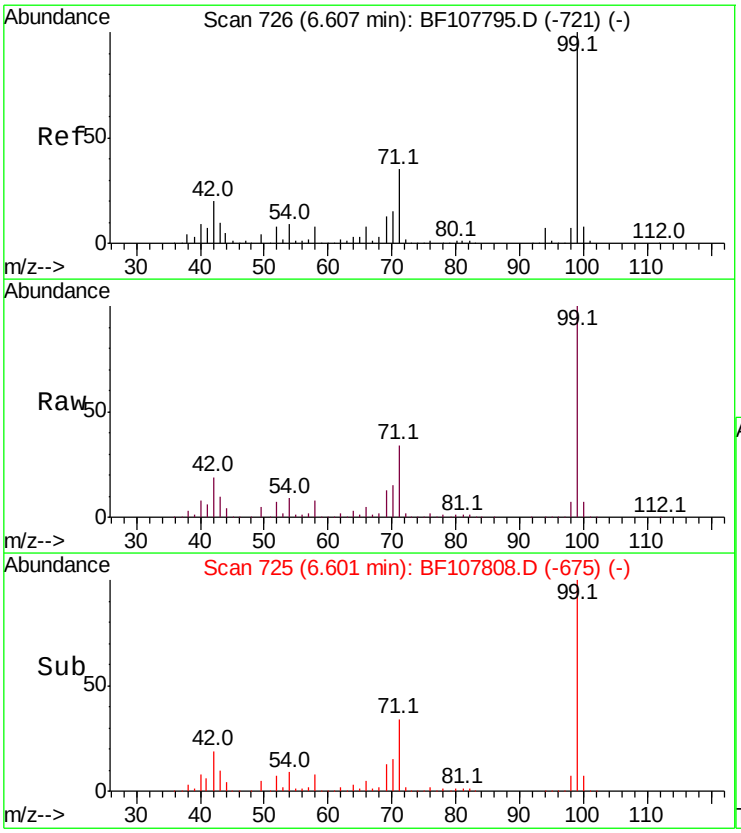
#5
2-Fluorophenol
Concen: 132.910 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 1432836

Ion	Ratio	Lower	Upper
112	100		
64	65.2	47.9	71.9
63	33.2	23.7	35.5

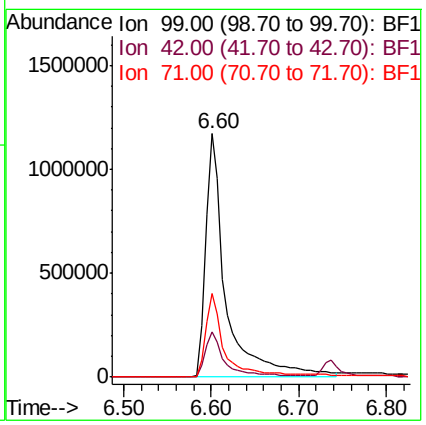


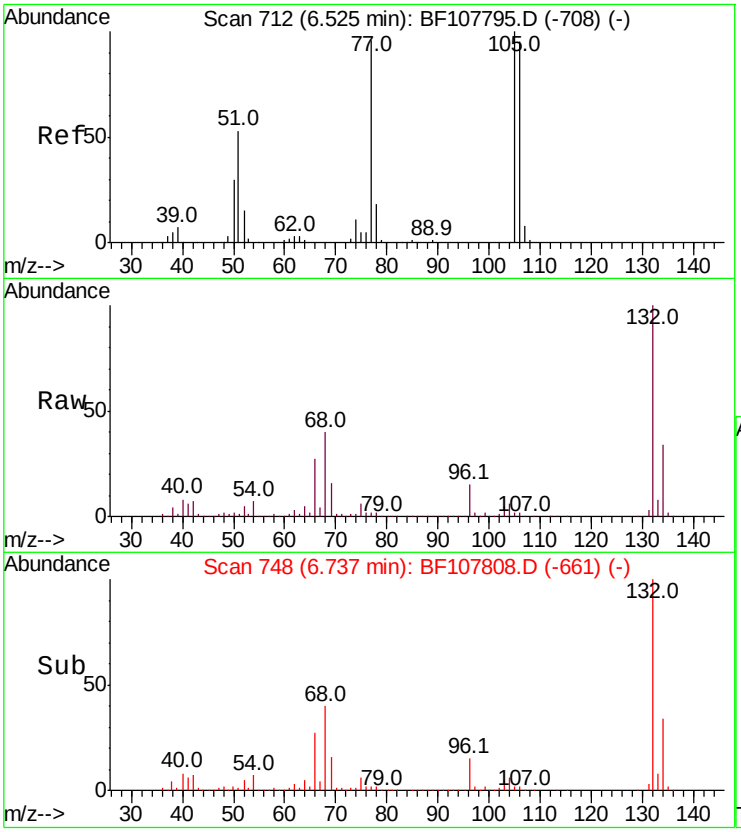


#7
Phenol-d6
Concen: 133.646 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Tgt Ion: 99 Resp: 1898847

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	34.2	25.4	38.0



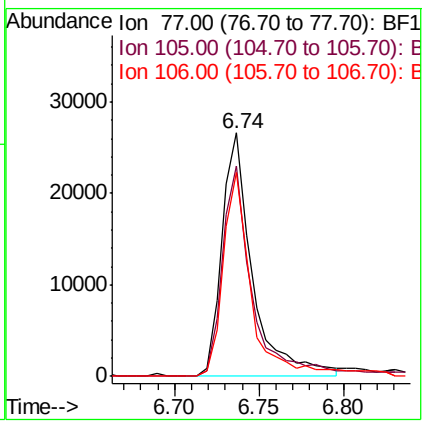


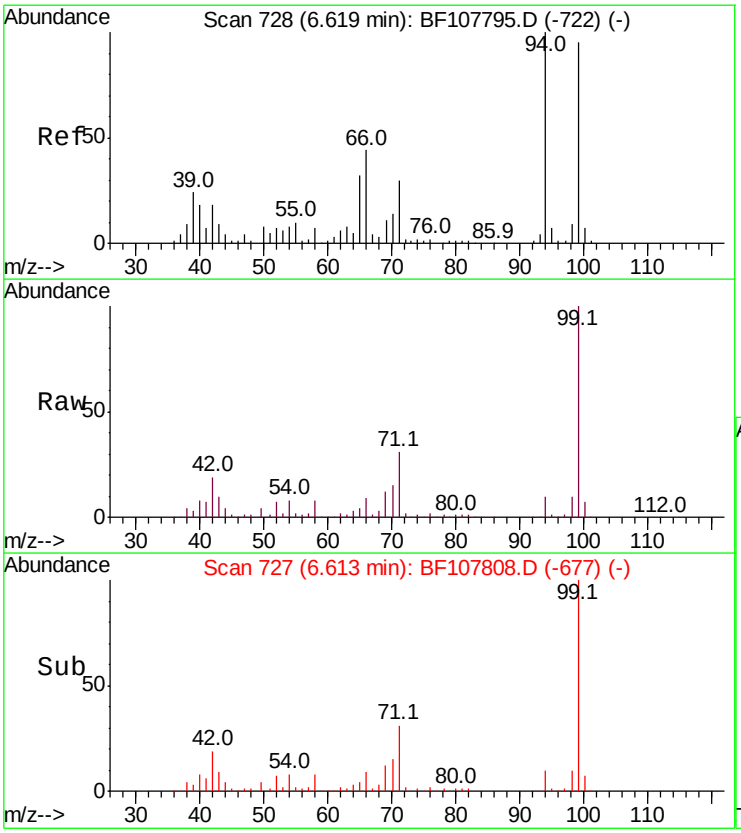
#9
Benzaldehyde
Concen: 3.905 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.21 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 33477

Ion	Ratio	Lower	Upper
77	100		
105	86.2	81.1	121.1
106	84.0	74.5	114.5

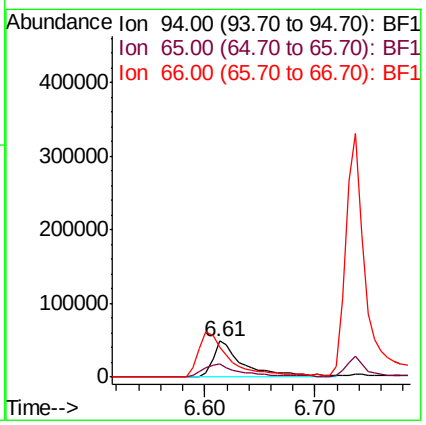


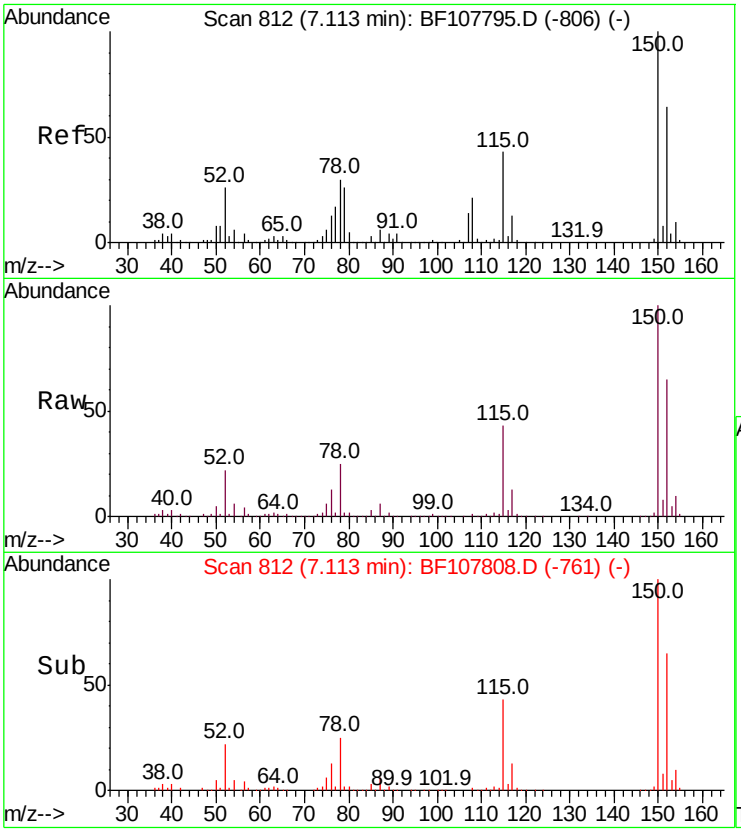


#10
Phenol
Concen: 5.579 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Tgt Ion: 94 Resp: 94521

Ion	Ratio	Lower	Upper
94	100		
65	37.5	7.9	47.9
66	84.8	16.2	56.2#



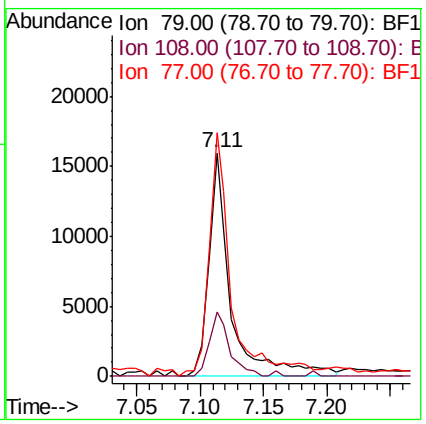


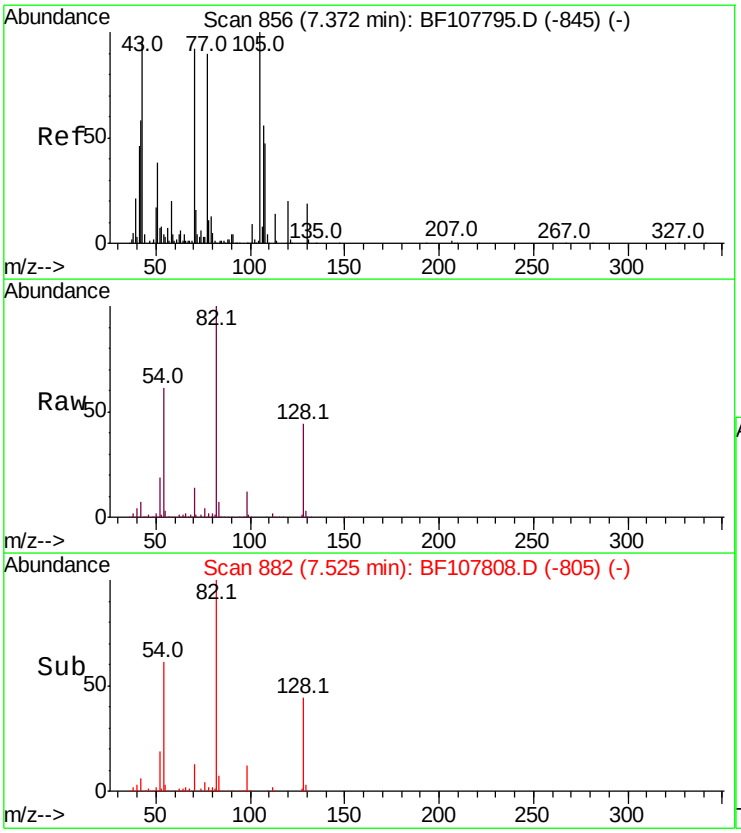
#15
Benzyl Alcohol
Concen: 2.213 ng
RT: 7.11 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 19545

Ion	Ratio	Lower	Upper
79	100		
108	28.8	65.1	97.7#
77	109.0	50.6	75.8#

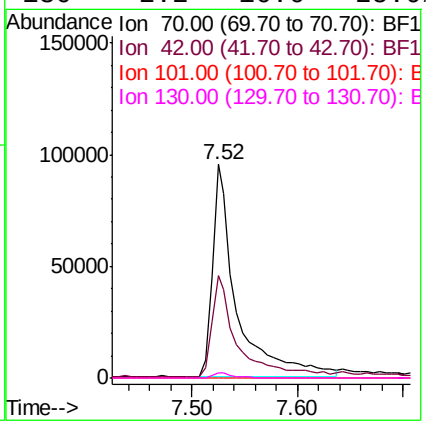


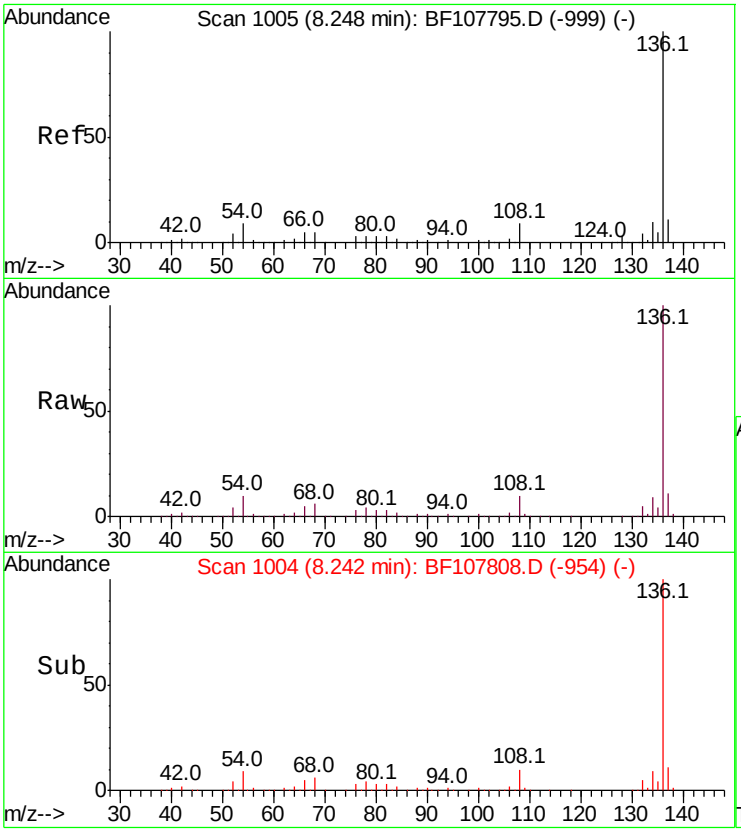


#19
n-Nitroso-di-n-propylamine
Concen: 17.196 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Tgt Ion: 70 Resp: 154987

Ion	Ratio	Lower	Upper
70	100		
42	47.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



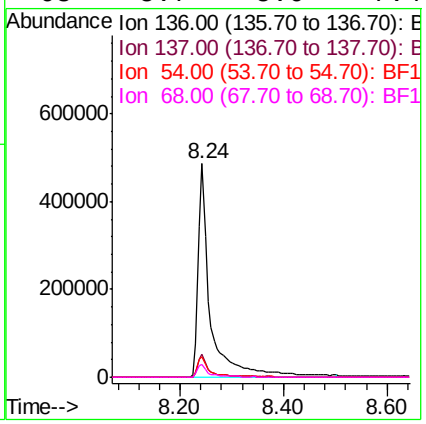


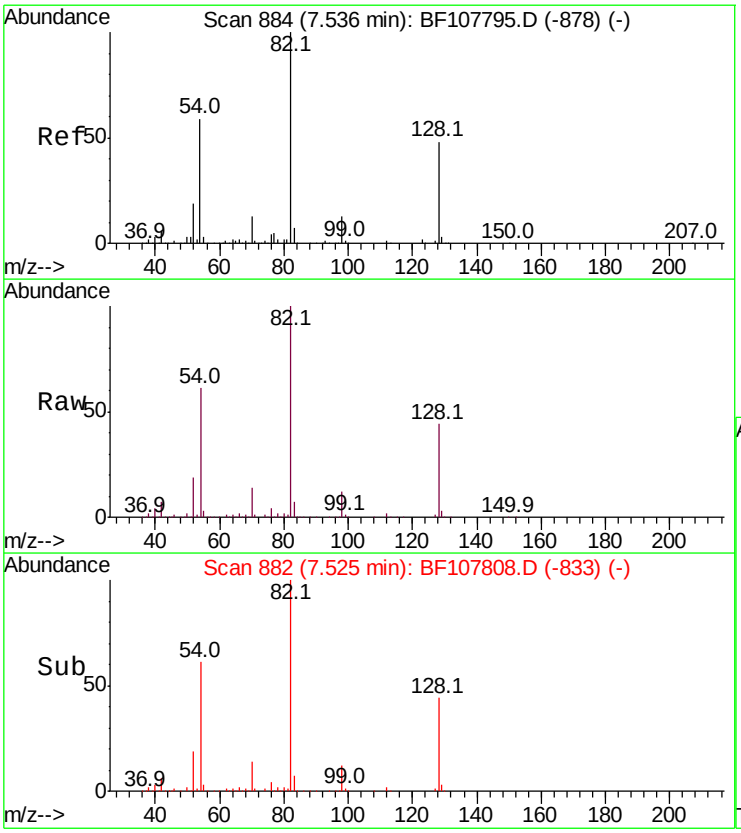
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 800406

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.7	6.6	9.8
68	5.7	5.0	7.4

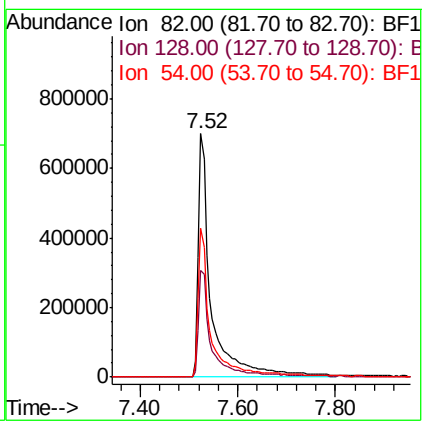


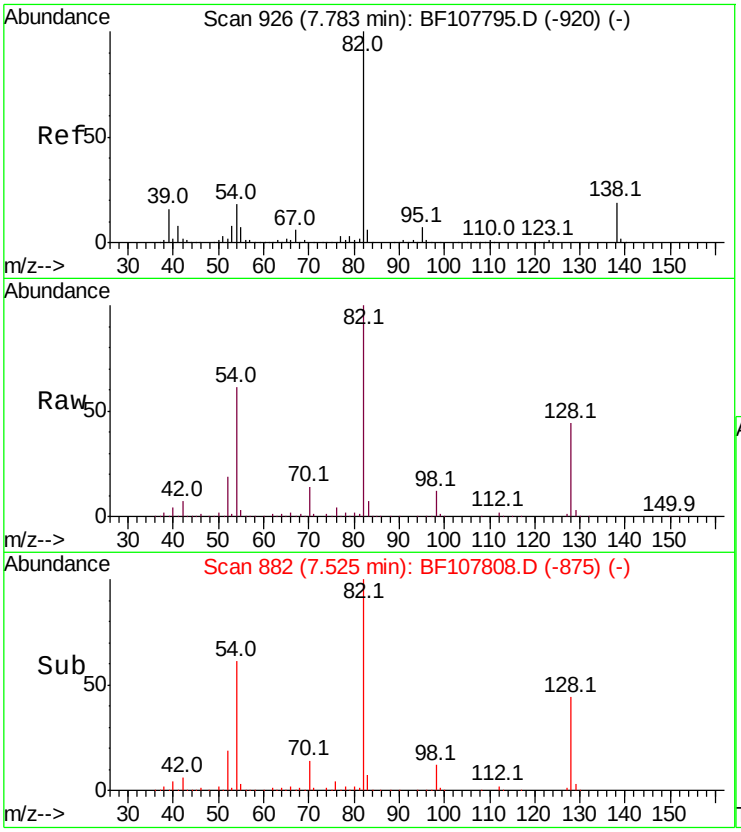


#23
Nitrobenzene-d5
Concen: 93.797 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Tgt Ion: 82 Resp: 1303159

Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	61.2	41.4	62.2



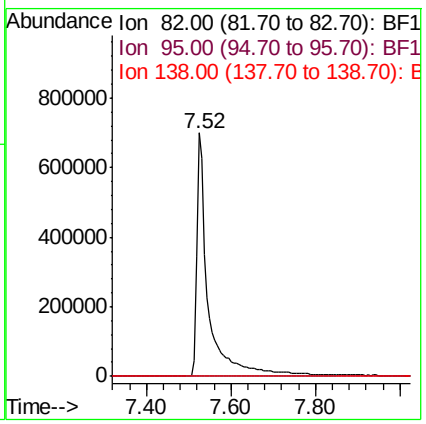


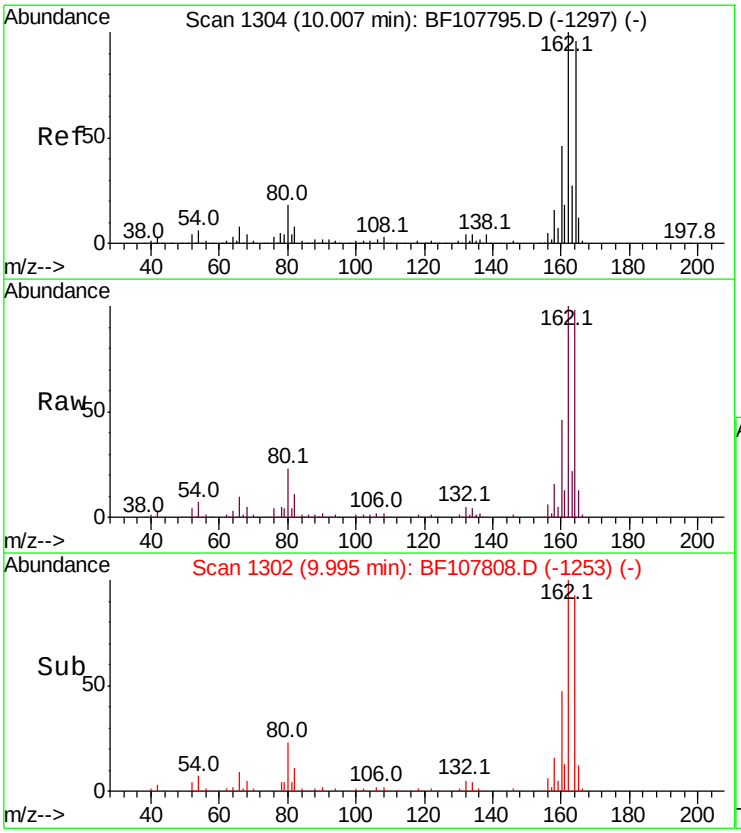
#25
Isophorone
Concen: 57.815 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1318523

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

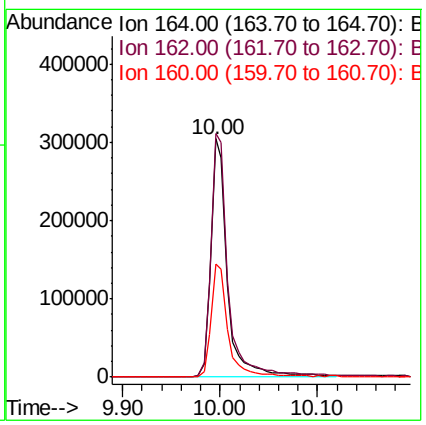


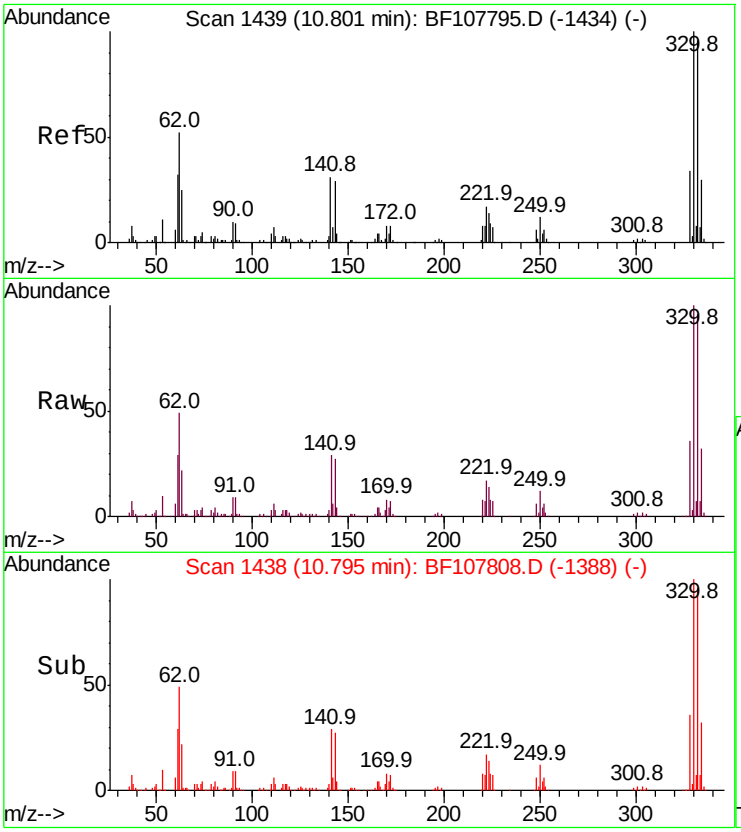


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Tgt Ion:164 Resp: 359540

Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	47.4	38.3	57.5



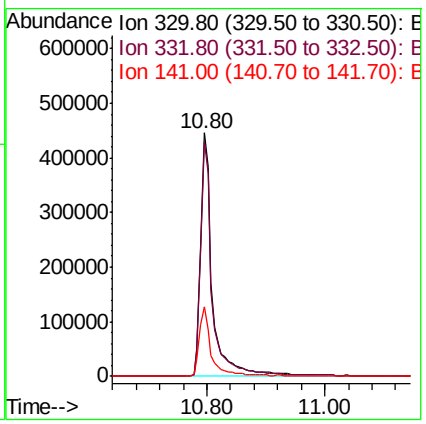


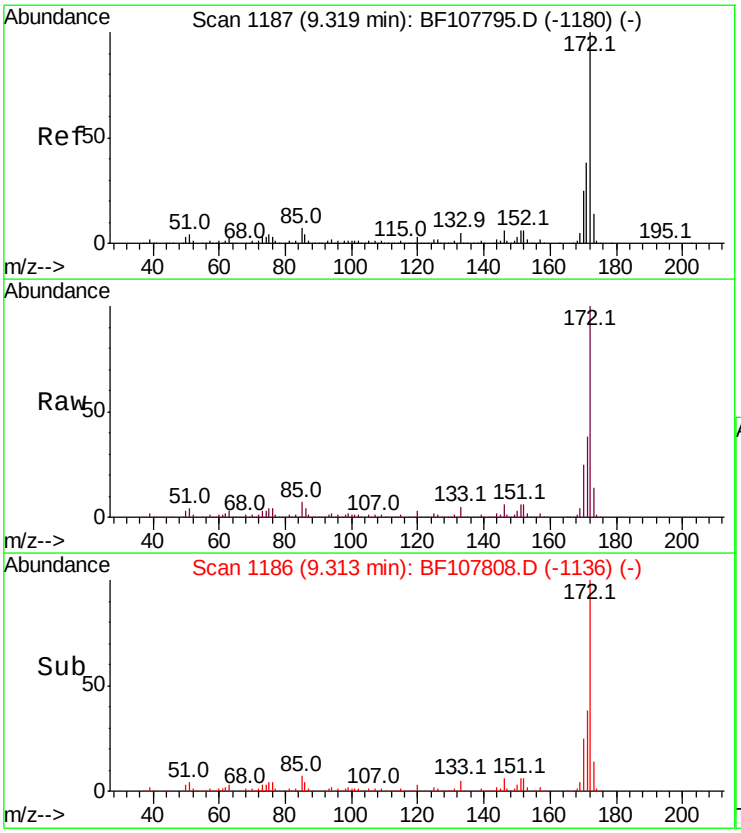
#41
2,4,6-Tribromophenol
Concen: 126.717 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 619065

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	28.5	29.9	44.9#

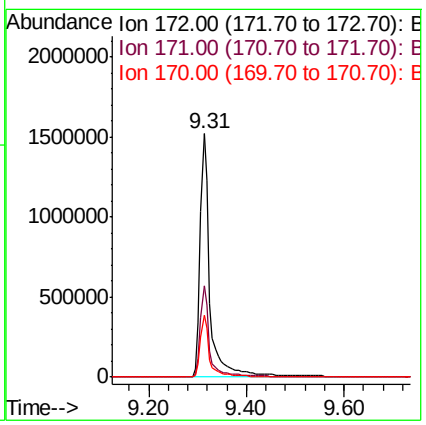


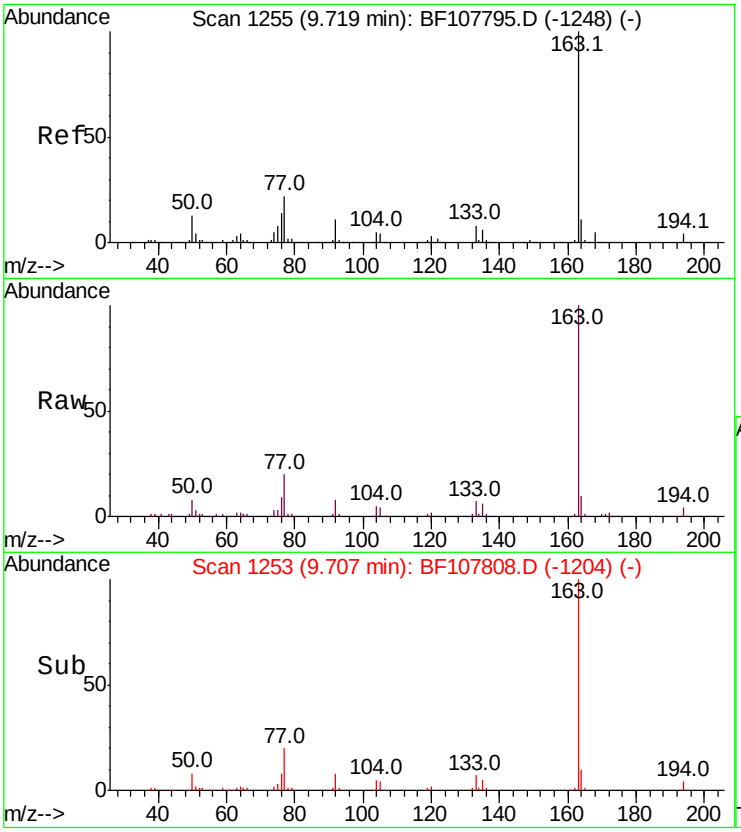


#44
2-Fluorobiphenyl
Concen: 83.815 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Tgt Ion:172 Resp: 2162546

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	25.2	19.6	29.4



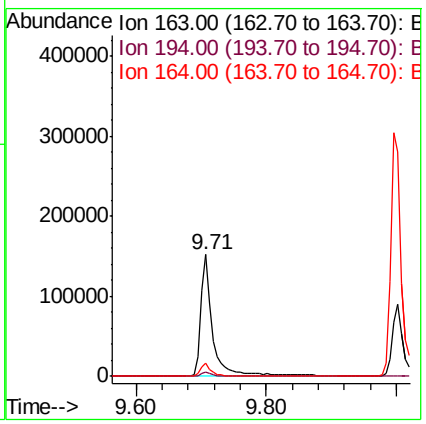


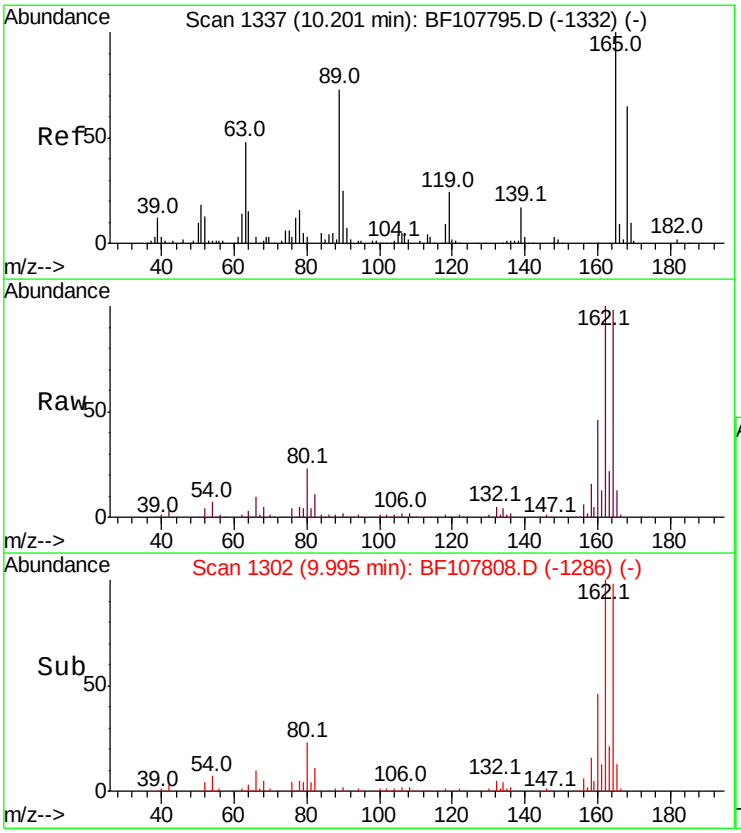
#49
Dimethylphthalate
Concen: 7.250 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 195771

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.4	8.2	12.2

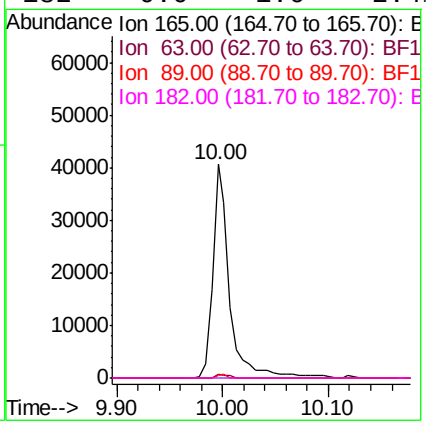


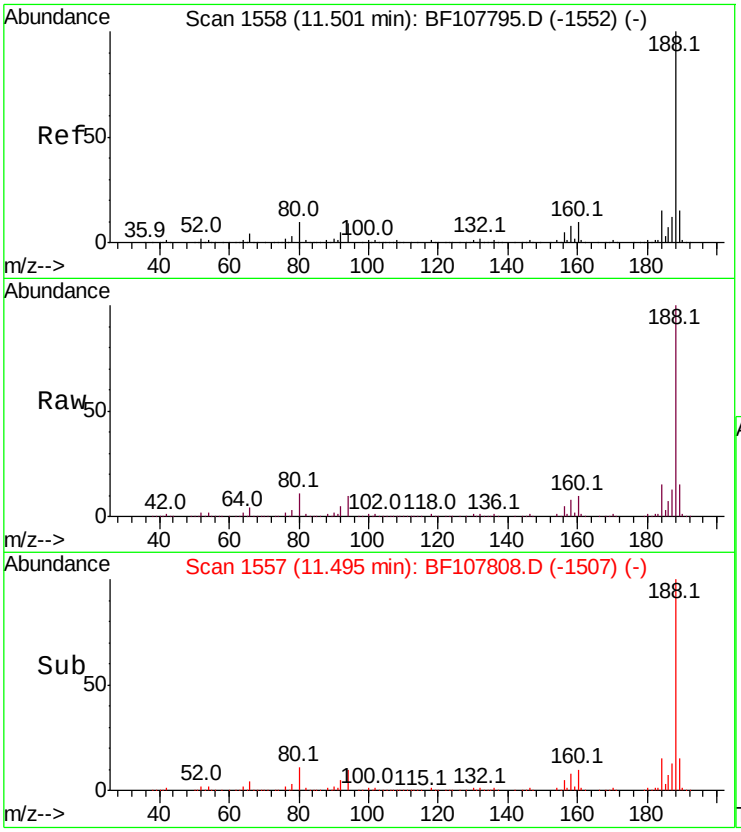


#56
2,4-Dinitrotoluene
Concen: 5.926 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Tgt Ion:165 Resp: 45703

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



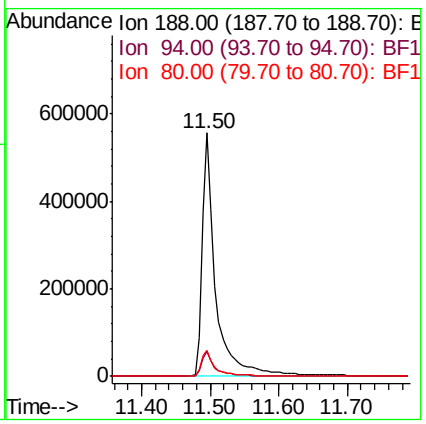


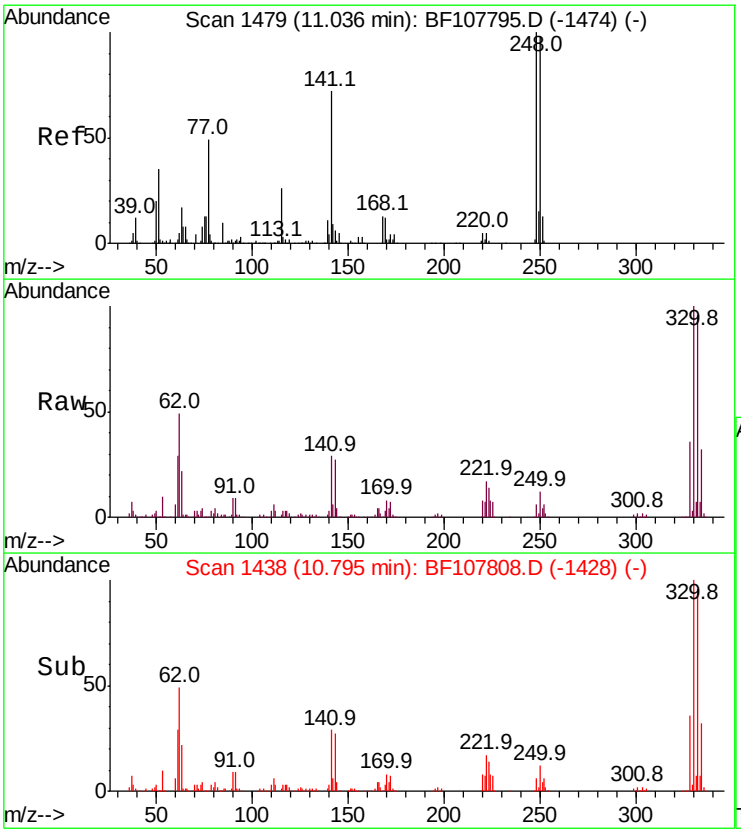
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 784231

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.9	9.2	13.8

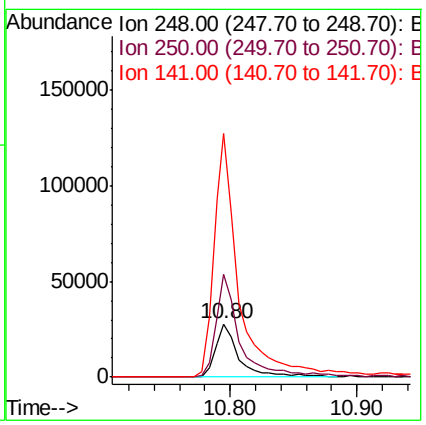


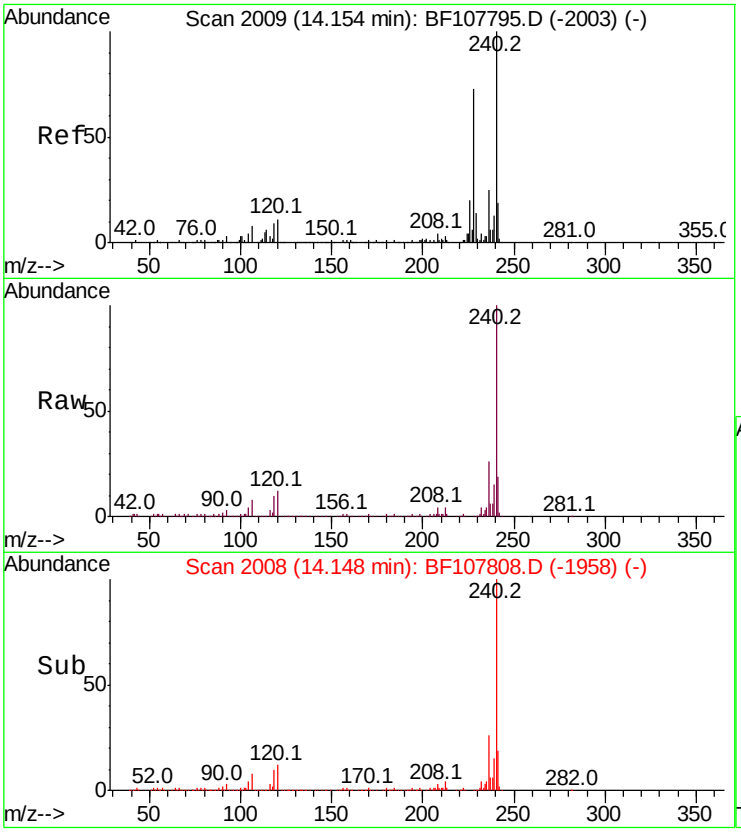


#66
4-Bromophenyl-phenylether
Concen: 3.957 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Tgt Ion:248 Resp: 36165

Ion	Ratio	Lower	Upper
248	100		
250	195.0	76.9	115.3#
141	459.2	74.4	111.6#



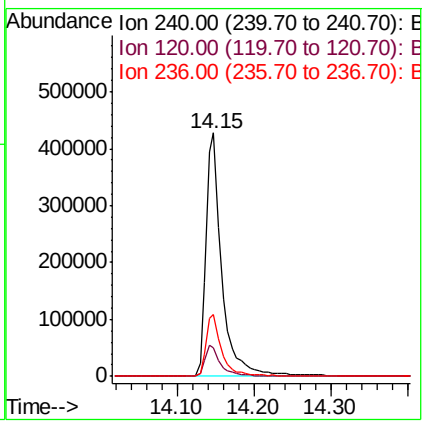


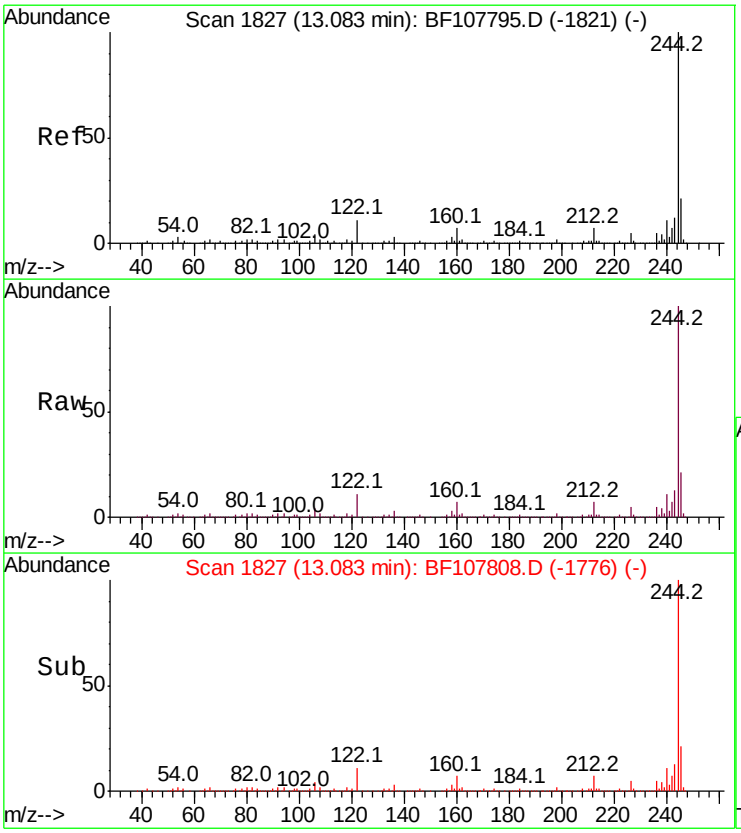
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 605214

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	25.6	20.7	31.1

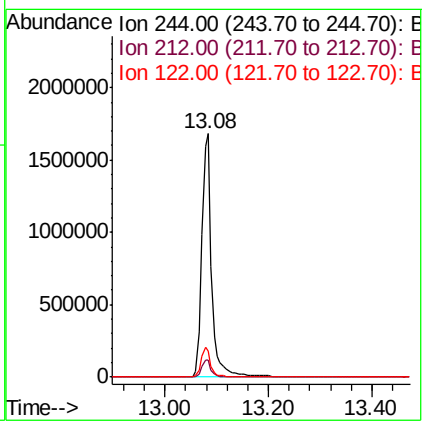


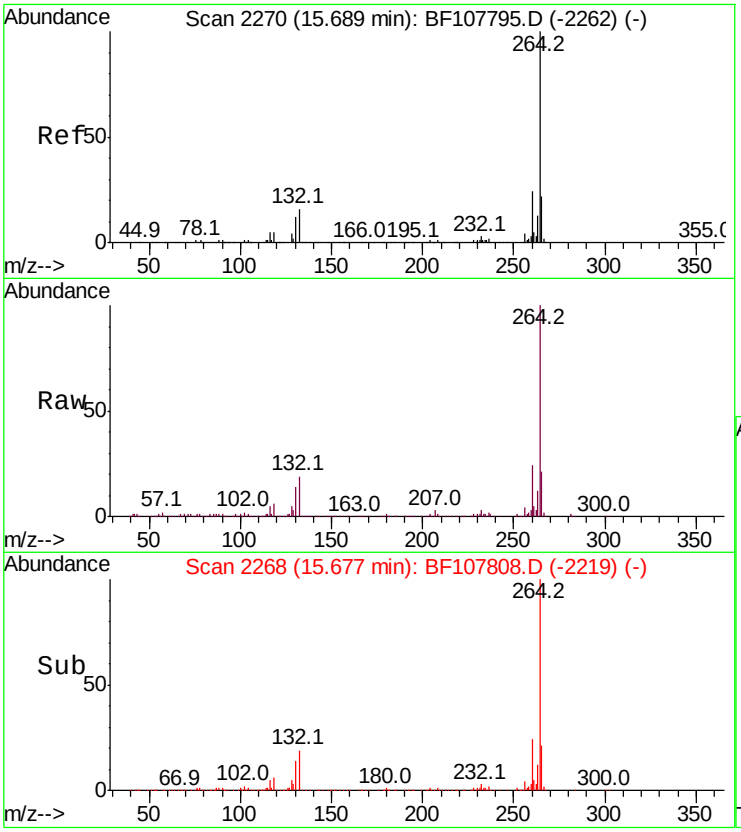


#78
Terphenyl-d14
Concen: 80.504 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Tgt Ion:244 Resp: 2246885

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.9	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF107808.D
Acq: 30 Jul 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 515954

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.3	17.5	26.3