Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107899.D
Acq On : 1 Aug 2018 19:50
Operator : JU/SJ
Sample : J4256-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 02 00:59:52 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	6.97	152	142058	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	584524	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	236477	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	454350	20.00	ng		0.00
75) Chrysene-d12	14.15	240	354347	20.00	ng		0.00
86) Perylene-d12	15.69	264	376825	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	606345	72.54	ng		0.00
7) Phenol-d6	6.60	99	535162	48.58	ng		0.00
23) Nitrobenzene-d5	7.53	82	971556	95.76	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	436419	135.82	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1779805	104.88	ng		0.00
78) Terphenyl-d14	13.08	244	1378560	84.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	583	5.924	ng	#	5
9) Benzaldehyde	6.74	77	19831	2.984	ng		84
10) Phenol	6.62	94	38800	2.953	ng	#	51
15) Benzyl Alcohol	7.11	79	15365	2.244	ng	#	41
18) Hexachloroethane	7.48	117	46517	10.557	ng	#	1
22) Acetophenone	7.34	105	35805	2.546	ng	#	63
25) Isophorone	7.53	82	971537	58.334	ng	#	64
31) Naphthalene	8.27	128	67518	2.485	ng	#	90
37) 2-Methylnaphthalene	8.95	142	84435	4.947	ng		99
49) Dimethylphthalate	9.71	163	332033	18.696	ng	#	85
53) 2,4-Dinitrophenol	10.13	184	245	8.548	ng	#	1
55) 4-Nitrophenol	10.13	139	3406	10.627	ng	#	11
66) 4-Bromophenyl-phenylether	10.80	248	25077	4.735	ng	#	1

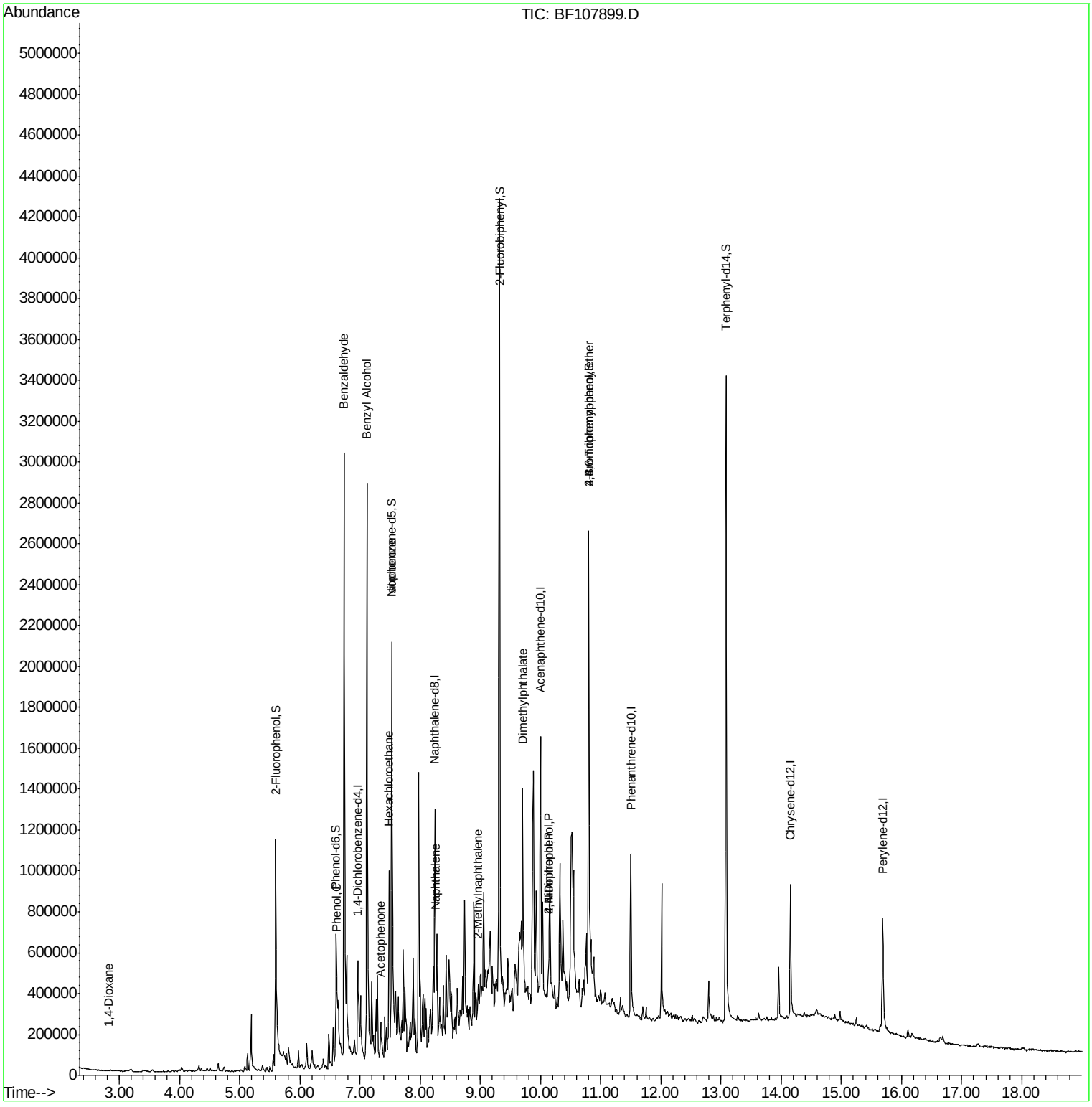
(#) = qualifier out of range (m) = manual integration (+) = signals summed

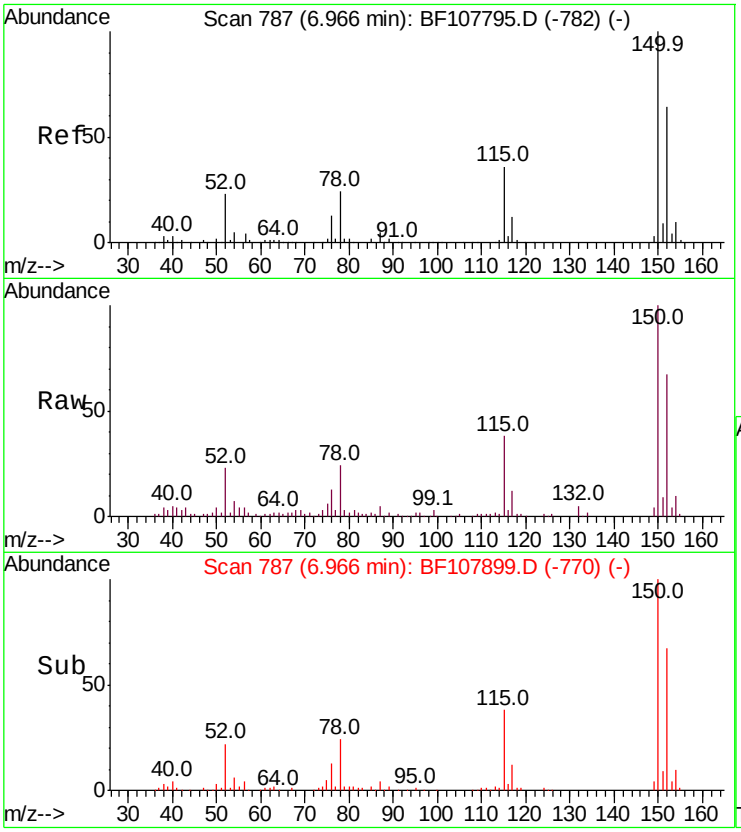
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107899.D
Acq On : 1 Aug 2018 19:50
Operator : JU/SJ
Sample : J4256-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 02 00:59:52 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



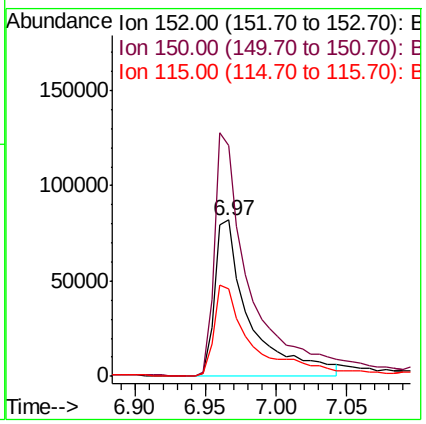


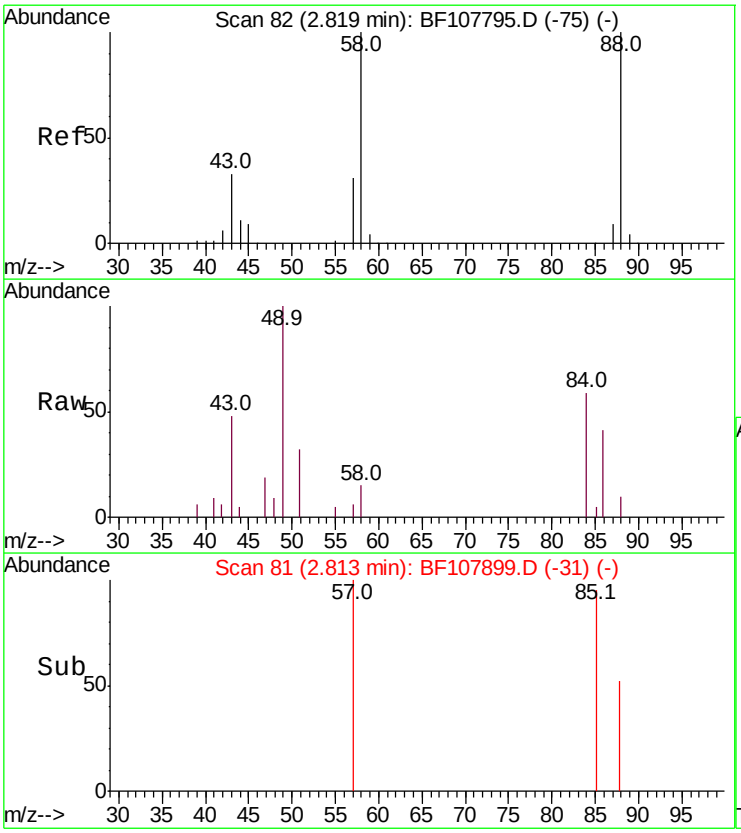
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 142058

Ion	Ratio	Lower	Upper
152	100		
150	148.4	124.6	186.8
115	56.0	50.1	75.1

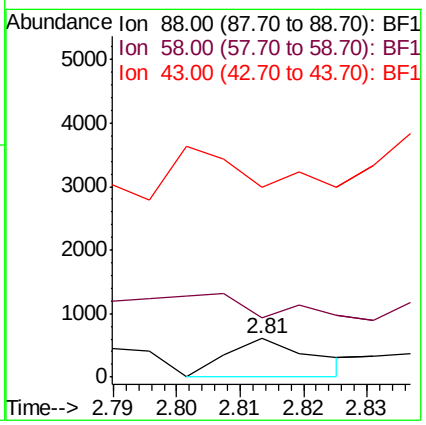


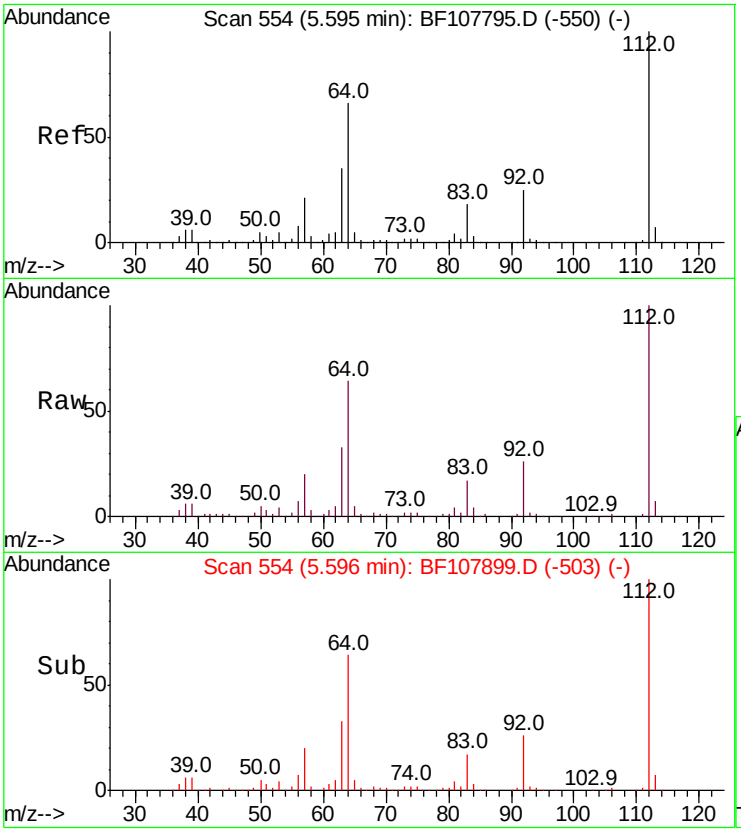


#2
1,4-Dioxane
Concen: 5.924 ng
RT: 2.81 min Scan# 81
Delta R.T. -0.01 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Tgt Ion: 88 Resp: 583

Ion	Ratio	Lower	Upper
88	100		
58	122.6	62.6	93.8#
43	143.6	24.6	37.0#



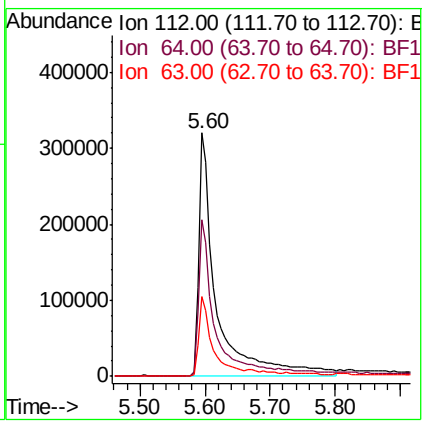


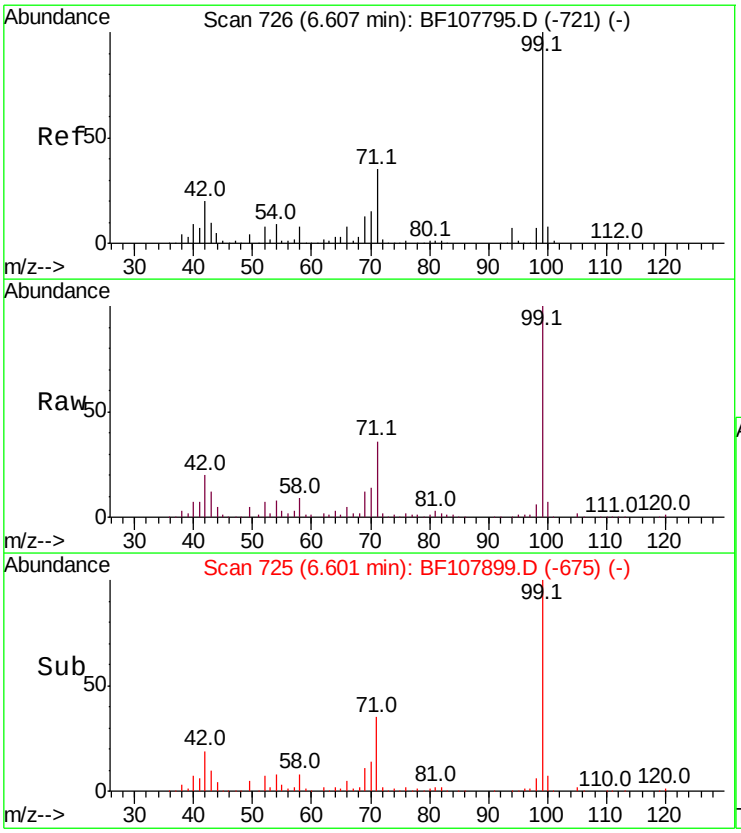
#5
2-Fluorophenol
Concen: 72.542 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 606345

Ion	Ratio	Lower	Upper
112	100		
64	64.1	47.9	71.9
63	32.6	23.7	35.5

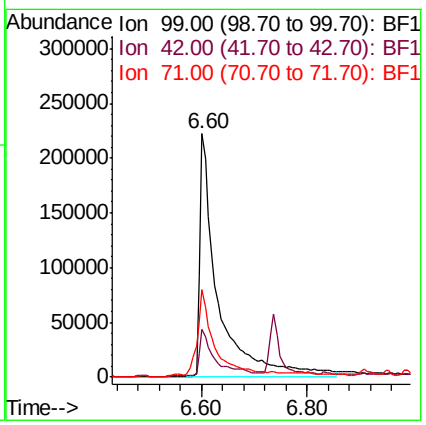


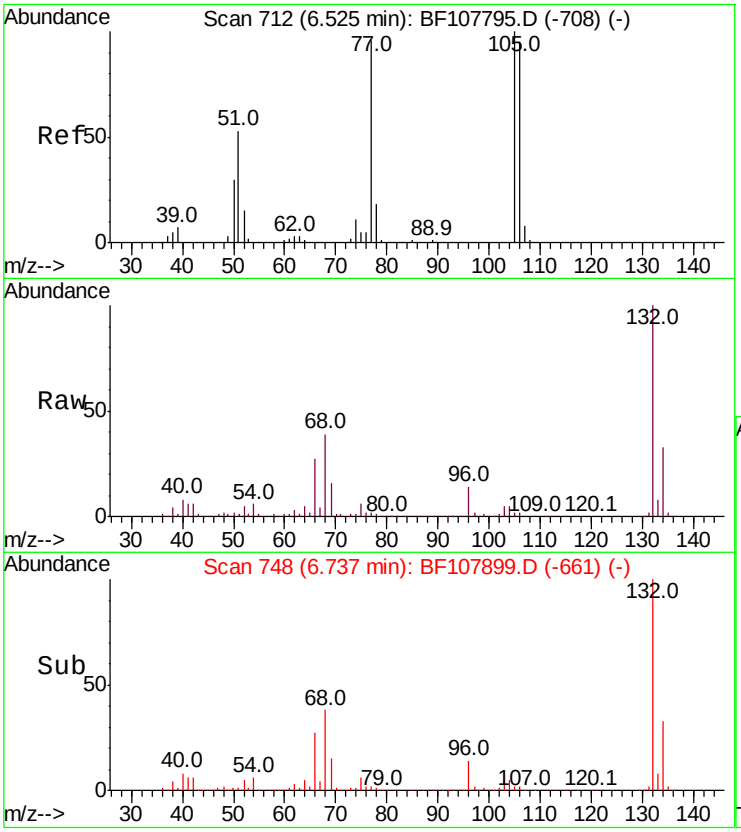


#7
Phenol-d6
Concen: 48.580 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Tgt Ion: 99 Resp: 535162

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	35.8	25.4	38.0



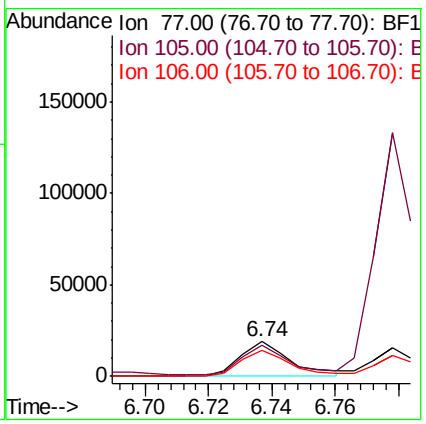


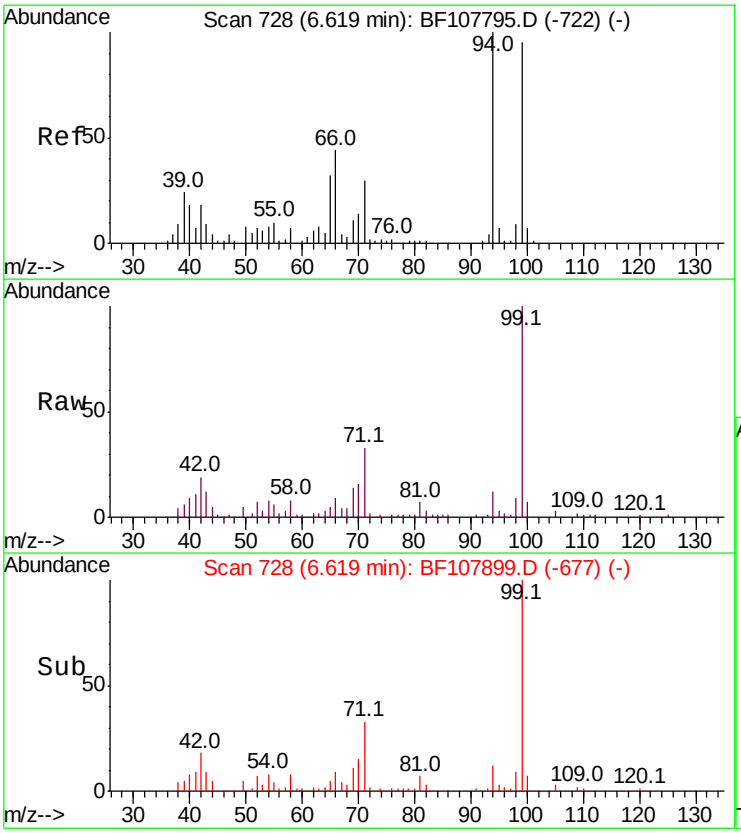
#9
Benzaldehyde
Concen: 2.984 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.21 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 19831

Ion	Ratio	Lower	Upper
77	100		
105	89.9	81.1	121.1
106	74.8	74.5	114.5

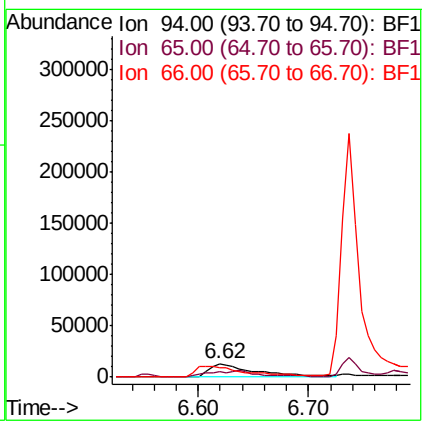


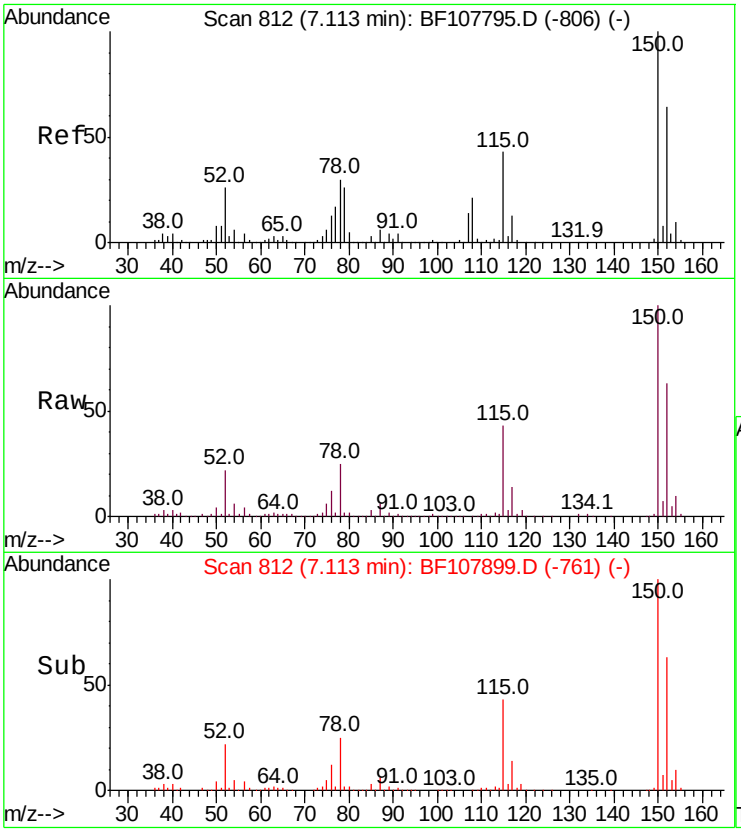


#10
Phenol
Concen: 2.953 ng
RT: 6.62 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Tgt Ion: 94 Resp: 38800

Ion	Ratio	Lower	Upper
94	100		
65	43.6	7.9	47.9
66	73.8	16.2	56.2#



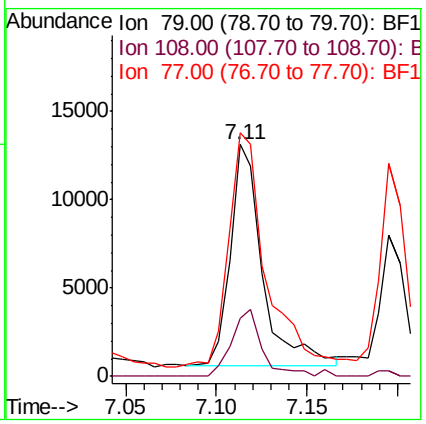


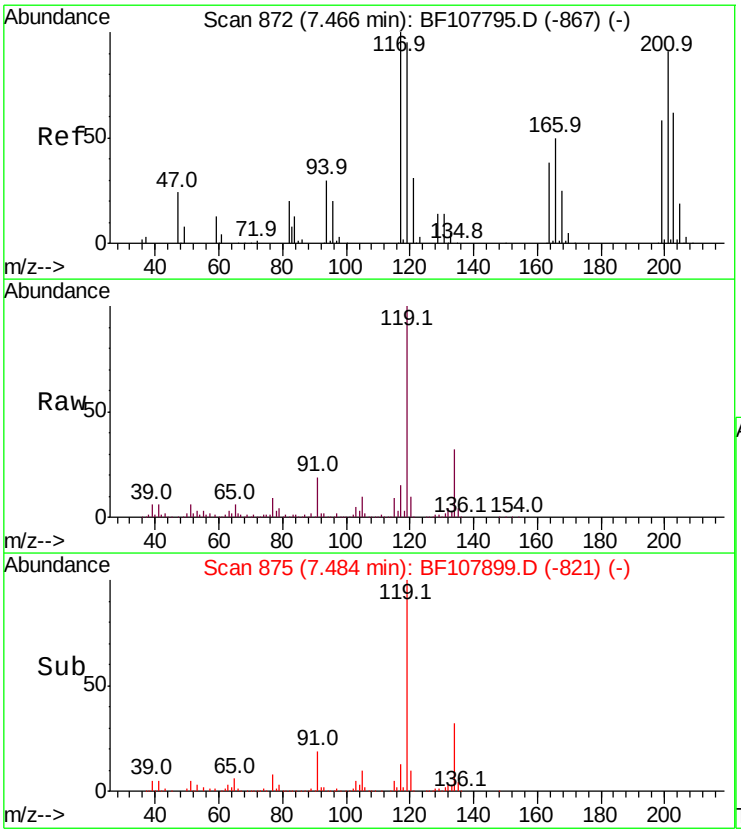
#15
Benzyl Alcohol
Concen: 2.244 ng
RT: 7.11 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 15365

Ion	Ratio	Lower	Upper
79	100		
108	25.3	65.1	97.7#
77	105.1	50.6	75.8#

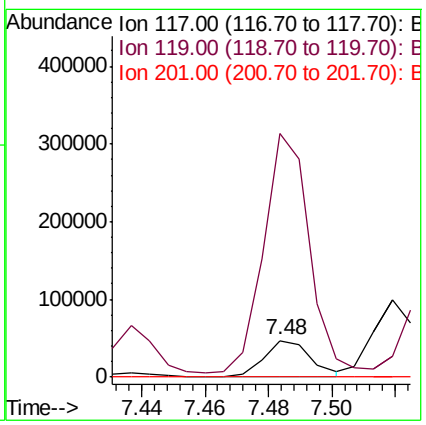


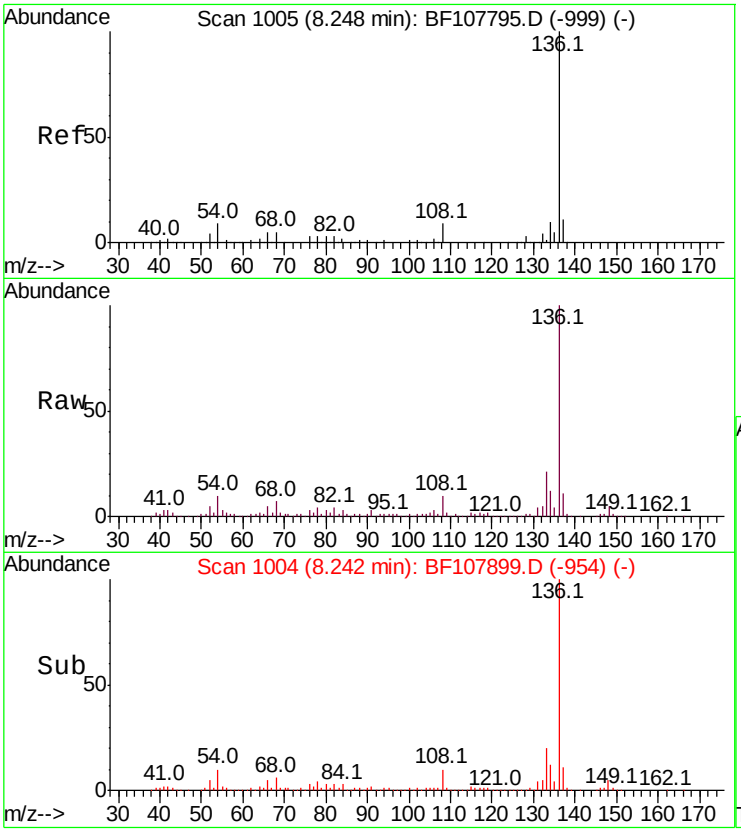


#18
Hexachloroethane
Concen: 10.557 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.02 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Tgt Ion:117 Resp: 46517

Ion	Ratio	Lower	Upper
117	100		
119	668.9	75.8	113.8#
201	0.0	75.7	113.5#



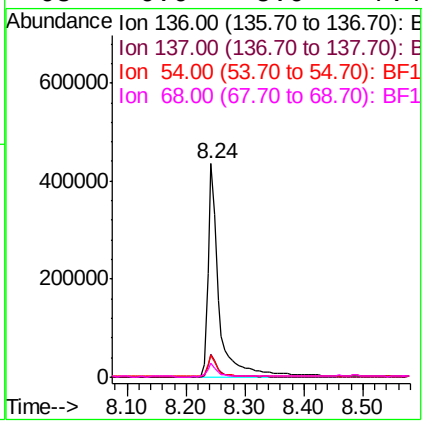


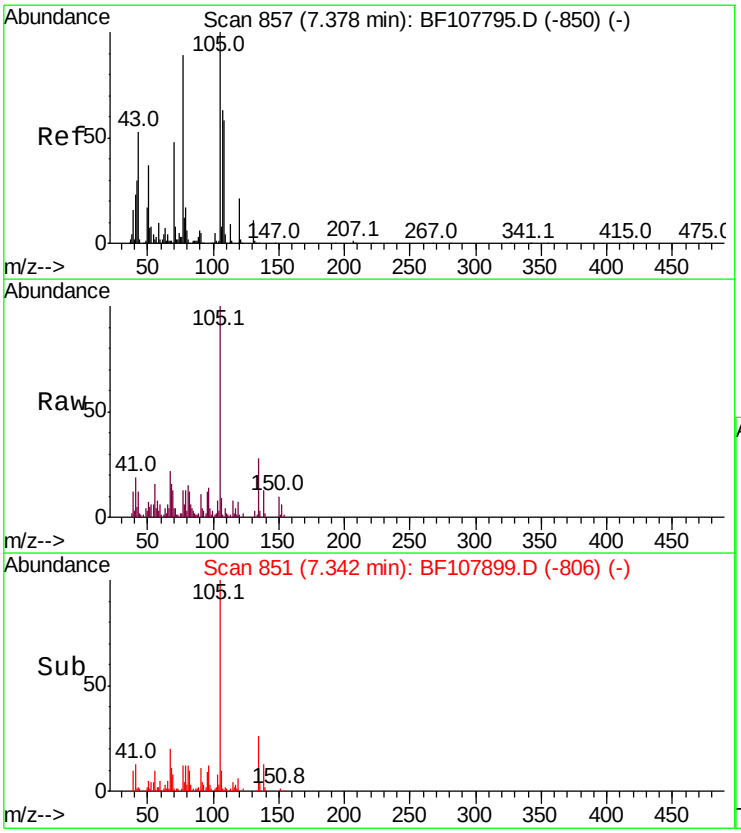
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 584524

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.3	6.6	9.8#
68	6.6	5.0	7.4

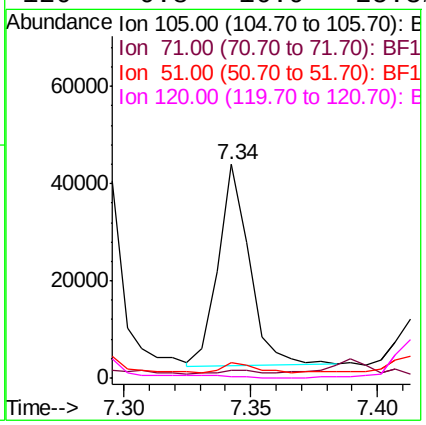


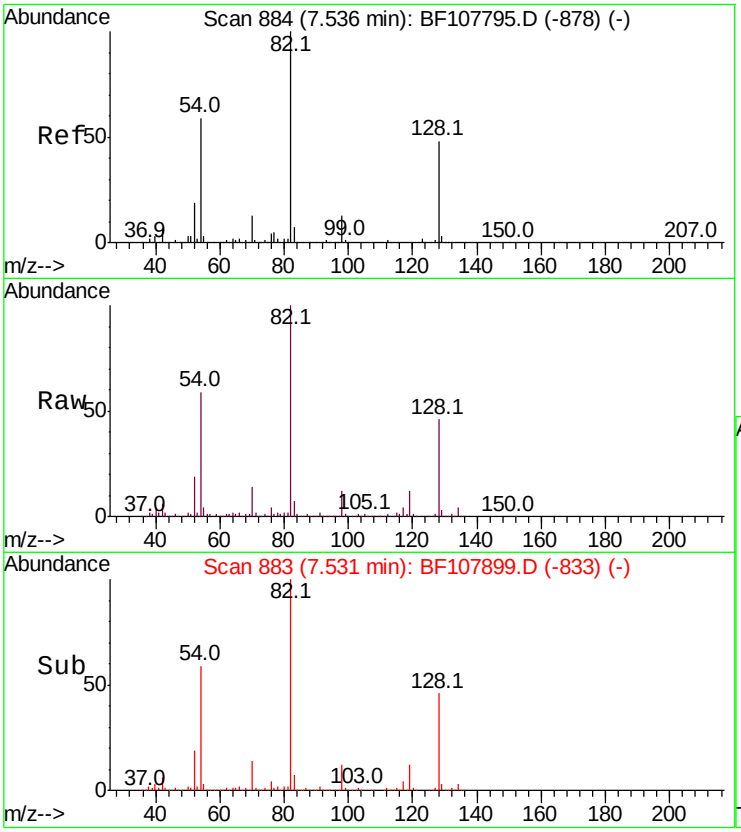


#22
Acetophenone
Concen: 2.546 ng
RT: 7.34 min Scan# 851
Delta R.T. -0.04 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Tgt Ion:105 Resp: 35805

Ion	Ratio	Lower	Upper
105	100		
71	3.7	4.4	6.6#
51	7.5	22.3	33.5#
120	0.8	16.9	25.3#

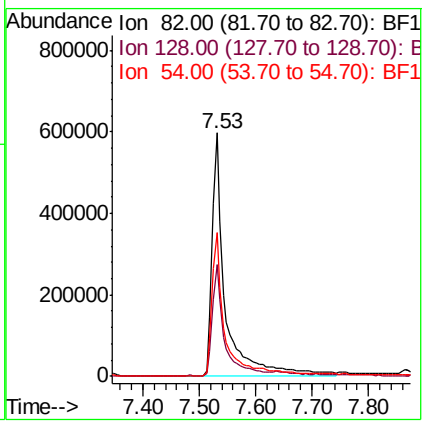




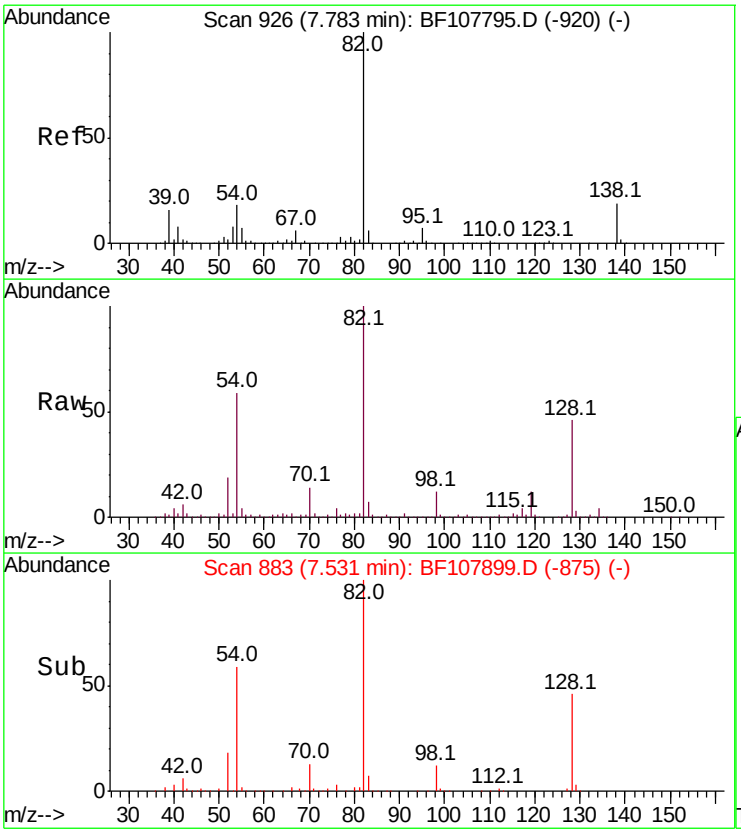
#23
Nitrobenzene-d5
Concen: 95.756 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Tgt Ion: 82 Resp: 971556

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	59.3	41.4	62.2



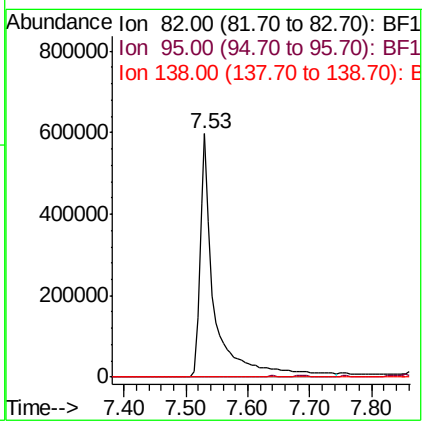
Instrument :
BNA_F
ClientSampleId :

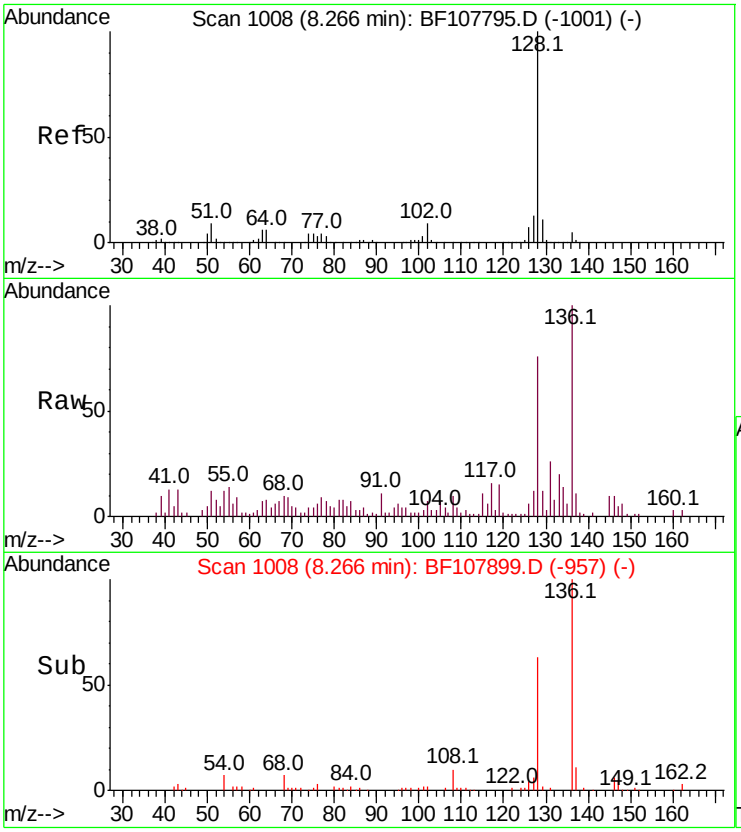


#25
Isophorone
Concen: 58.334 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Tgt Ion: 82 Resp: 971537

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



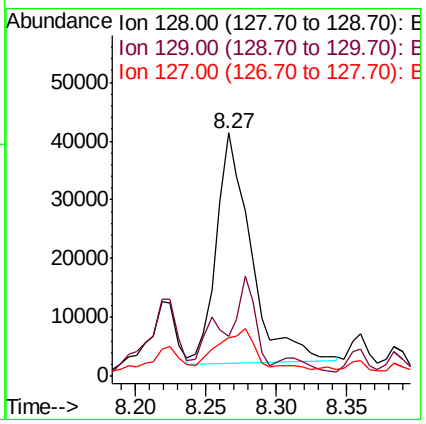


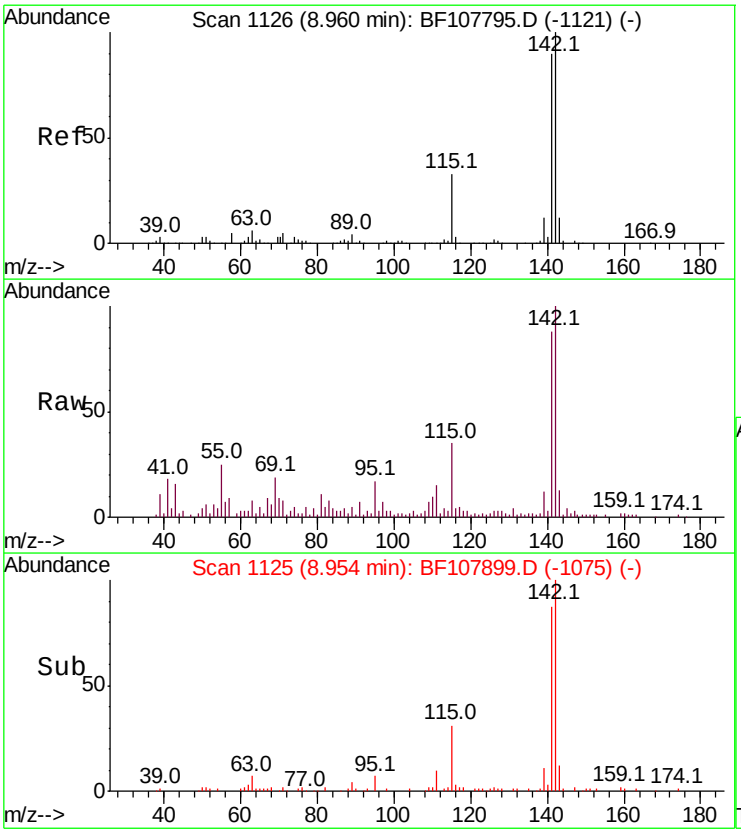
#31
Naphthalene
Concen: 2.485 ng
RT: 8.27 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 67518

Ion	Ratio	Lower	Upper
128	100		
129	16.3	8.8	13.2#
127	16.0	10.9	16.3

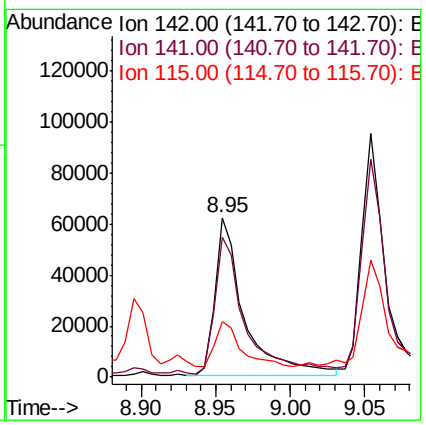


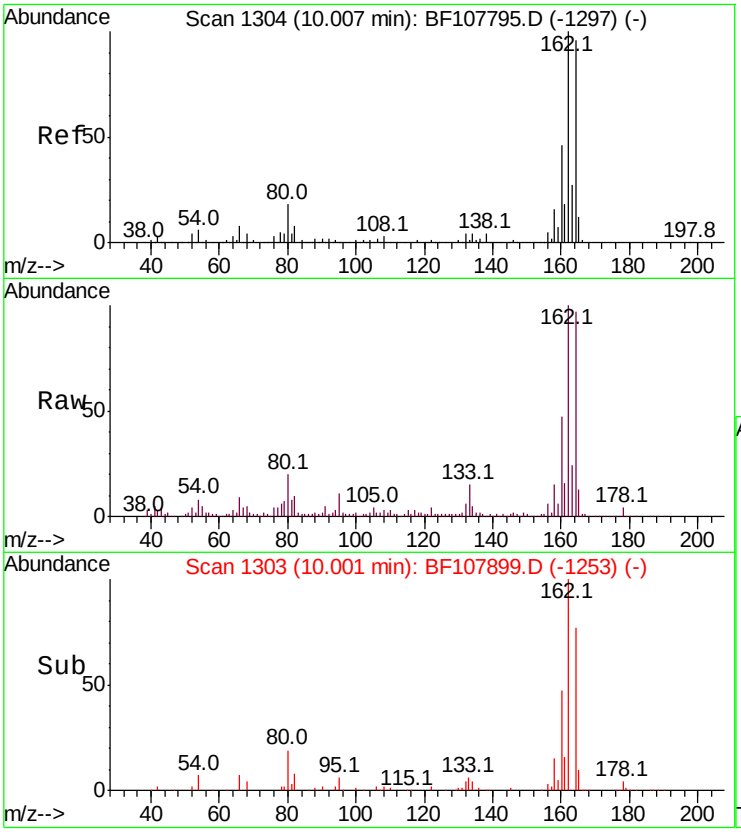


#37
2-Methylnaphthalene
Concen: 4.947 ng
RT: 8.95 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Tgt Ion:142 Resp: 84435

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.8	106.2
115	35.0	26.1	39.1



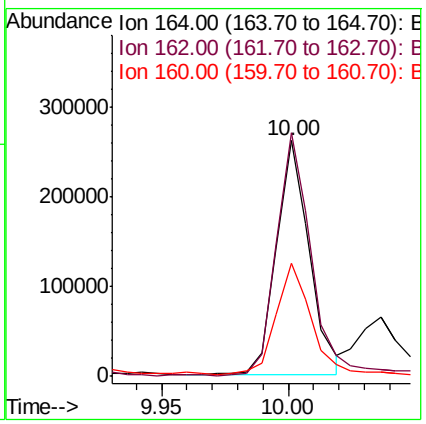


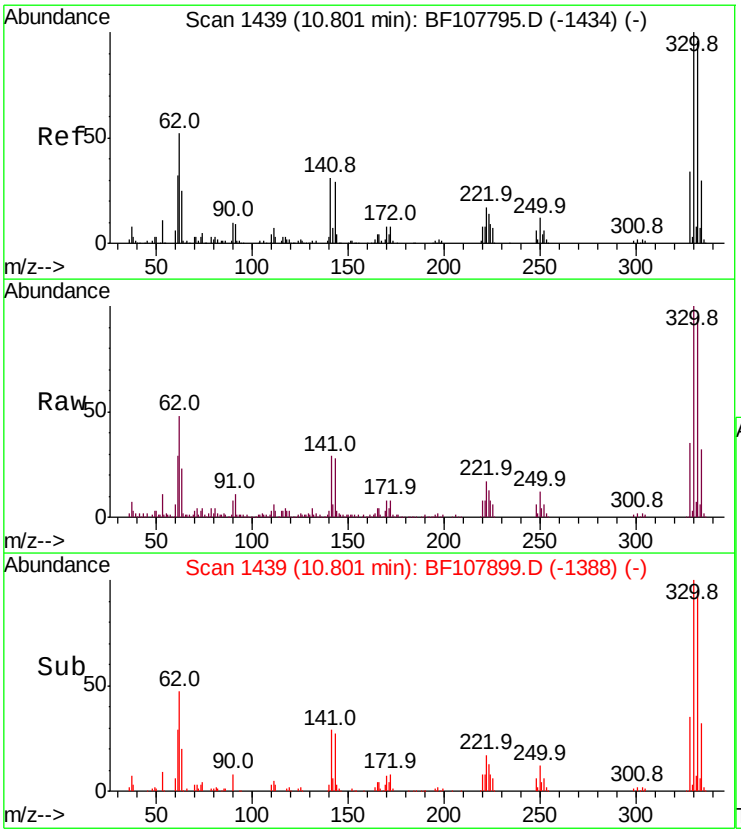
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 236477

Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	48.2	38.3	57.5

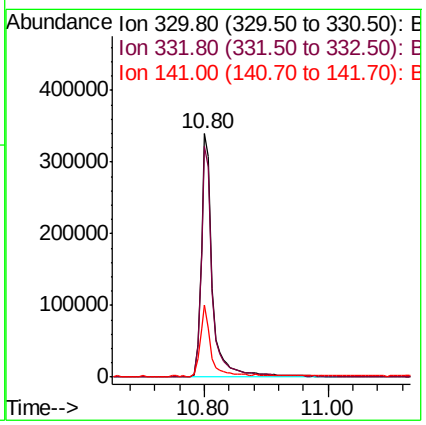


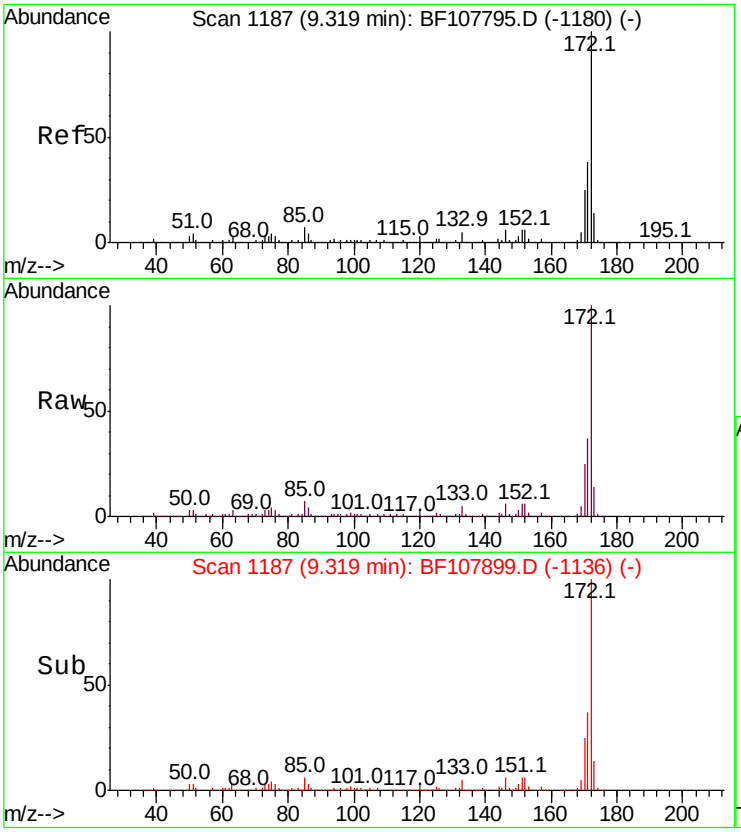


#41
2,4,6-Tribromophenol
Concen: 135.819 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Tgt Ion:330 Resp: 436419

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	27.3	29.9	44.9#



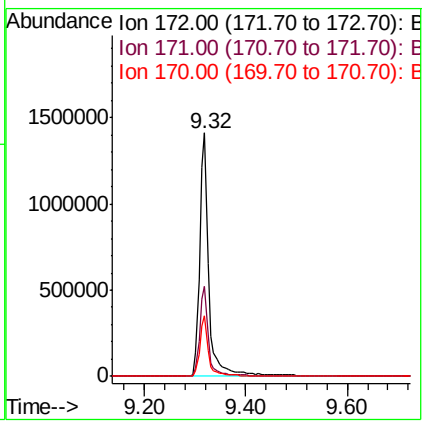


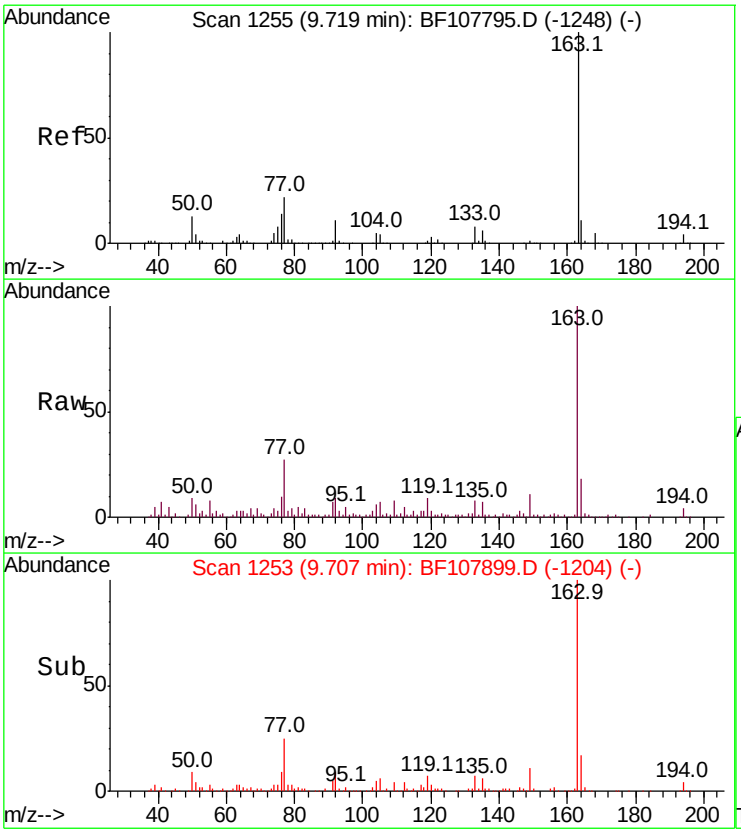
#44
2-Fluorobiphenyl
Concen: 104.879 ng
RT: 9.32 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1779805

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	25.1	19.6	29.4

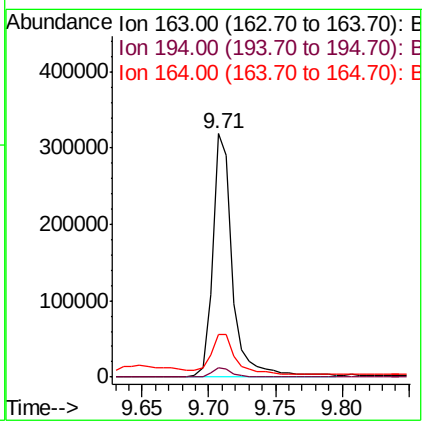


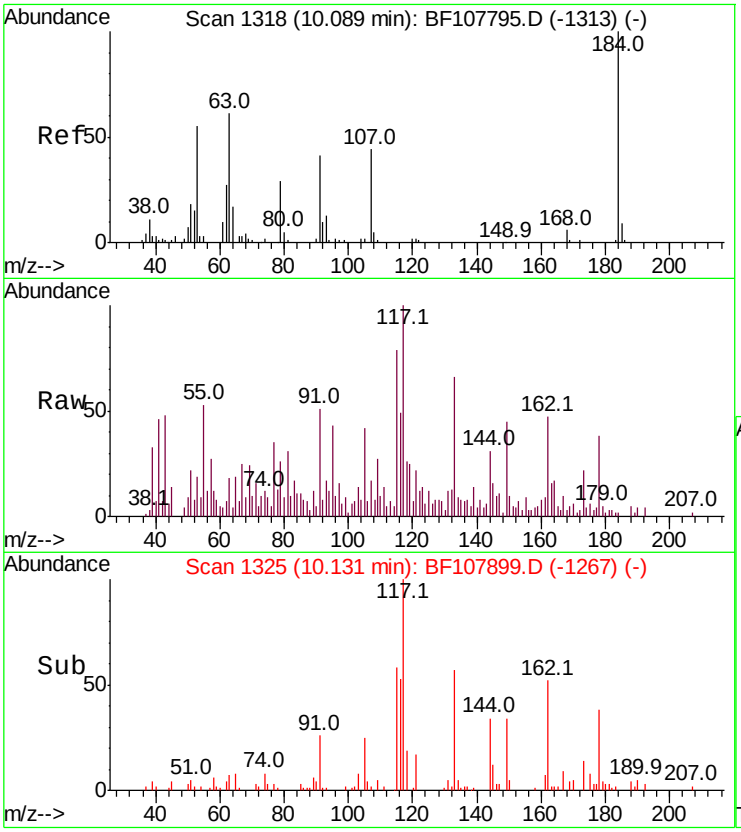


#49
Dimethylphthalate
Concen: 18.696 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Tgt Ion:163 Resp: 332033

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	17.7	8.2	12.2#



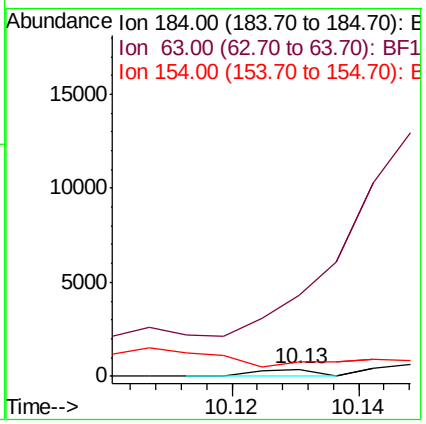


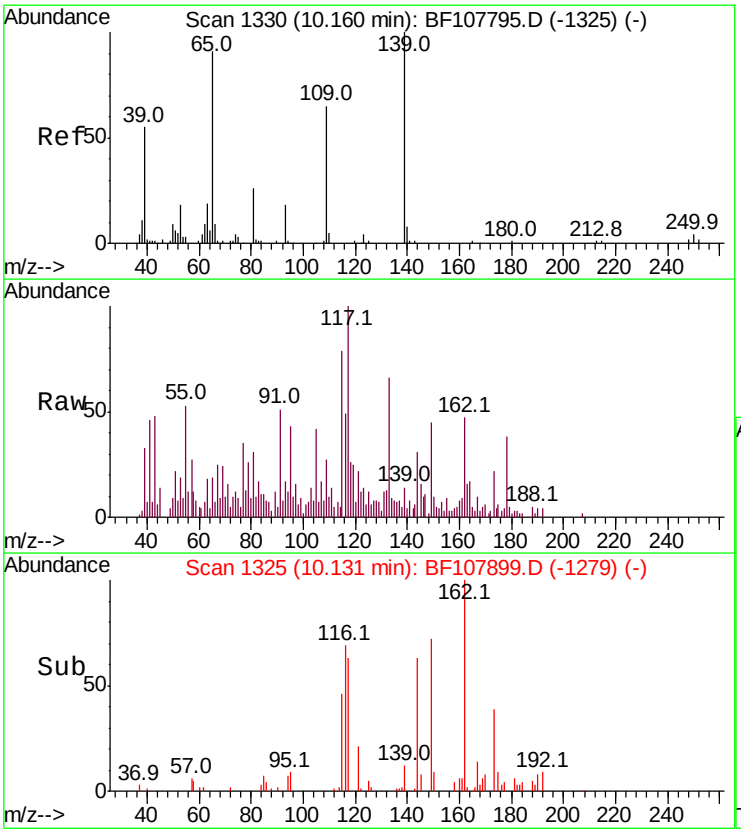
#53
2,4-Dinitrophenol
Concen: 8.548 ng
RT: 10.13 min Scan# 1325
Delta R.T. 0.04 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 245

Ion	Ratio	Lower	Upper
184	100		
63	1125.5	54.2	81.2#
154	211.0	184.0	276.0

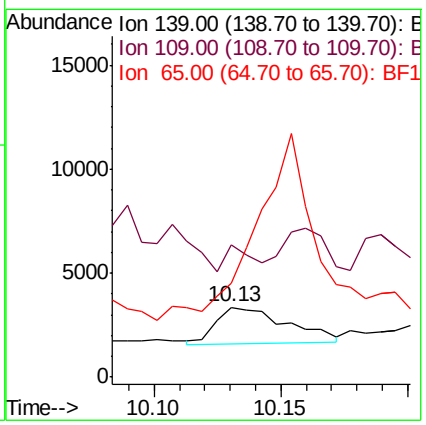


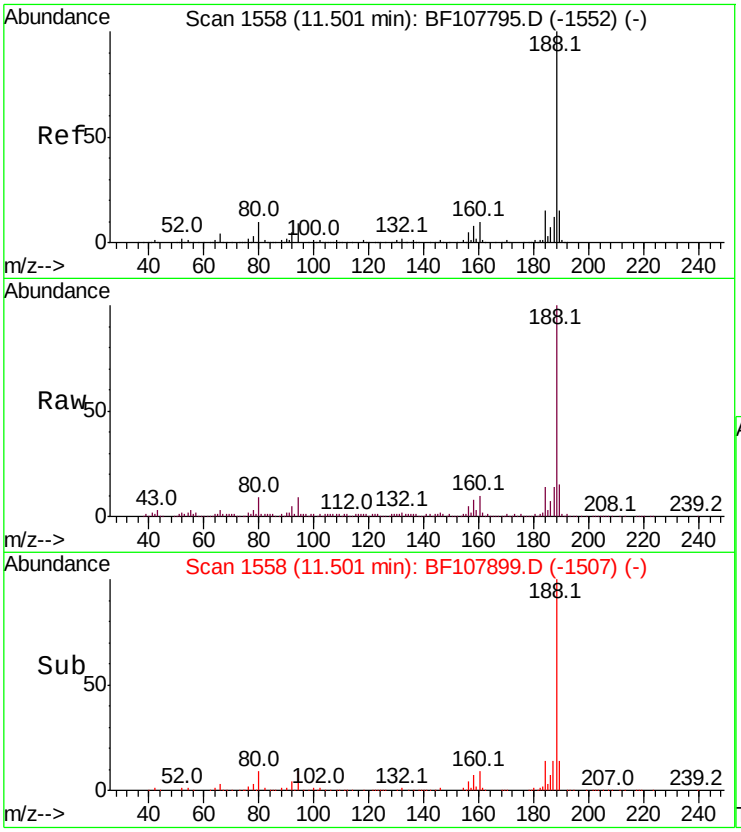


#55
4-Nitrophenol
Concen: 10.627 ng
RT: 10.13 min Scan# 1325
Delta R.T. -0.03 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Tgt Ion:139 Resp: 3406

Ion	Ratio	Lower	Upper
139	100		
109	189.8	48.4	88.4#
65	135.0	72.6	112.6#



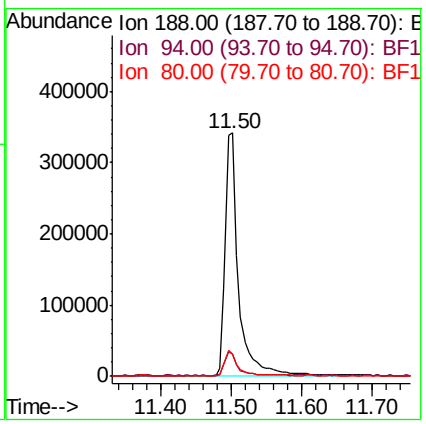


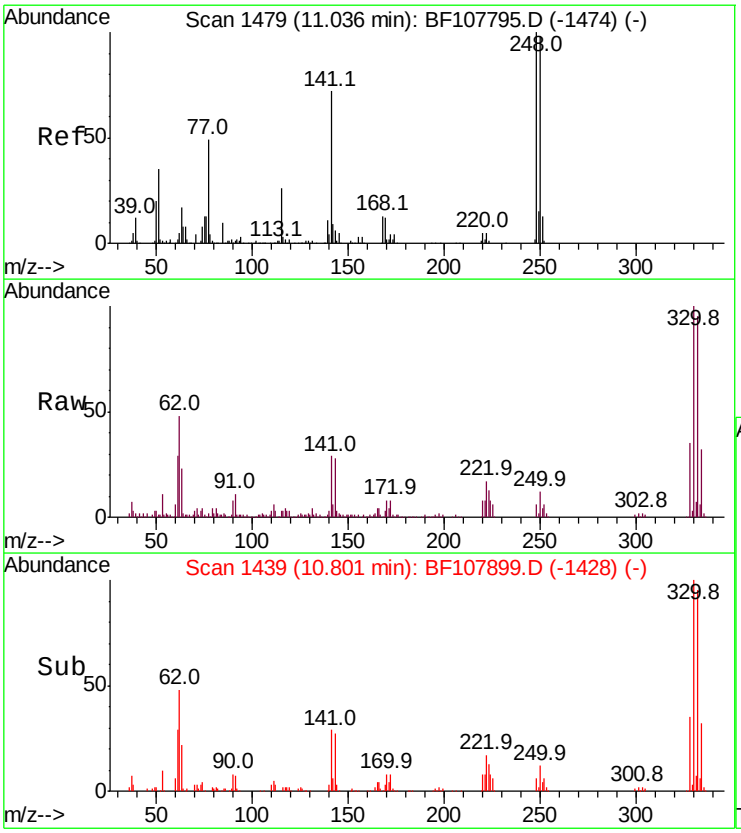
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 454350

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.2	9.2	13.8

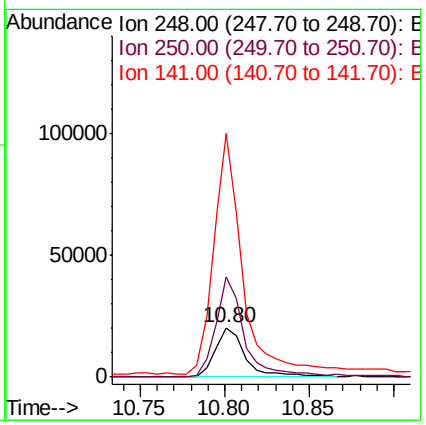


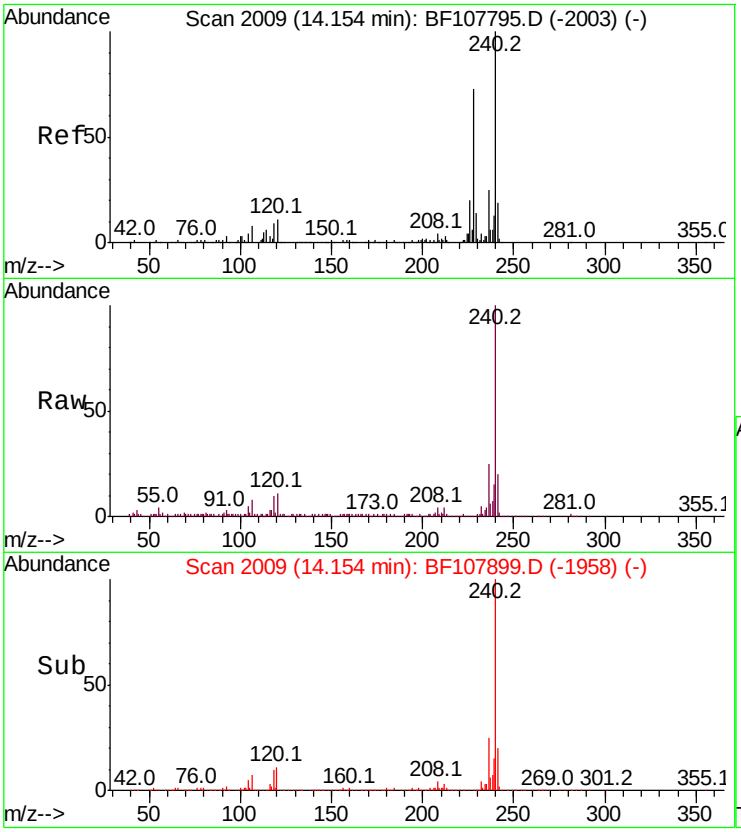


#66
4-Bromophenyl-phenylether
Concen: 4.735 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Tgt Ion:248 Resp: 25077

Ion	Ratio	Lower	Upper
248	100		
250	201.8	76.9	115.3#
141	491.5	74.4	111.6#



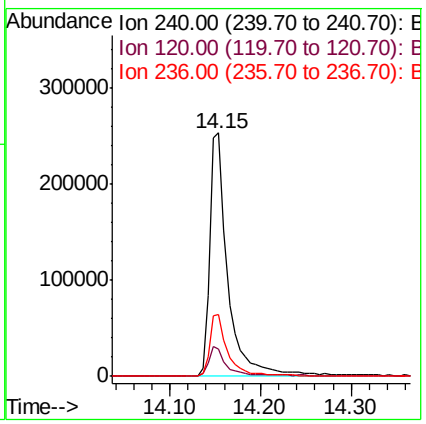


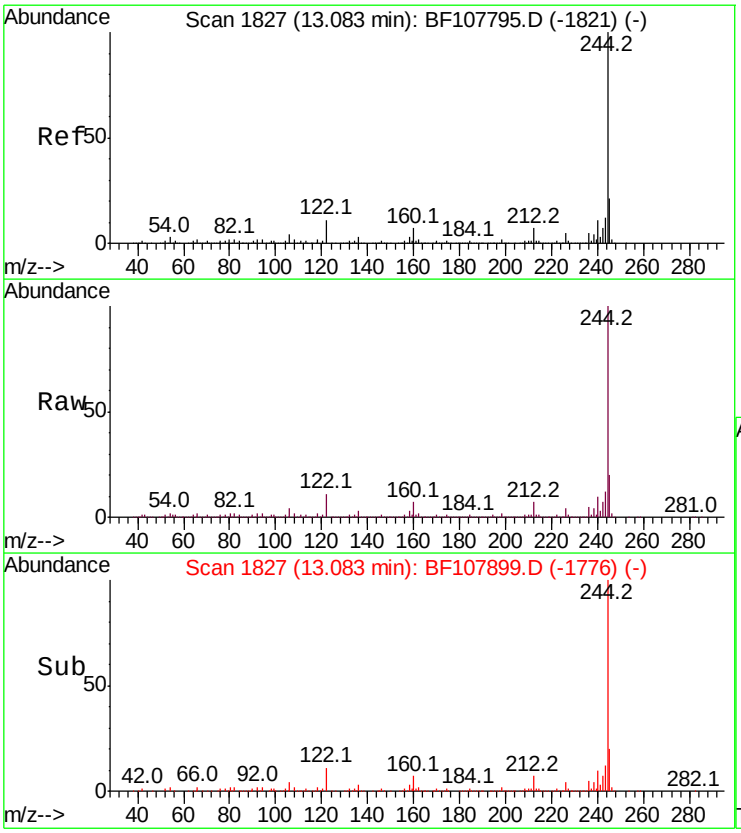
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 354347

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	25.3	20.7	31.1

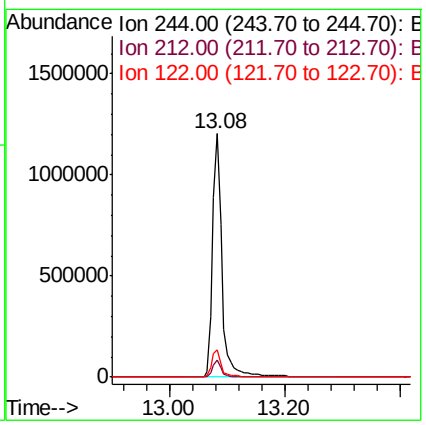


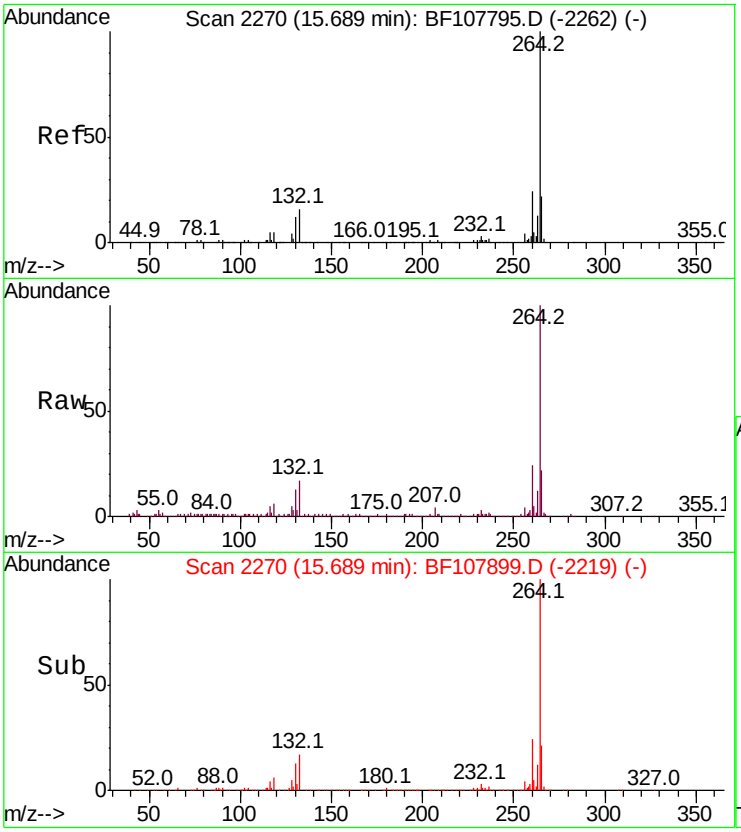


#78
Terphenyl-d14
Concen: 84.361 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Tgt Ion:244 Resp: 1378560

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 376825

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	17.5	26.3