Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080218\
Data File : BF107917.D
Acq On : 2 Aug 2018 18:50
Operator : JU/SJ
Sample : J4267-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-N

Quant Time: Aug 03 00:55:09 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	6.95	152	146818	20.00	ng		-0.01
21) Naphthalene-d8	8.24	136	600723	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	226627	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	411616	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	395592	20.00	ng		-0.01
86) Perylene-d12	15.68	264	303143	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	965403	111.75	ng		0.00
7) Phenol-d6	6.60	99	1139674	100.10	ng		0.00
23) Nitrobenzene-d5	7.52	82	756328	72.53	ng		-0.01
41) 2,4,6-Tribromophenol	10.79	330	271948	88.31	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	1351197	83.08	ng		-0.01
78) Terphenyl-d14	13.07	244	1203257	65.96	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	665	5.938	ng	#	1
3) Pyridine	3.48	79	109	6.264	ng	#	1
9) Benzaldehyde	6.73	77	20532	2.989	ng		91
10) Phenol	6.62	94	52747	3.885	ng	#	31
19) n-Nitroso-di-n-propylamine	7.52	70	89297	12.364	ng	#	77
25) Isophorone	7.52	82	756328	44.187	ng	#	64
49) Dimethylphthalate	9.70	163	150047	8.816	ng	#	99
56) 2,4-Dinitrotoluene	9.99	165	27660	5.690	ng	#	23
74) Fluoranthene	12.71	202	50885	2.216	ng		96
87) Benzo(b)fluoranthene	15.22	252	32726	2.189	ng	#	76

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

Quantitation Report (Not Reviewed)

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Acq On : 2 Aug 2018 18:50
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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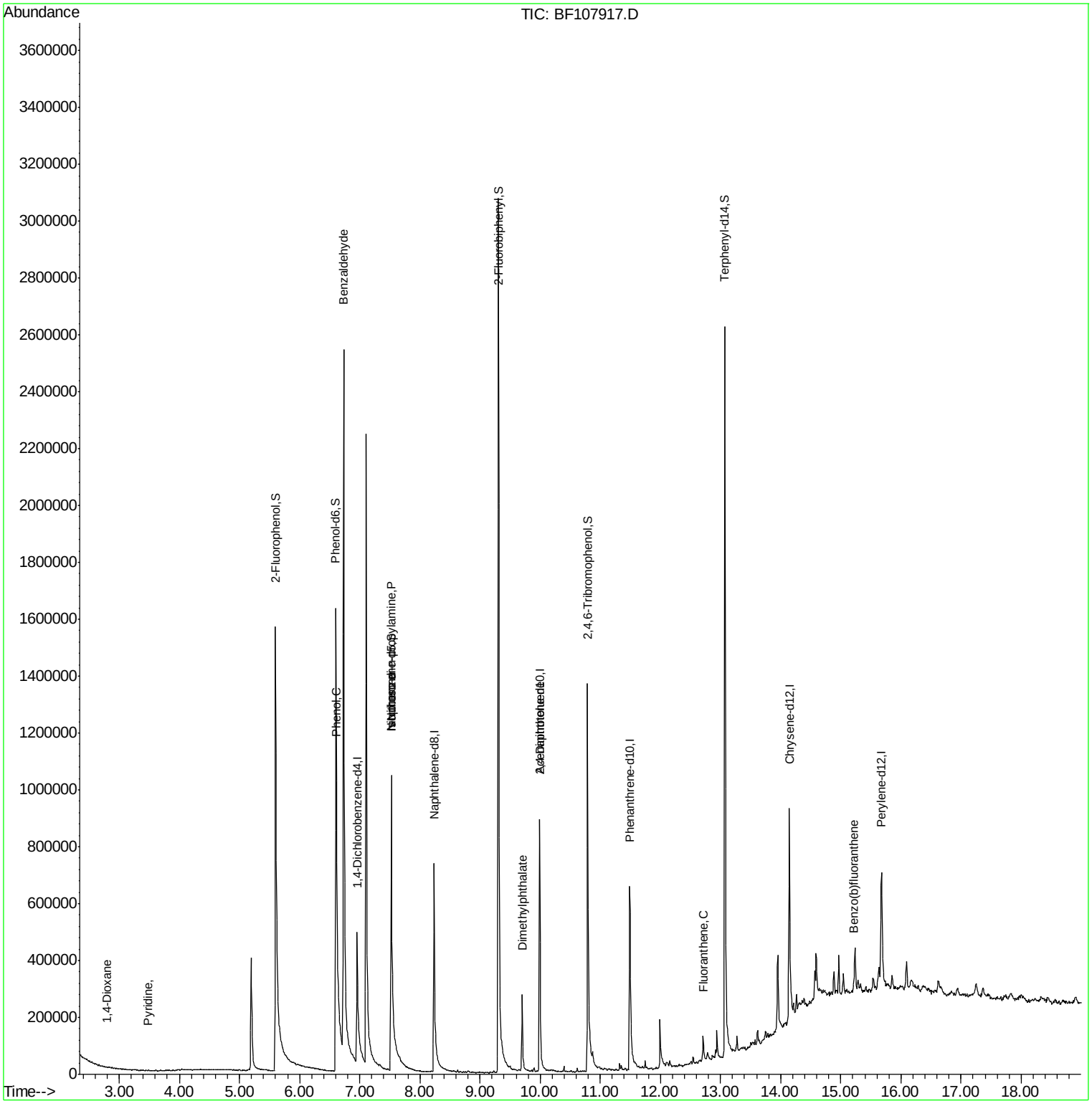
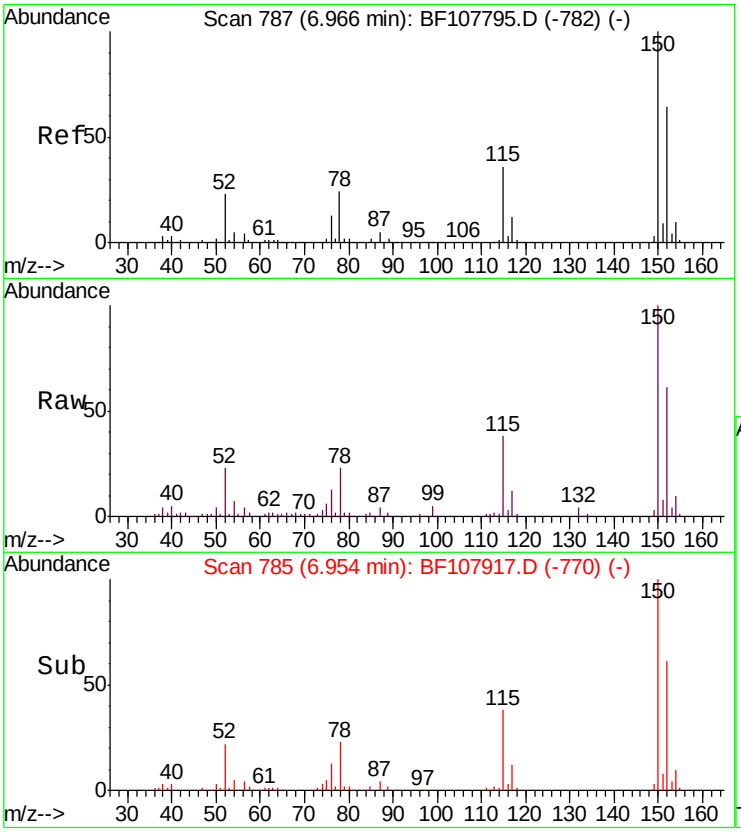
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration



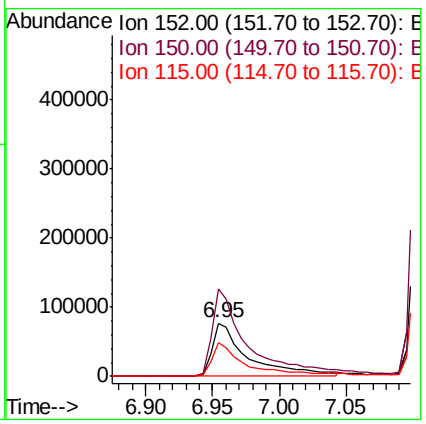


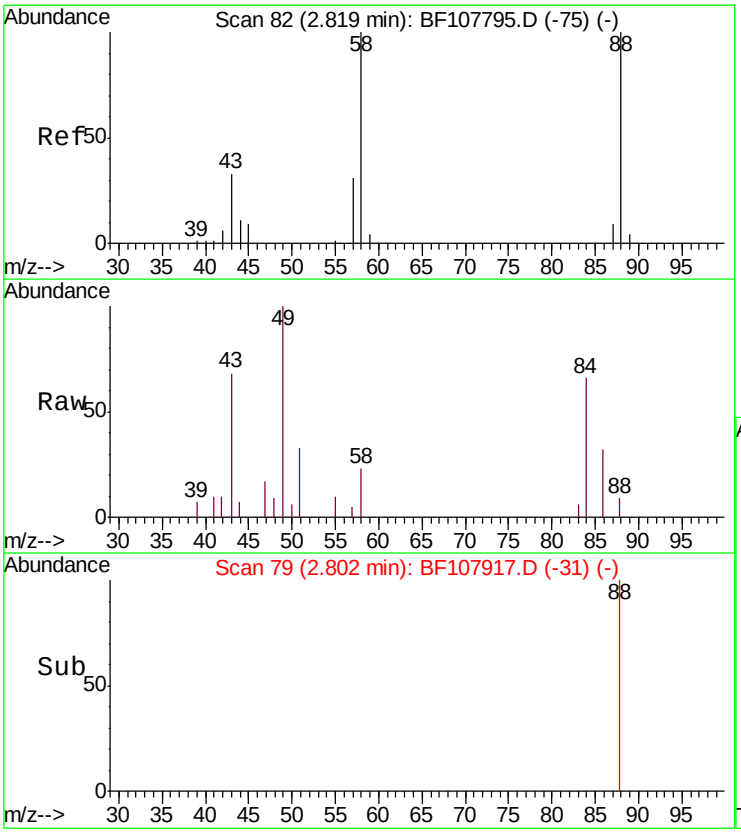
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Instrument :
BNA_F
ClientSampleId :
UST-N

Tgt Ion:152 Resp: 146818

Ion	Ratio	Lower	Upper
152	100		
150	163.0	124.6	186.8
115	62.4	50.1	75.1

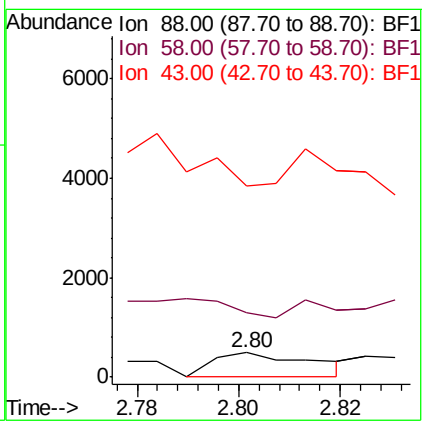


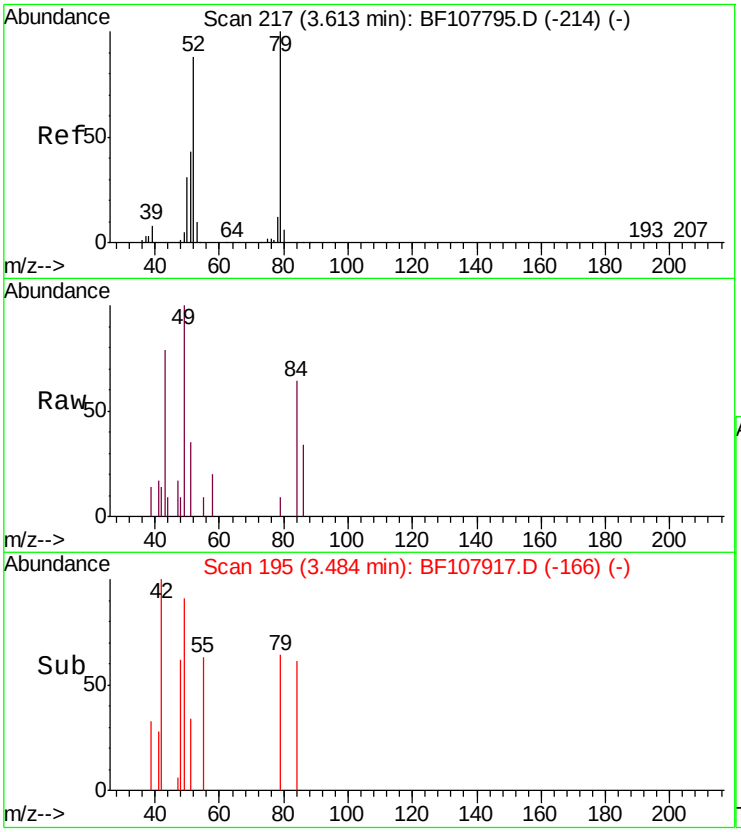


#2
1,4-Dioxane
Concen: 5.938 ng
RT: 2.80 min Scan# 79
Delta R.T. -0.02 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Tgt Ion: 88 Resp: 665

Ion	Ratio	Lower	Upper
88	100		
58	0.0	62.6	93.8#
43	101.7	24.6	37.0#



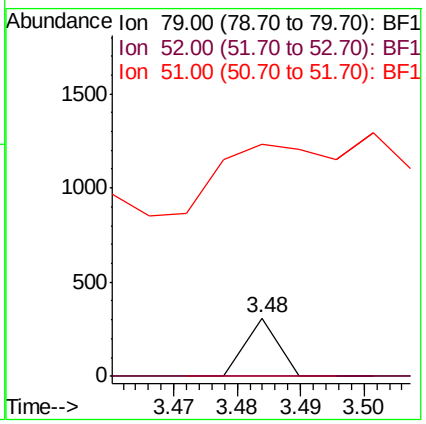


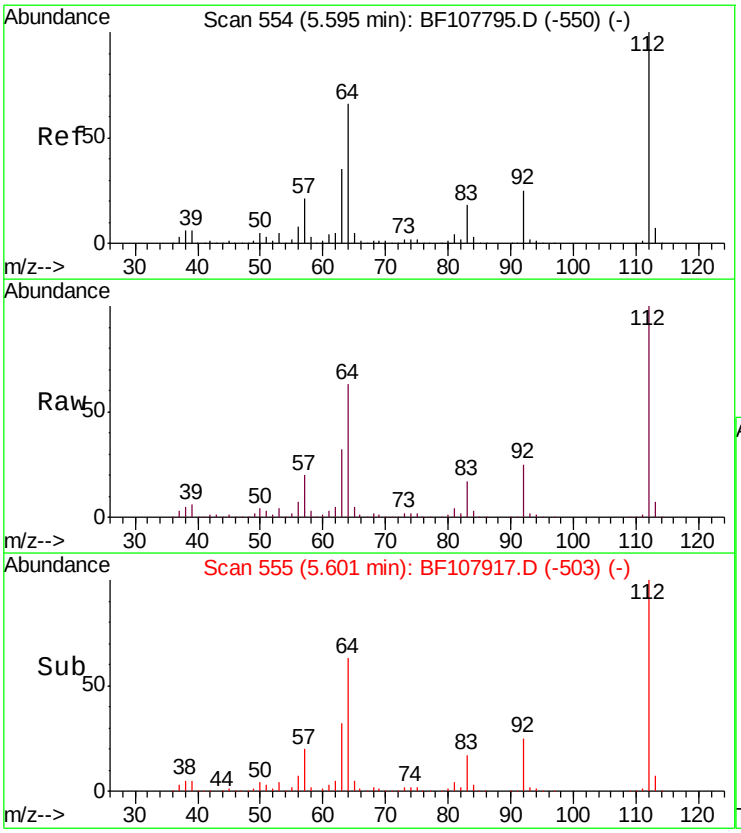
#3
Pyridine
Concen: 6.264 ng
RT: 3.48 min Scan# 195
Delta R.T. -0.13 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Instrument :
BNA_F
ClientSampleId :
UST-N

Tgt Ion: 79 Resp: 109

Ion	Ratio	Lower	Upper
79	100		
52	0.0	59.8	89.6#
51	399.4	29.8	44.8#

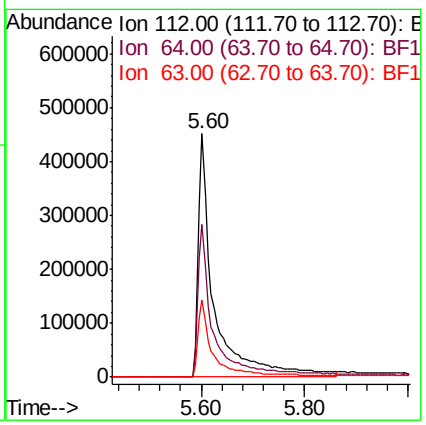


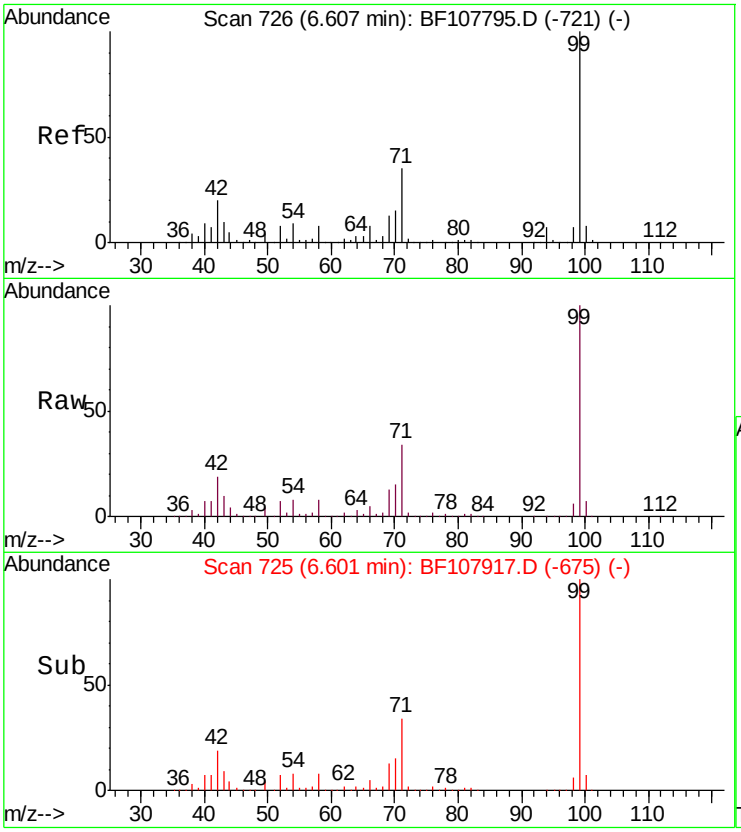


#5
2-Fluorophenol
Concen: 111.754 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Tgt Ion:112 Resp: 965403

Ion	Ratio	Lower	Upper
112	100		
64	62.6	47.9	71.9
63	31.7	23.7	35.5



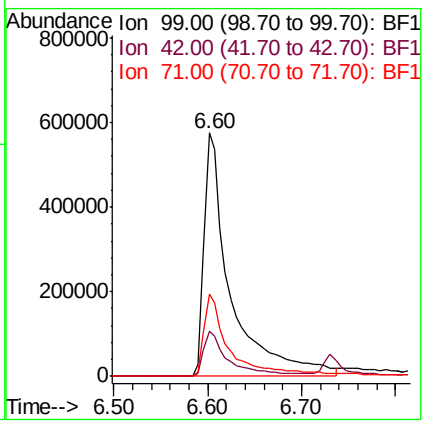


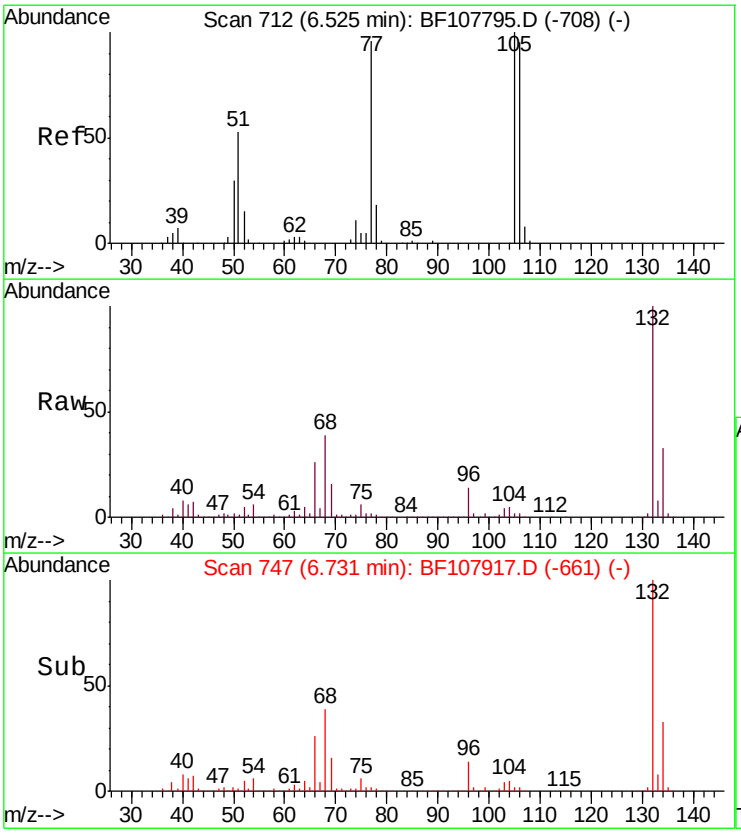
#7
Phenol-d6
Concen: 100.101 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Instrument :
BNA_F
ClientSampleId :
UST-N

Tgt Ion: 99 Resp: 1139674

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	33.8	25.4	38.0

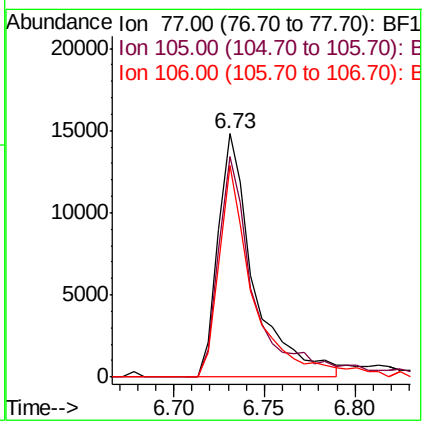


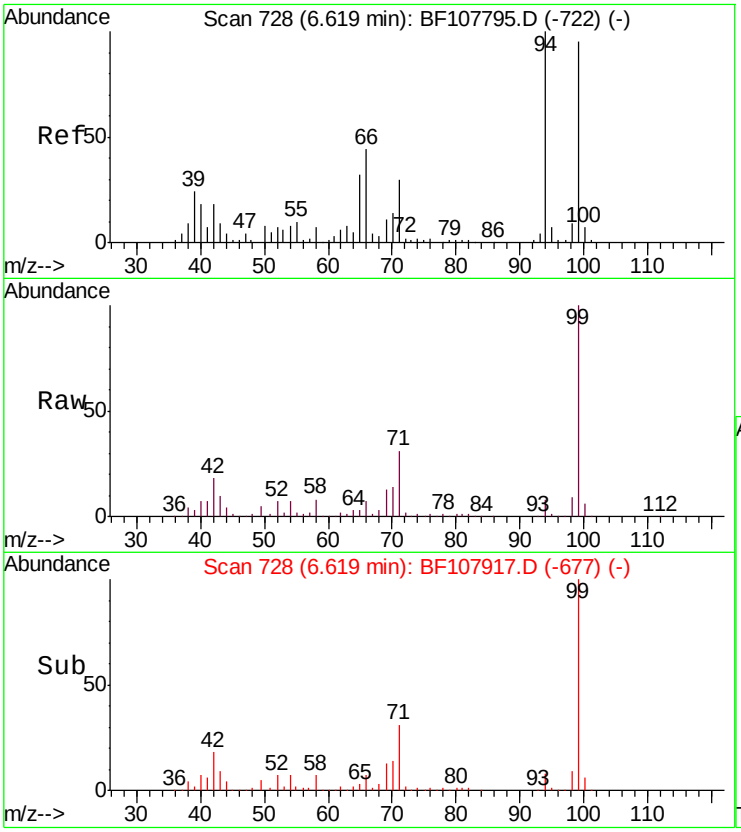


#9
Benzaldehyde
Concen: 2.989 ng
RT: 6.73 min Scan# 747
Delta R.T. 0.21 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Tgt Ion: 77 Resp: 20532

Ion	Ratio	Lower	Upper
77	100		
105	90.8	81.1	121.1
106	87.0	74.5	114.5



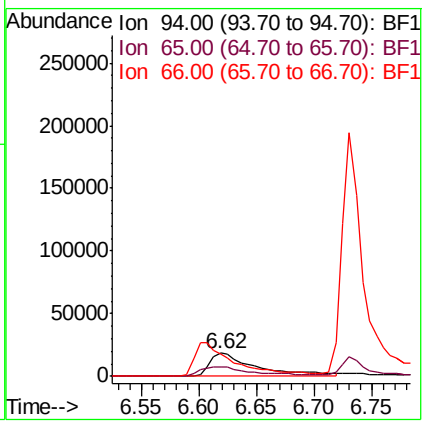


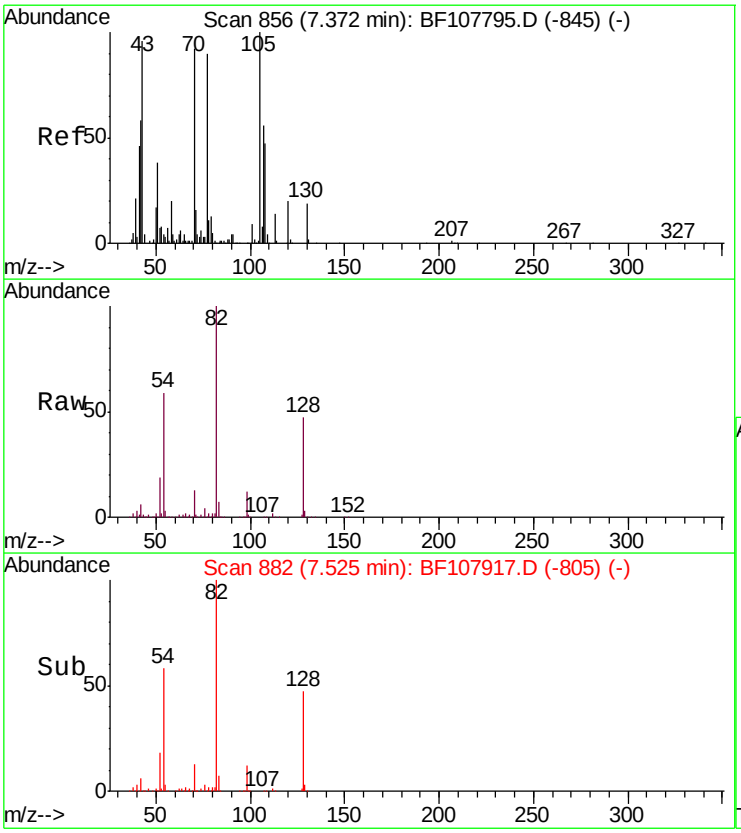
#10
Phenol
Concen: 3.885 ng
RT: 6.62 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Instrument :
BNA_F
ClientSampleId :
UST-N

Tgt Ion: 94 Resp: 52747

Ion	Ratio	Lower	Upper
94	100		
65	41.7	7.9	47.9
66	96.6	16.2	56.2#

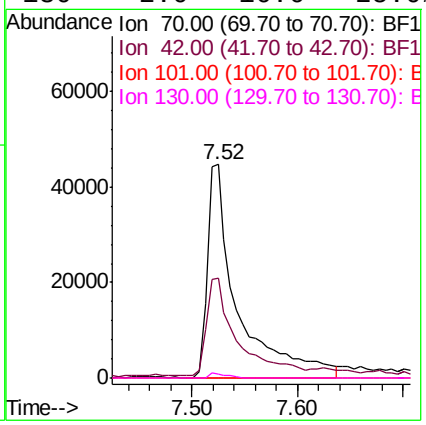


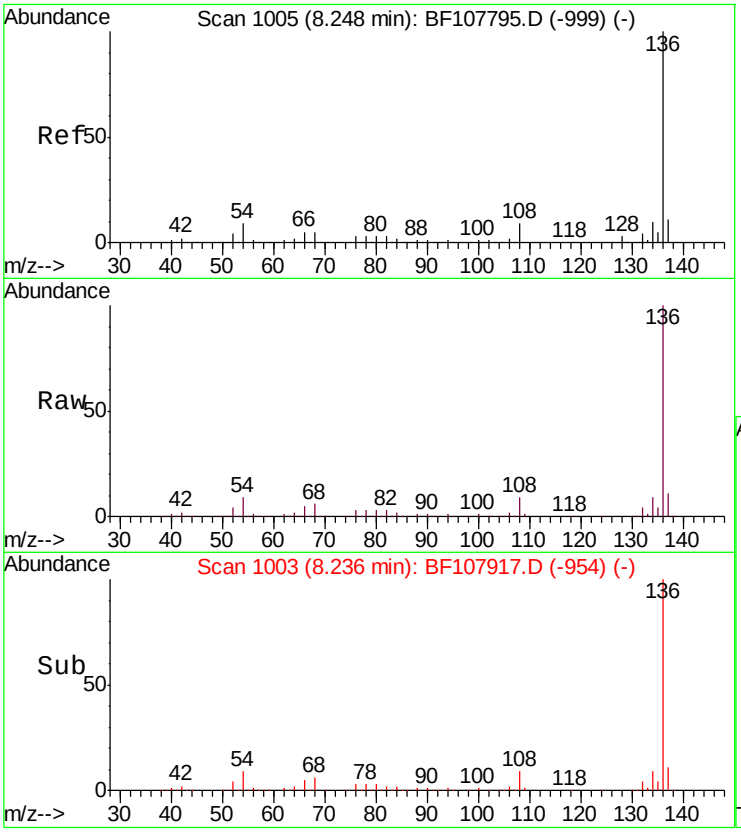


#19
n-Nitroso-di-n-propylamine
Concen: 12.364 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Tgt Ion: 70 Resp: 89297

Ion	Ratio	Lower	Upper
70	100		
42	47.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



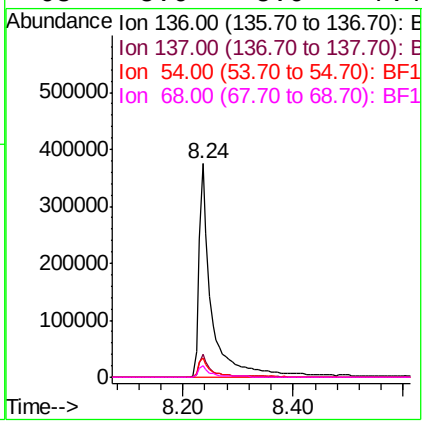


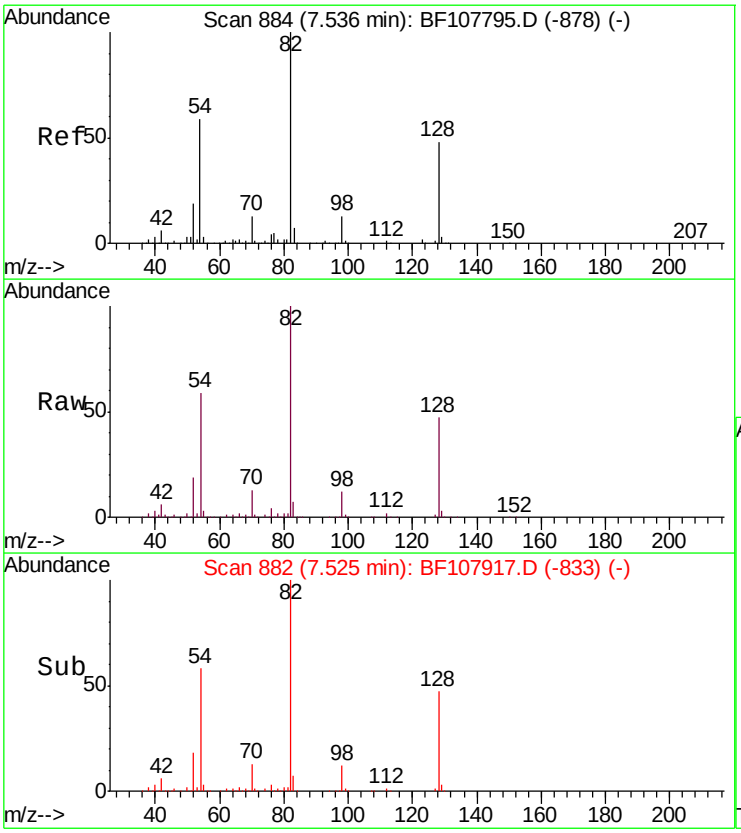
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Instrument :
BNA_F
ClientSampleId :
UST-N

Tgt Ion:136 Resp: 600723

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.9	6.6	9.8
68	5.6	5.0	7.4

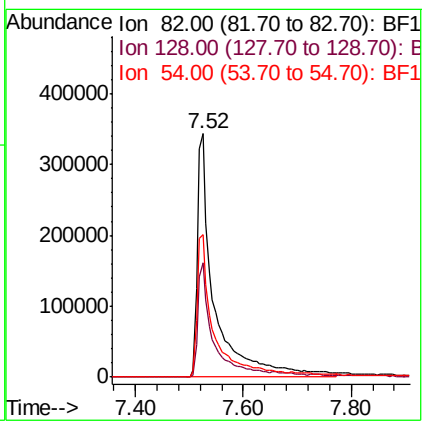


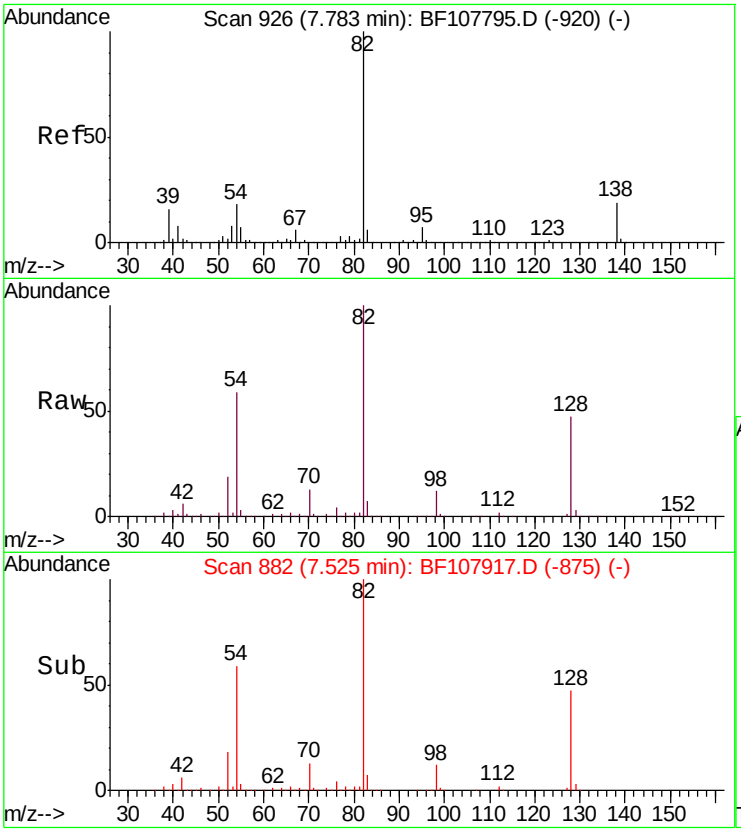


#23
Nitrobenzene-d5
Concen: 72.533 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Tgt Ion: 82 Resp: 756328

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	58.7	41.4	62.2



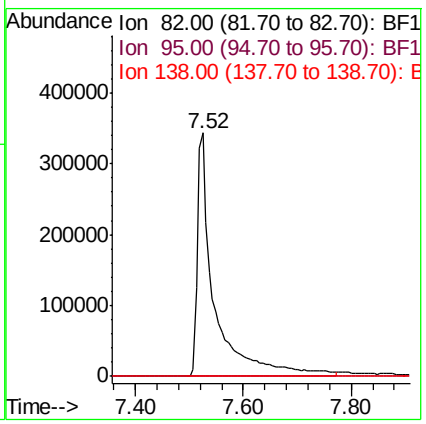


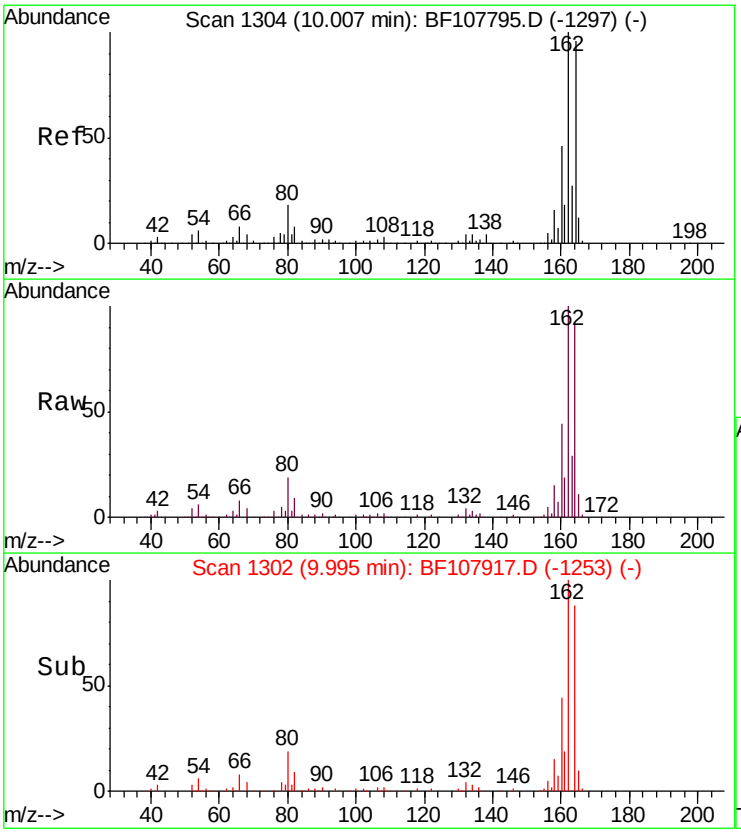
#25
Isophorone
Concen: 44.187 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Instrument :
BNA_F
ClientSampleId :
UST-N

Tgt Ion: 82 Resp: 756328

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

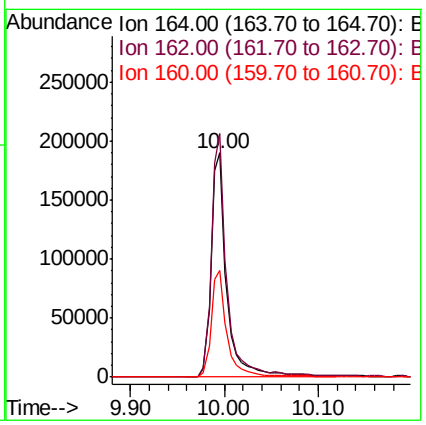


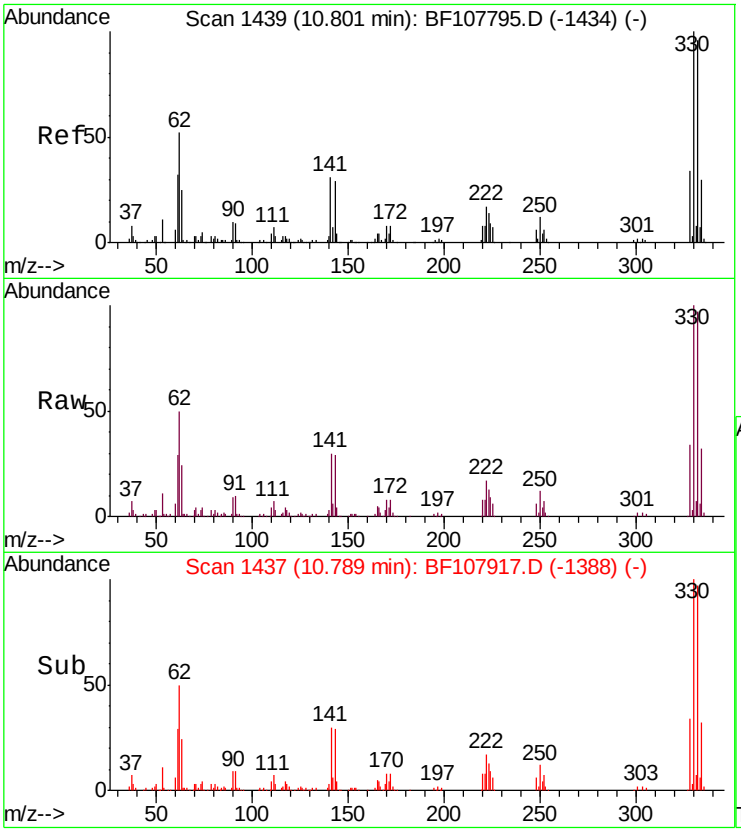


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Tgt Ion:164 Resp: 226627

Ion	Ratio	Lower	Upper
164	100		
162	108.7	86.1	129.1
160	47.5	38.3	57.5



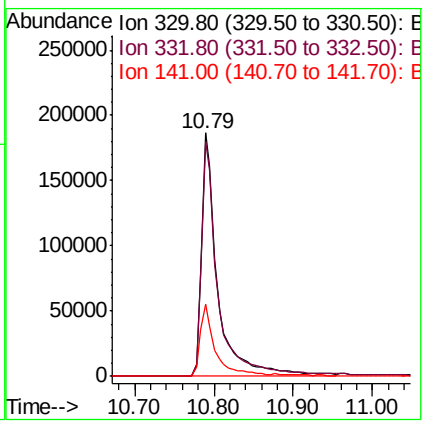


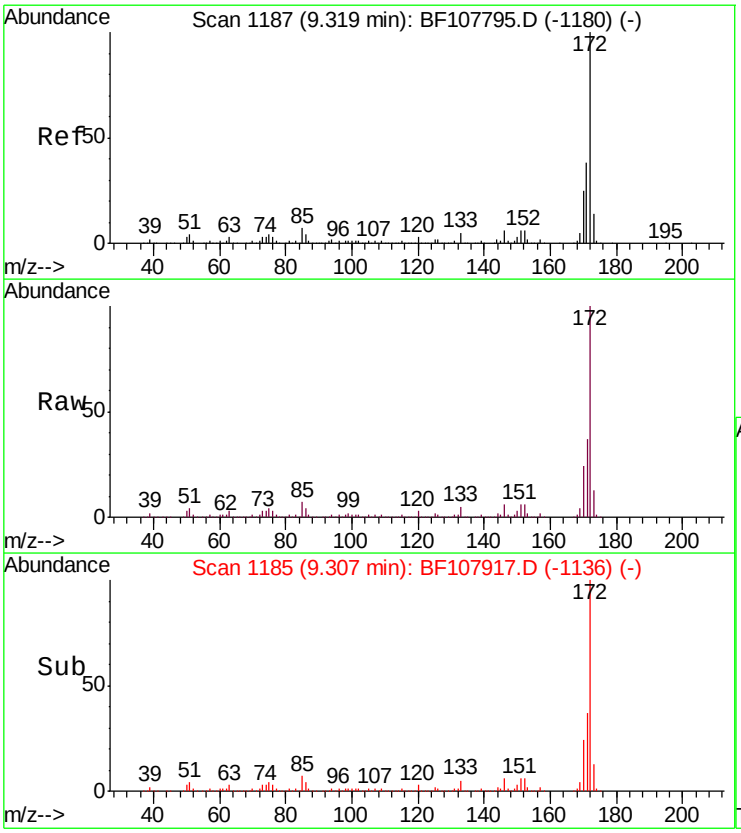
#41
2,4,6-Tribromophenol
Concen: 88.312 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Instrument :
BNA_F
ClientSampleId :
UST-N

Tgt Ion:330 Resp: 271948

Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.0	115.6
141	29.8	29.9	44.9#

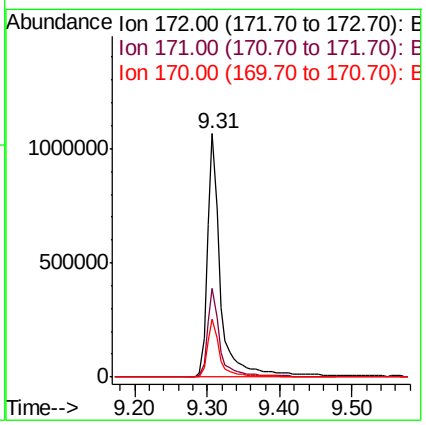


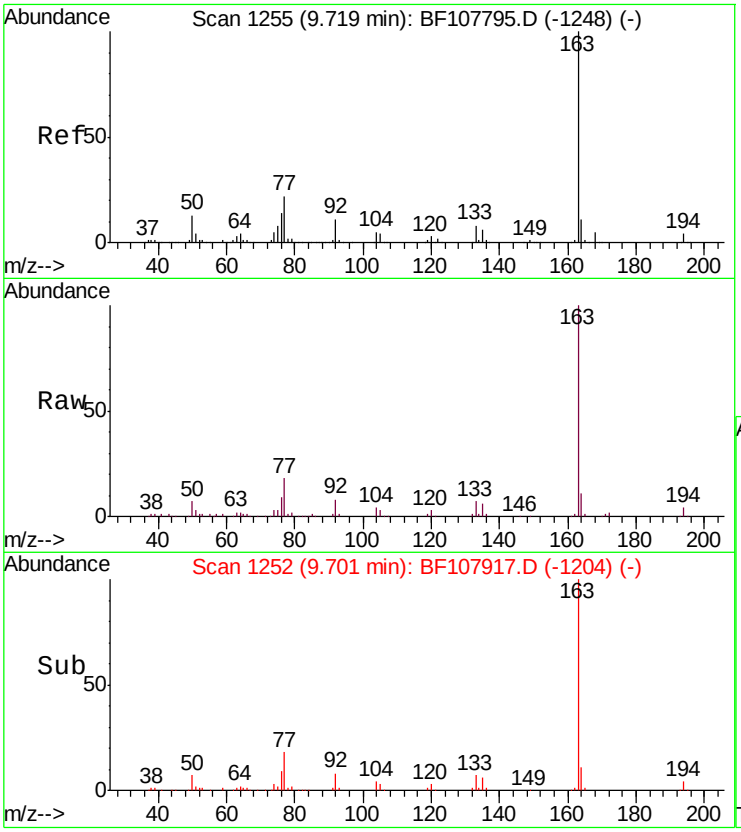


#44
2-Fluorobiphenyl
Concen: 83.083 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Tgt Ion:172 Resp: 1351197

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.1	19.6	29.4



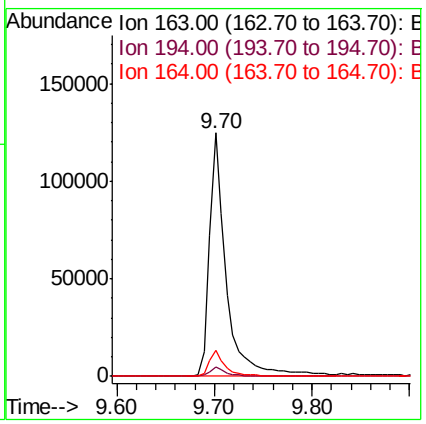


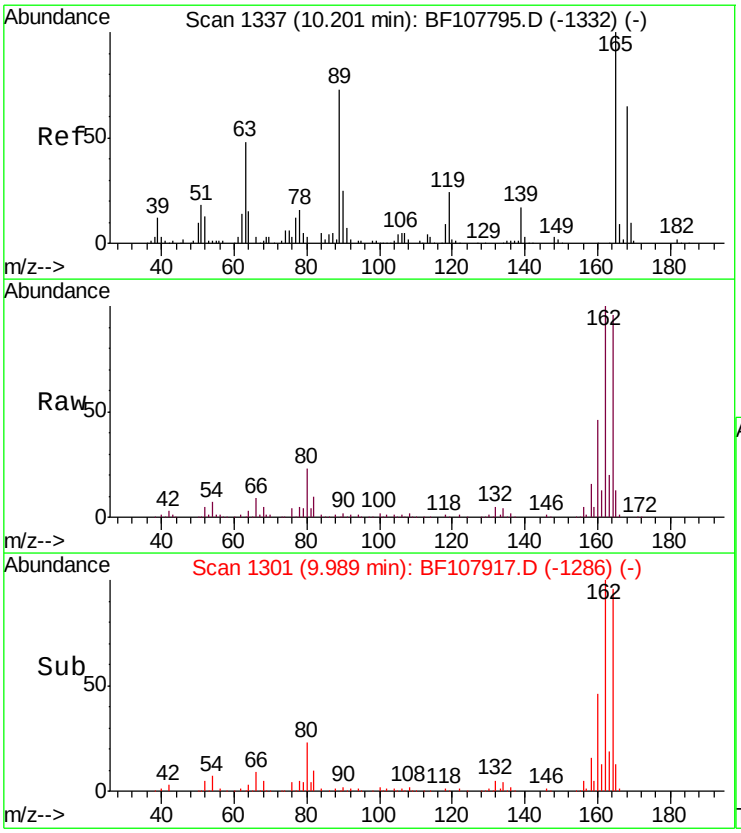
#49
Dimethylphthalate
Concen: 8.816 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Instrument :
BNA_F
ClientSampleId :
UST-N

Tgt Ion:163 Resp: 150047

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.5	8.2	12.2

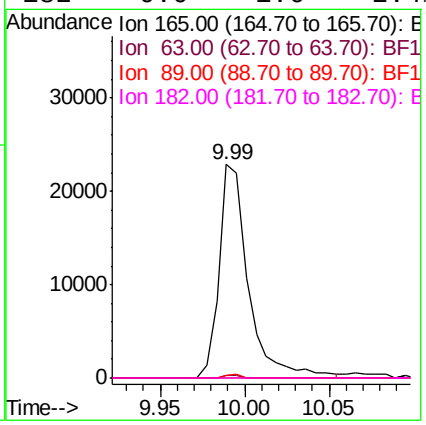


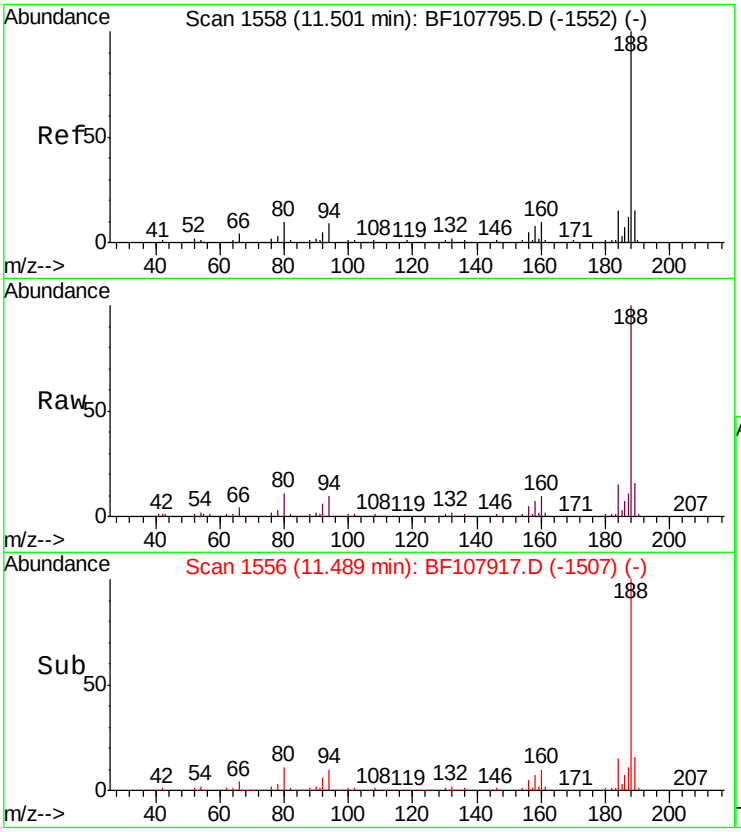


#56
2,4-Dinitrotoluene
Concen: 5.690 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Tgt Ion:165 Resp: 27660

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



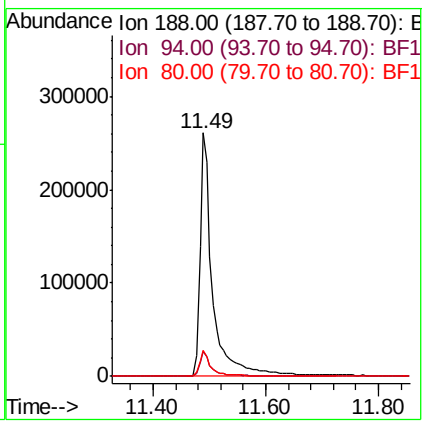


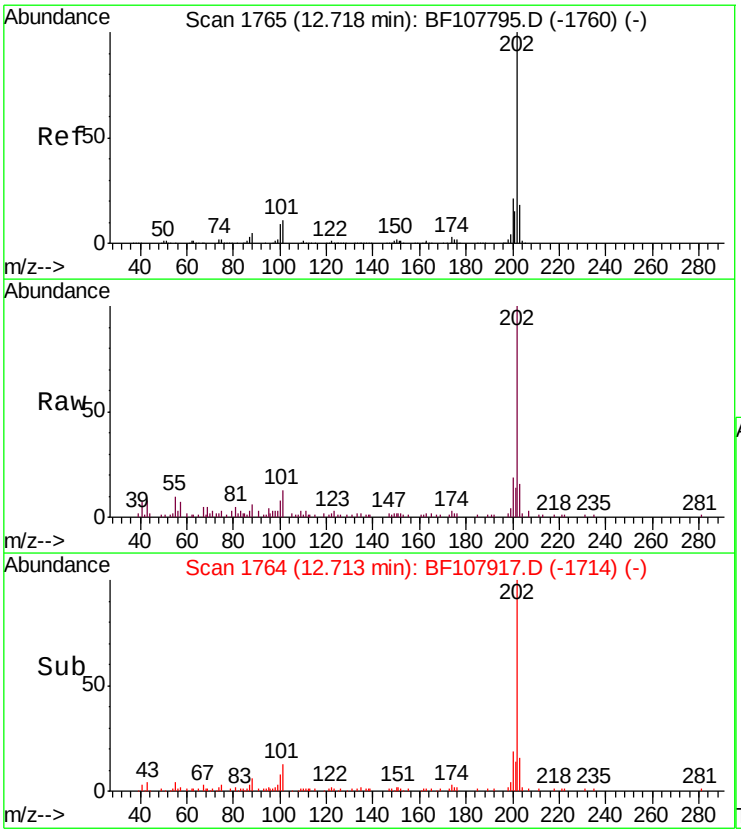
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Instrument :
BNA_F
ClientSampleId :
UST-N

Tgt Ion:188 Resp: 411616

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.8	9.2	13.8

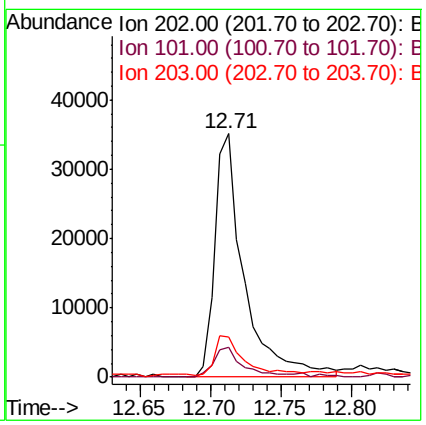


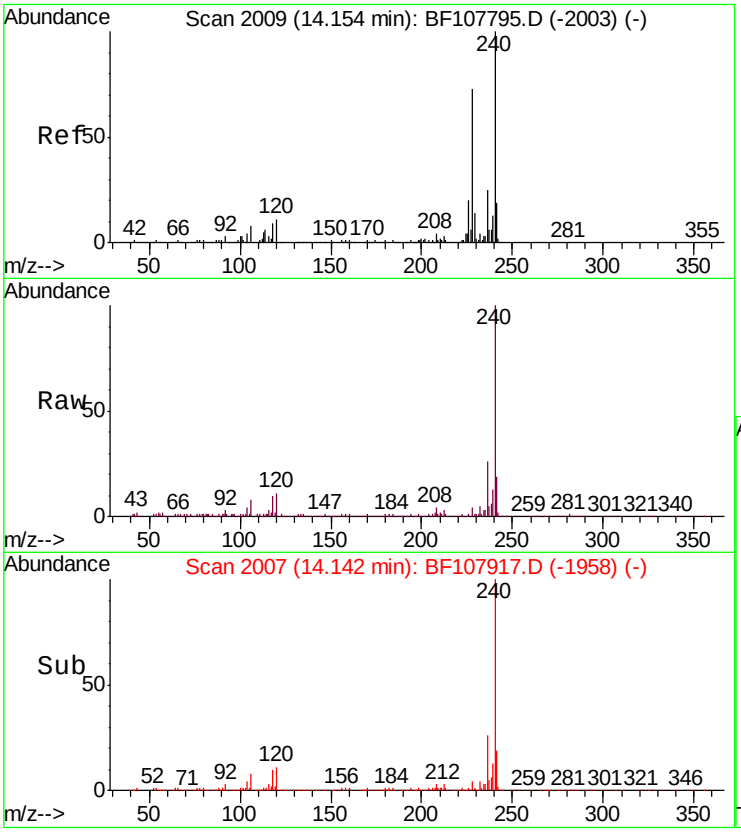


#74
Fluoranthene
Concen: 2.216 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Tgt Ion:202 Resp: 50885

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	16.5	0.0	38.1



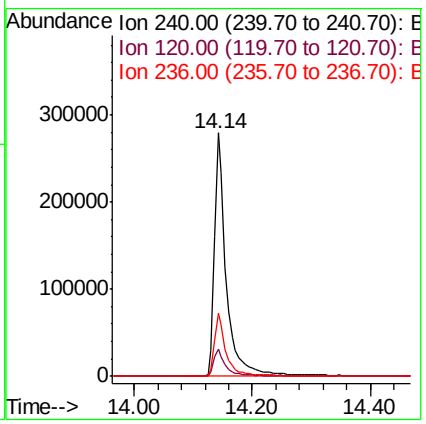


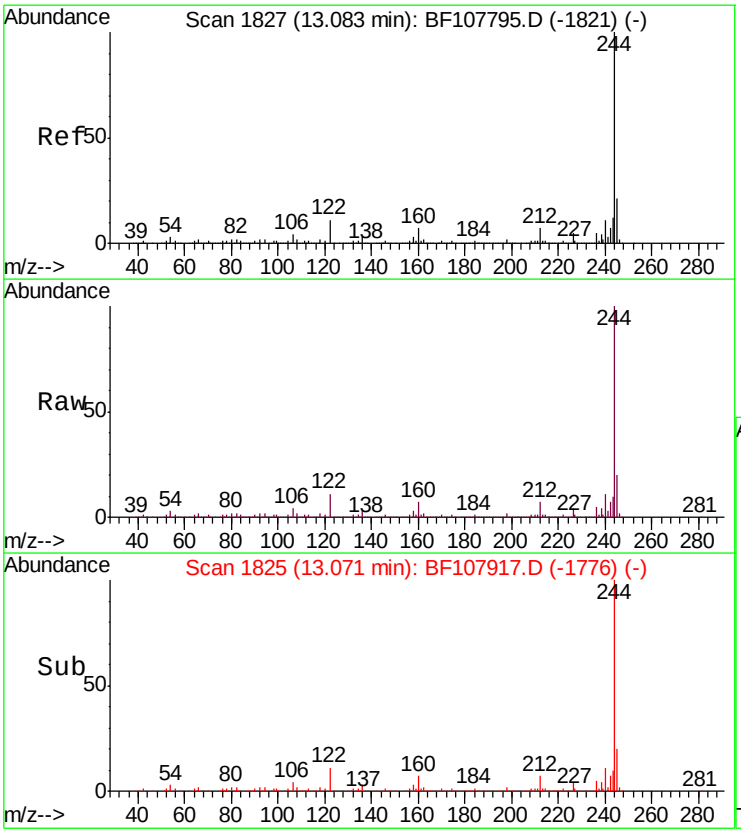
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Instrument :
BNA_F
ClientSampleId :
UST-N

Tgt Ion:240 Resp: 395592

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	26.0	20.7	31.1

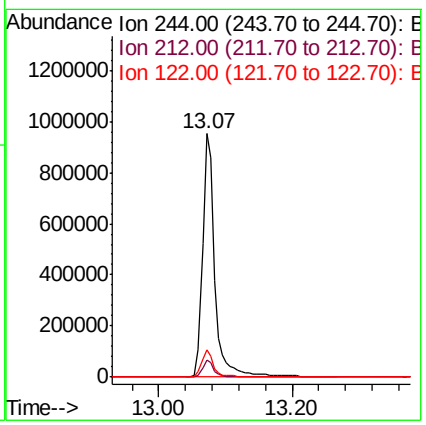


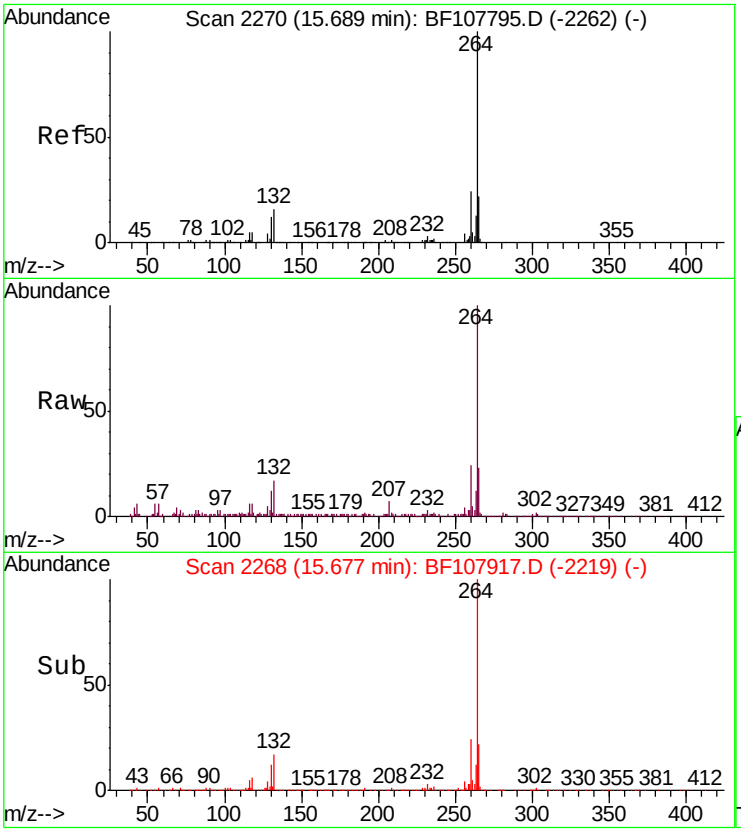


#78
Terphenyl-d14
Concen: 65.956 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Tgt Ion:244 Resp: 1203257

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.4	11.0	16.4



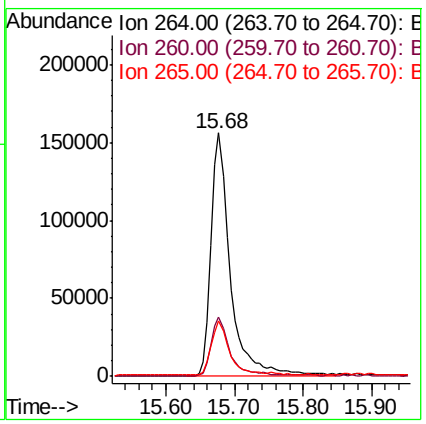


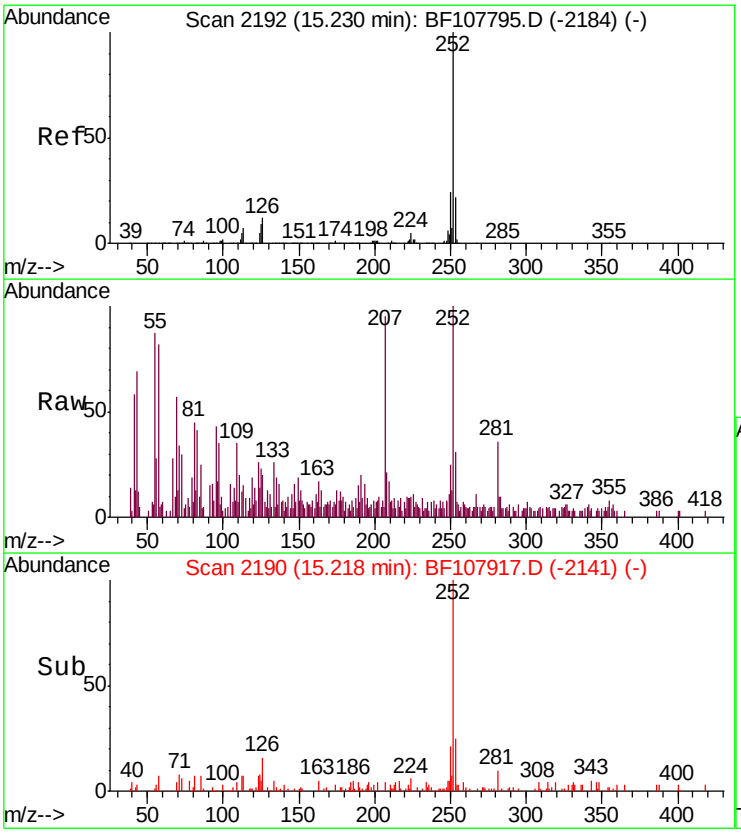
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Instrument :
BNA_F
ClientSampleId :
UST-N

Tgt Ion:264 Resp: 303143

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.7	17.5	26.3





#87
Benzo(b)fluoranthene
Concen: 2.189 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Tgt Ion:252 Resp: 32726

Ion	Ratio	Lower	Upper
252	100		
253	30.9	17.0	25.6#
125	23.0	9.0	13.6#