Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107090.D
Acq On : 3 Jul 2018 18:57
Operator : JU/SJ
Sample : J3798-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 03 22:48:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	54855	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	188578	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	82038	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	161310	20.00	ng		0.00
75) Chrysene-d12	14.15	240	143352	20.00	ng		-0.02
86) Perylene-d12	15.69	264	110640	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	133753	41.29	ng		0.00
7) Phenol-d6	6.60	99	155415	38.42	ng		-0.01
23) Nitrobenzene-d5	7.52	82	209933	61.87	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	41821	43.98	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	399599	81.91	ng		-0.01
78) Terphenyl-d14	13.08	244	496247	83.85	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.51	77	7271	2.141	ng	#	1
10) Phenol	6.62	94	41857	9.066	ng		98
17) 2-Methylphenol	7.22	107	9704	3.191	ng	#	85
18) Hexachloroethane	7.48	117	14870	10.050	ng	#	1
19) n-Nitroso-di-n-propylamine	7.52	70	27447	10.293	ng	#	76
20) 3+4-Methylphenols	7.38	107	2607	Below Cal			91
22) Acetophenone	7.34	105	24985	5.922	ng	#	58
25) Isophorone	7.52	82	209929	35.108	ng	#	64
27) 2,4-Dimethylphenol	7.91	122	36129	14.292	ng	#	94
32) Benzoic acid	8.02	122	1178	6.295	ng	#	30
49) Dimethylphthalate	9.70	163	117495	19.096	ng	#	97
56) 2,4-Dinitrotoluene	10.00	165	10543	6.199	ng	#	21

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

Quantitation Report (Not Reviewed)

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Data File : BF107090.D
Acq On : 3 Jul 2018 18:57
Operator : JU/SJ
Sample : J3798-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
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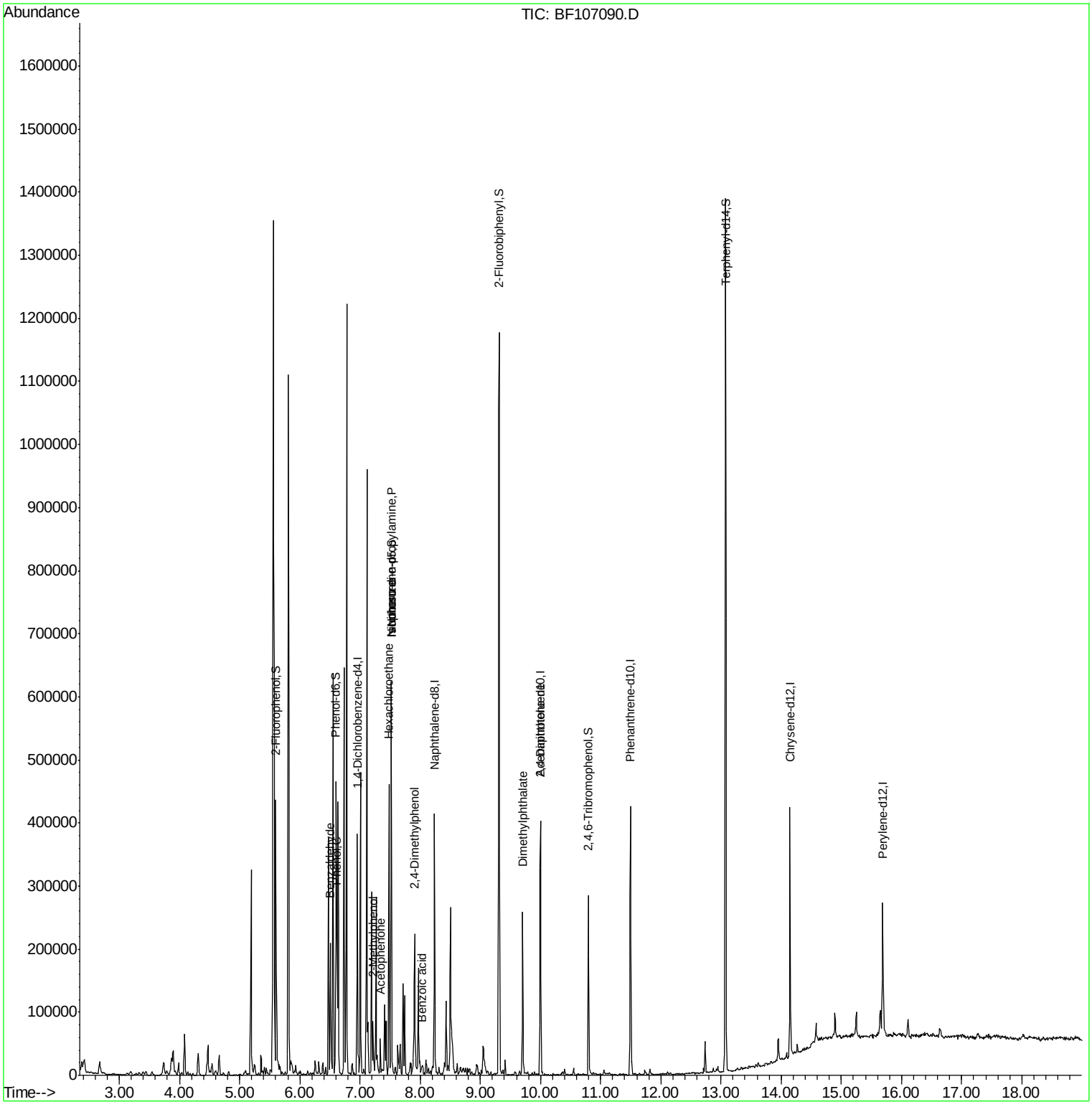
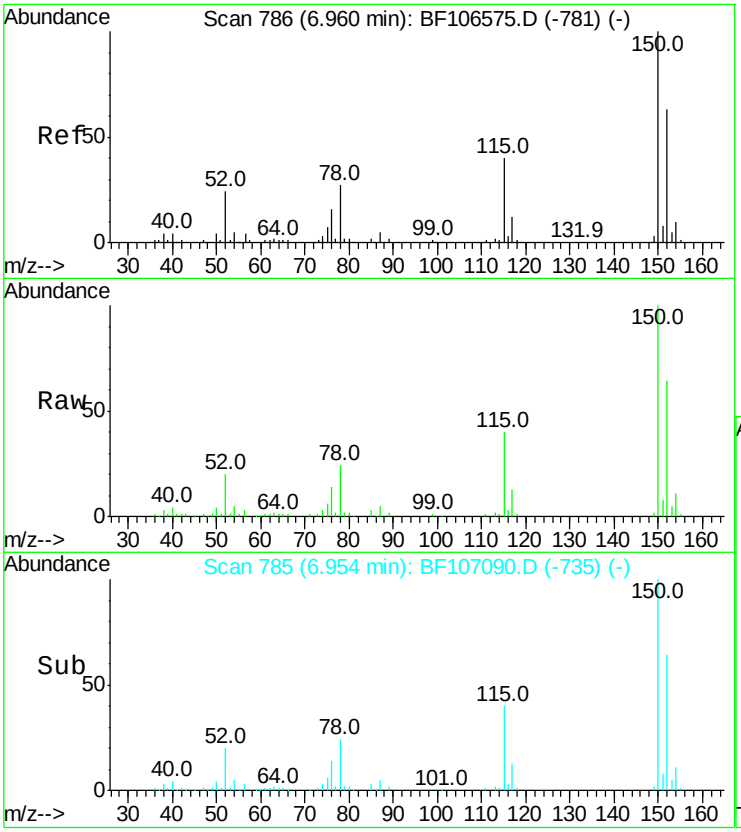


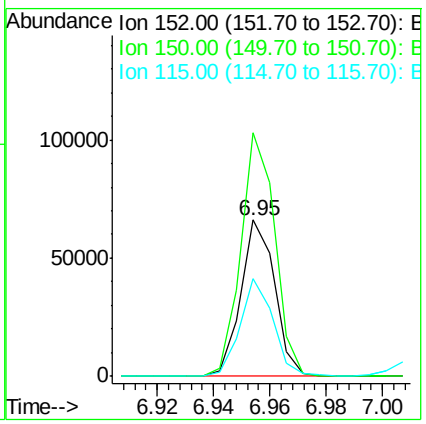


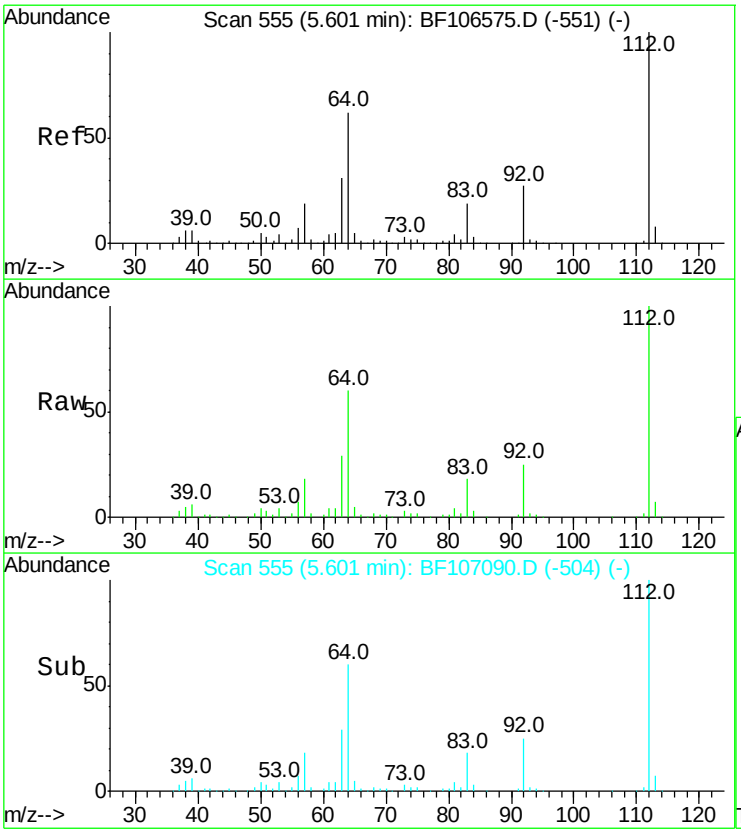
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107090.D
Acq: 3 Jul 2018 18:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 54855

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	62.2	50.1	75.1

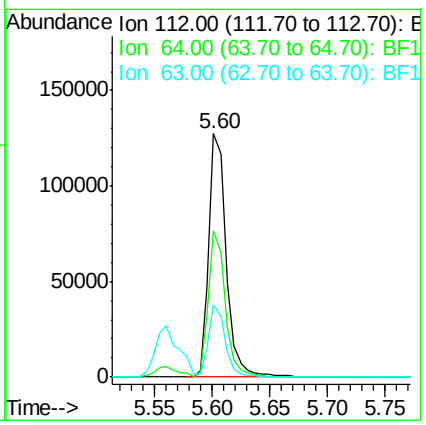


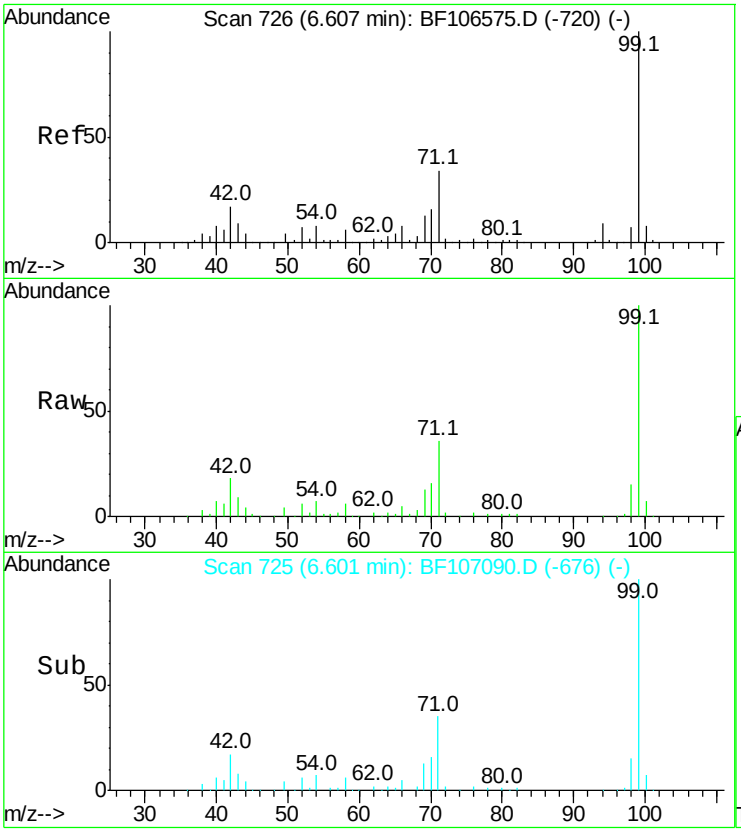


#5
2-Fluorophenol
Concen: 41.288 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF107090.D
Acq: 3 Jul 2018 18:57

Tgt Ion:112 Resp: 133753

Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.9	71.9
63	29.4	23.7	35.5



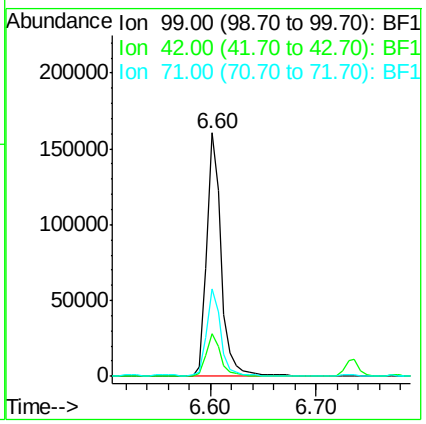


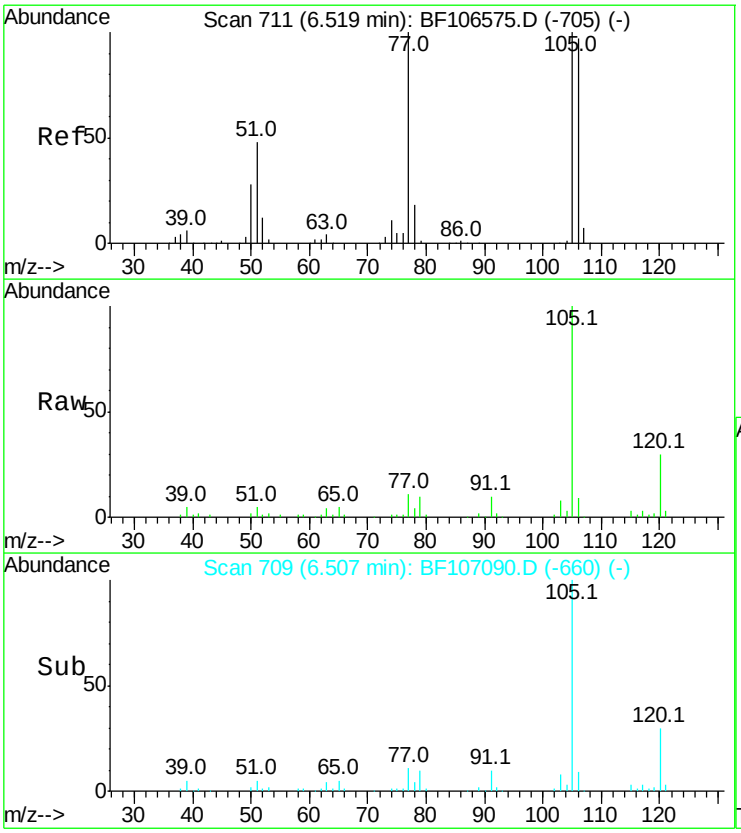
#7
Phenol-d6
Concen: 38.417 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107090.D
Acq: 3 Jul 2018 18:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 155415

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.5	21.7
71	36.1	25.4	38.0

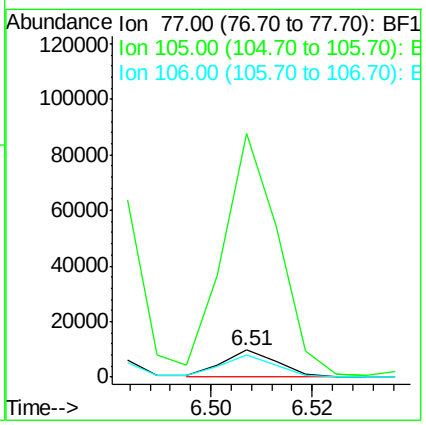


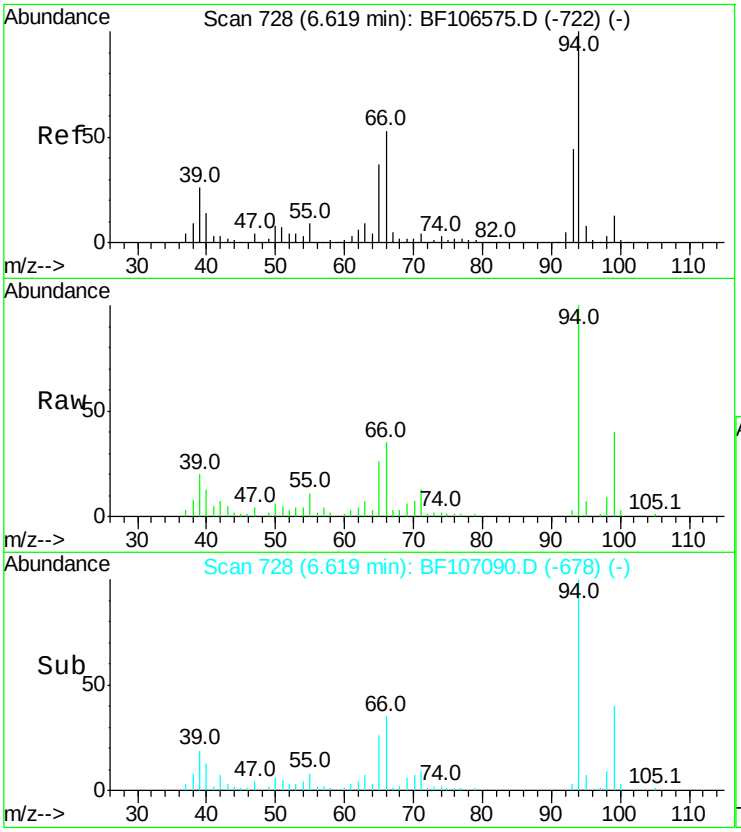


#9
Benzaldehyde
Concen: 2.141 ng
RT: 6.51 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF107090.D
Acq: 3 Jul 2018 18:57

Tgt Ion: 77 Resp: 7271

Ion	Ratio	Lower	Upper
77	100		
105	912.0	81.1	121.1#
106	82.8	74.5	114.5

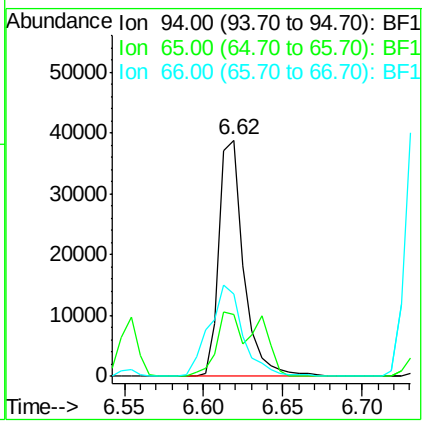




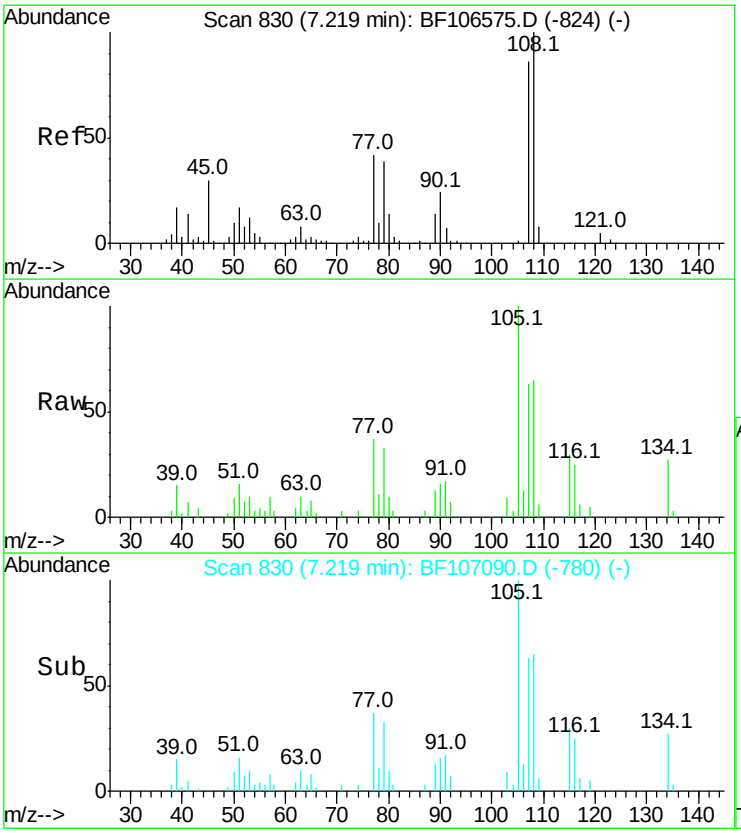
#10
Phenol
Concen: 9.066 ng
RT: 6.62 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF107090.D
Acq: 3 Jul 2018 18:57

Tgt Ion: 94 Resp: 41857

Ion	Ratio	Lower	Upper
94	100		
65	26.2	7.9	47.9
66	35.2	16.2	56.2



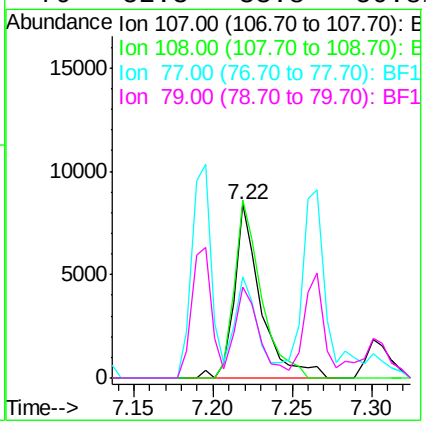
Instrument :
BNA_F
ClientSampleId :

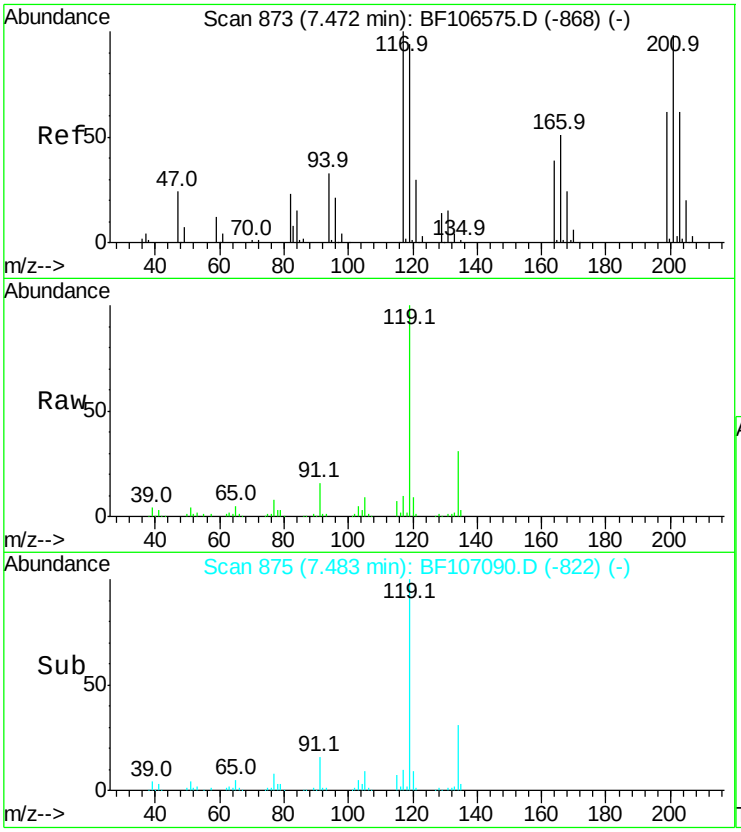


#17
2-Methylphenol
Concen: 3.191 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107090.D
Acq: 3 Jul 2018 18:57

Tgt Ion:107 Resp: 9704

Ion	Ratio	Lower	Upper
107	100		
108	102.6	91.7	137.5
77	57.9	33.8	50.8#
79	52.3	33.8	50.8#



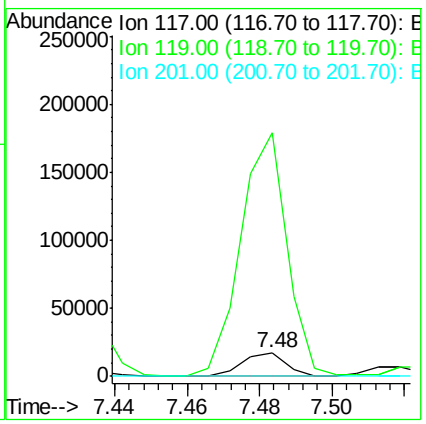


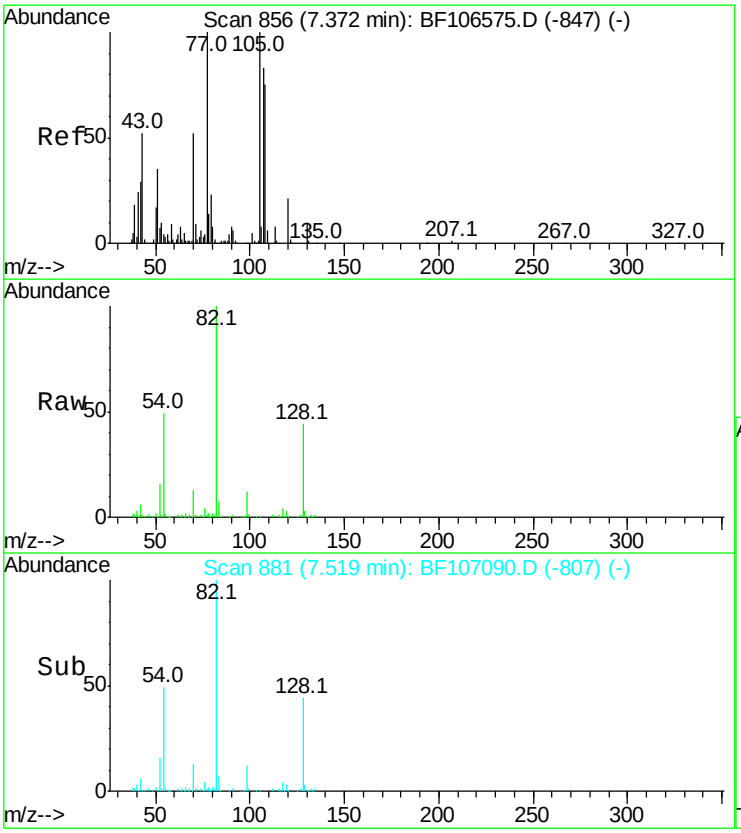
#18
Hexachloroethane
Concen: 10.050 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF107090.D
Acq: 3 Jul 2018 18:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 14870

Ion	Ratio	Lower	Upper
117	100		
119	1036.4	75.8	113.8#
201	0.0	75.7	113.5#

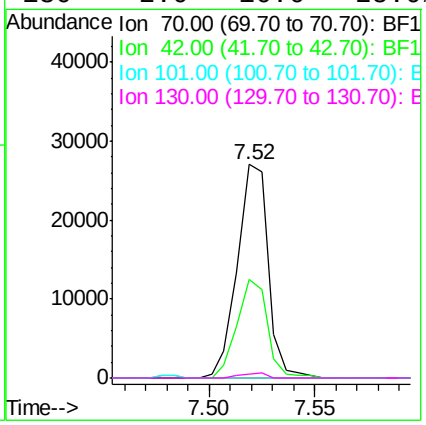


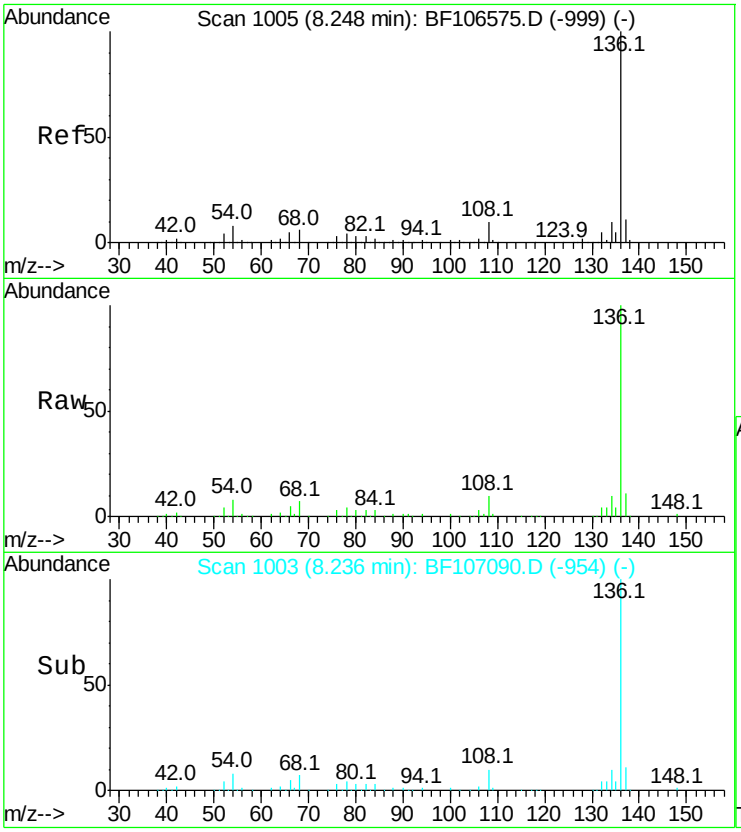


#19
n-Nitroso-di-n-propylamine
Concen: 10.293 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF107090.D
Acq: 3 Jul 2018 18:57

Tgt Ion: 70 Resp: 27447

Ion	Ratio	Lower	Upper
70	100		
42	45.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



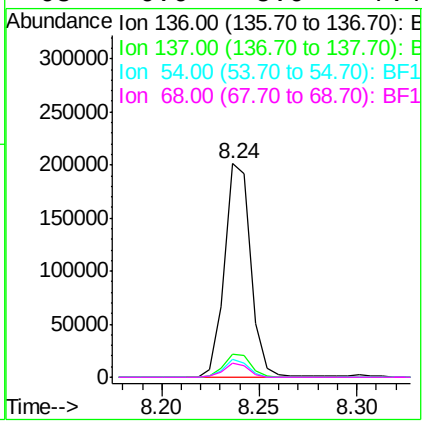


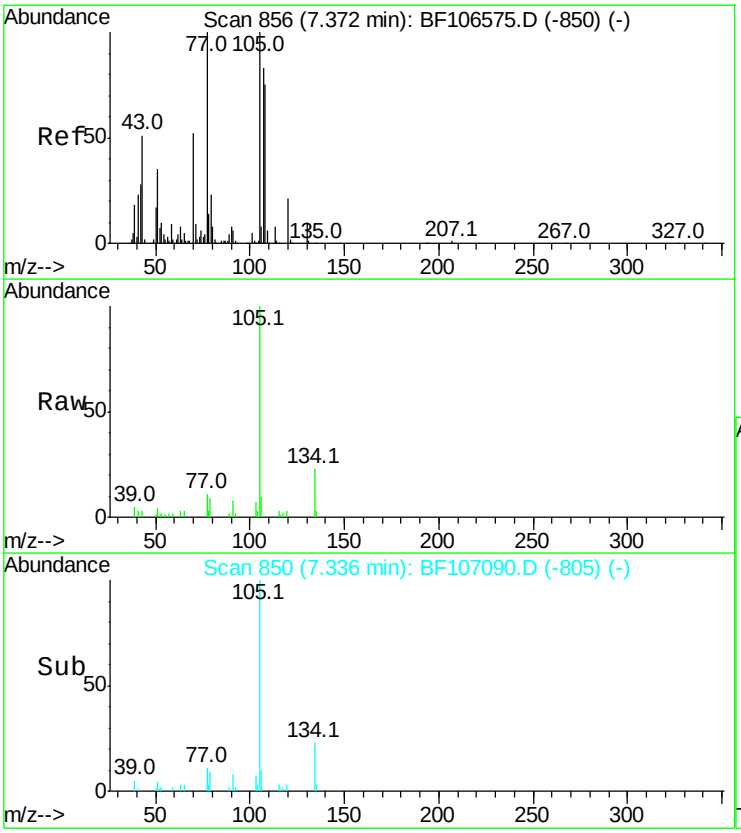
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107090.D
Acq: 3 Jul 2018 18:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 188578

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.2	6.6	9.8
68	6.6	5.0	7.4

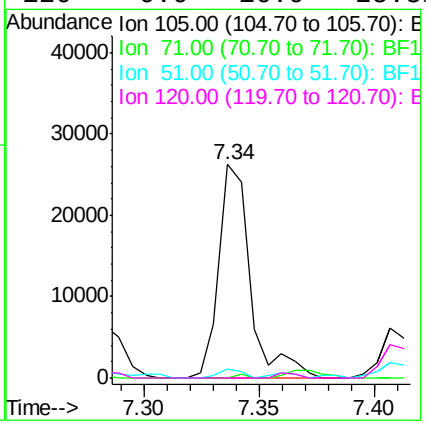


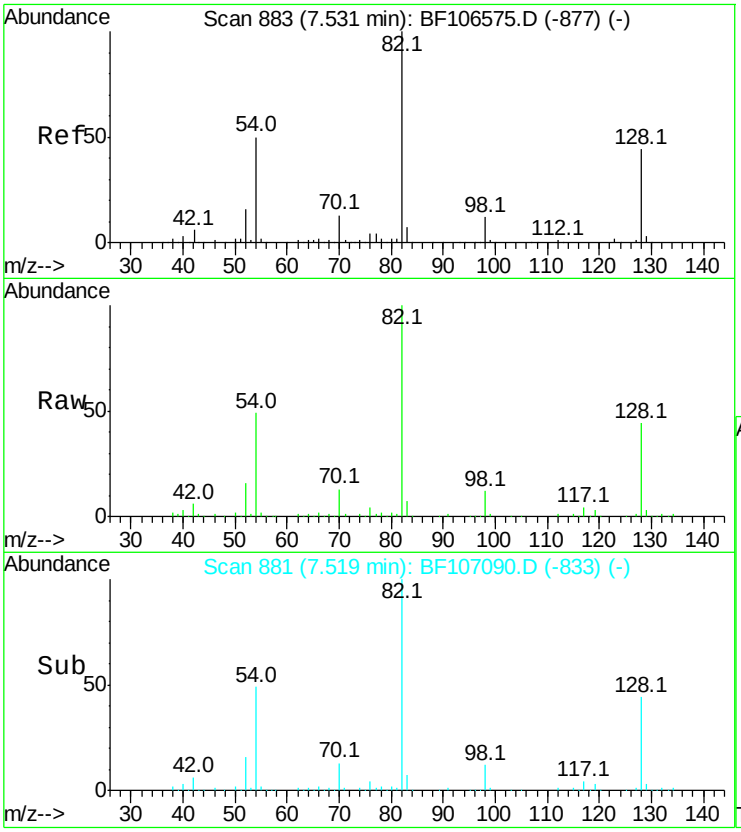


#22
Acetophenone
Concen: 5.922 ng
RT: 7.34 min Scan# 850
Delta R.T. -0.04 min
Lab File: BF107090.D
Acq: 3 Jul 2018 18:57

Tgt Ion:105 Resp: 24985

Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.4	6.6#
51	4.5	22.3	33.5#
120	0.0	16.9	25.3#



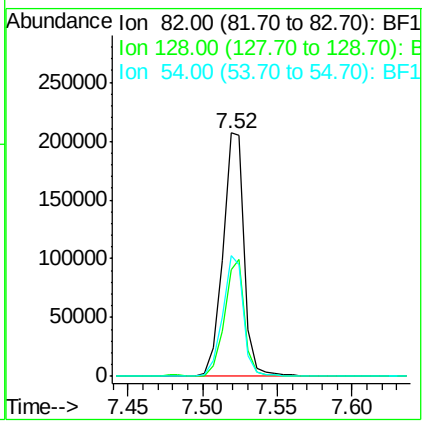


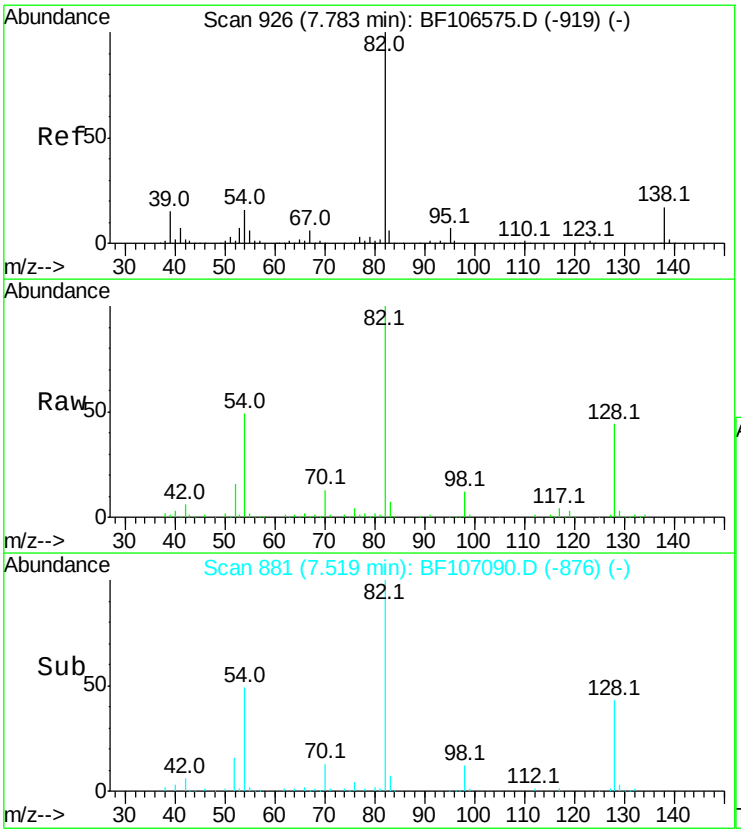
#23
Nitrobenzene-d5
Concen: 61.867 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107090.D
Acq: 3 Jul 2018 18:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 209933

Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	49.4	41.4	62.2

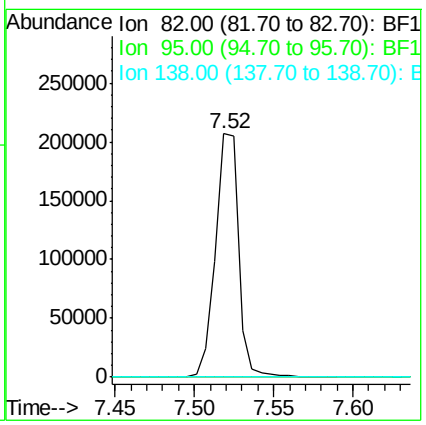


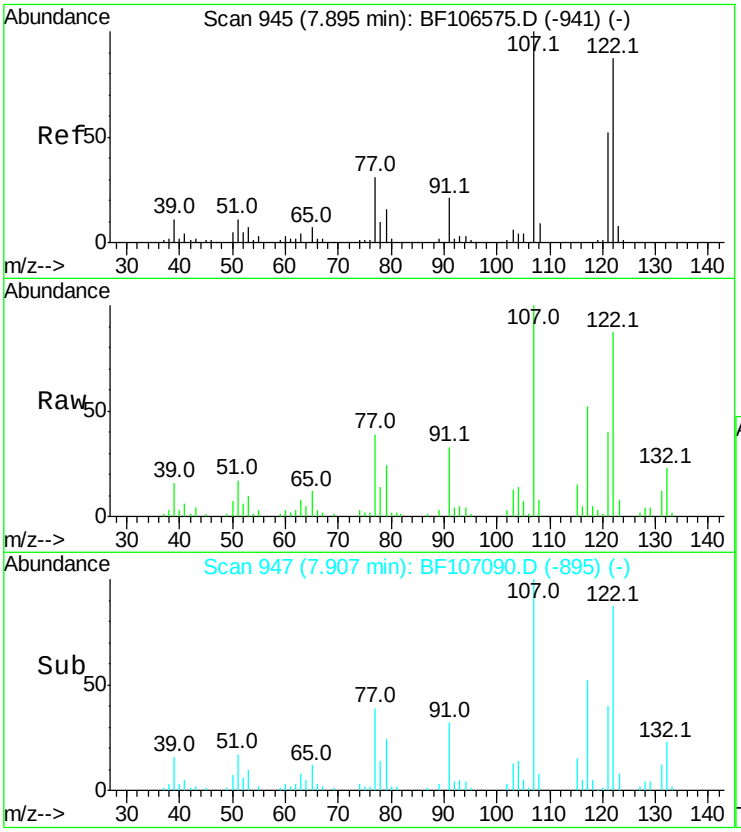


#25
Isophorone
Concen: 35.108 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF107090.D
Acq: 3 Jul 2018 18:57

Tgt Ion: 82 Resp: 209929

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#



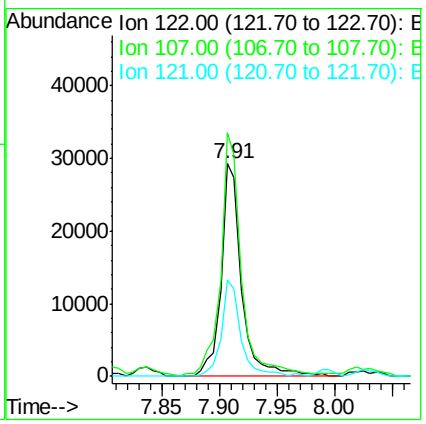


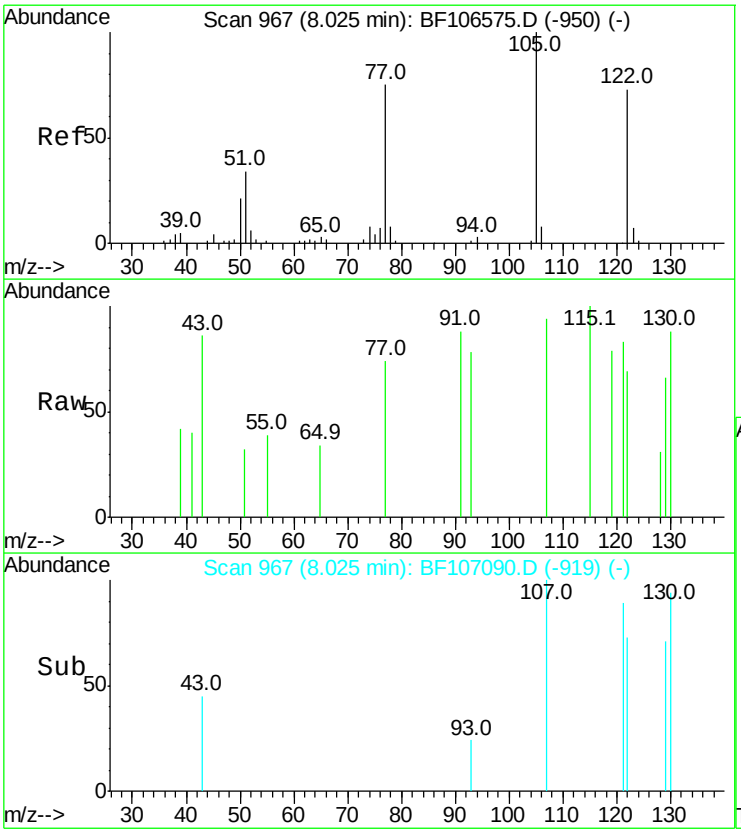
#27
2,4-Dimethylphenol
Concen: 14.292 ng
RT: 7.91 min Scan# 947
Delta R.T. 0.01 min
Lab File: BF107090.D
Acq: 3 Jul 2018 18:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 36129

Ion	Ratio	Lower	Upper
122	100		
107	114.5	91.2	136.8
121	45.6	47.2	70.8#

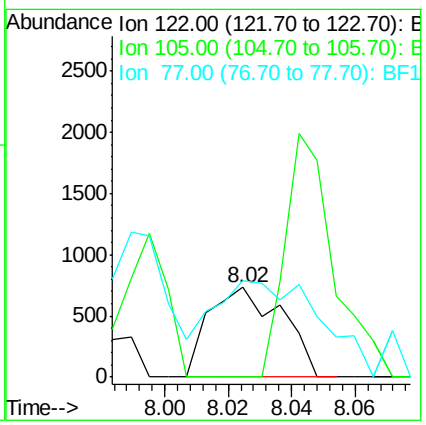


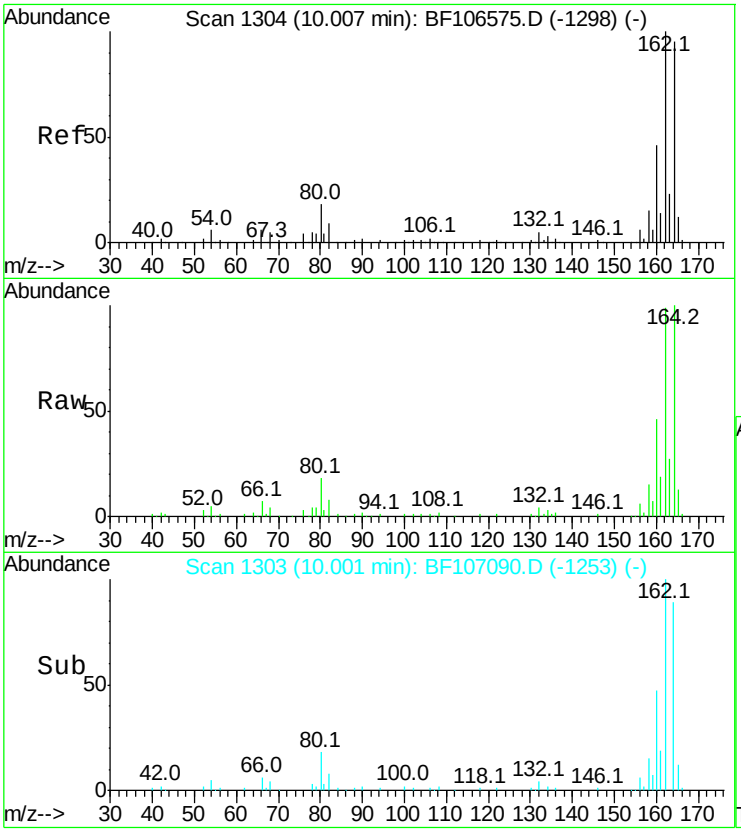


#32
Benzoic acid
Concen: 6.295 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF107090.D
Acq: 3 Jul 2018 18:57

Tgt Ion:122 Resp: 1178

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	107.9	70.7	110.7



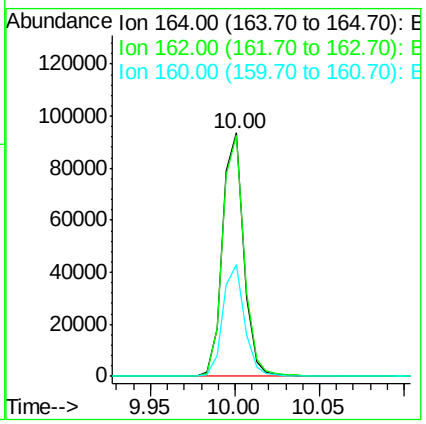


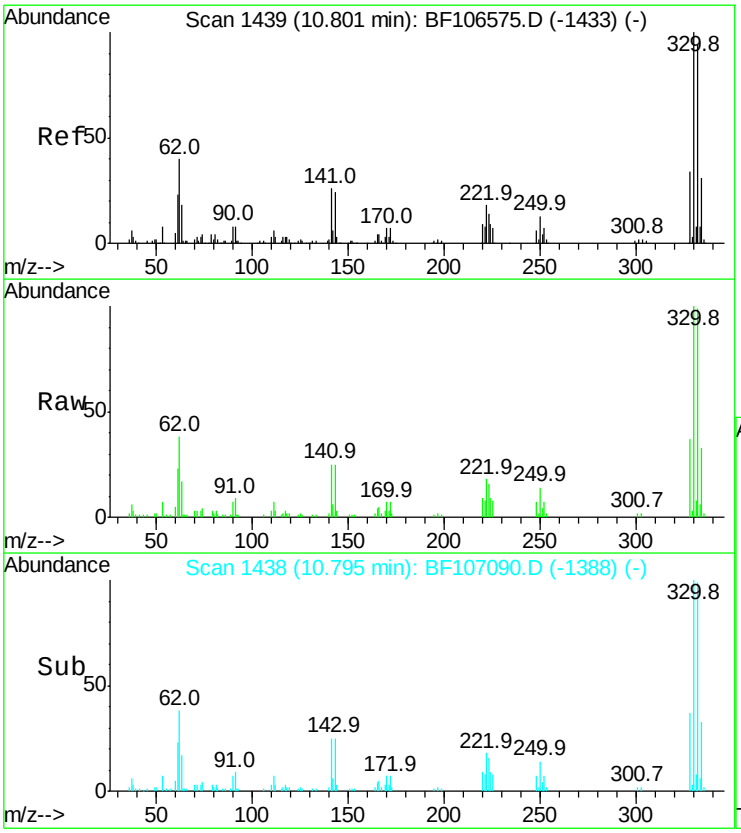
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107090.D
Acq: 3 Jul 2018 18:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 82038

Ion	Ratio	Lower	Upper
164	100		
162	99.1	86.1	129.1
160	45.9	38.3	57.5

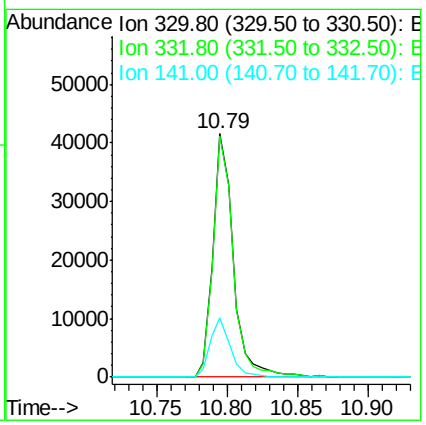


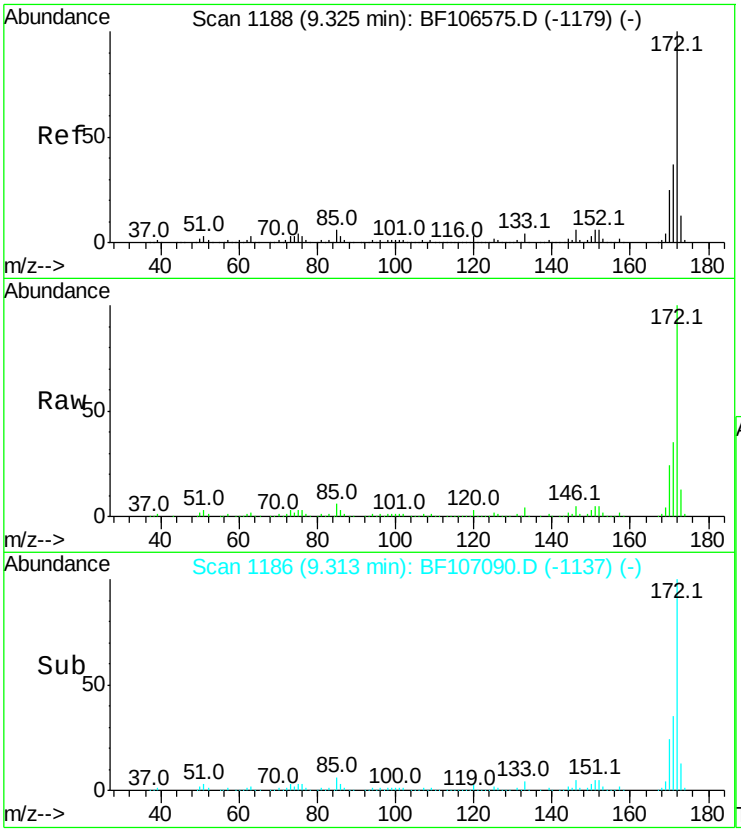


#41
2,4,6-Tribromophenol
Concen: 43.983 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107090.D
Acq: 3 Jul 2018 18:57

Tgt Ion:330 Resp: 41821

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	24.2	29.9	44.9#



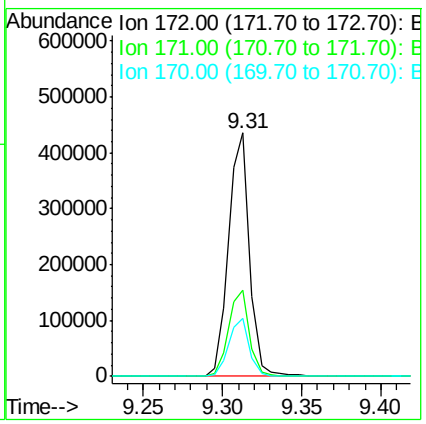


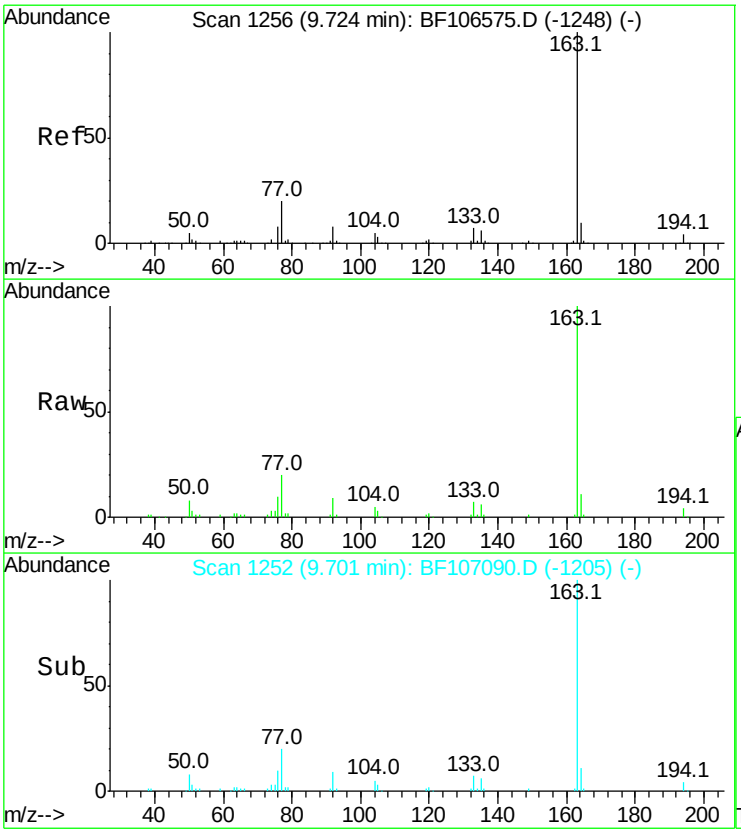
#44
2-Fluorobiphenyl
Concen: 81.910 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107090.D
Acq: 3 Jul 2018 18:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 399599

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.8	19.6	29.4

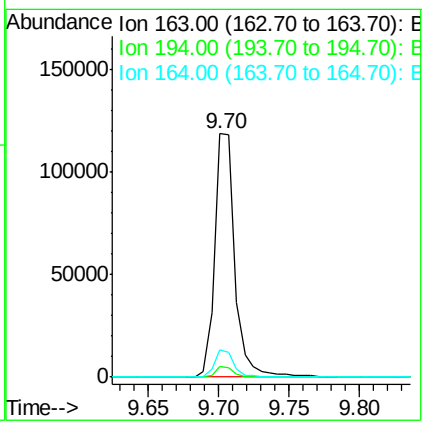


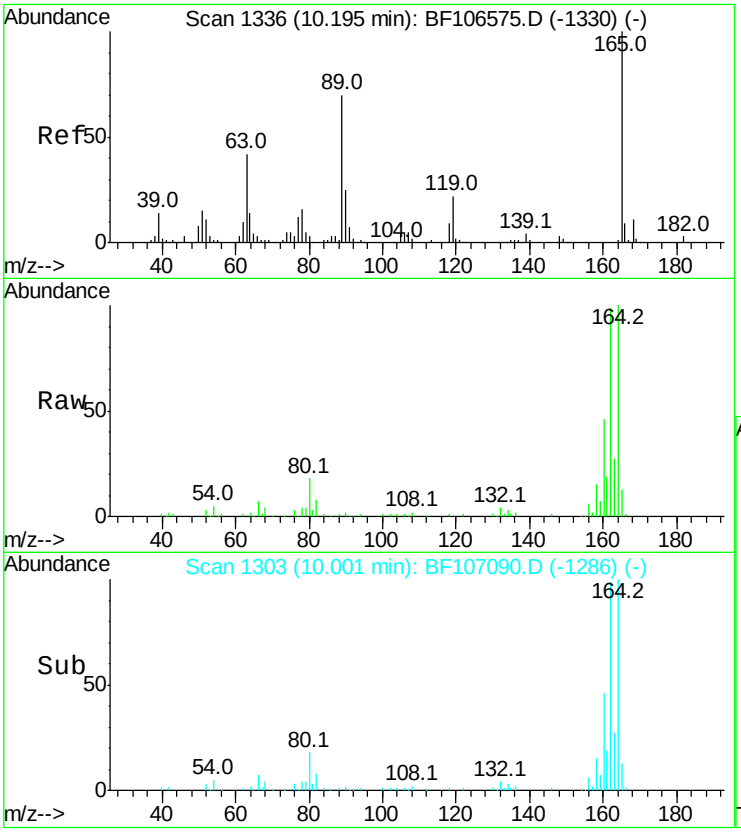


#49
Dimethylphthalate
Concen: 19.096 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107090.D
Acq: 3 Jul 2018 18:57

Tgt Ion:163 Resp: 117495

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	11.2	8.2	12.2



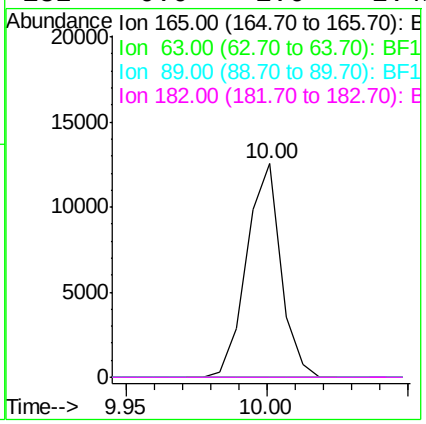


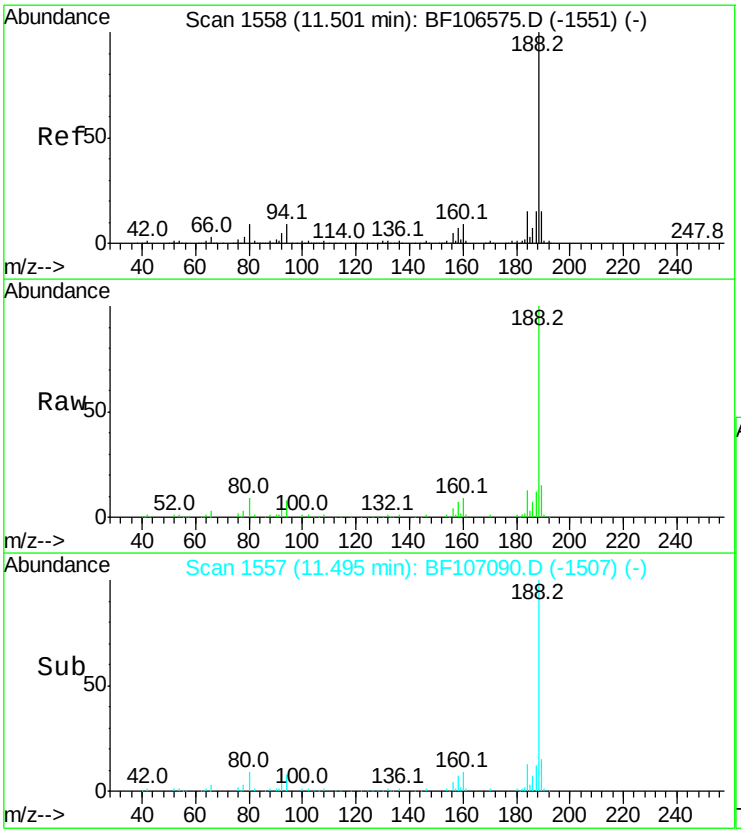
#56
2,4-Dinitrotoluene
Concen: 6.199 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF107090.D
Acq: 3 Jul 2018 18:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 10543

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#

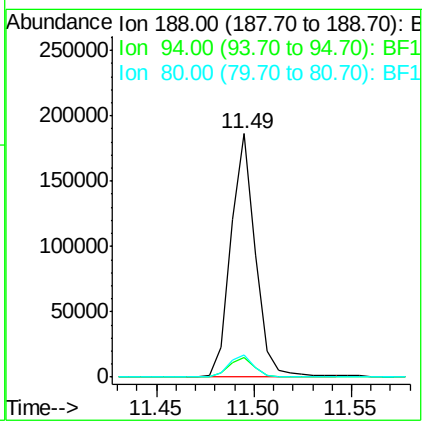


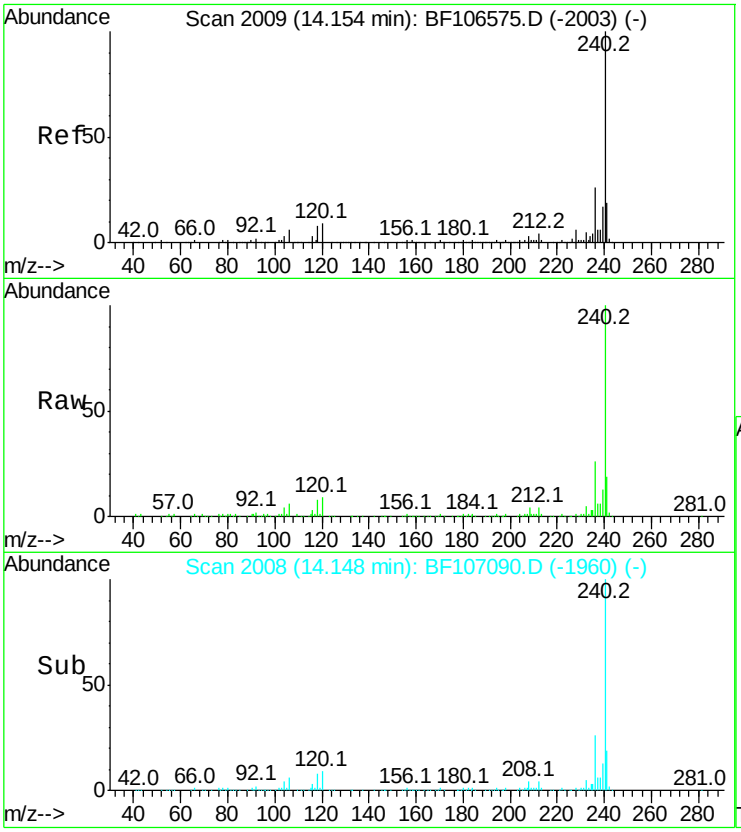


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107090.D
Acq: 3 Jul 2018 18:57

Tgt Ion:188 Resp: 161310

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	9.2	9.2	13.8



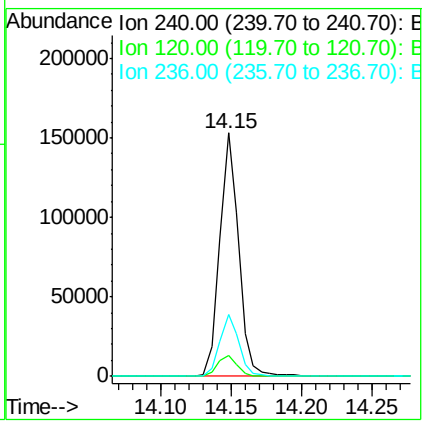


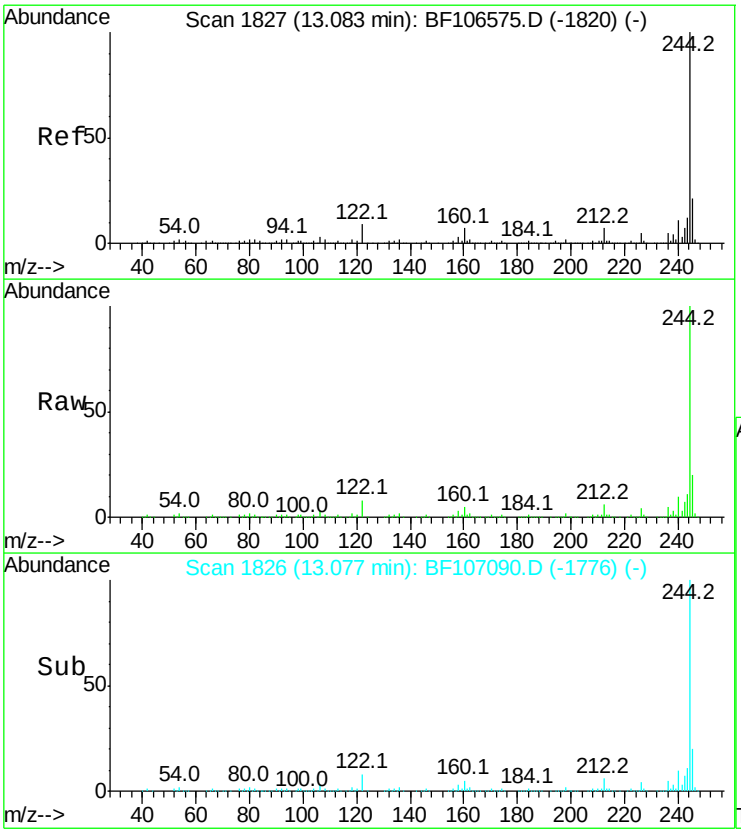
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107090.D
Acq: 3 Jul 2018 18:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 143352

Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	25.5	20.7	31.1

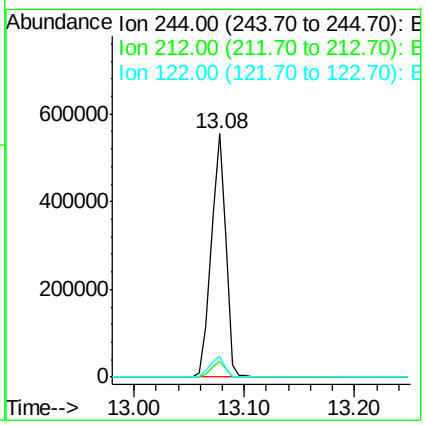


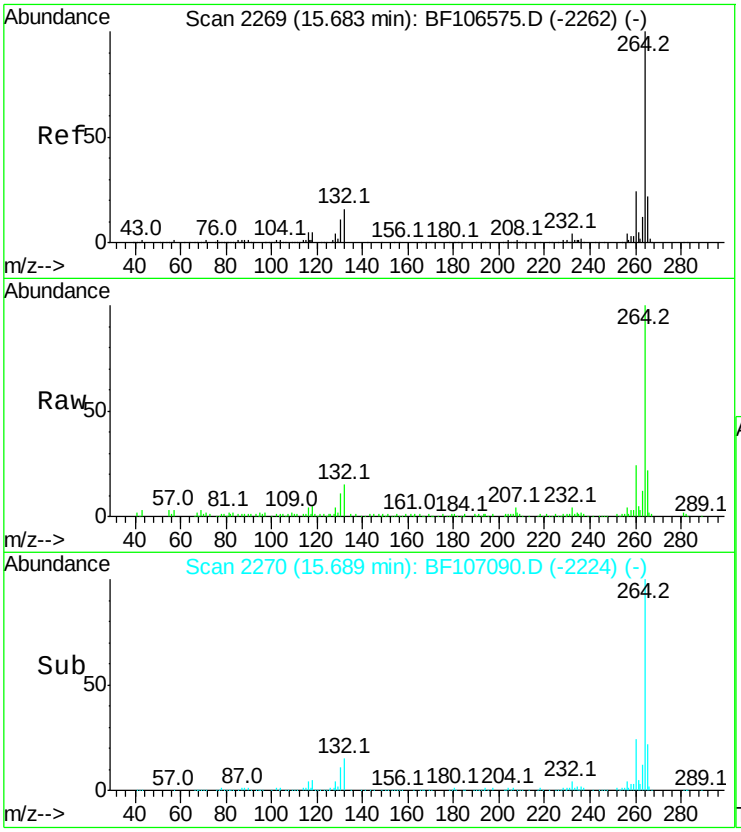


#78
Terphenyl-d14
Concen: 83.854 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107090.D
Acq: 3 Jul 2018 18:57

Tgt Ion:244 Resp: 496247

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	8.5	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF107090.D
Acq: 3 Jul 2018 18:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 110640

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	17.5	26.3