Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108770.D
Acq On : 5 Sep 2018 6:56
Operator : JU/SJ
Sample : J4741-08 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 05 08:04:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	49101	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	252588	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	127569	20.00	ng	-0.02
63) Phenanthrene-d10	11.53	188	270258	20.00	ng	-0.02
75) Chrysene-d12	14.19	240	177381	20.00	ng	-0.01
86) Perylene-d12	15.74	264	134567	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	108	0.04	ng	0.12
7) Phenol-d6	6.75	99	4064	1.00	ng	0.10
23) Nitrobenzene-d5	7.66	82	4639	0.93	ng	0.09
41) 2,4,6-Tribromophenol	10.84	330	5251	3.12	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	27133	2.86	ng	-0.01
78) Terphenyl-d14	13.11	244	42827	4.69	ng	-0.02
Target Compounds						Qvalue
50) 2,6-Dinitrotoluene	10.03	165	15107	6.823	ng	# 24
56) 2,4-Dinitrotoluene	10.03	165	15107	5.153	ng	# 21

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

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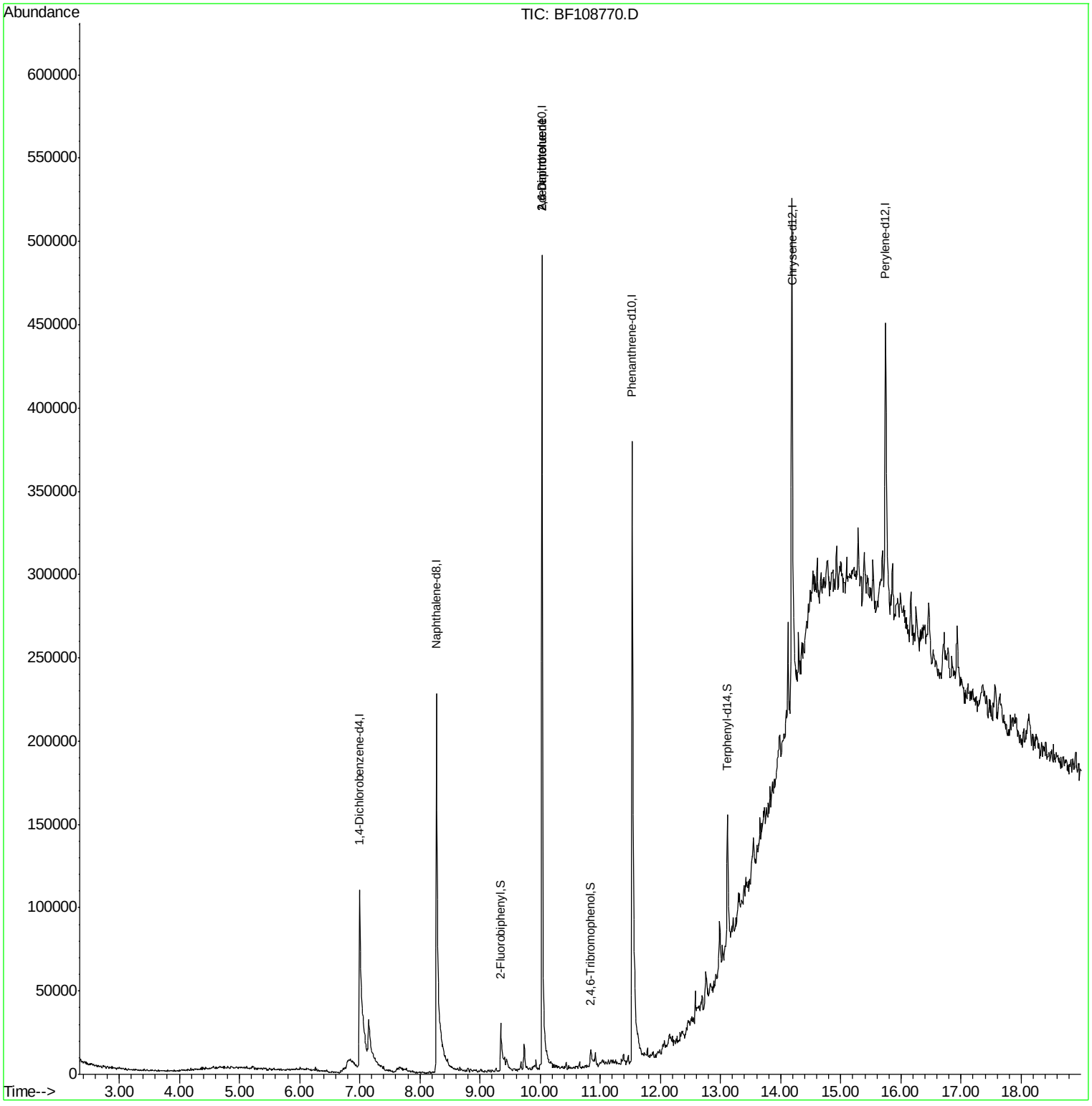
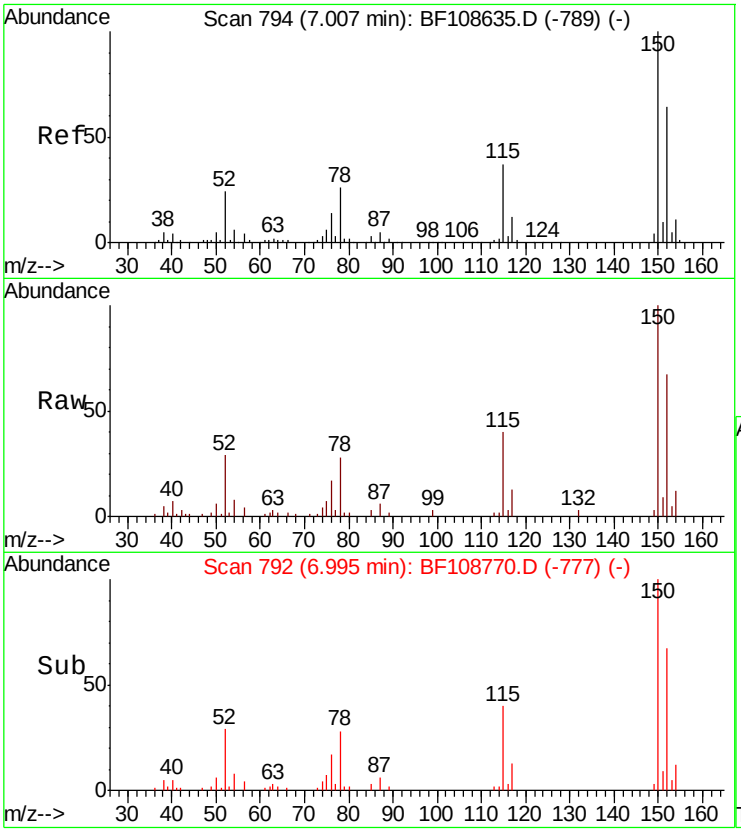


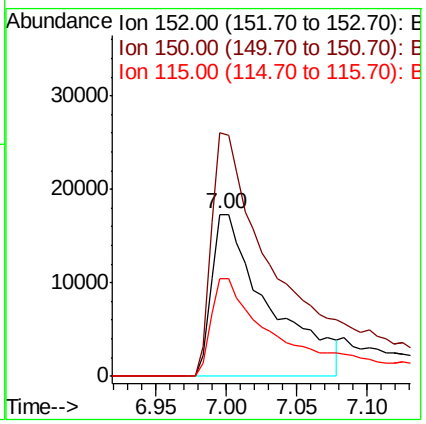


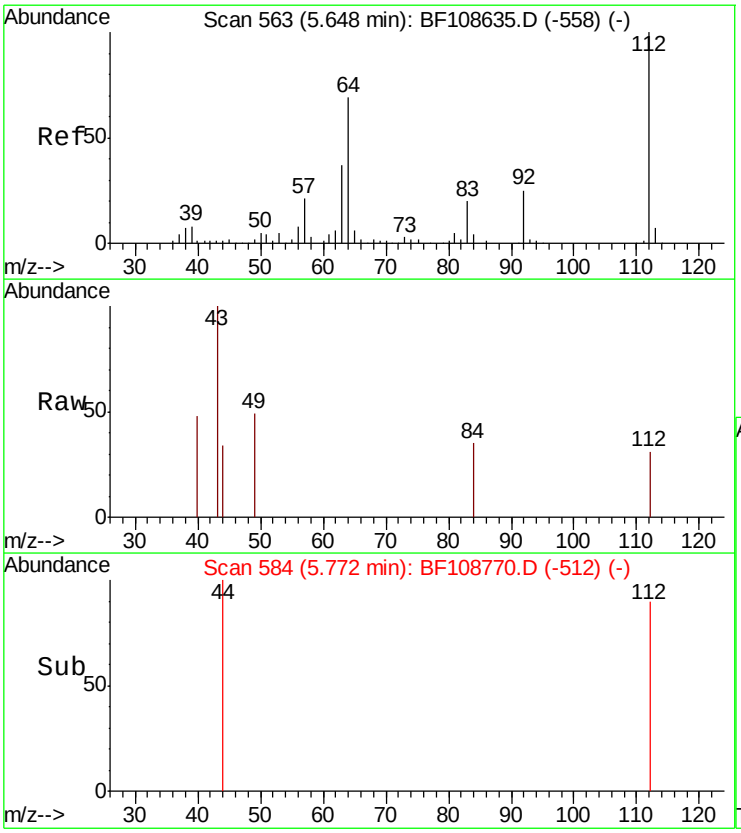
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108770.D
Acq: 5 Sep 2018 6:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 49101

Ion	Ratio	Lower	Upper
152	100		
150	150.3	124.6	186.8
115	59.9	50.1	75.1

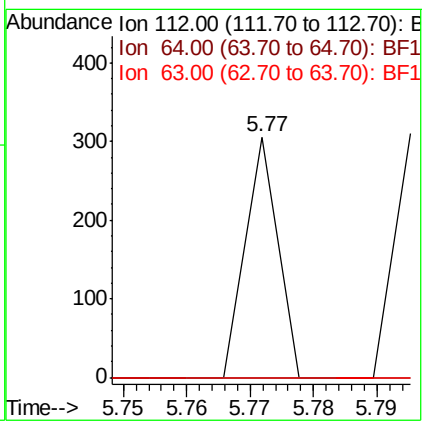


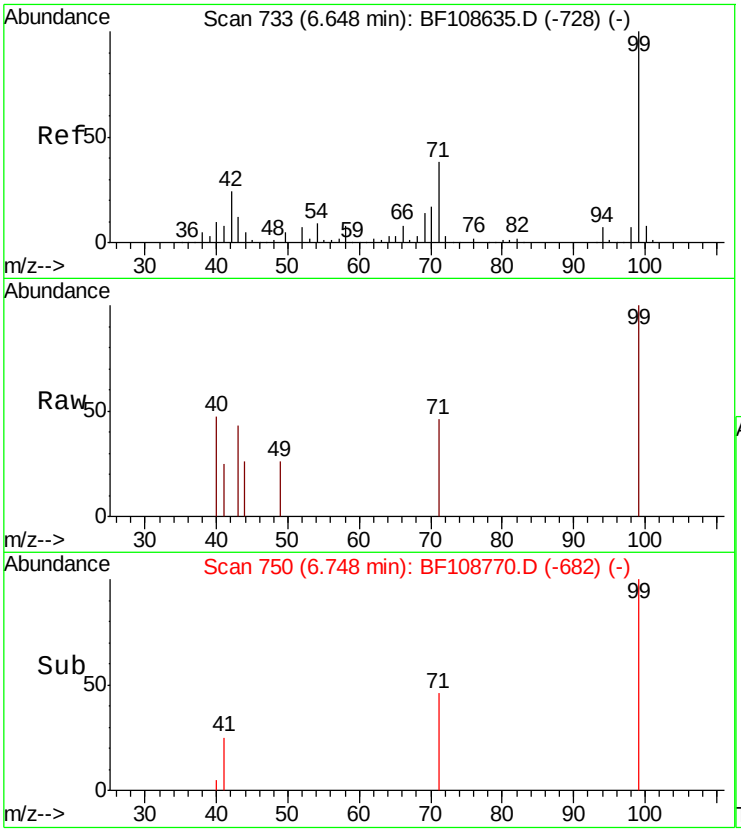


#5
2-Fluorophenol
Concen: 0.038 ng
RT: 5.77 min Scan# 584
Delta R.T. 0.12 min
Lab File: BF108770.D
Acq: 5 Sep 2018 6:56

Tgt Ion:112 Resp: 108

Ion	Ratio	Lower	Upper
112	100		
64	0.0	47.9	71.9#
63	0.0	23.7	35.5#



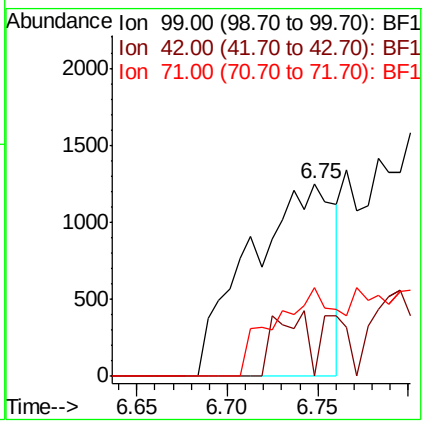


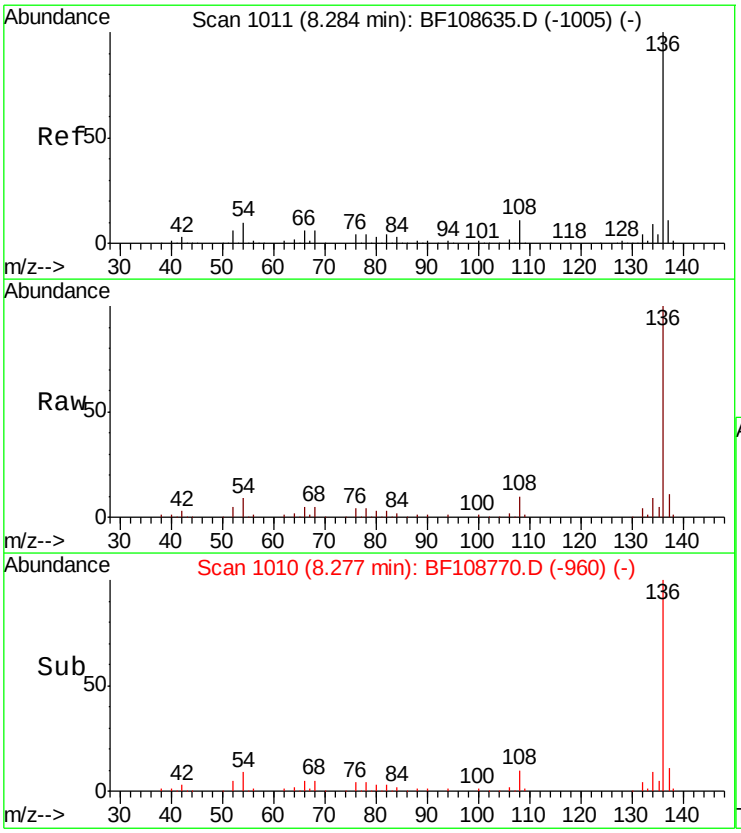
#7
Phenol-d6
Concen: 1.004 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.10 min
Lab File: BF108770.D
Acq: 5 Sep 2018 6:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 4064

Ion	Ratio	Lower	Upper
99	100		
42	0.0	14.5	21.7#
71	46.0	25.4	38.0#

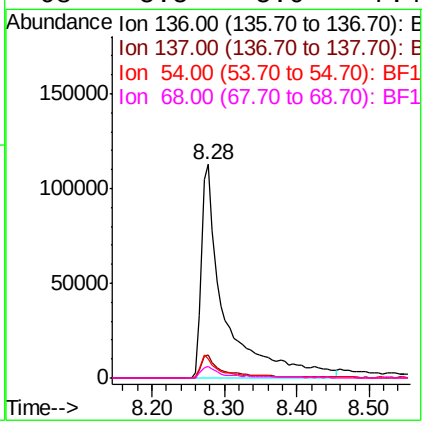


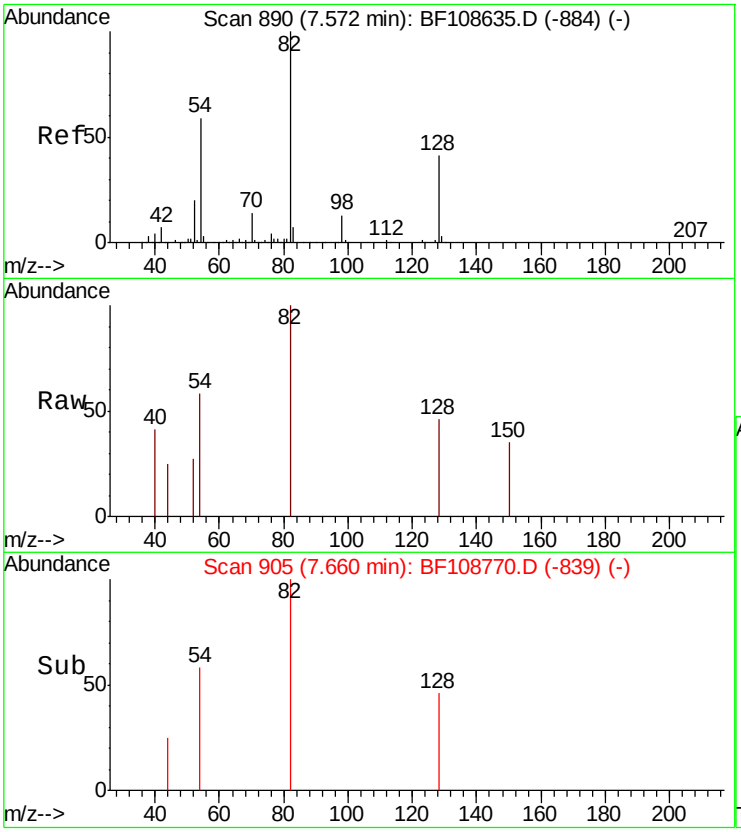


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF108770.D
Acq: 5 Sep 2018 6:56

Tgt Ion:136 Resp: 252588

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.8	6.6	9.8
68	5.5	5.0	7.4



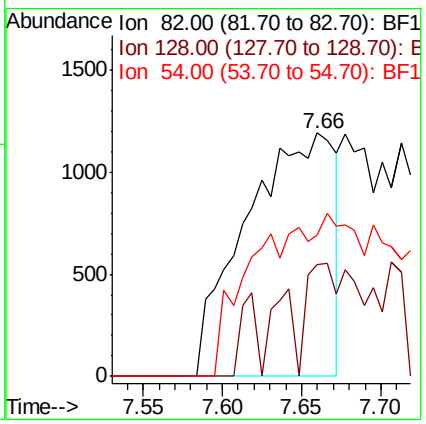


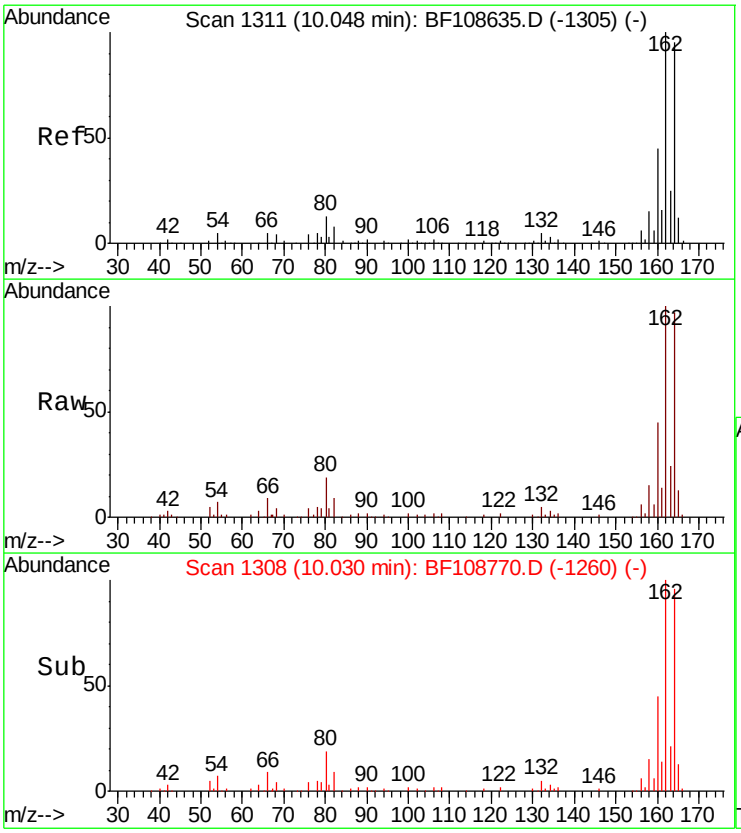
#23
Nitrobenzene-d5
Concen: 0.932 ng
RT: 7.66 min Scan# 905
Delta R.T. 0.09 min
Lab File: BF108770.D
Acq: 5 Sep 2018 6:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 4639

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	58.1	41.4	62.2

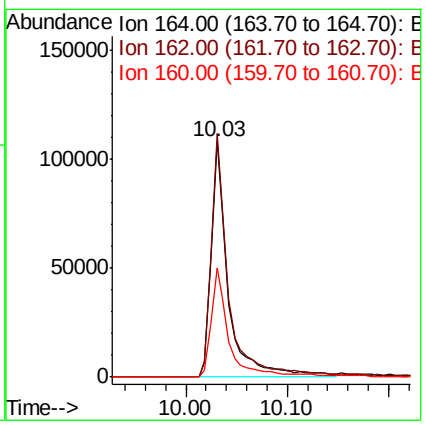


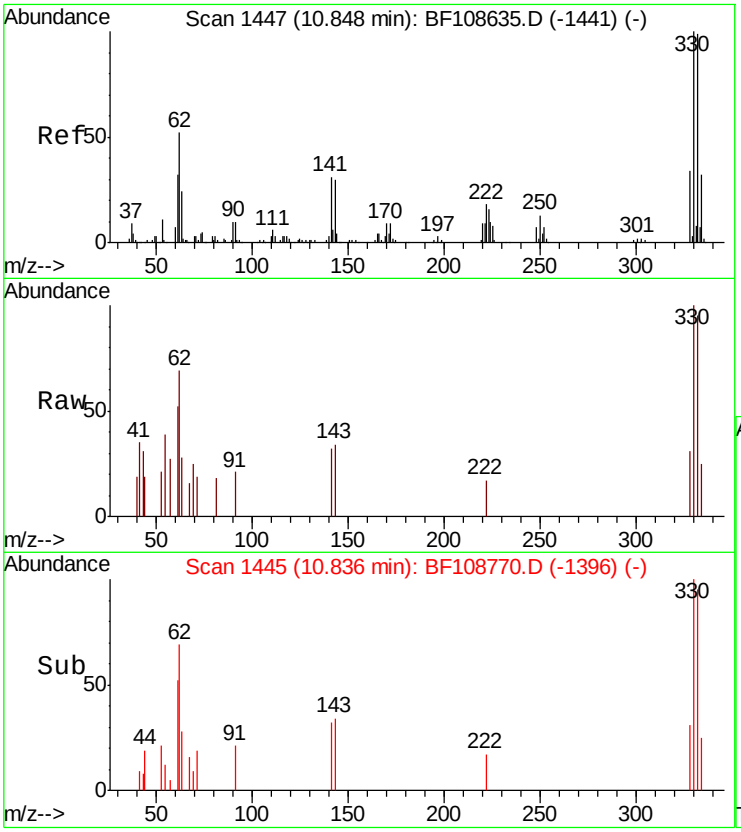


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF108770.D
Acq: 5 Sep 2018 6:56

Tgt Ion:164 Resp: 127569

Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	46.5	38.3	57.5



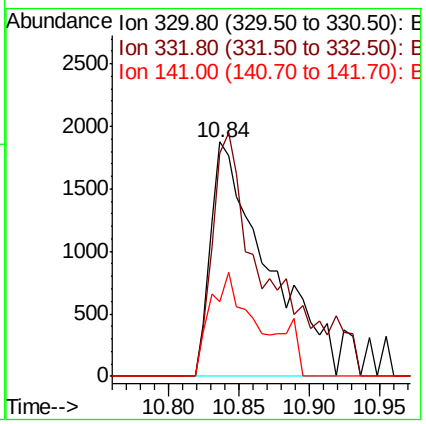


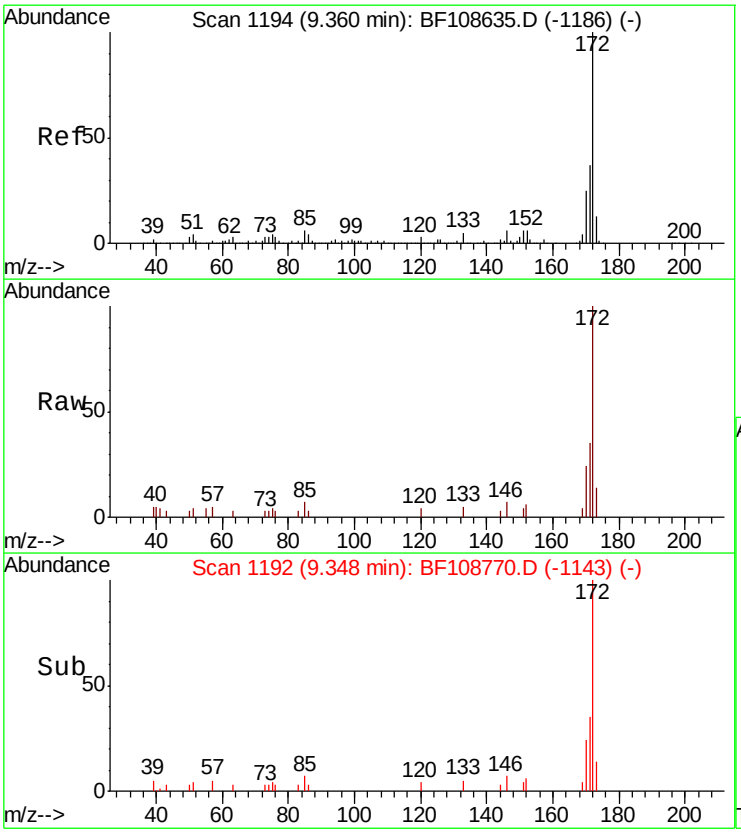
#41
2,4,6-Tribromophenol
Concen: 3.118 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108770.D
Acq: 5 Sep 2018 6:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 5251

Ion	Ratio	Lower	Upper
330	100		
332	93.6	77.0	115.6
141	31.4	29.9	44.9

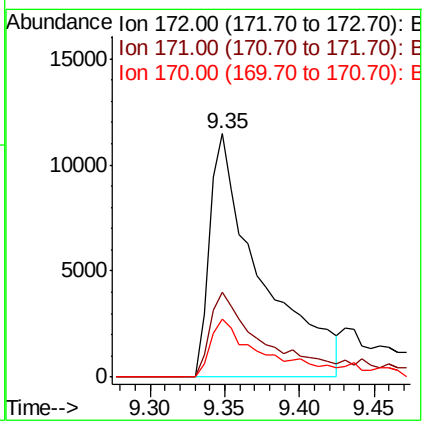


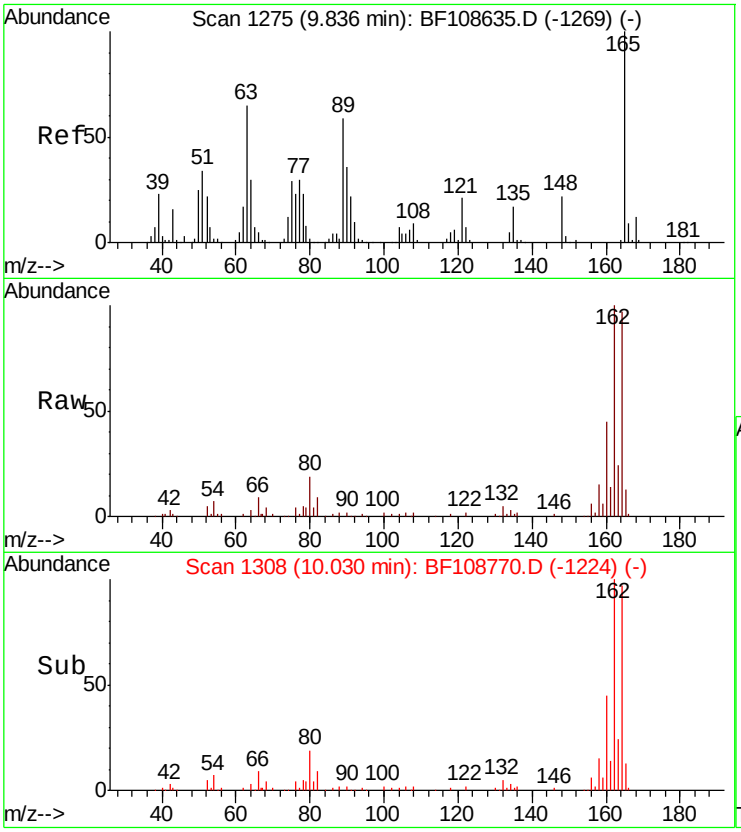


#44
2-Fluorobiphenyl
Concen: 2.860 ng
RT: 9.35 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF108770.D
Acq: 5 Sep 2018 6:56

Tgt Ion:172 Resp: 27133

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.6	19.6	29.4



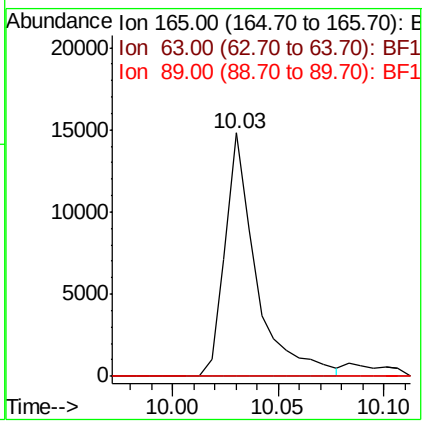


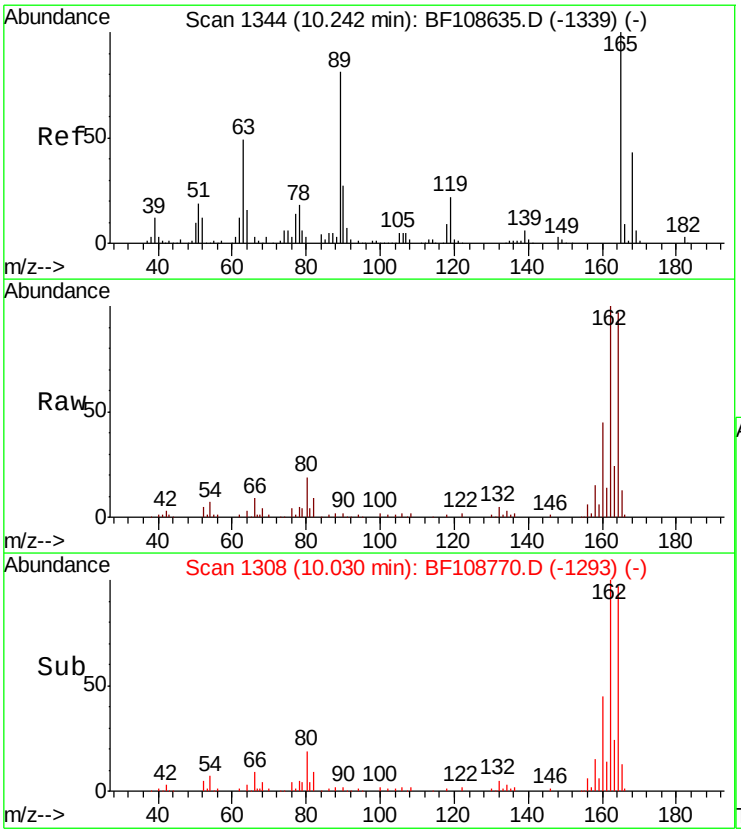
#50
2,6-Dinitrotoluene
Concen: 6.823 ng
RT: 10.03 min Scan# 1308
Delta R.T. 0.19 min
Lab File: BF108770.D
Acq: 5 Sep 2018 6:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15107

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

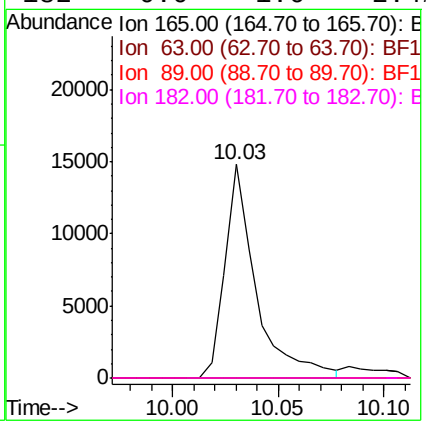


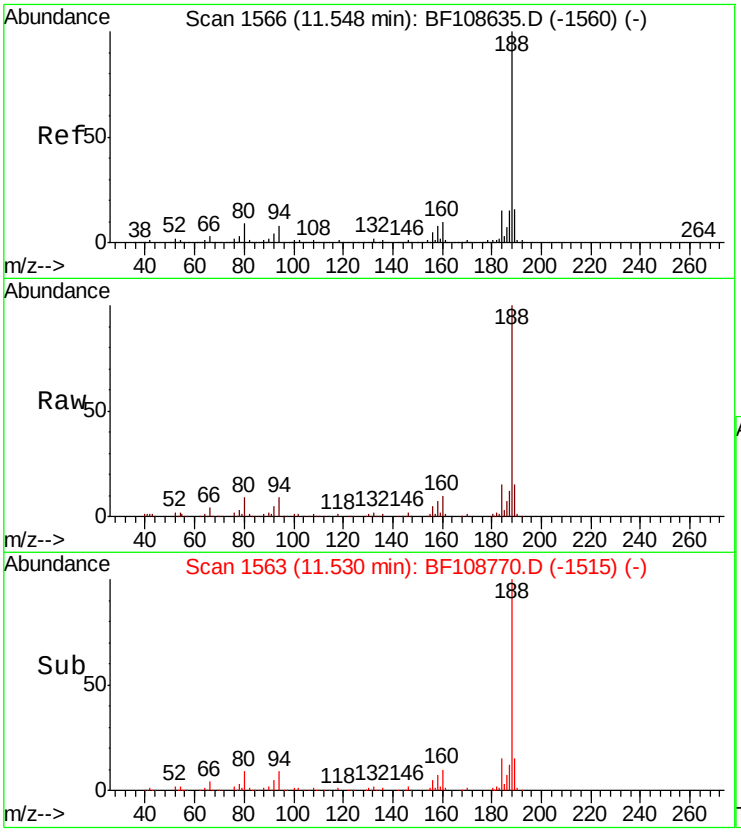


#56
2,4-Dinitrotoluene
Concen: 5.153 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.21 min
Lab File: BF108770.D
Acq: 5 Sep 2018 6:56

Tgt Ion:165 Resp: 15107

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#



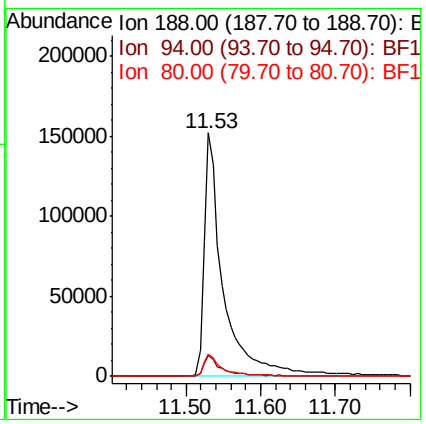


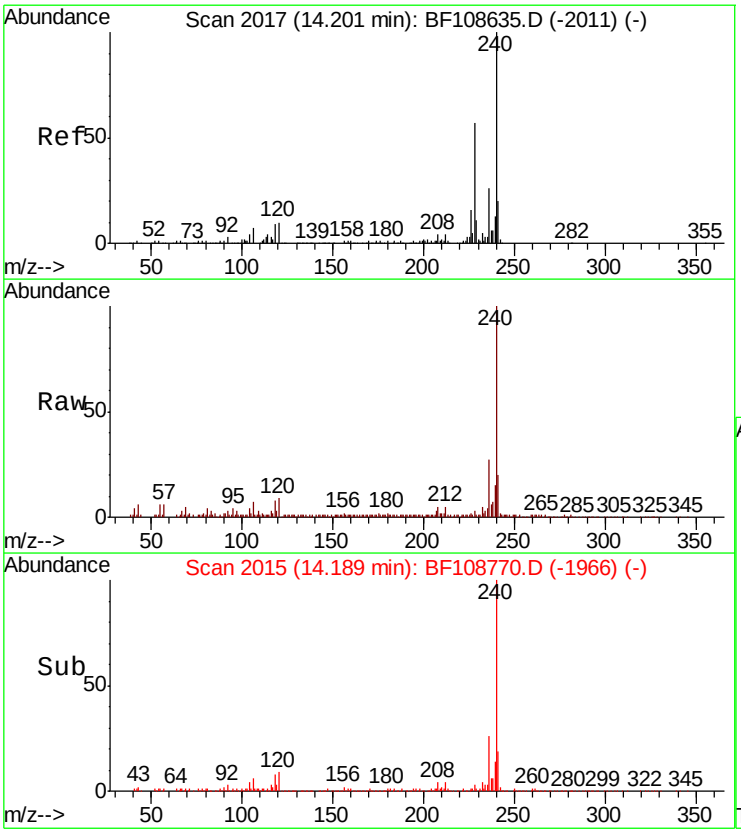
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF108770.D
Acq: 5 Sep 2018 6:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 270258

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	9.3	9.2	13.8

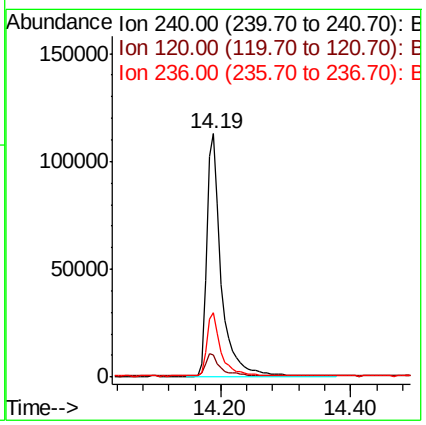


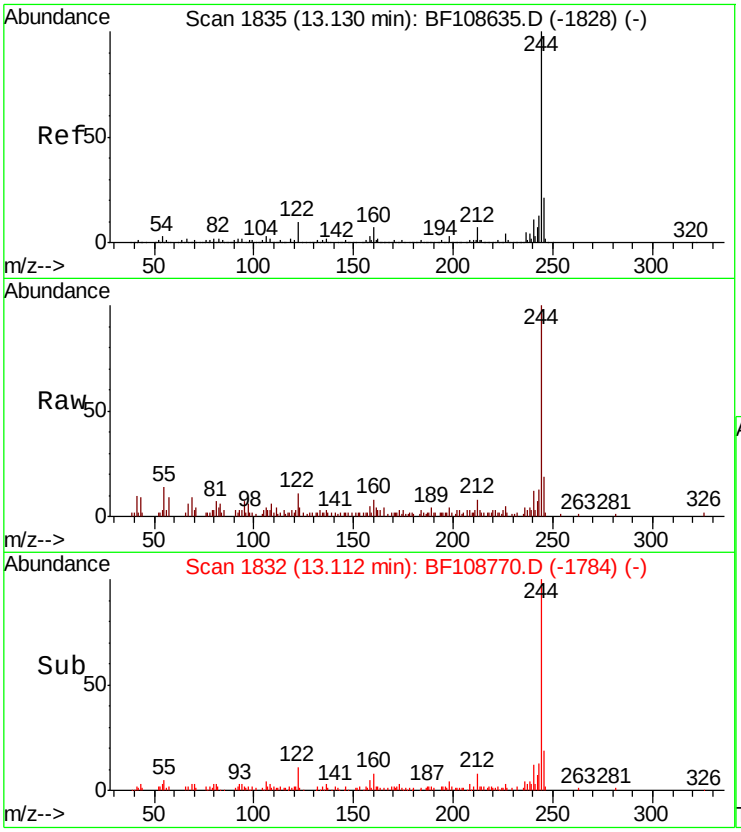


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108770.D
Acq: 5 Sep 2018 6:56

Tgt Ion:240 Resp: 177381

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	26.7	20.7	31.1



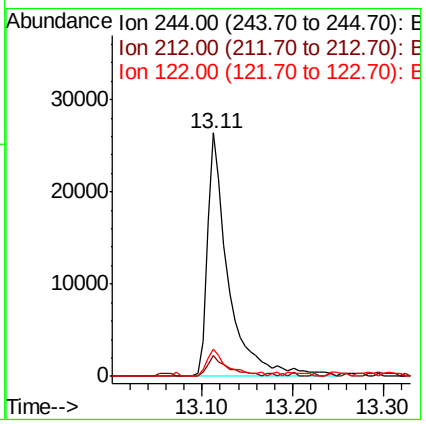


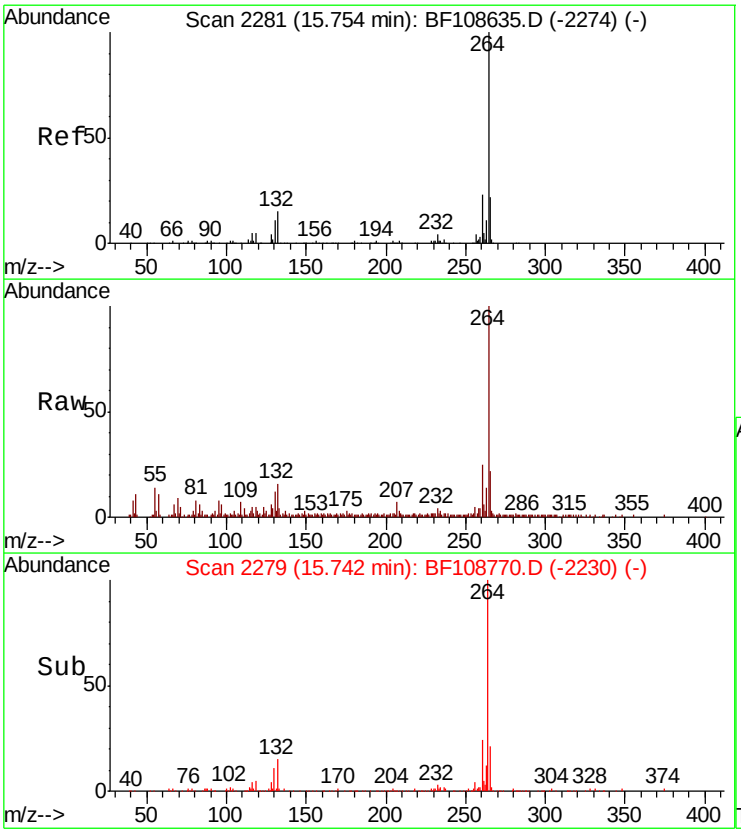
#78
Terphenyl-d14
Concen: 4.691 ng
RT: 13.11 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF108770.D
Acq: 5 Sep 2018 6:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 42827

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.4	8.0#
122	11.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF108770.D
Acq: 5 Sep 2018 6:56

Tgt Ion:264 Resp: 134567

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.1	17.5	26.3