Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082418\
Data File : BF108489.D
Acq On : 25 Aug 2018 4:02
Operator : JU/SJ
Sample : J4636-01 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DFTPP

Quant Time: Aug 25 05:34:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	140073	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	539029	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	248596	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	410673	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	323583	20.00	ng	-0.01
86) Perylene-d12	15.75	264	324527	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	53176	6.87	ng	-0.01
7) Phenol-d6	6.61	99	74461	7.24	ng	-0.02
23) Nitrobenzene-d5	7.55	82	46976	4.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.84	330	11729	4.73	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	90275	5.83	ng	-0.01
78) Terphenyl-d14	13.12	244	60117	4.72	ng	-0.01
Target Compounds						Qvalue
25) Isophorone	7.55	82	46976	2.551	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	31911	8.808	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	31911	6.843	ng	# 23

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

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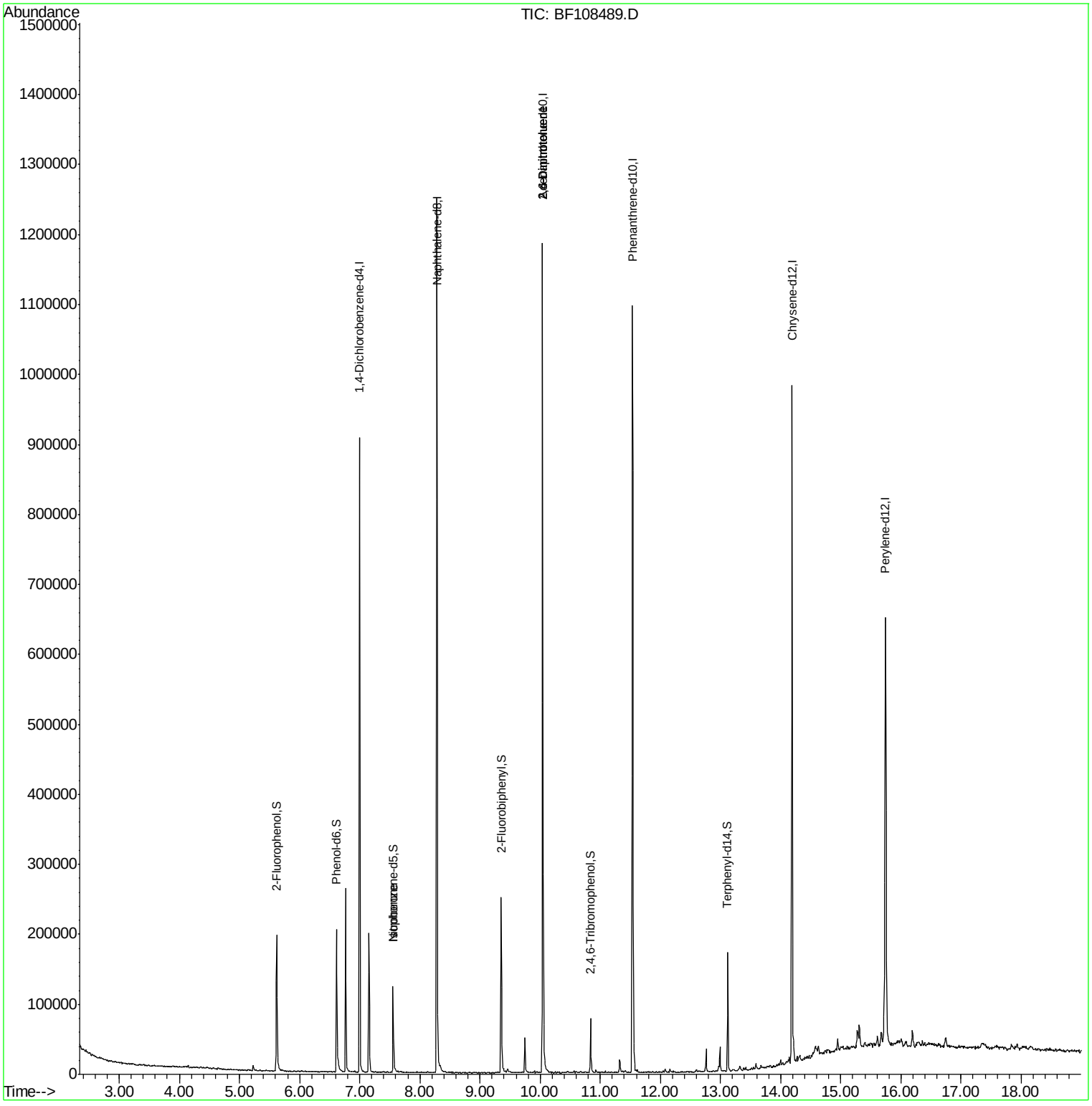
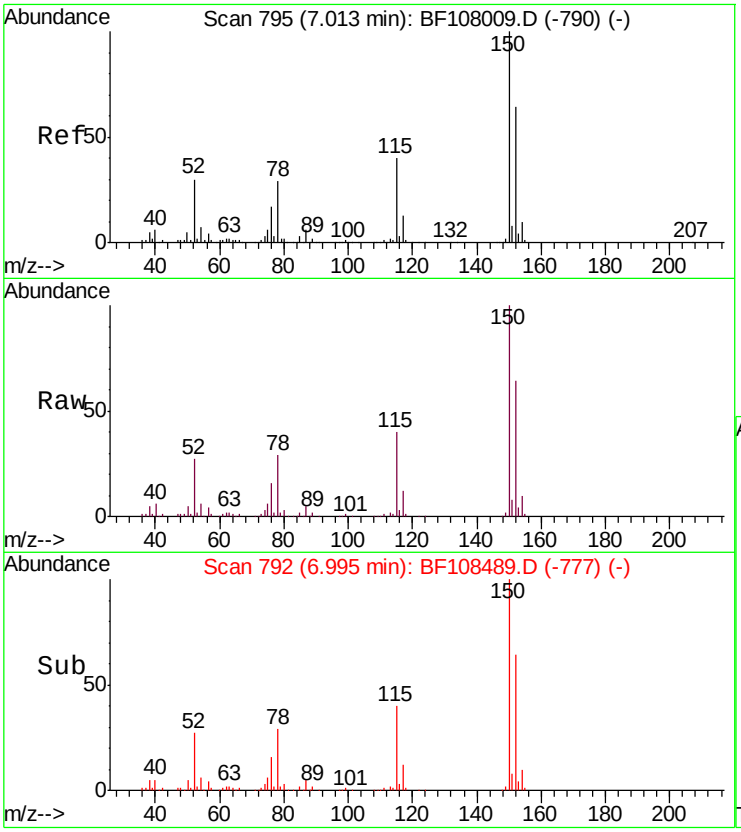


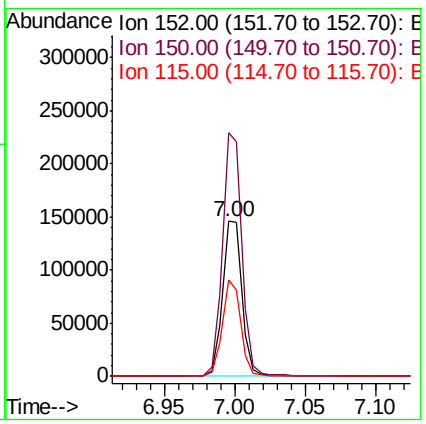


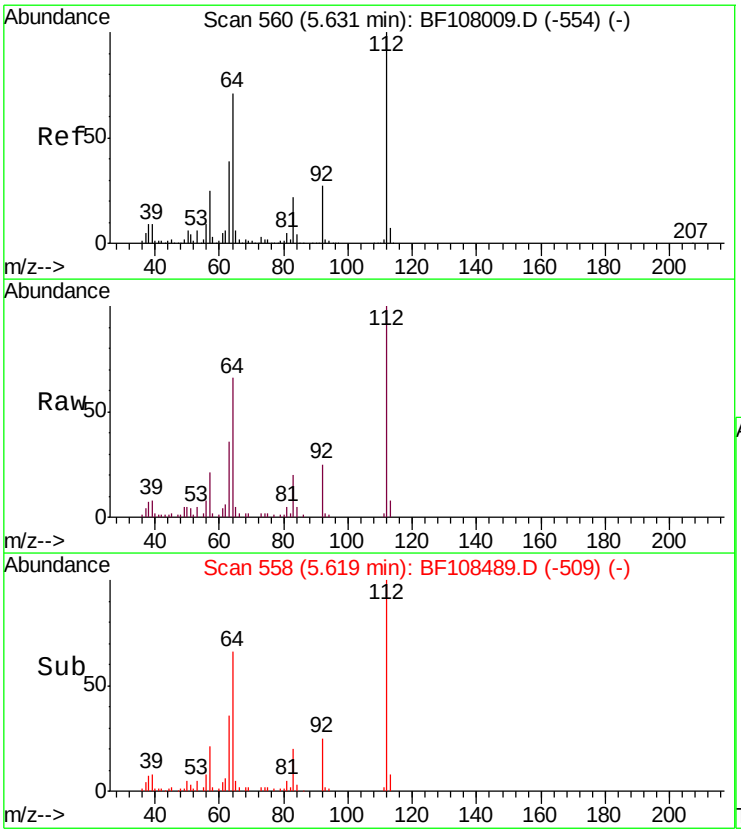
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108489.D
Acq: 25 Aug 2018 4:02

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 140073

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	62.5	50.1	75.1

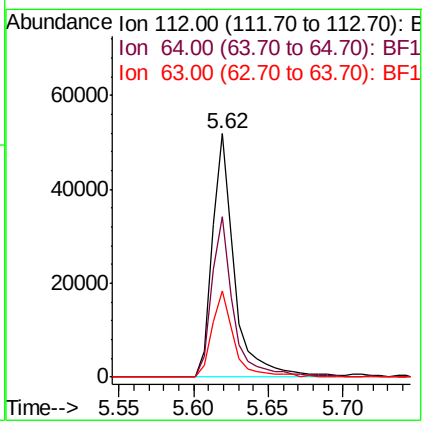


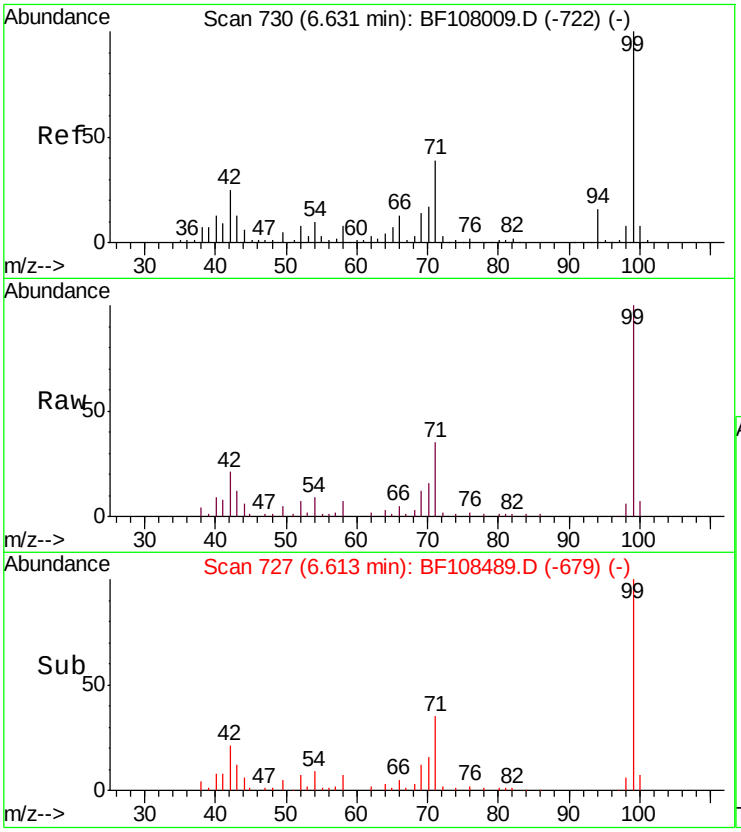


#5
2-Fluorophenol
Concen: 6.873 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108489.D
Acq: 25 Aug 2018 4:02

Tgt Ion:112 Resp: 53176

Ion	Ratio	Lower	Upper
112	100		
64	66.0	47.9	71.9
63	35.6	23.7	35.5#



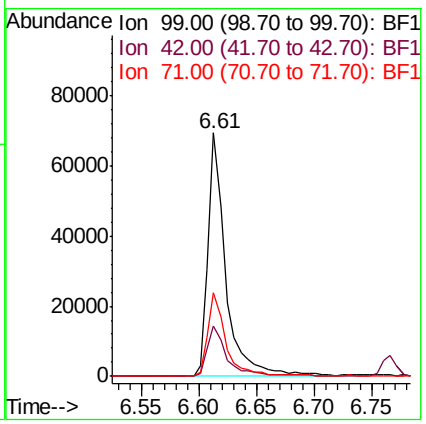


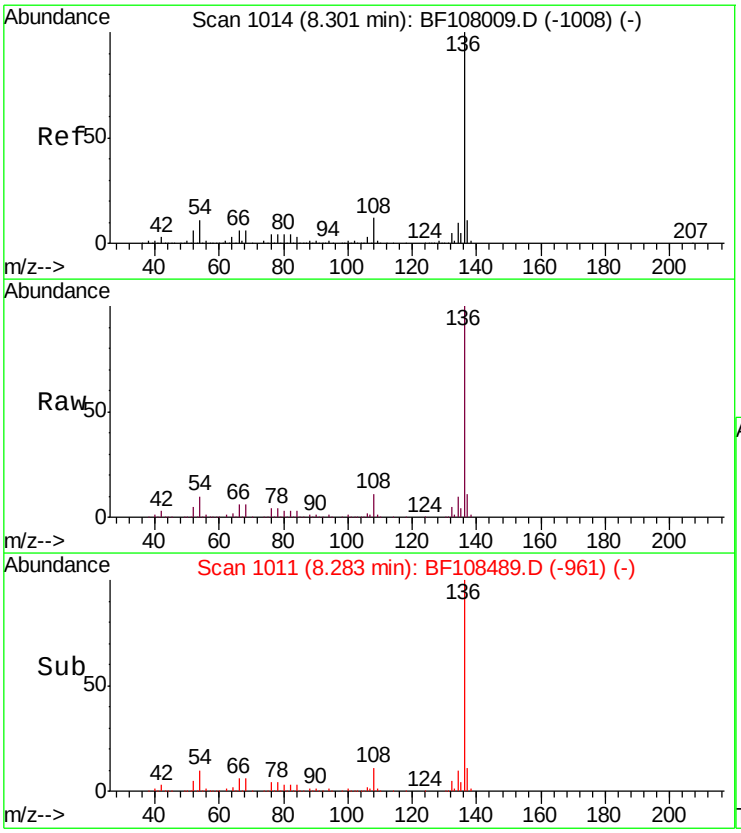
#7
Phenol-d6
Concen: 7.242 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF108489.D
Acq: 25 Aug 2018 4:02

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 99 Resp: 74461

Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.5	21.7
71	34.5	25.4	38.0

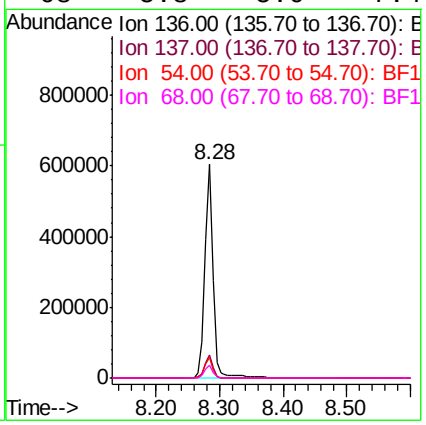


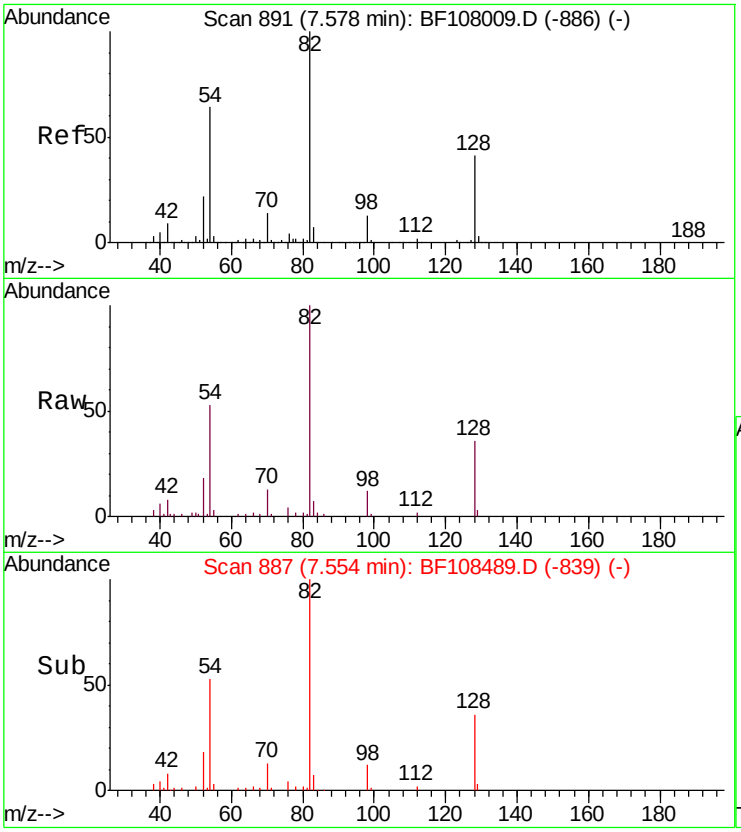


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108489.D
Acq: 25 Aug 2018 4:02

Tgt Ion:136 Resp: 539029

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.7	6.6	9.8
68	5.8	5.0	7.4



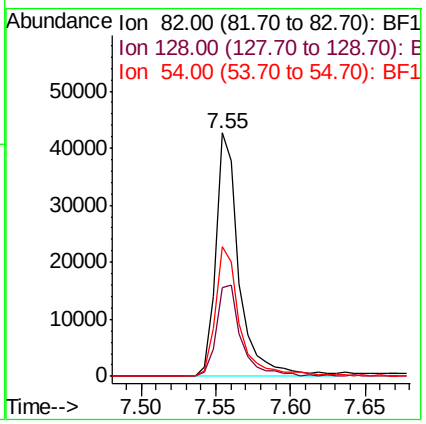


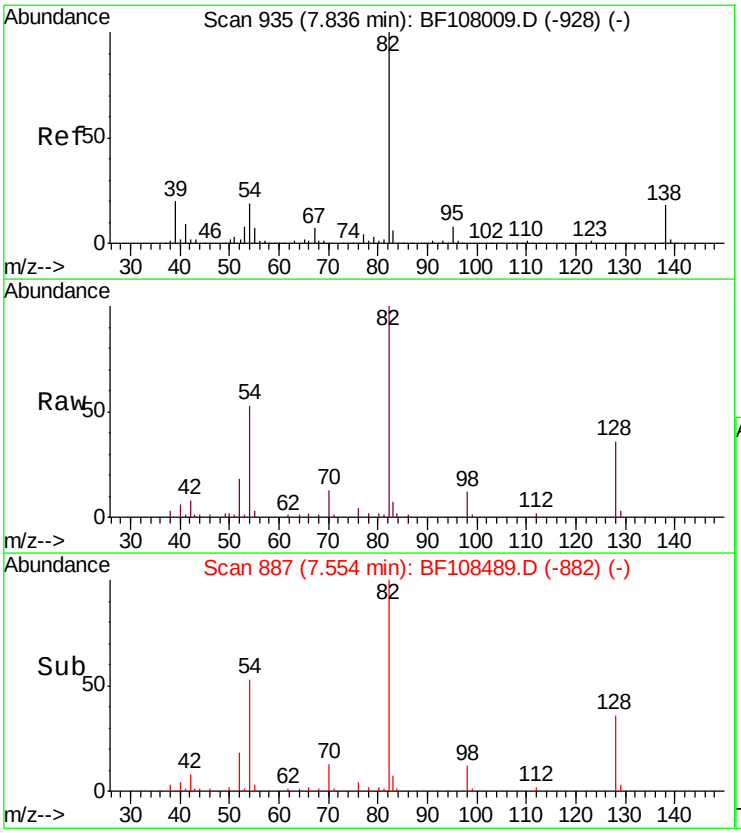
#23
Nitrobenzene-d5
Concen: 4.863 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF108489.D
Acq: 25 Aug 2018 4:02

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 82 Resp: 46976

Ion	Ratio	Lower	Upper
82	100		
128	36.4	36.1	54.1
54	53.1	41.4	62.2

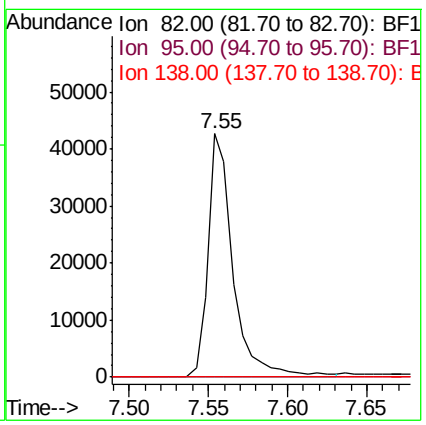


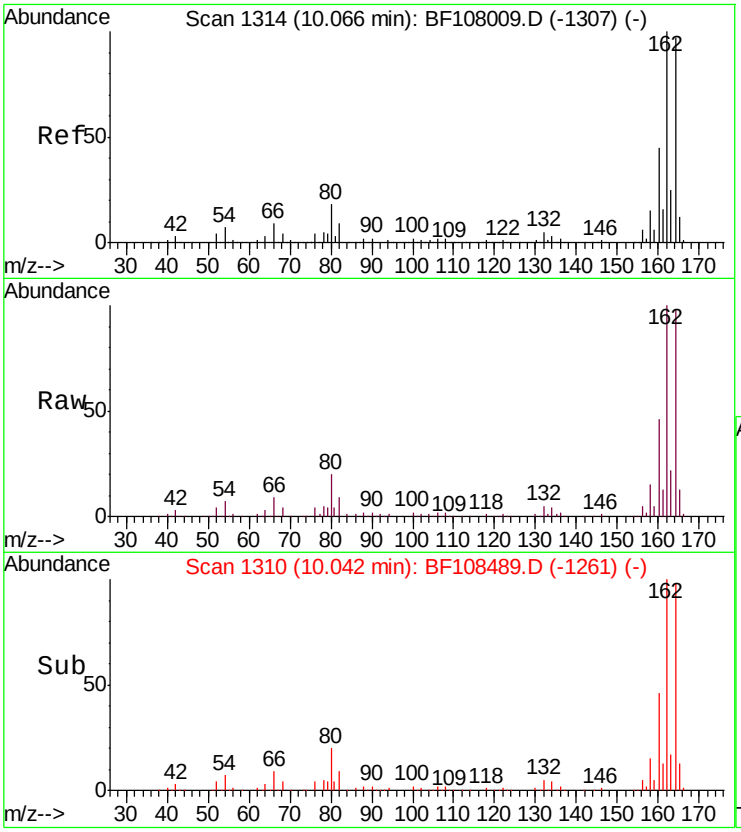


#25
Isophorone
Concen: 2.551 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.27 min
Lab File: BF108489.D
Acq: 25 Aug 2018 4:02

Tgt Ion: 82 Resp: 46976

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



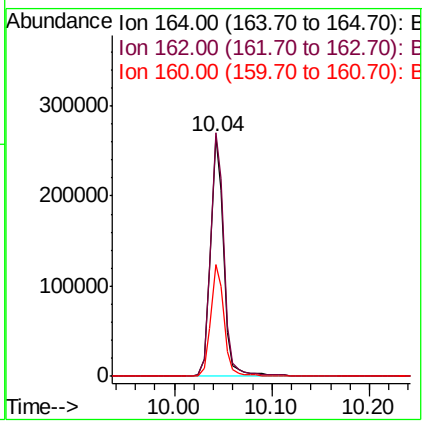


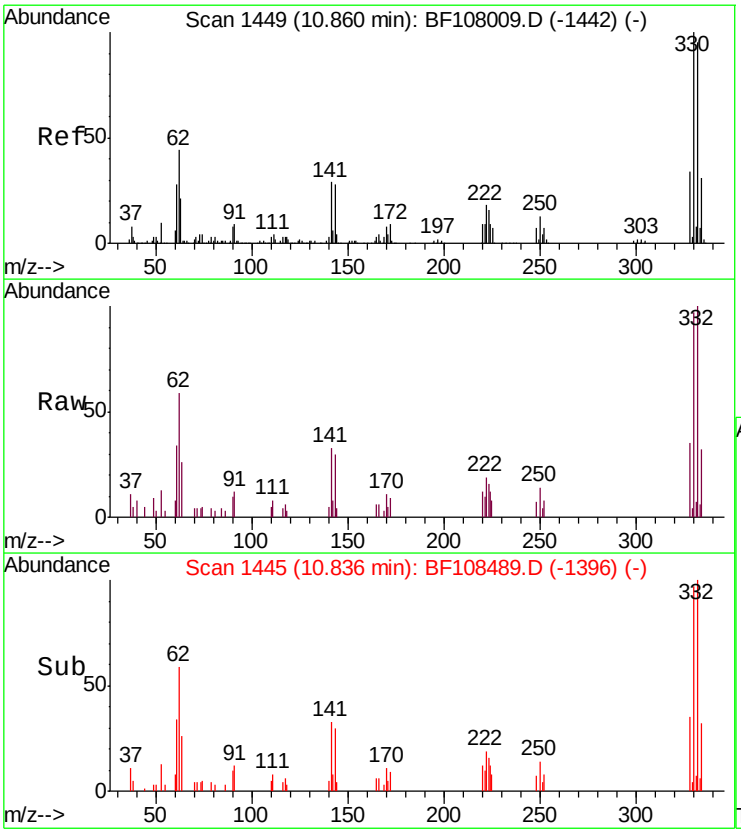
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108489.D
Acq: 25 Aug 2018 4:02

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:164 Resp: 248596

Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	46.5	38.3	57.5

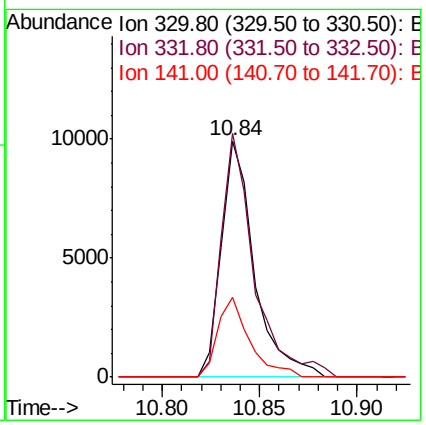


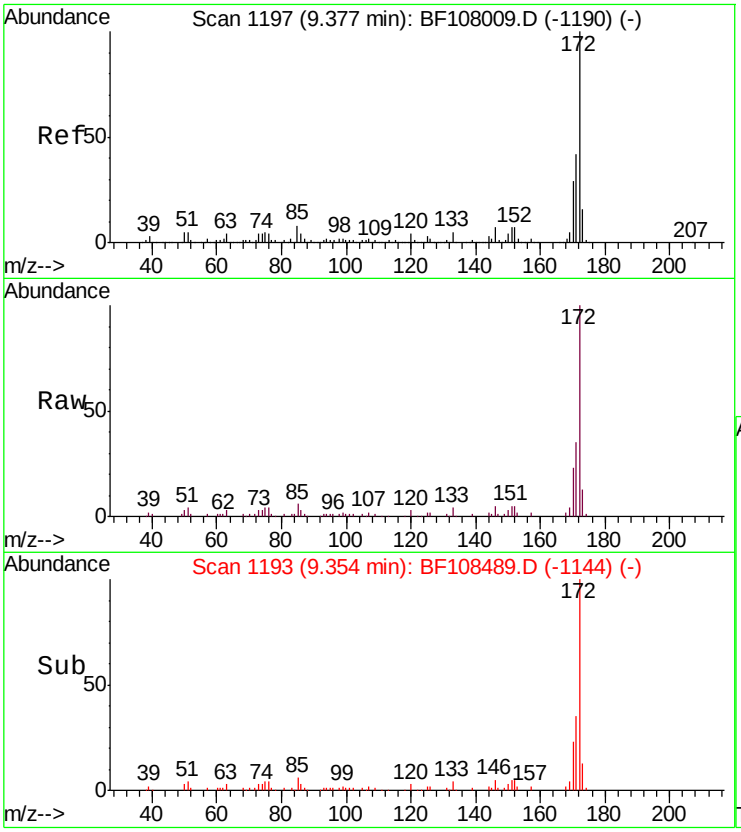


#41
2,4,6-Tribromophenol
Concen: 4.730 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108489.D
Acq: 25 Aug 2018 4:02

Tgt Ion:330 Resp: 11729

Ion	Ratio	Lower	Upper
330	100		
332	102.1	77.0	115.6
141	32.4	29.9	44.9



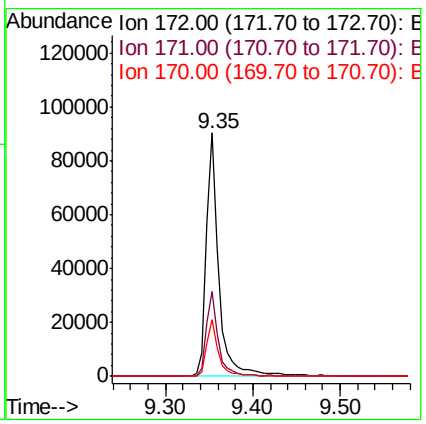


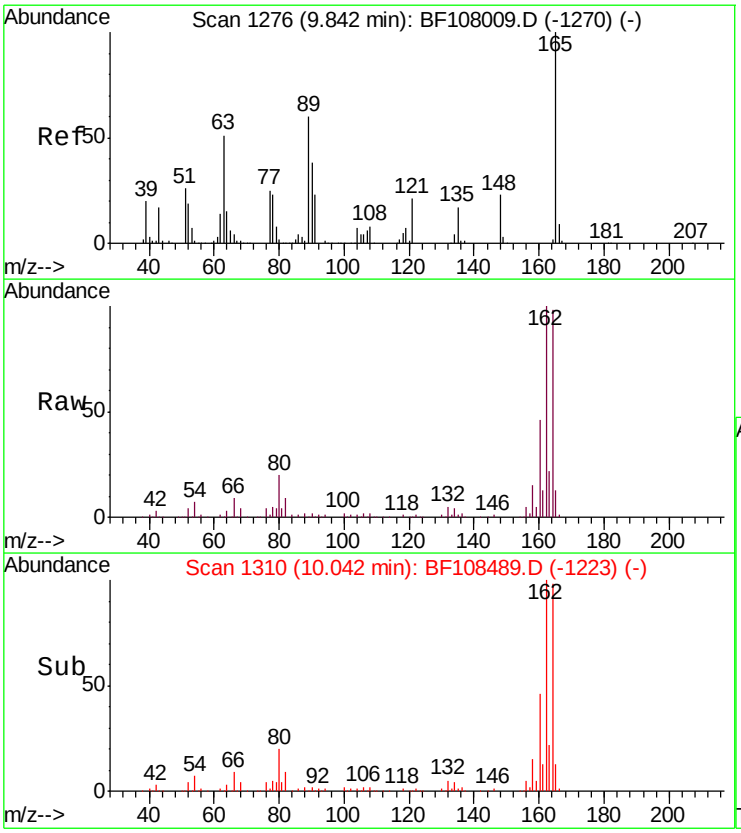
#44
2-Fluorobiphenyl
Concen: 5.830 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108489.D
Acq: 25 Aug 2018 4:02

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:172 Resp: 90275

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	23.2	19.6	29.4

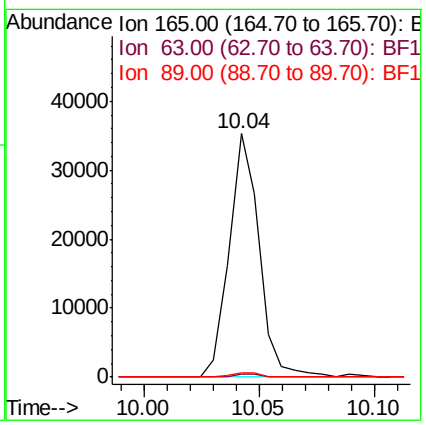


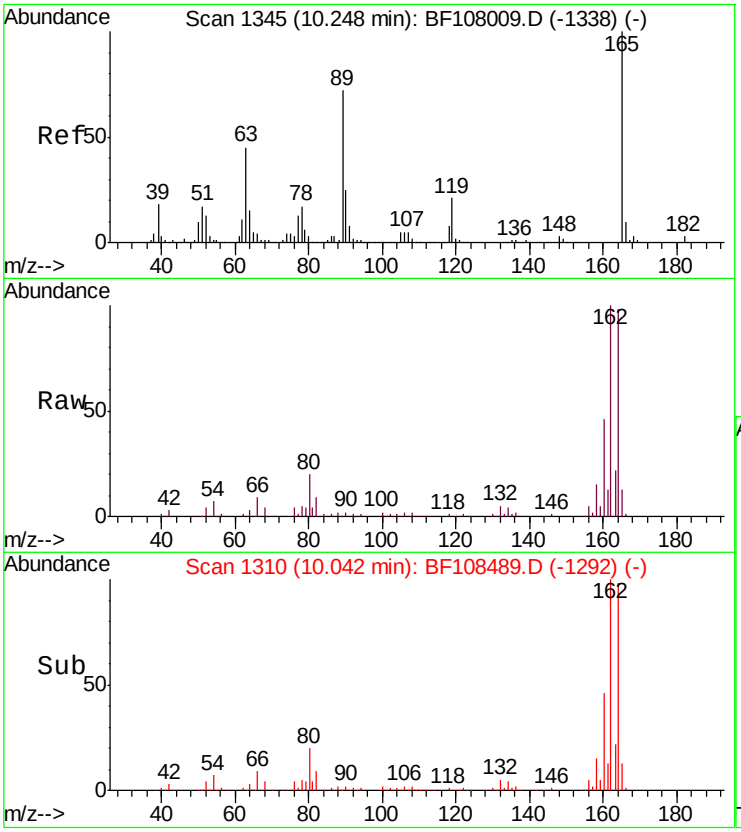


#50
2,6-Dinitrotoluene
Concen: 8.808 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108489.D
Acq: 25 Aug 2018 4:02

Tgt Ion:165 Resp: 31911

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.7	44.0	66.0#



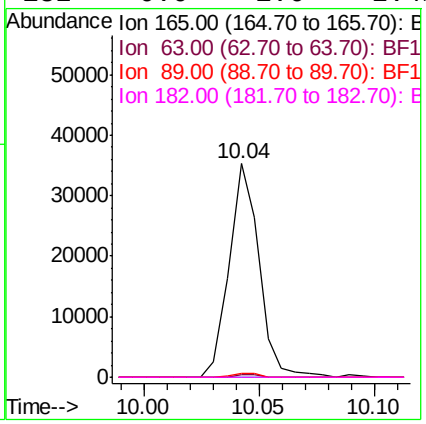


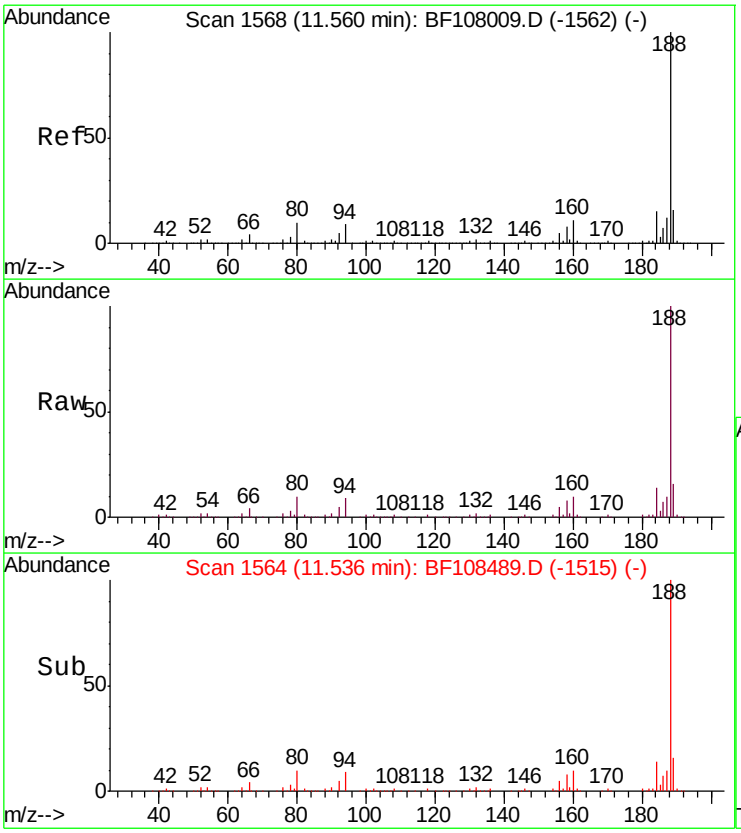
#56
2,4-Dinitrotoluene
Concen: 6.843 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108489.D
Acq: 25 Aug 2018 4:02

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:165 Resp: 31911

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

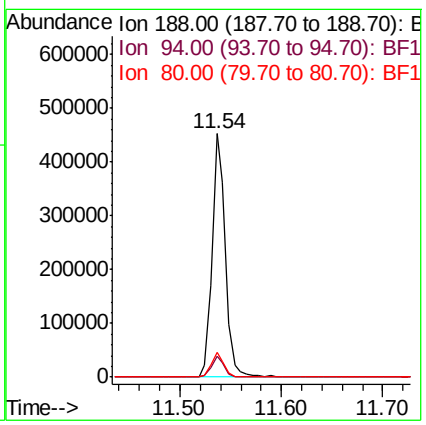


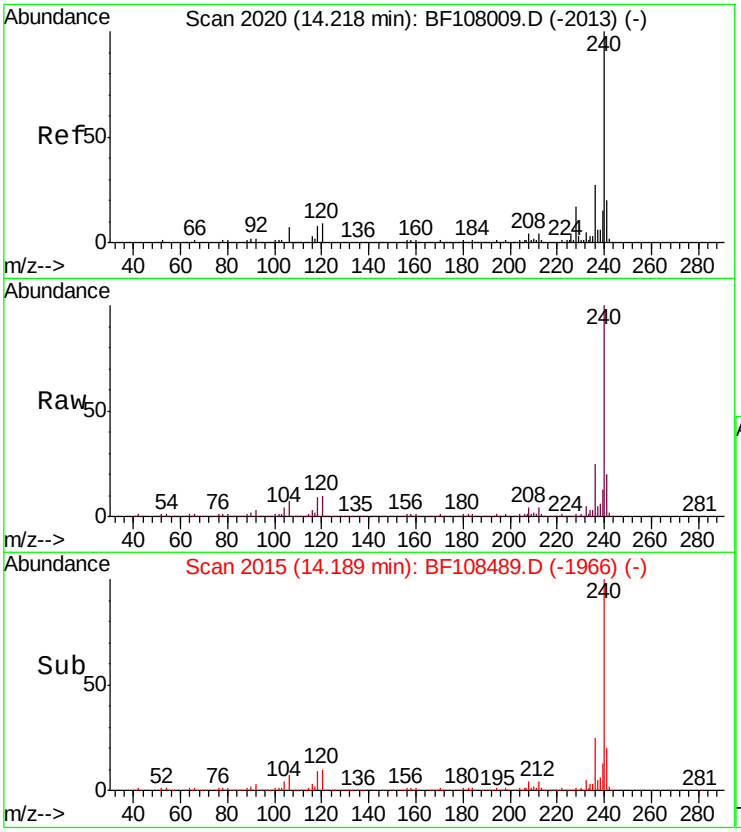


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108489.D
Acq: 25 Aug 2018 4:02

Tgt Ion:188 Resp: 410673

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	10.1	9.2	13.8



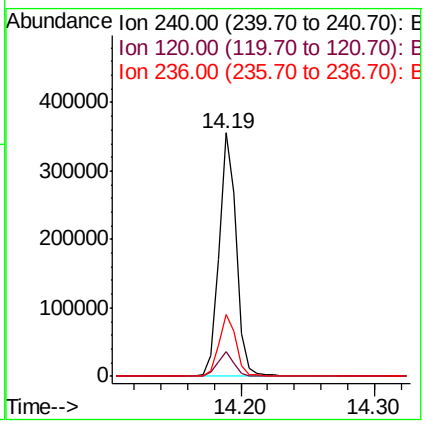


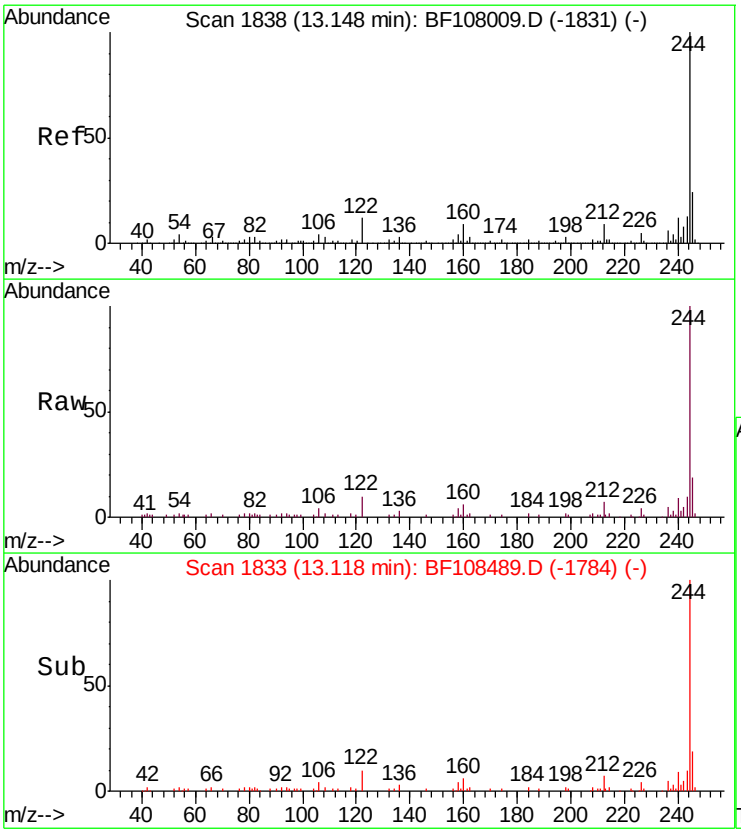
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108489.D
Acq: 25 Aug 2018 4:02

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:240 Resp: 323583

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	25.3	20.7	31.1

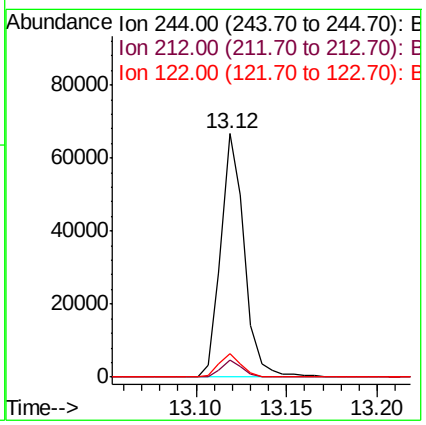


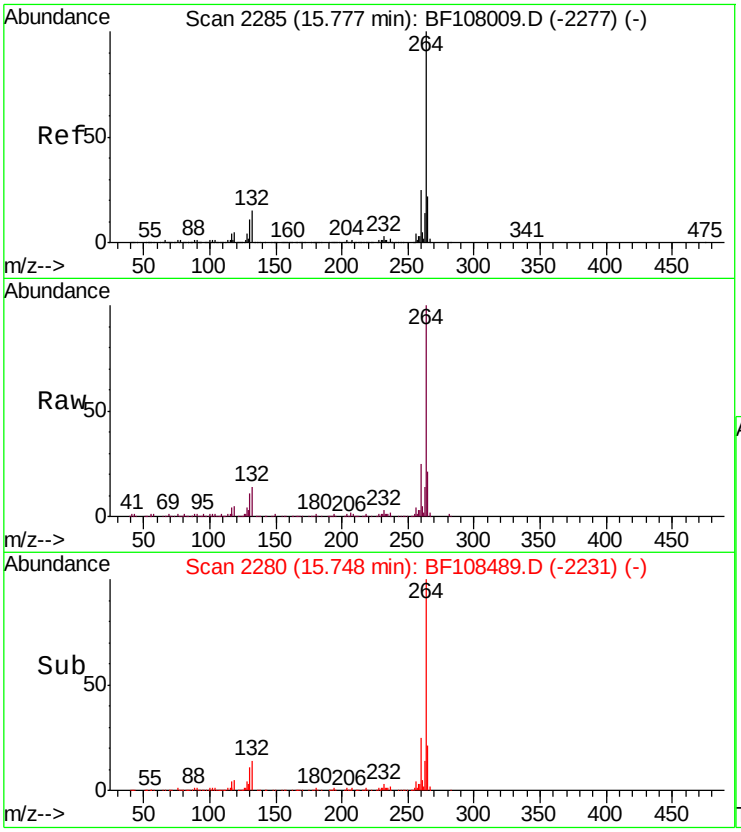


#78
Terphenyl-d14
Concen: 4.724 ng
RT: 13.12 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF108489.D
Acq: 25 Aug 2018 4:02

Tgt Ion:244 Resp: 60117

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	9.6	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108489.D
Acq: 25 Aug 2018 4:02

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:264 Resp: 324527

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.3	17.5	26.3