Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
Data File : BM016475.D
Acq On : 18 Aug 2018 15:55
Operator : SJ/JU
Sample : J4521-30
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 20 01:17:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM081718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 17 16:27:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	8820	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	33989	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	22697	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	62322	20.00	ng	-0.01
75) Chrysene-d12	21.57	240	95494	20.00	ng	-0.01
86) Perylene-d12	23.88	264	108413	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	78228	149.05	ng	0.00
7) Phenol-d6	7.22	99	85686	121.47	ng	-0.01
23) Nitrobenzene-d5	9.24	82	90284	110.63	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	74891	218.46	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	192900	88.38	ng	-0.01
78) Terphenyl-d14	20.03	244	709355	112.27	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.37	79	1689	2.638	ng	# 1
31) Naphthalene	10.92	128	4438	2.574	ng	# 69
76) Benzidine	19.67	184	71144	33.850	ng	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
Data File : BM016475.D
Acq On : 18 Aug 2018 15:55
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Misc :
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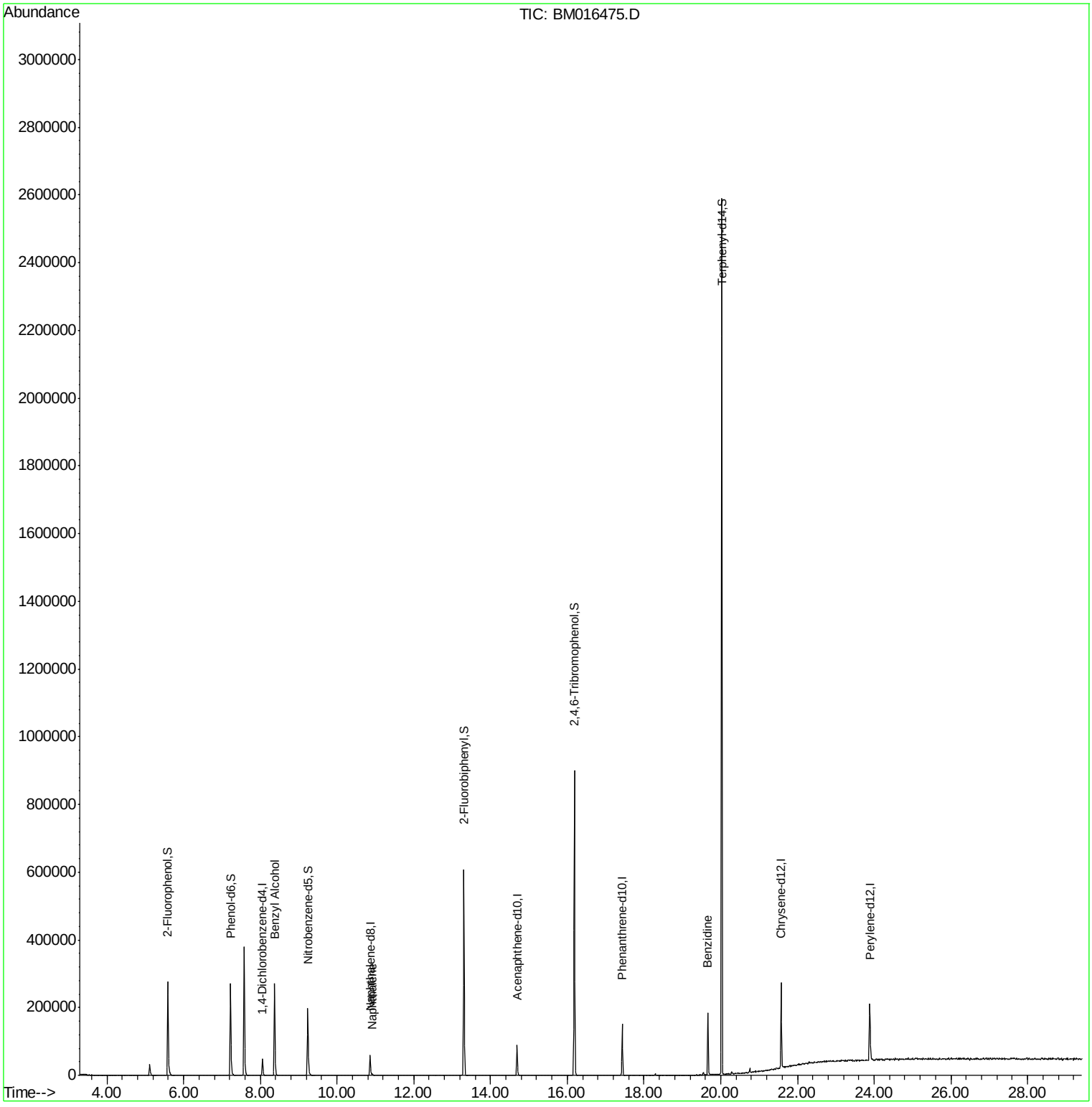
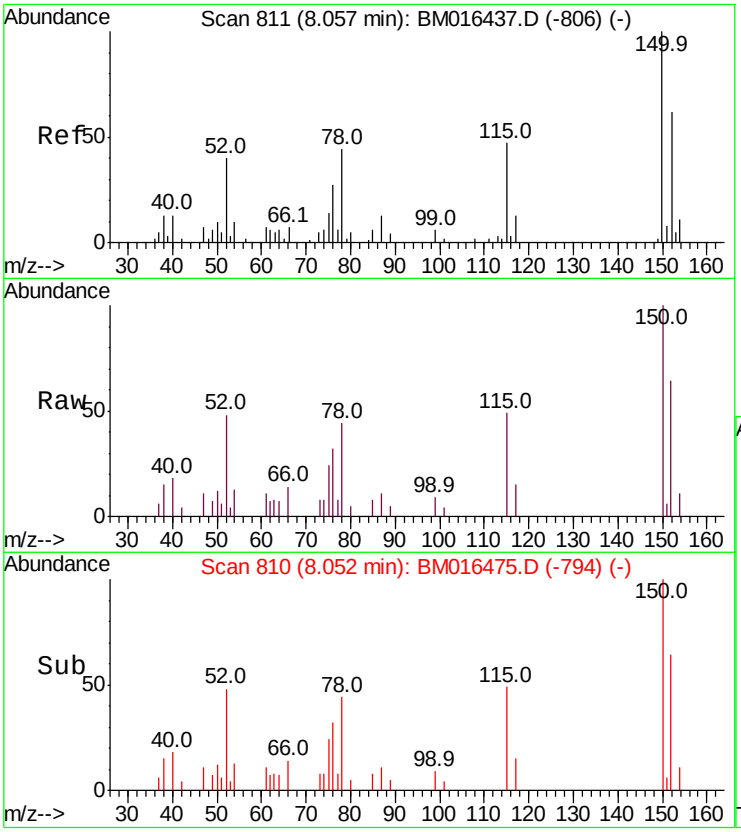
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 17 16:27:00 2018
Response via : Initial Calibration



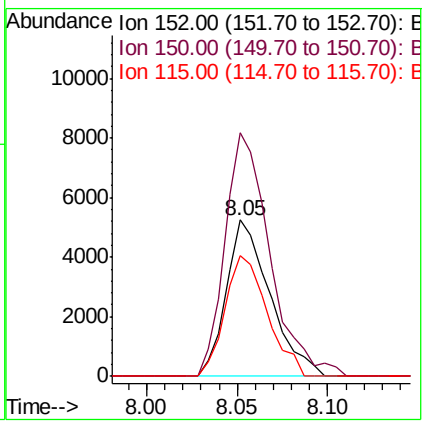


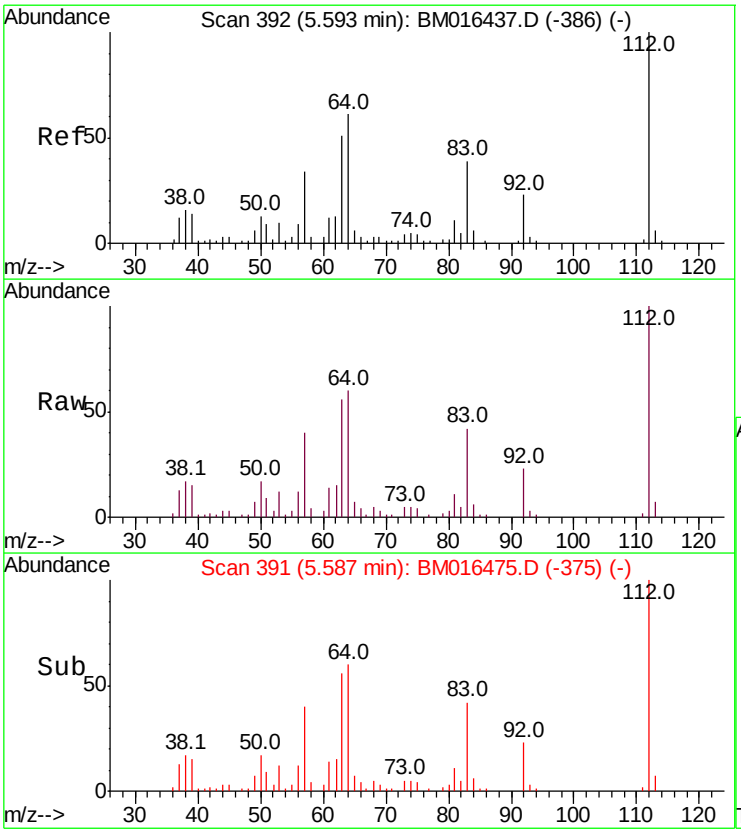
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BM016475.D
Acq: 18 Aug 2018 15:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 8820

Ion	Ratio	Lower	Upper
152	100		
150	156.1	119.5	179.3
115	77.1	43.0	64.4#

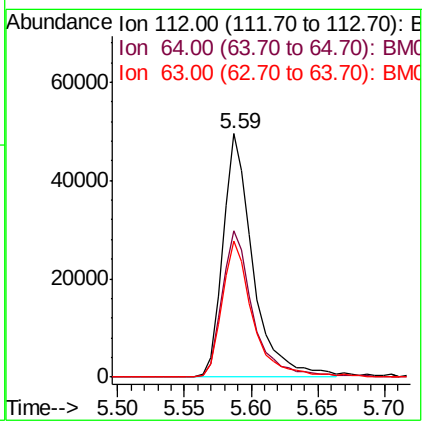


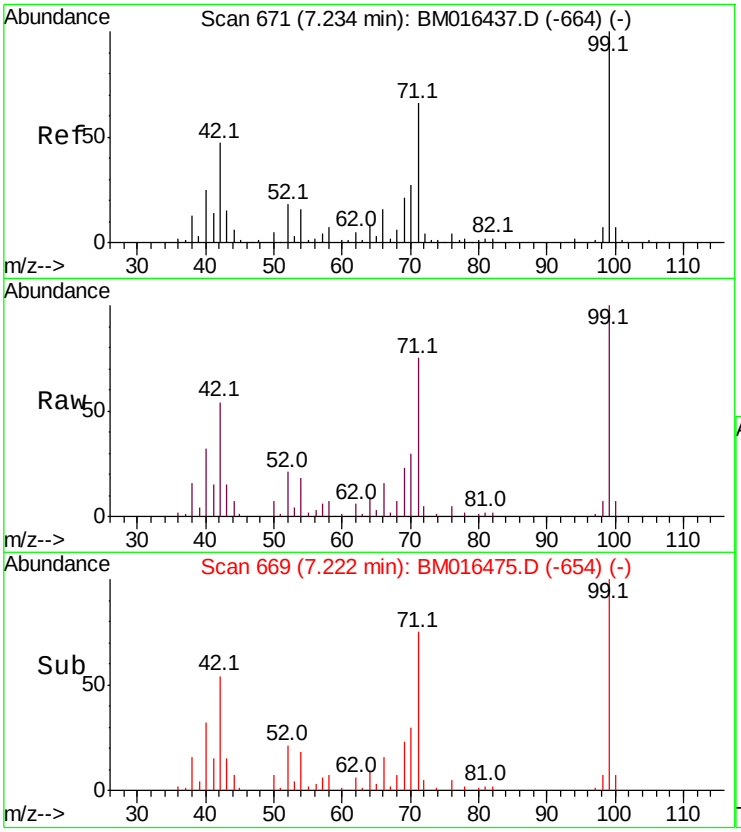


#5
2-Fluorophenol
Concen: N.D. ng
RT: 5.59 min Scan# 391
Delta R.T. -0.00 min
Lab File: BM016475.D
Acq: 18 Aug 2018 15:55

Tgt Ion:112 Resp: 78228

Ion	Ratio	Lower	Upper
112	100		
64	60.0	38.6	57.8#
63	55.8	19.3	28.9#



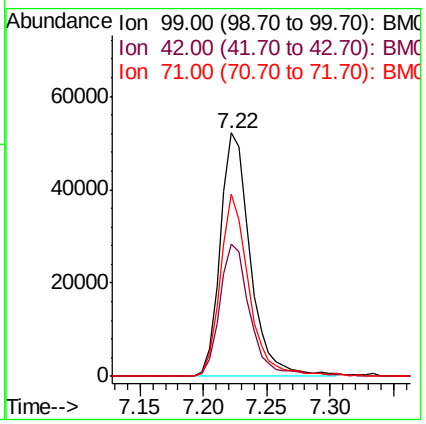


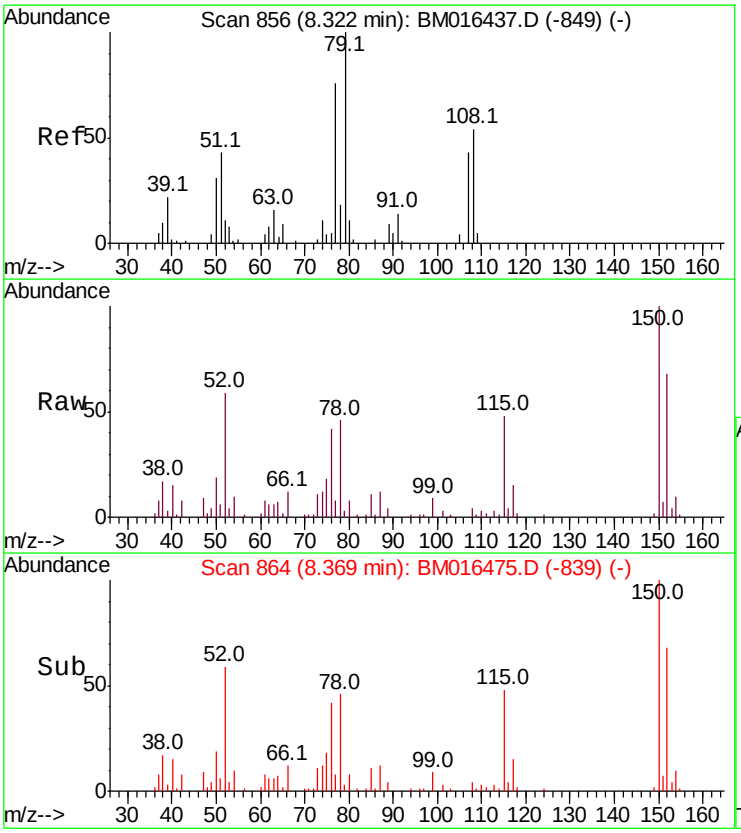
#7
Phenol-d6
Concen: N.D. ng
RT: 7.22 min Scan# 669
Delta R.T. -0.01 min
Lab File: BM016475.D
Acq: 18 Aug 2018 15:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 85686

Ion	Ratio	Lower	Upper
99	100		
42	54.2	11.0	16.4#
71	74.9	23.4	35.2#

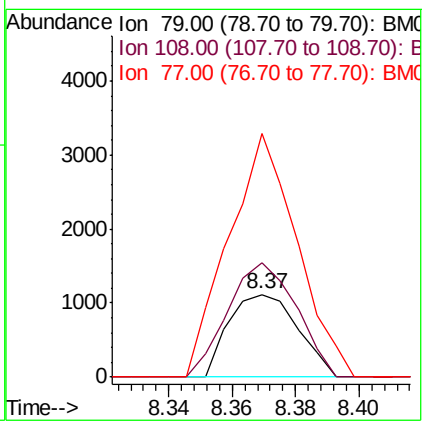


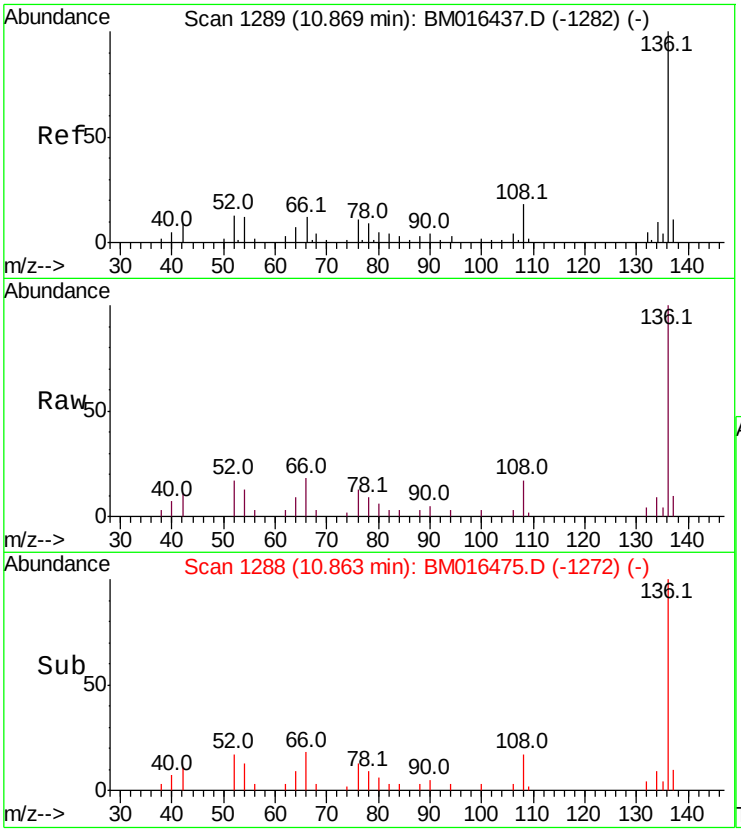


#15
Benzyl Alcohol
Concen: 2.638 ng
RT: 8.37 min Scan# 864
Delta R.T. 0.05 min
Lab File: BM016475.D
Acq: 18 Aug 2018 15:55

Tgt Ion: 79 Resp: 1689

Ion	Ratio	Lower	Upper
79	100		
108	138.2	65.0	97.4#
77	294.7	53.0	79.6#



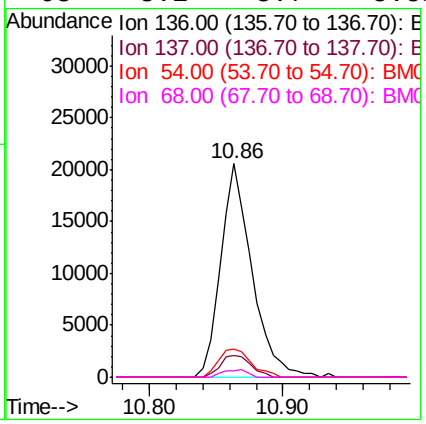


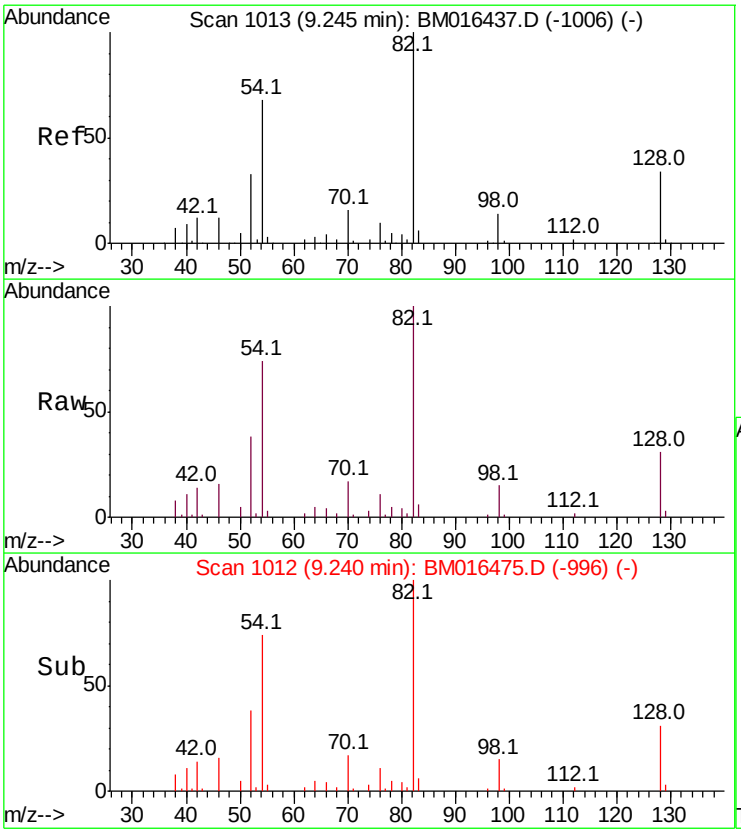
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BM016475.D
Acq: 18 Aug 2018 15:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 33989

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.7	13.1
54	13.0	4.6	6.8#
68	3.2	3.7	5.5#

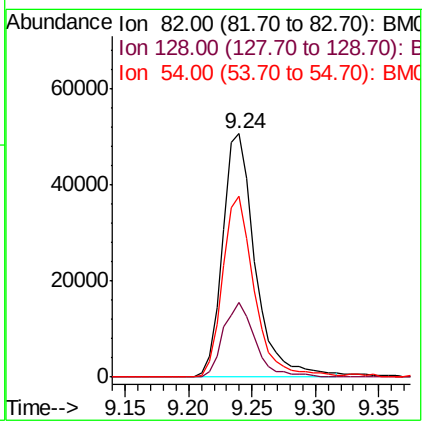


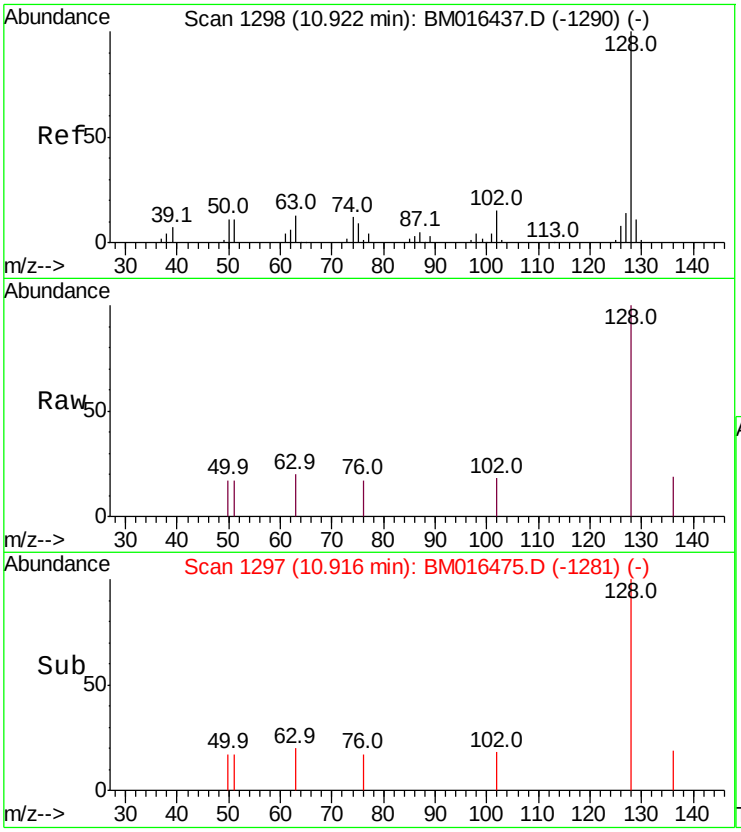


#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM016475.D
Acq: 18 Aug 2018 15:55

Tgt Ion: 82 Resp: 90284

Ion	Ratio	Lower	Upper
82	100		
128	30.9	32.8	49.2#
54	74.2	40.6	60.8#



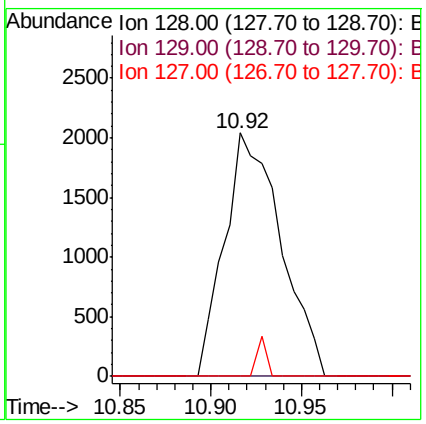


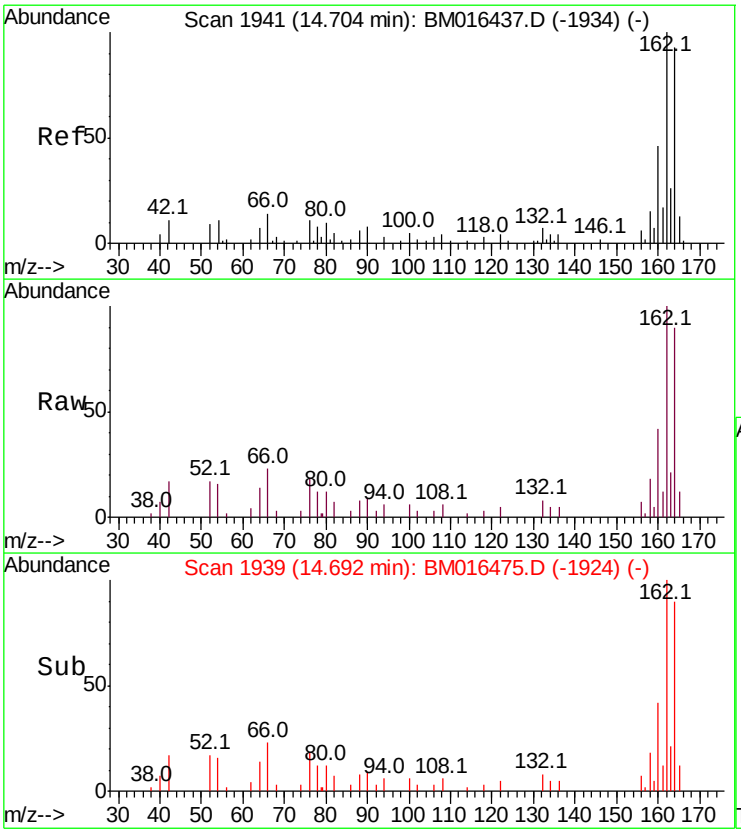
#31
Naphthalene
Concen: 2.574 ng
RT: 10.92 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM016475.D
Acq: 18 Aug 2018 15:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 4438

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.9	13.3#
127	0.0	10.4	15.6#

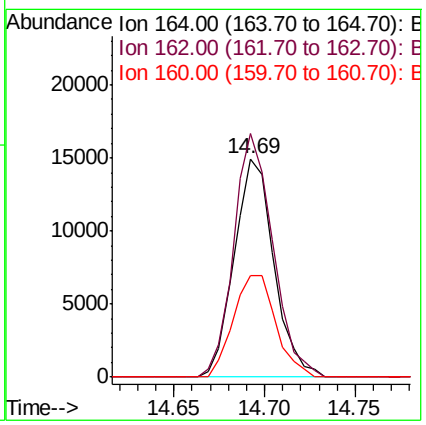


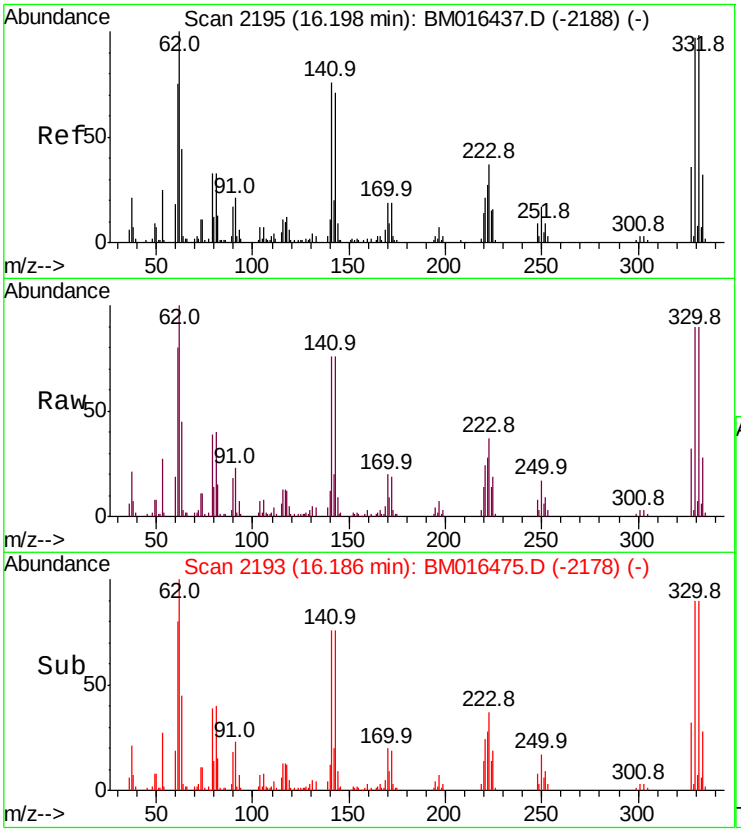


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM016475.D
Acq: 18 Aug 2018 15:55

Tgt Ion:164 Resp: 22697

Ion	Ratio	Lower	Upper
164	100		
162	111.7	82.4	123.6
160	46.5	35.8	53.6



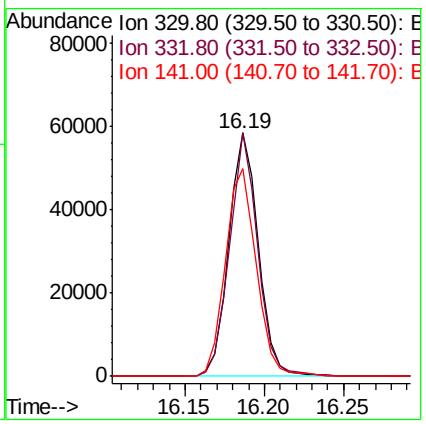


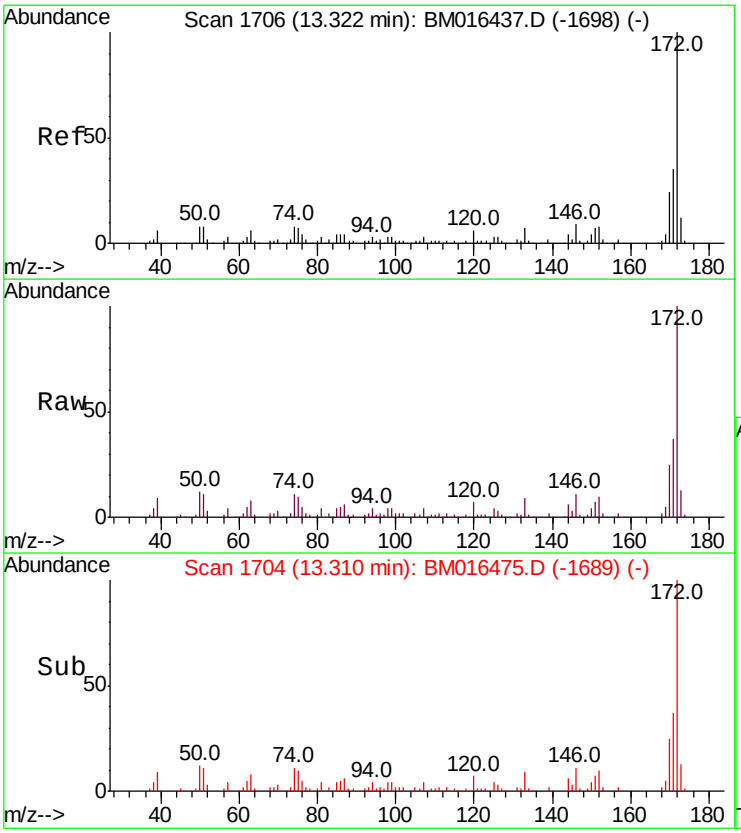
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.19 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BM016475.D
Acq: 18 Aug 2018 15:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 74891

Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	89.5	0.0	0.0#

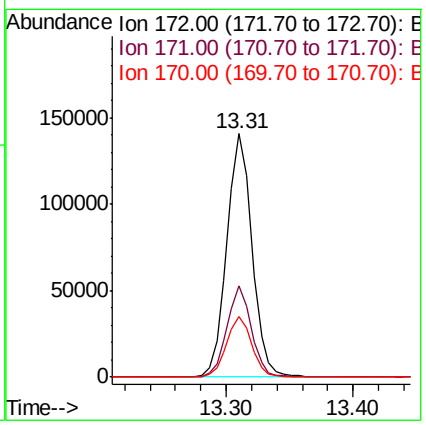


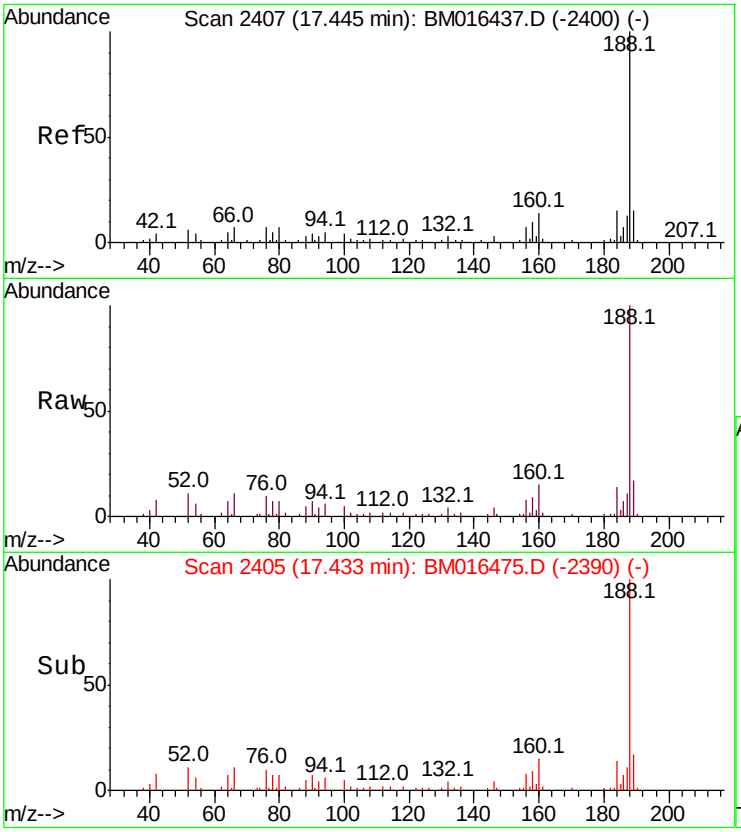


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.31 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM016475.D
Acq: 18 Aug 2018 15:55

Tgt Ion:172 Resp: 192900

Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.5	42.7
170	24.8	18.8	28.2



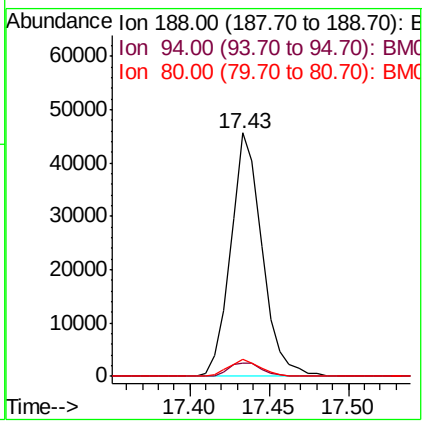


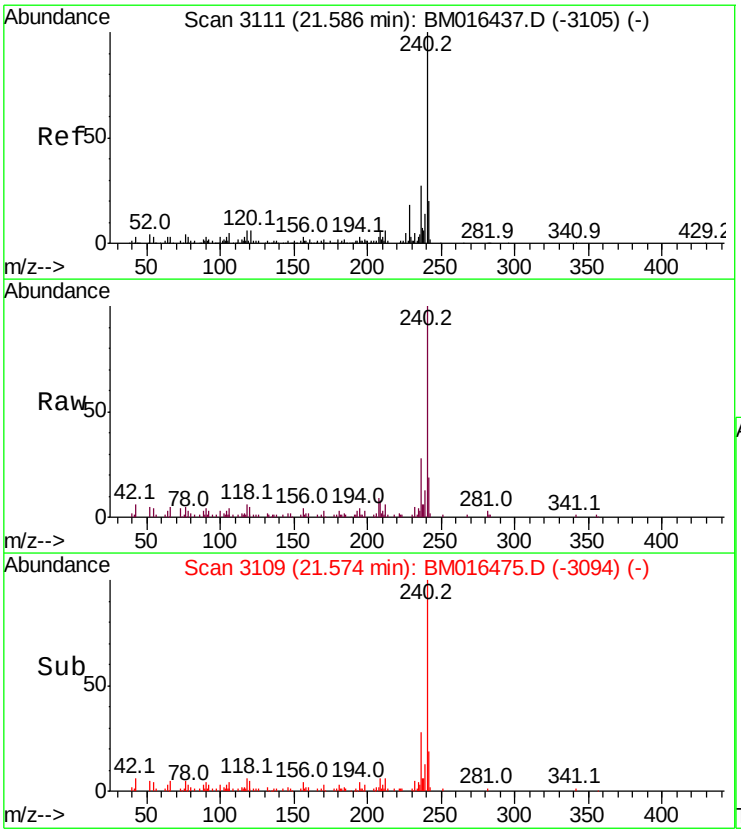
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BM016475.D
Acq: 18 Aug 2018 15:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 62322

Ion	Ratio	Lower	Upper
188	100		
94	5.5	8.7	13.1#
80	7.1	9.3	13.9#

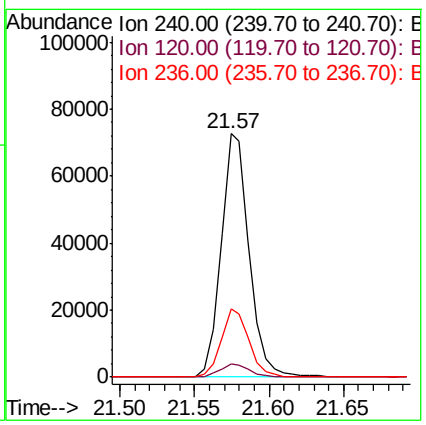


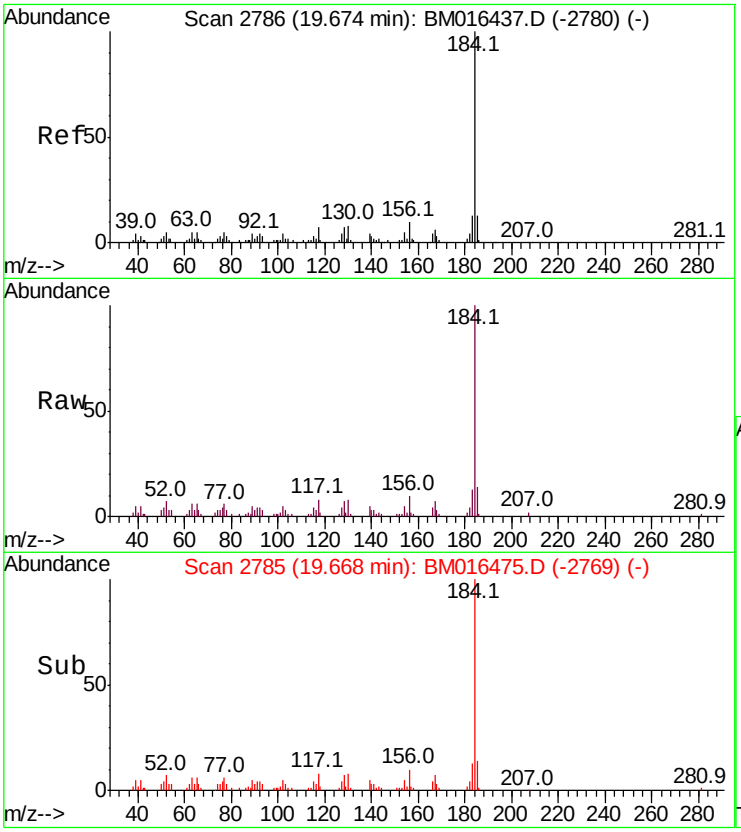


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM016475.D
Acq: 18 Aug 2018 15:55

Tgt Ion:240 Resp: 95494

Ion	Ratio	Lower	Upper
240	100		
120	5.3	8.2	12.2#
236	28.3	20.0	30.0



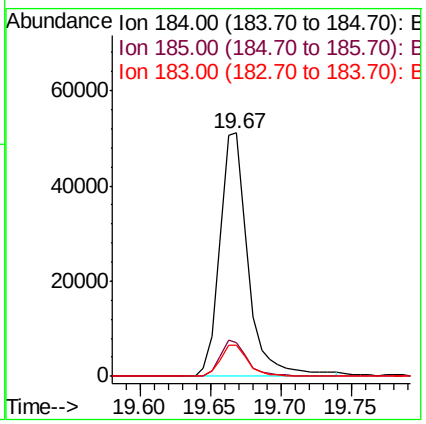


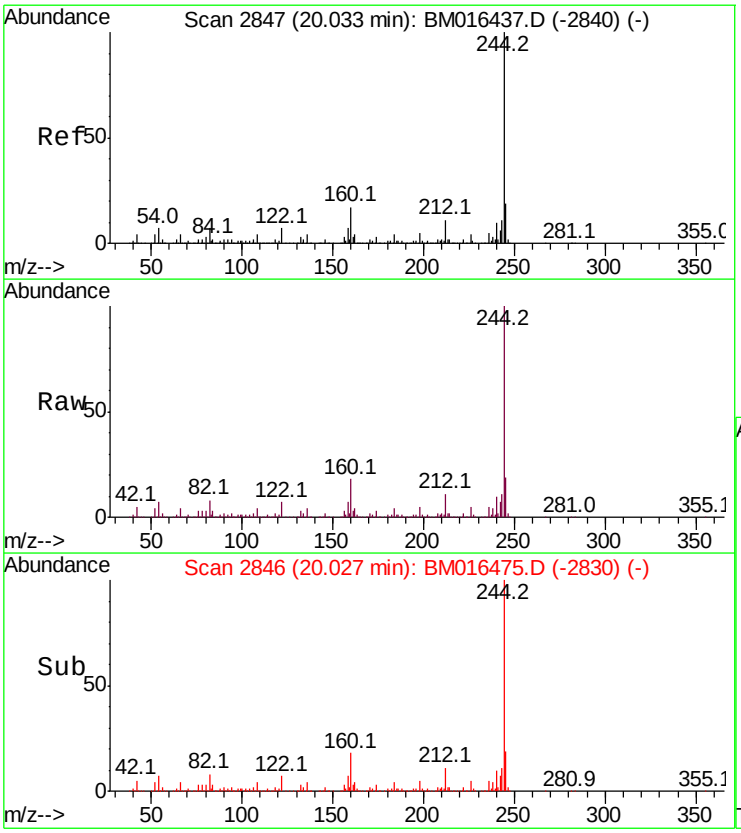
#76
Benzidine
Concen: 33.850 ng
RT: 19.67 min Scan# 2785
Delta R.T. -0.01 min
Lab File: BM016475.D
Acq: 18 Aug 2018 15:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 71144

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.3	16.9
183	12.7	8.9	13.3

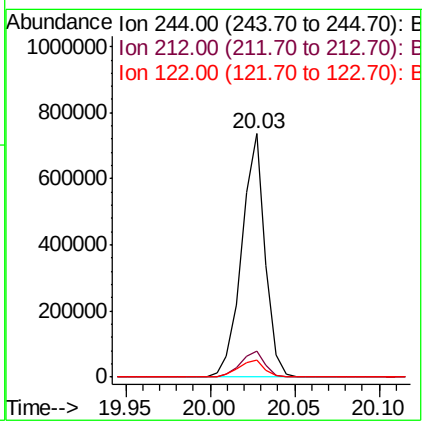


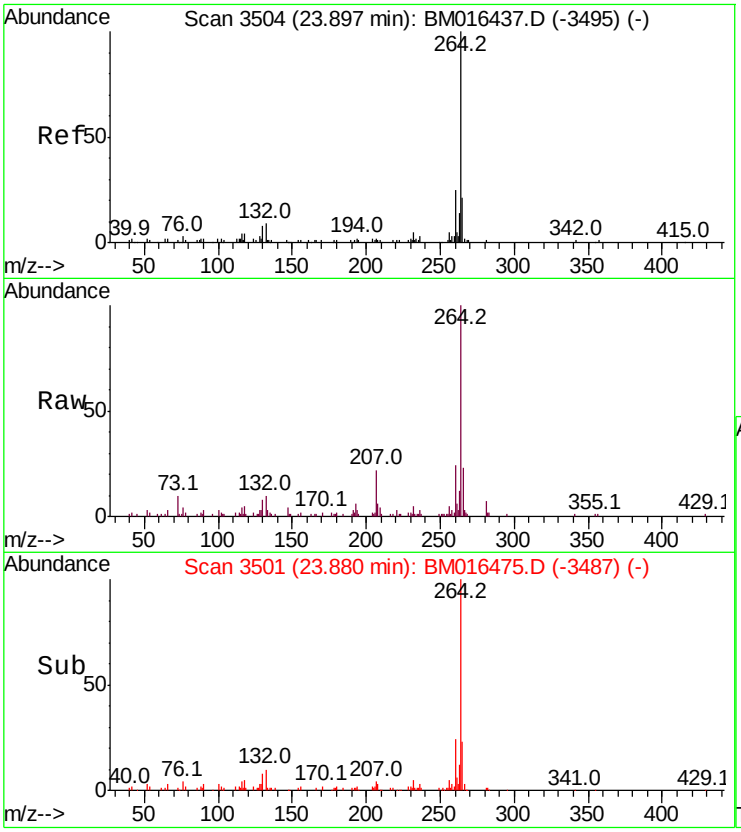


#78
Terphenyl-d14
Concen: N.D. ng
RT: 20.03 min Scan# 2846
Delta R.T. -0.00 min
Lab File: BM016475.D
Acq: 18 Aug 2018 15:55

Tgt Ion:244 Resp: 709355

Ion	Ratio	Lower	Upper
244	100		
212	10.9	4.9	7.3#
122	6.8	6.2	9.4

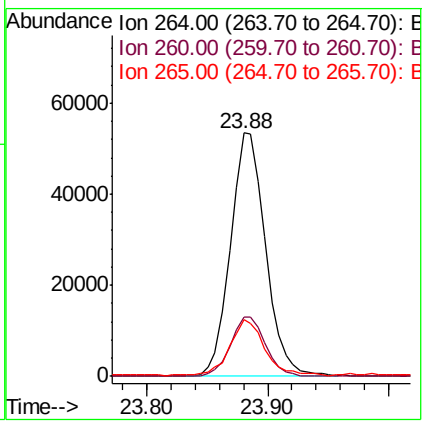




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.88 min Scan# 3501
Delta R.T. -0.02 min
Lab File: BM016475.D
Acq: 18 Aug 2018 15:55

Tgt Ion:264 Resp: 108413

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	23.5	17.3	25.9



Instrument :
BNA_M
ClientSampleId :