Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
Data File : BM016399.D
Acq On : 16 Aug 2018 03:48
Operator : SJ/JU
Sample : J4471-24
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 16 07:07:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 15 11:23:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	19061	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	67656	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	35559	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	81284	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	89266	20.00	ng	0.00
86) Perylene-d12	23.94	264	92823	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	166484	145.09	ng	0.00
7) Phenol-d6	7.28	99	174370	116.36	ng	0.00
23) Nitrobenzene-d5	9.30	82	172344	118.48	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	76159	168.87	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	344773	117.97	ng	-0.01
78) Terphenyl-d14	20.06	244	642125	150.58	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.43	79	4193	3.514	ng	# 1
76) Benzidine	19.70	184	129285	51.828	ng	98

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

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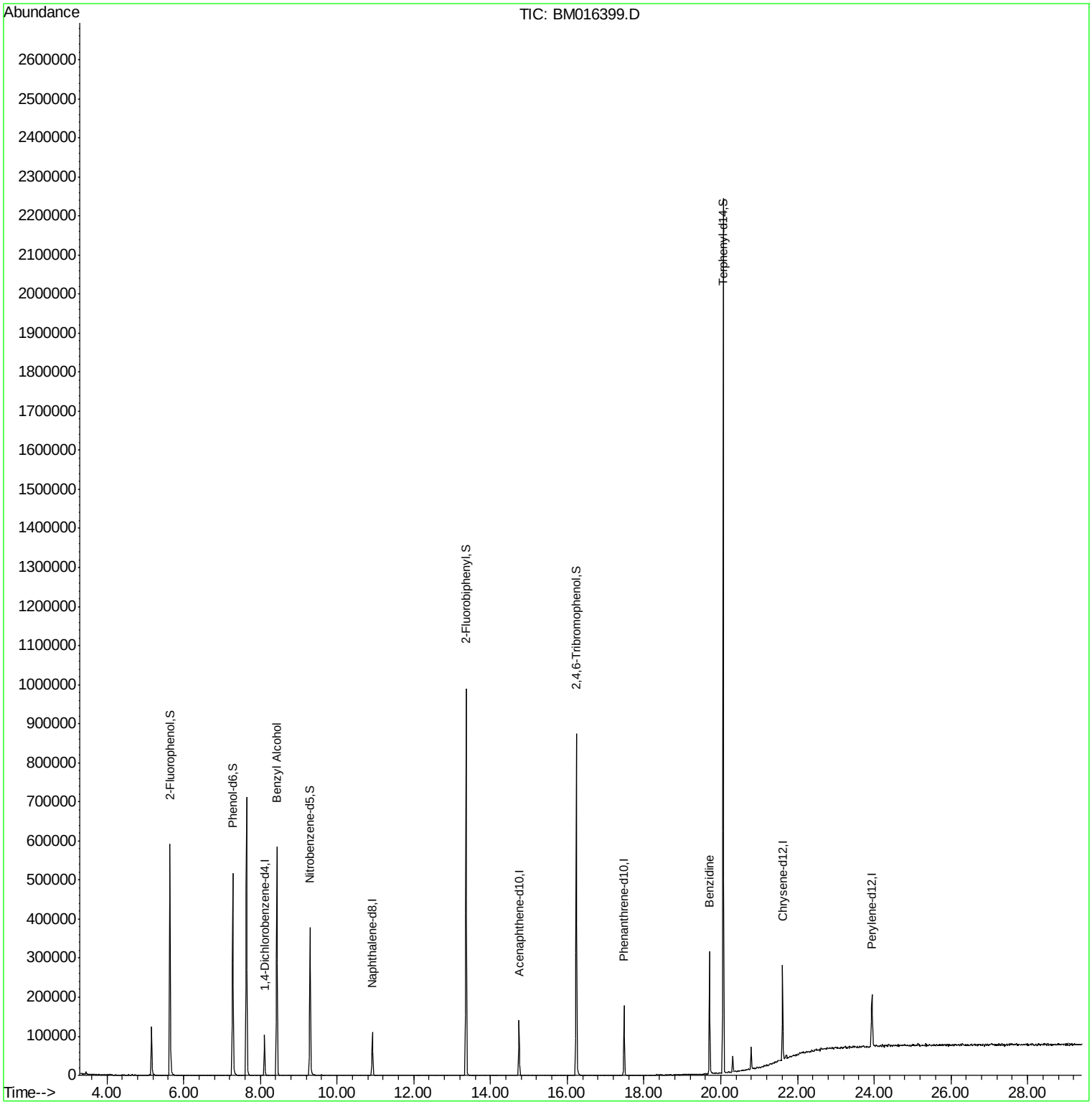
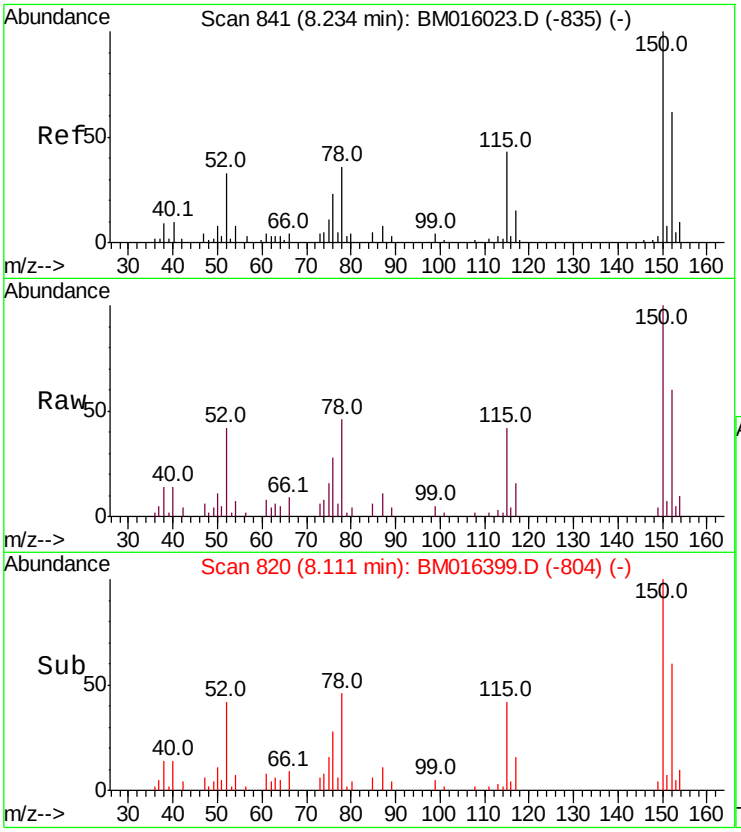


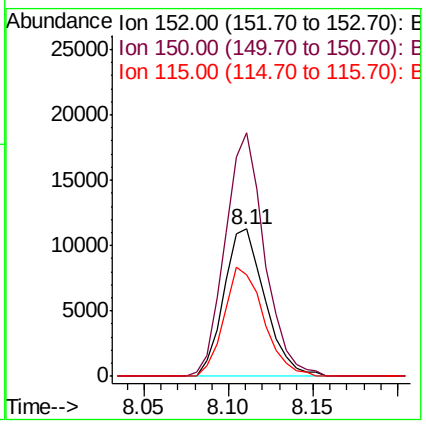


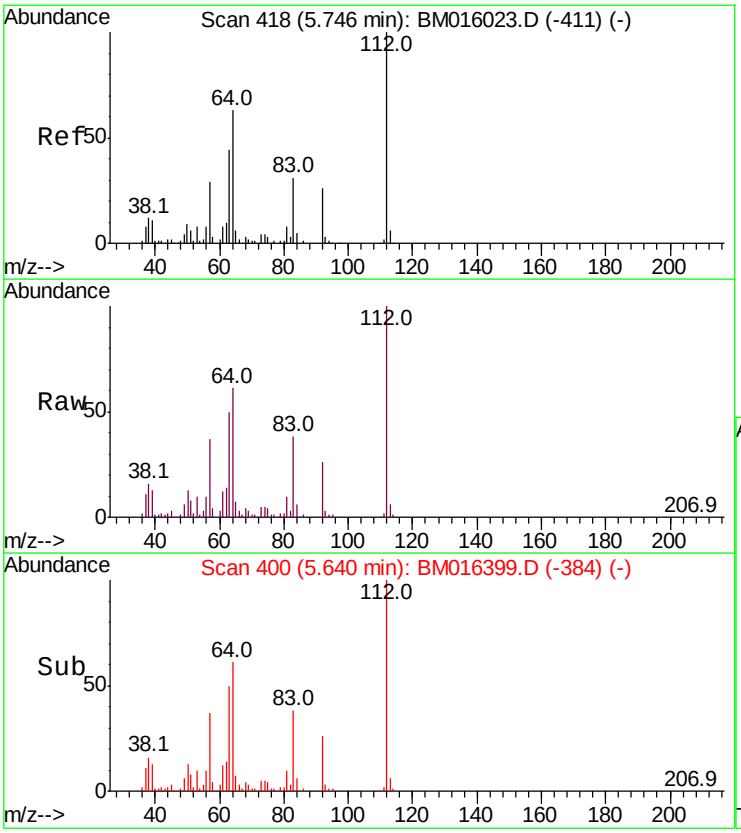
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.01 min
Lab File: BM016399.D
Acq: 16 Aug 2018 03:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 19061

Ion	Ratio	Lower	Upper
152	100		
150	165.5	119.5	179.3
115	69.2	43.0	64.4#

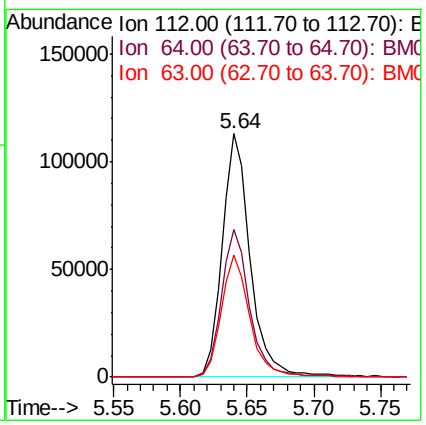


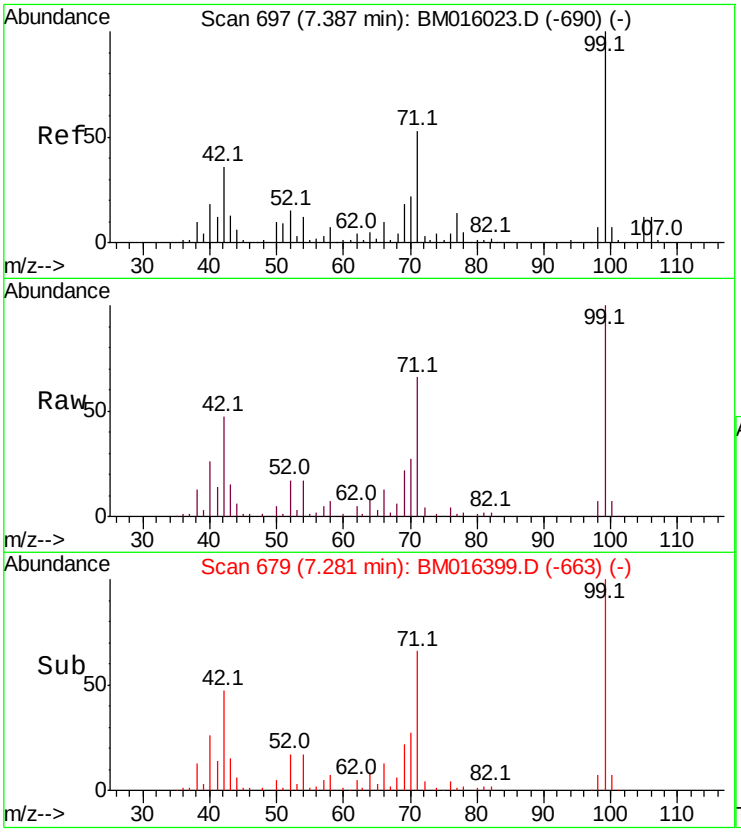


#5
2-Fluorophenol
Concen: N.D. ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BM016399.D
Acq: 16 Aug 2018 03:48

Tgt Ion:112 Resp: 166484

Ion	Ratio	Lower	Upper
112	100		
64	60.8	38.6	57.8#
63	50.2	19.3	28.9#



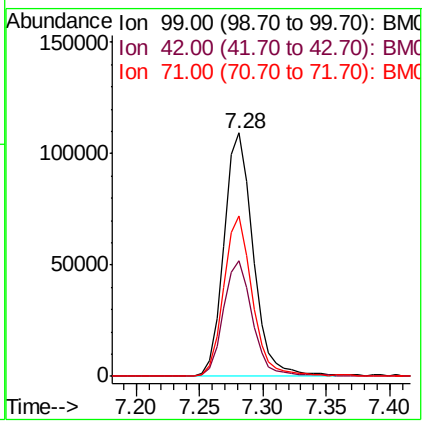


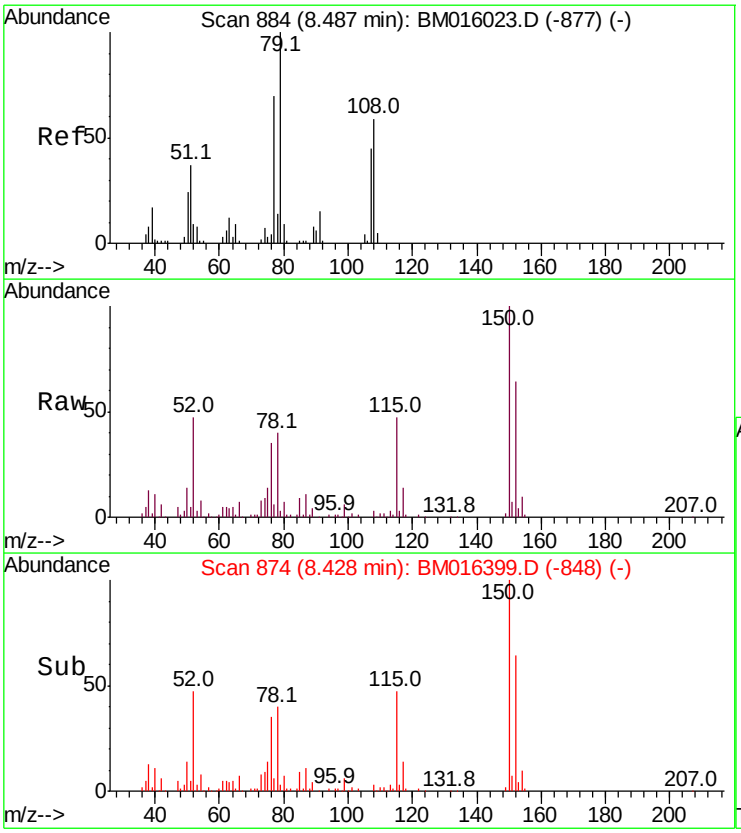
#7
Phenol-d6
Concen: Below ng
RT: 7.28 min Scan# 679
Delta R.T. -0.01 min
Lab File: BM016399.D
Acq: 16 Aug 2018 03:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 174370

Ion	Ratio	Lower	Upper
99	100		
42	47.4	11.0	16.4#
71	65.7	23.4	35.2#

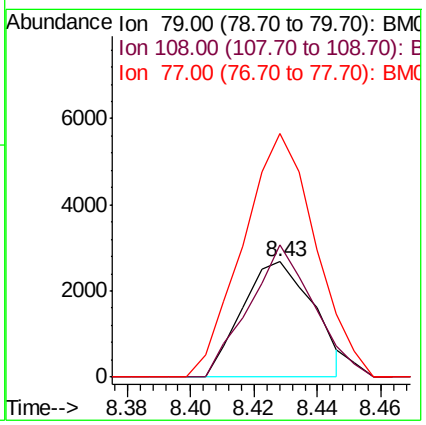


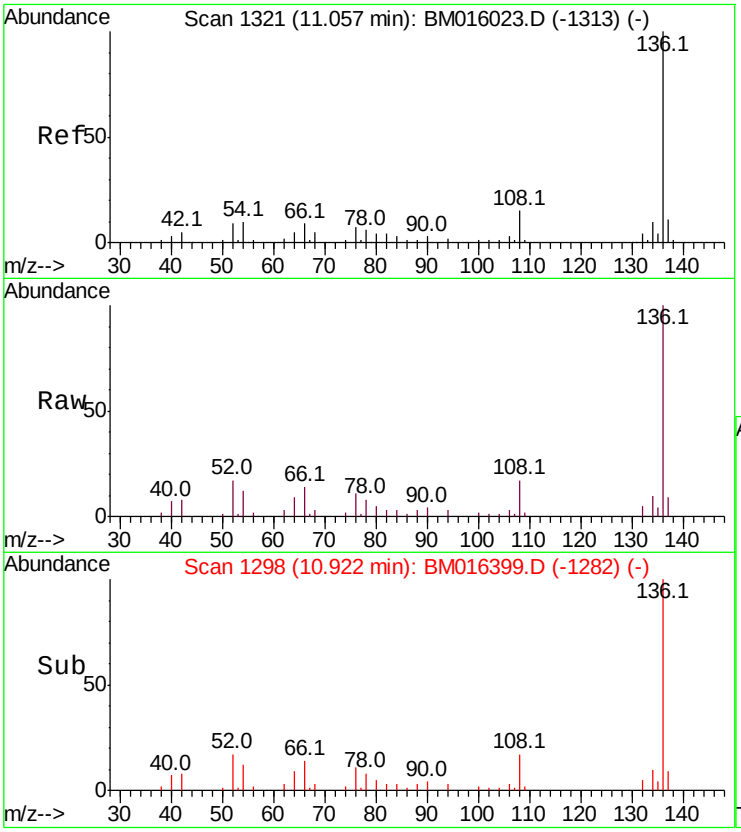


#15
Benzyl Alcohol
Concen: 3.514 ng
RT: 8.43 min Scan# 874
Delta R.T. 0.05 min
Lab File: BM016399.D
Acq: 16 Aug 2018 03:48

Tgt Ion: 79 Resp: 4193

Ion	Ratio	Lower	Upper
79	100		
108	114.4	65.0	97.4#
77	211.4	53.0	79.6#



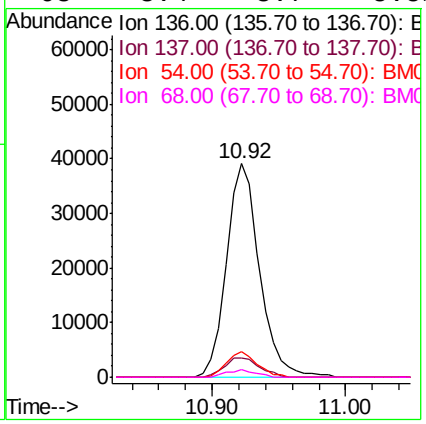


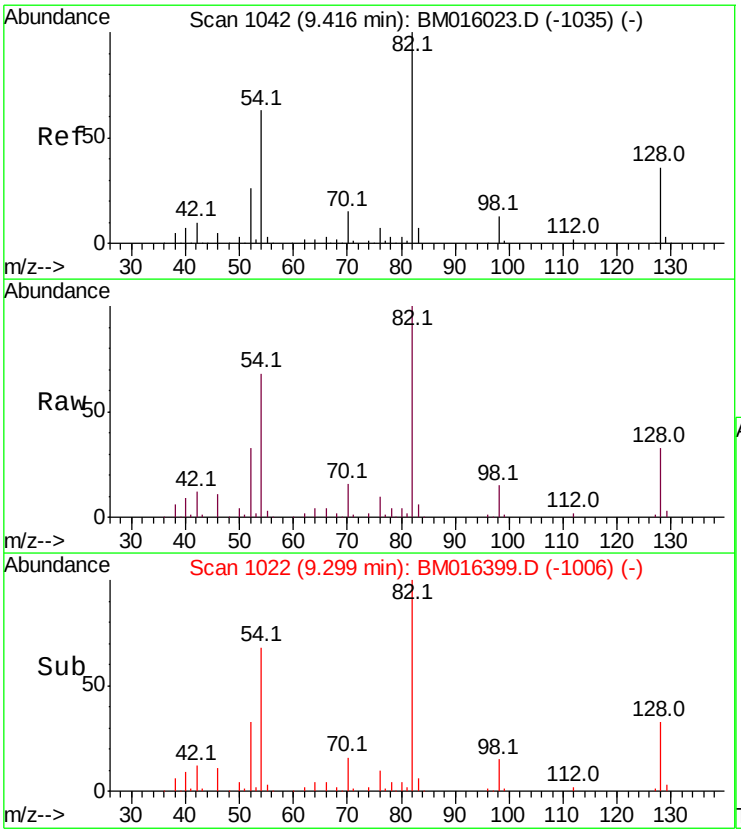
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM016399.D
Acq: 16 Aug 2018 03:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 67656

Ion	Ratio	Lower	Upper
136	100		
137	9.2	8.7	13.1
54	12.0	4.6	6.8#
68	3.4	3.7	5.5#

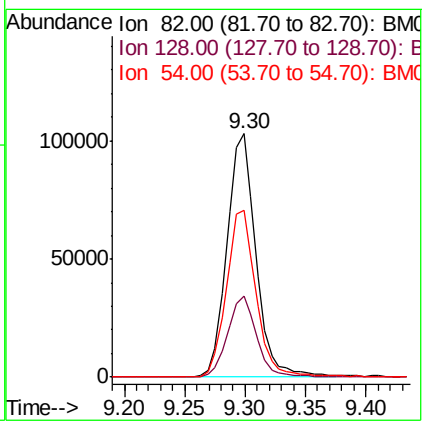


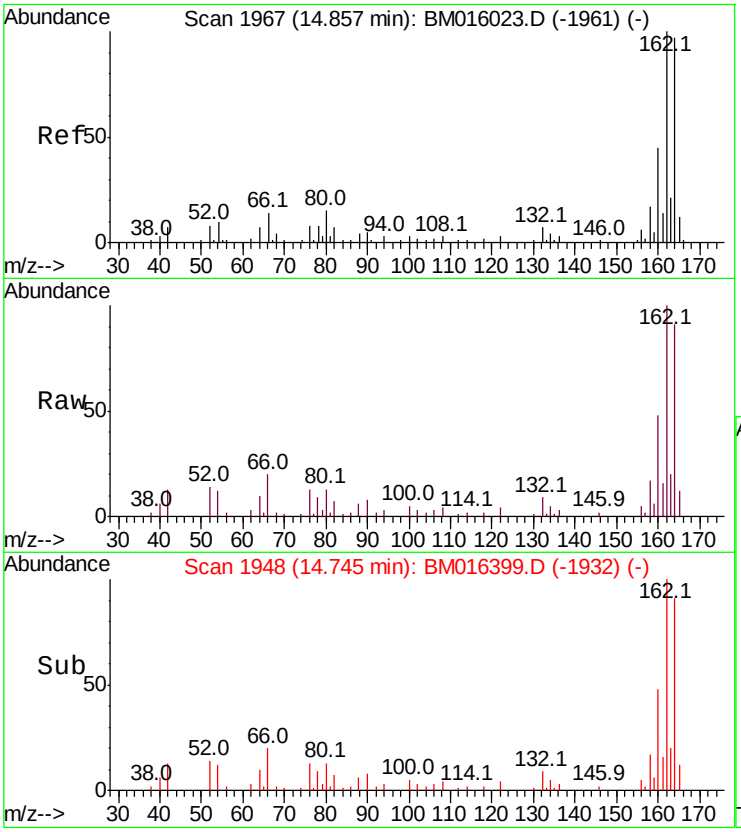


#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BM016399.D
Acq: 16 Aug 2018 03:48

Tgt Ion: 82 Resp: 172344

Ion	Ratio	Lower	Upper
82	100		
128	33.3	32.8	49.2
54	68.4	40.6	60.8#



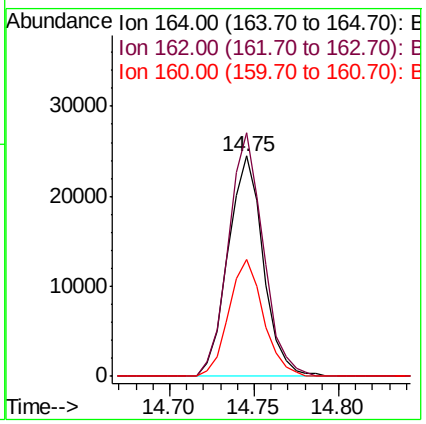


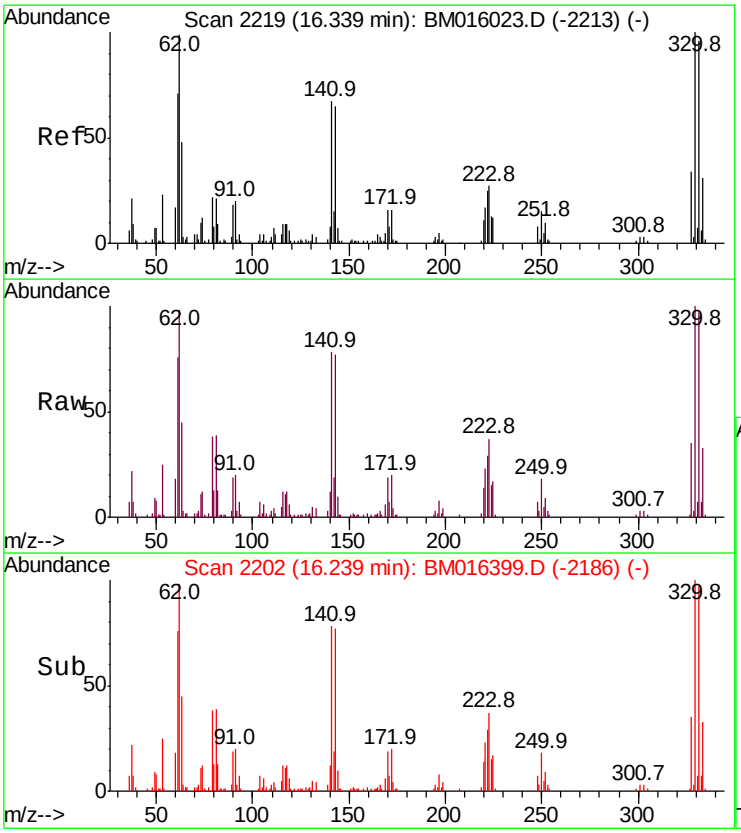
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BM016399.D
Acq: 16 Aug 2018 03:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 35559

Ion	Ratio	Lower	Upper
164	100		
162	110.5	82.4	123.6
160	52.9	35.8	53.6

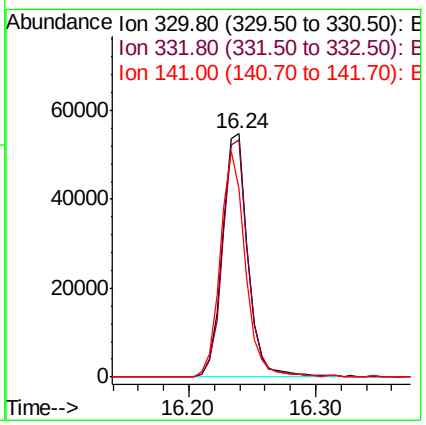


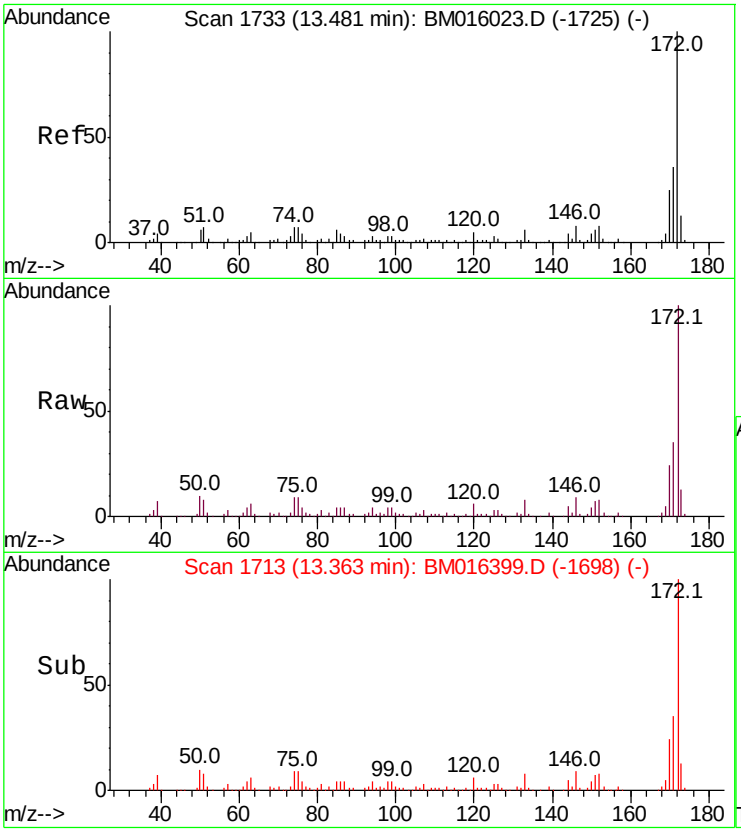


#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.24 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BM016399.D
Acq: 16 Aug 2018 03:48

Tgt Ion:330 Resp: 76159

Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	91.4	0.0	0.0#



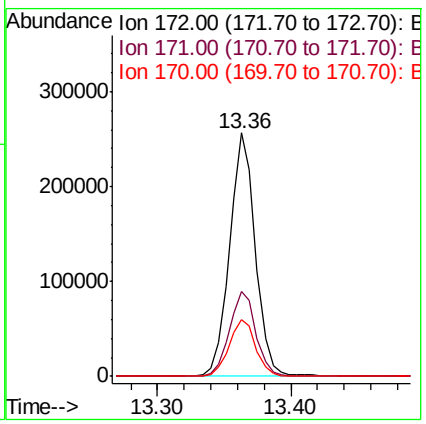


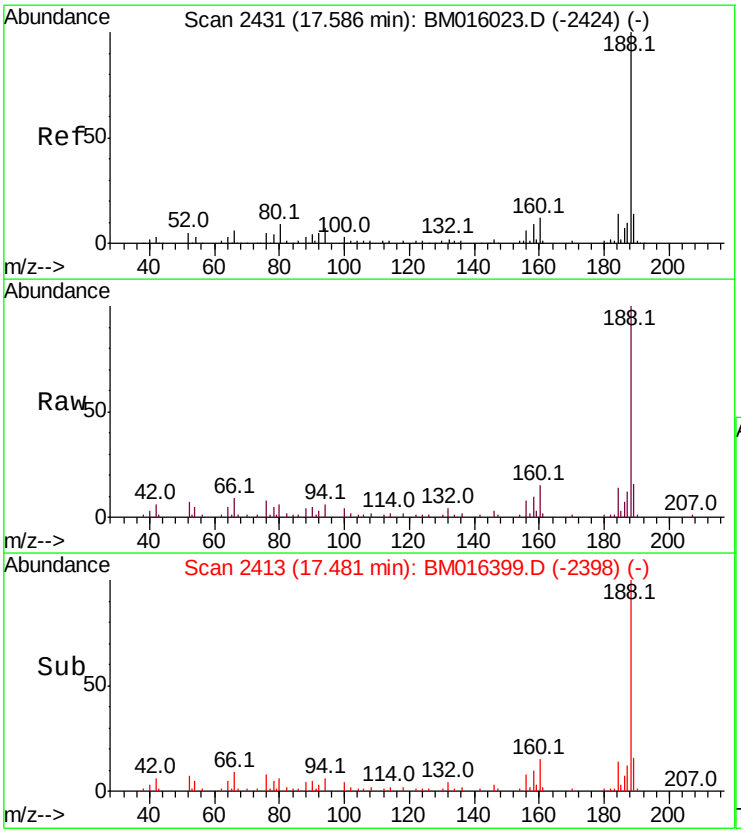
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.36 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BM016399.D
Acq: 16 Aug 2018 03:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 344773

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.6	18.8	28.2

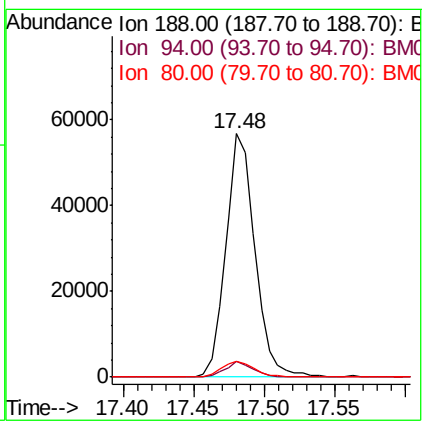


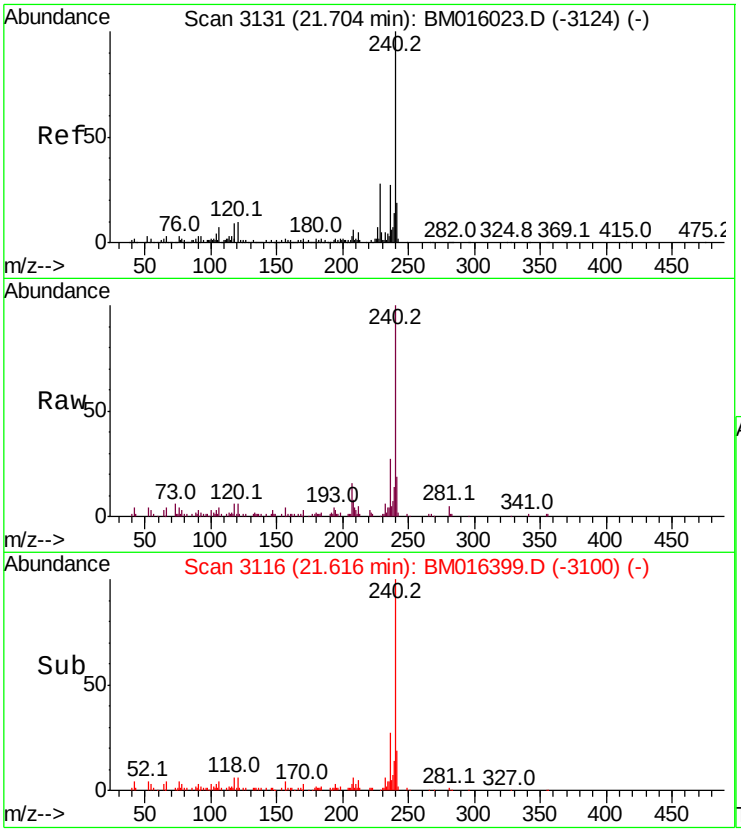


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BM016399.D
Acq: 16 Aug 2018 03:48

Tgt Ion:188 Resp: 81284

Ion	Ratio	Lower	Upper
188	100		
94	6.5	8.7	13.1#
80	6.4	9.3	13.9#



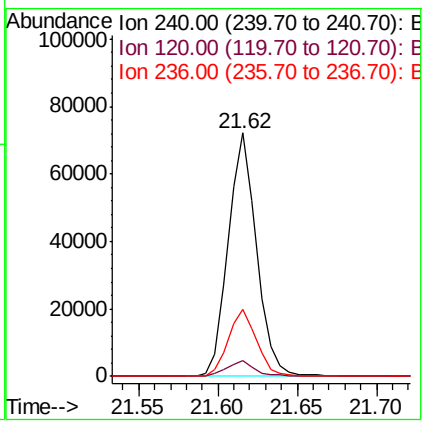


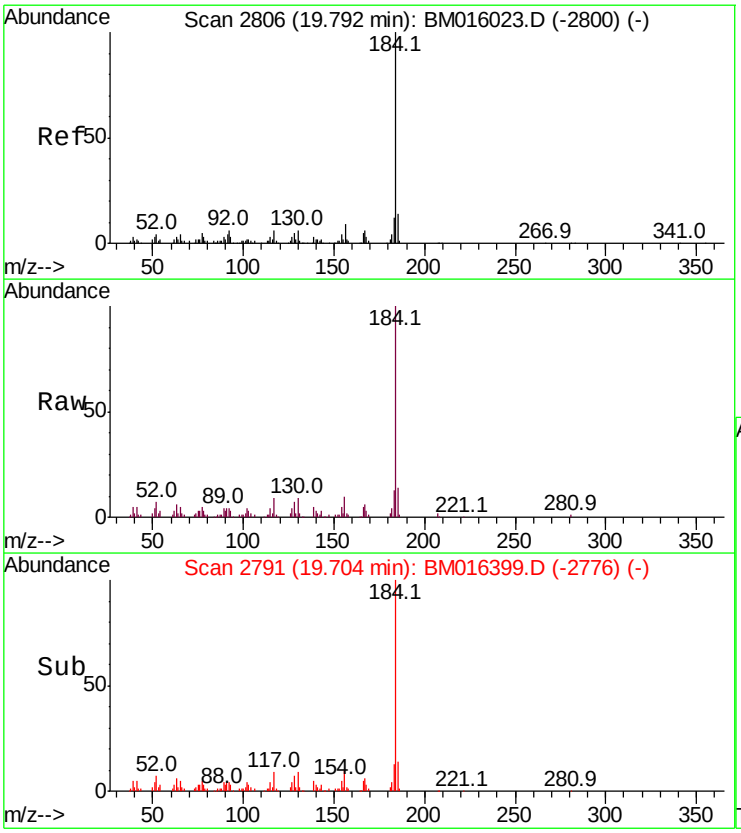
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM016399.D
Acq: 16 Aug 2018 03:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 89266

Ion	Ratio	Lower	Upper
240	100		
120	6.4	8.2	12.2#
236	27.5	20.0	30.0

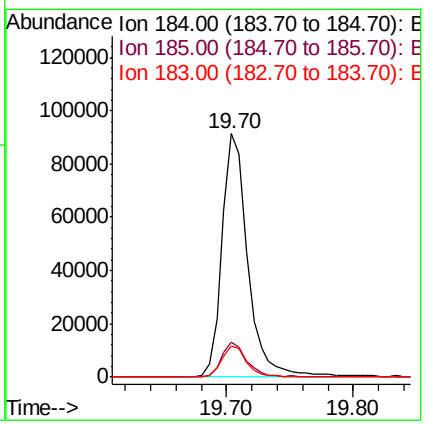


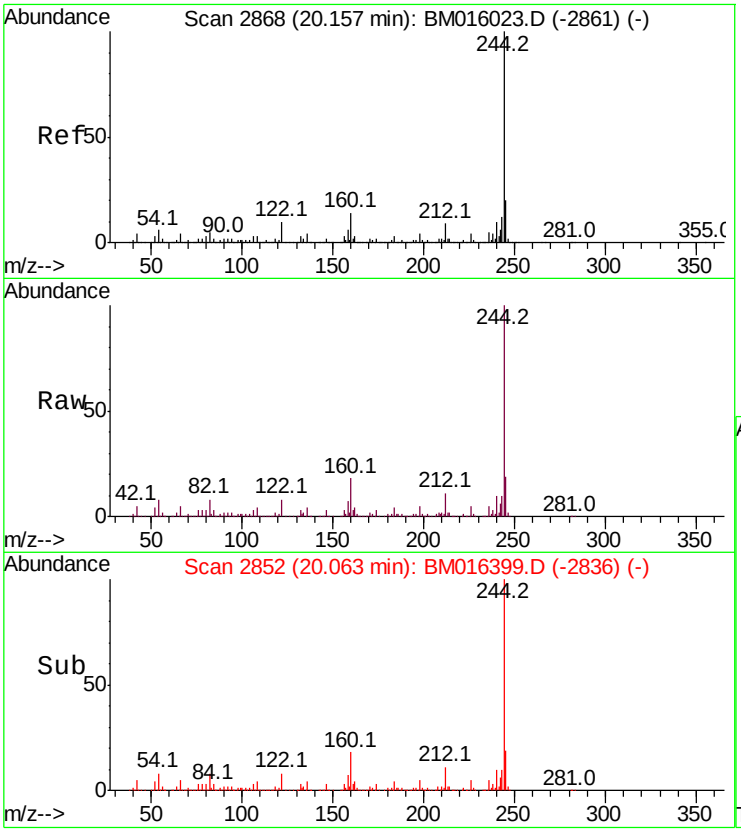


#76
Benzidine
Concen: 51.828 ng
RT: 19.70 min Scan# 2791
Delta R.T. -0.01 min
Lab File: BM016399.D
Acq: 16 Aug 2018 03:48

Tgt Ion:184 Resp: 129285

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.3	16.9
183	12.9	8.9	13.3



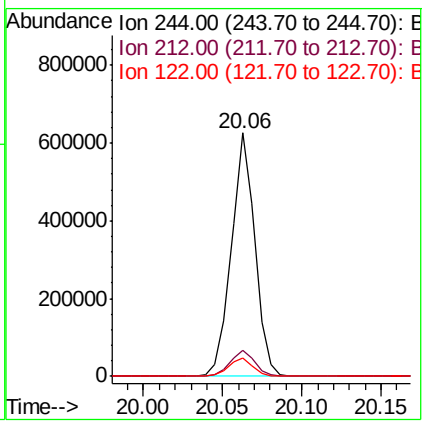


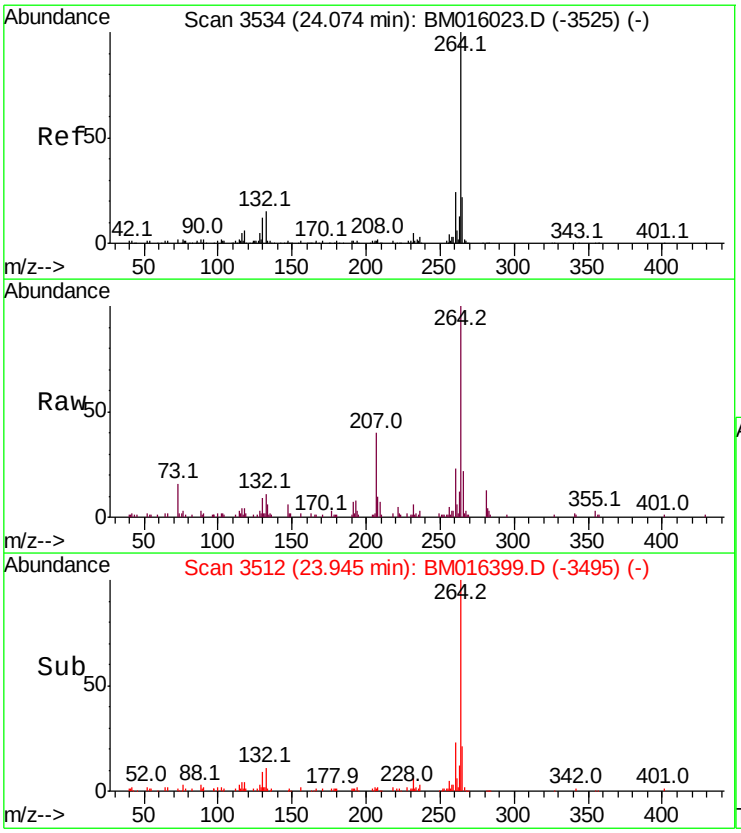
#78
Terphenyl-d14
Concen: N.D. ng
RT: 20.06 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BM016399.D
Acq: 16 Aug 2018 03:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 642125

Ion	Ratio	Lower	Upper
244	100		
212	10.5	4.9	7.3#
122	7.5	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.94 min Scan# 3512
Delta R.T. 0.00 min
Lab File: BM016399.D
Acq: 16 Aug 2018 03:48

Tgt Ion:264 Resp: 92823

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	22.4	17.3	25.9