Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016269.D
Acq On : 09 Aug 2018 04:39
Operator : SJ/JU
Sample : J4328-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-24

Quant Time: Aug 09 06:01:47 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 08 16:23:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	40976	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	150804	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	76933	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	162102	20.00	ng	0.00
75) Chrysene-d12	21.63	240	169697	20.00	ng	0.00
86) Perylene-d12	23.97	264	179533	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	136348	55.27	ng	0.00
7) Phenol-d6	7.30	99	96197	29.86	ng	0.00
23) Nitrobenzene-d5	9.32	82	297773	91.84	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	129676	132.90	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	559885	88.55	ng	0.00
78) Terphenyl-d14	20.09	244	848860	104.71	ng	0.00
Target Compounds						Qvalue
13) 1,4-Dichlorobenzene	8.17	146	7030	2.020	ng	93
51) Acenaphthene	14.83	154	15771	3.244	ng	94

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

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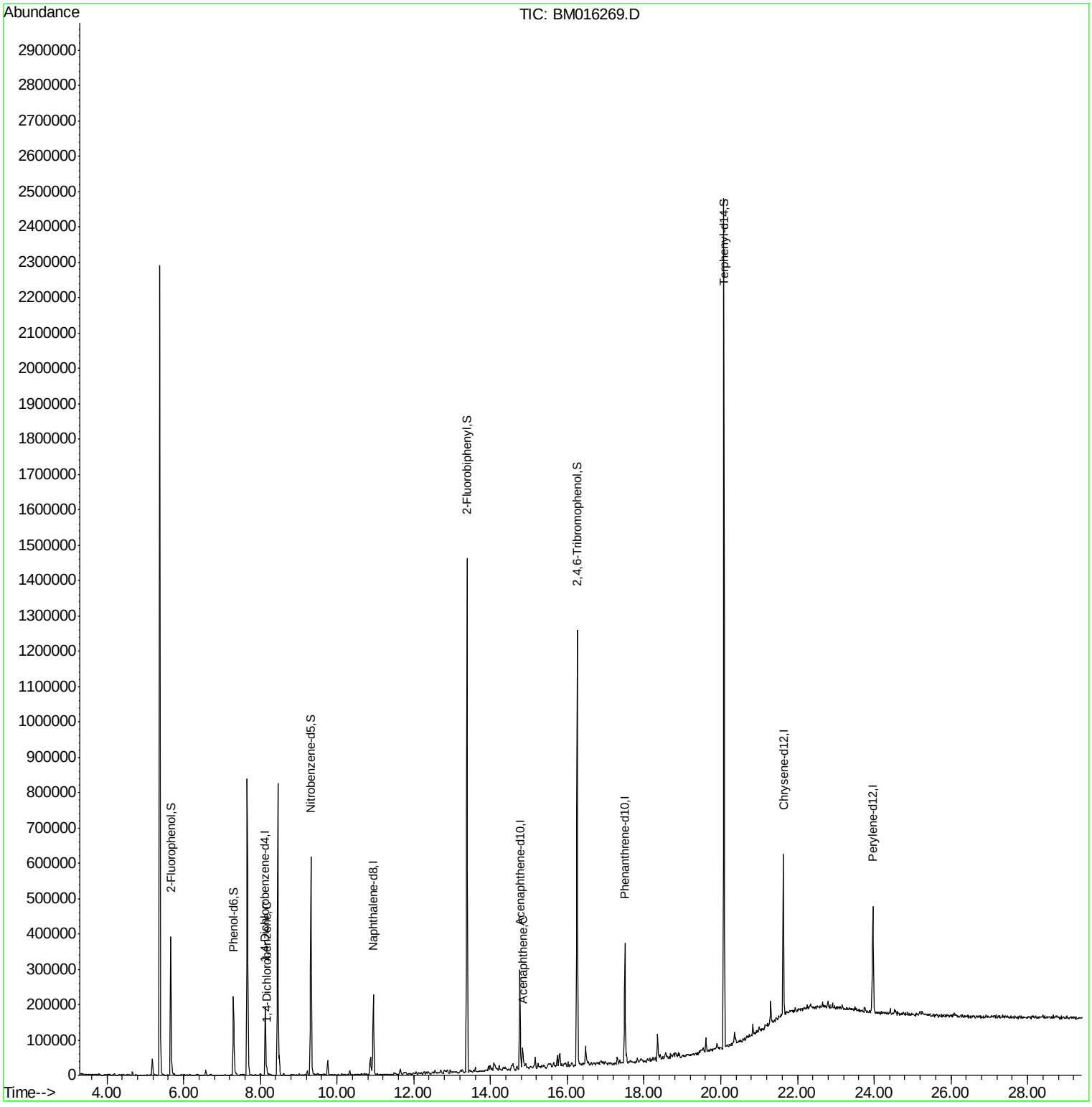
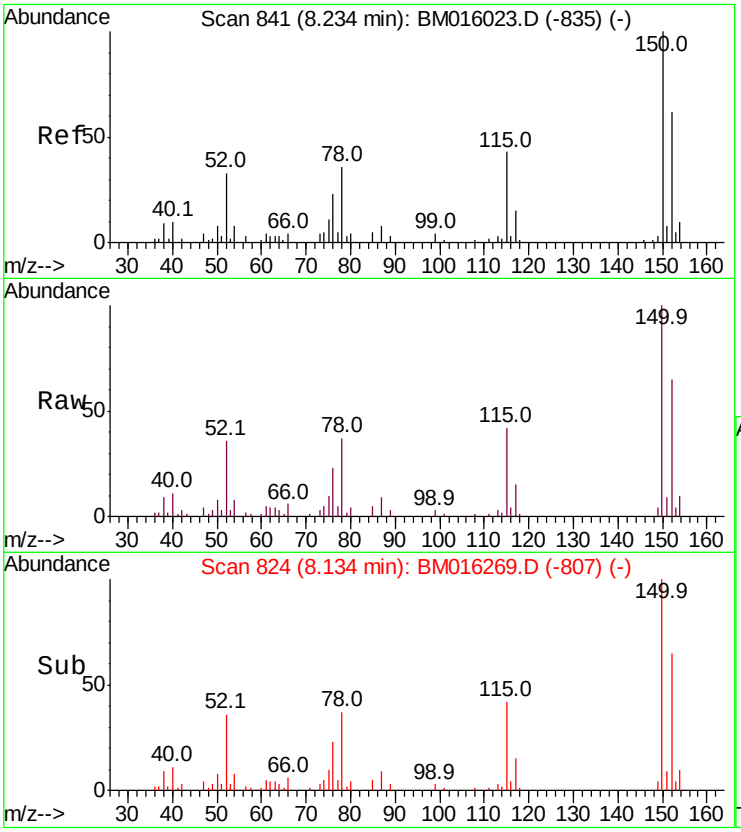


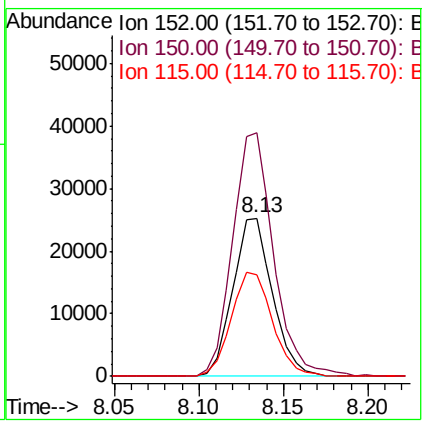


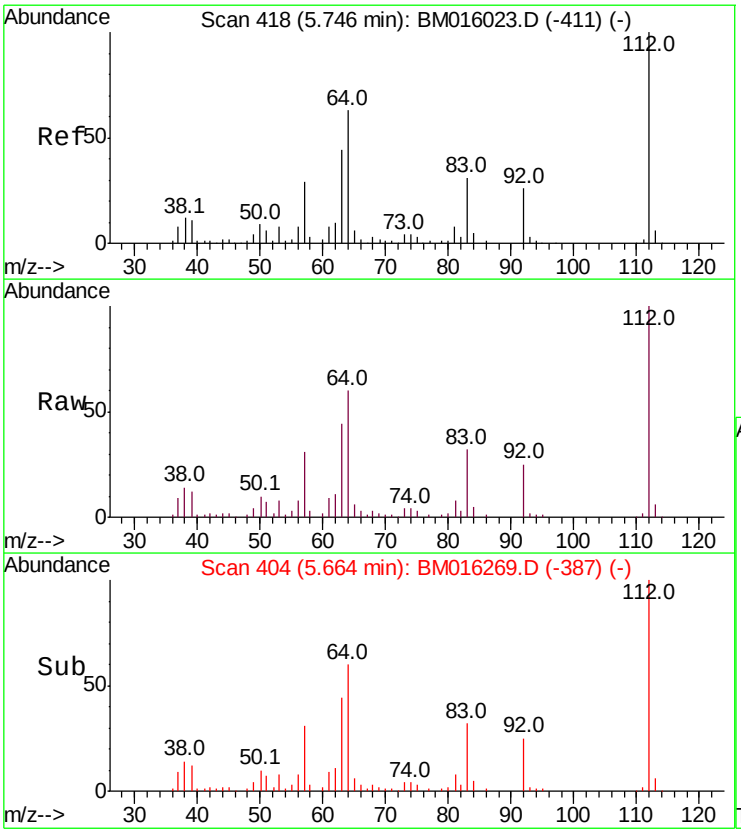
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM016269.D
Acq: 09 Aug 2018 04:39

Instrument :
BNA_M
ClientSampleId :
MW-24

Tgt Ion:152 Resp: 40976

Ion	Ratio	Lower	Upper
152	100		
150	154.0	119.5	179.3
115	64.5	43.0	64.4#

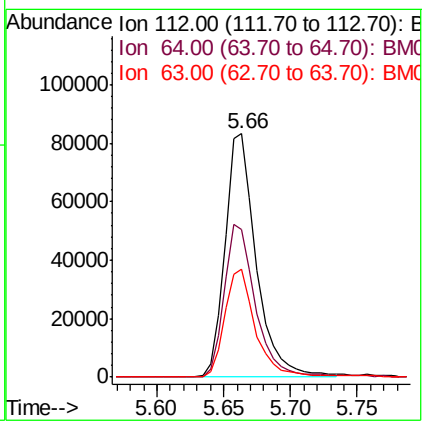


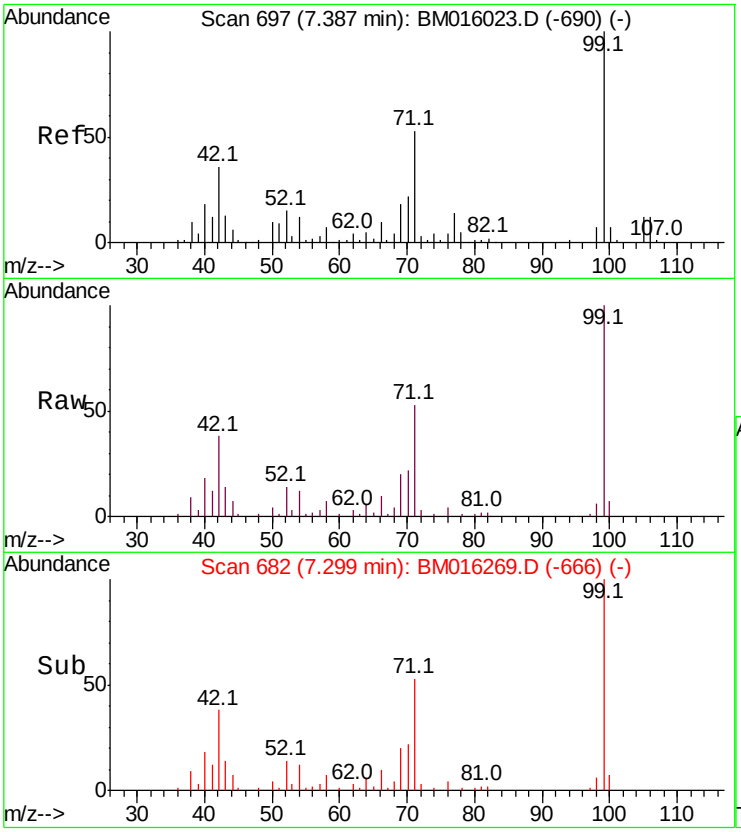


#5
2-Fluorophenol
Concen: Below ng
RT: 5.66 min Scan# 404
Delta R.T. 0.00 min
Lab File: BM016269.D
Acq: 09 Aug 2018 04:39

Tgt Ion:112 Resp: 136348

Ion	Ratio	Lower	Upper
112	100		
64	60.4	38.6	57.8#
63	44.4	19.3	28.9#



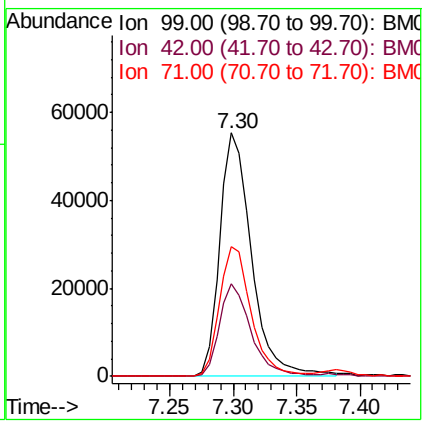


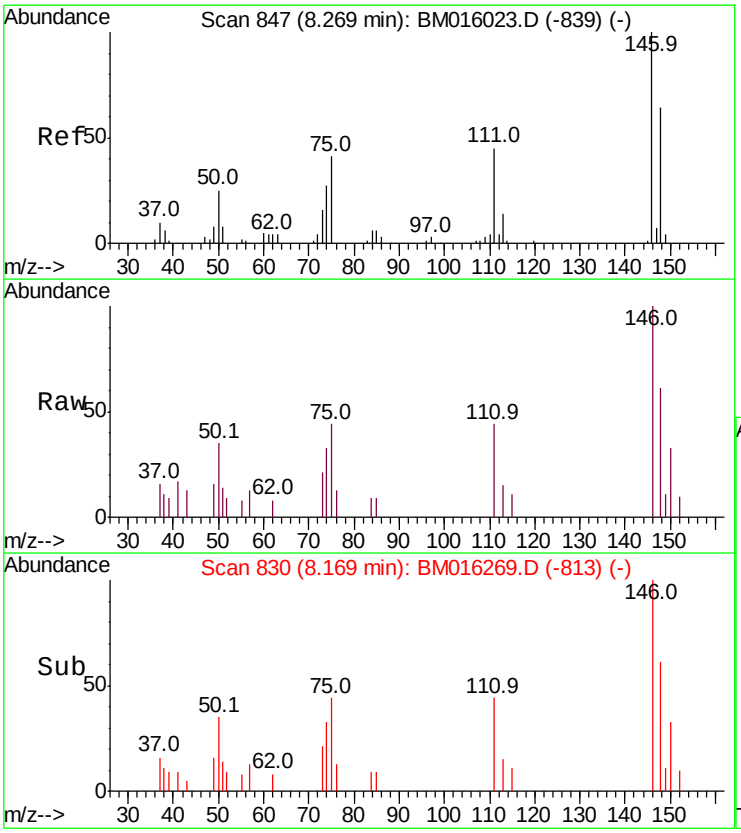
#7
Phenol-d6
Concen: Below ng
RT: 7.30 min Scan# 682
Delta R.T. -0.01 min
Lab File: BM016269.D
Acq: 09 Aug 2018 04:39

Instrument :
BNA_M
ClientSampleId :
MW-24

Tgt Ion: 99 Resp: 96197

Ion	Ratio	Lower	Upper
99	100		
42	38.2	11.0	16.4#
71	53.2	23.4	35.2#

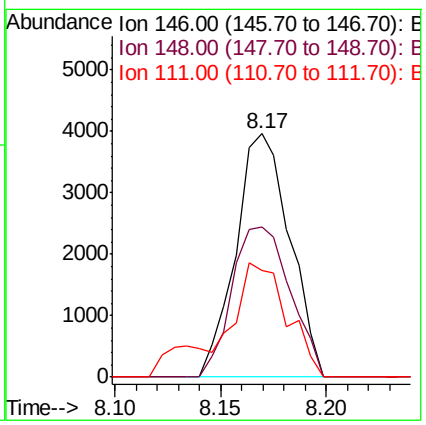


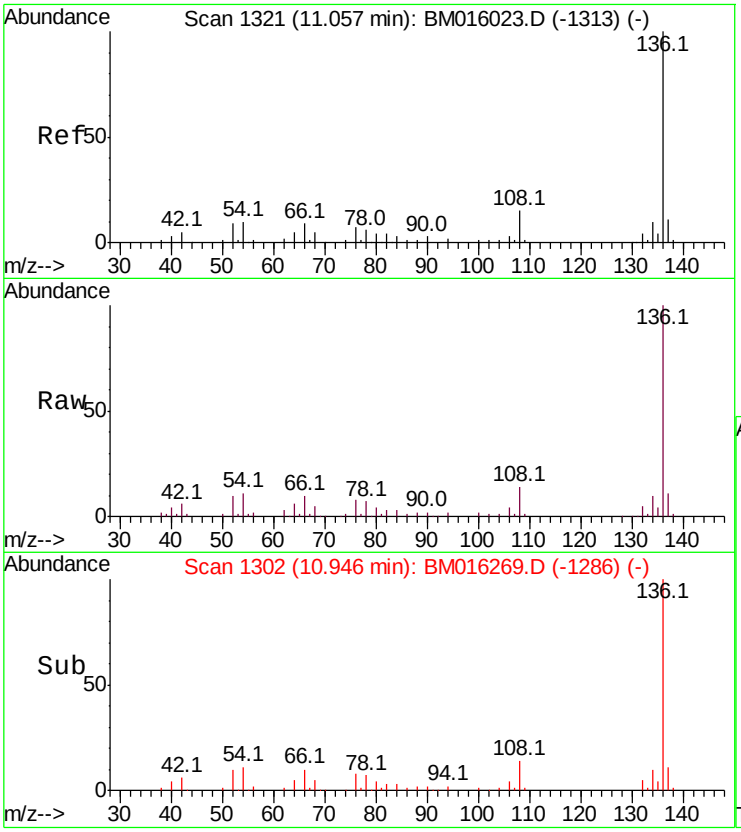


#13
1,4-Dichlorobenzene
Concen: 2.020 ng
RT: 8.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BM016269.D
Acq: 09 Aug 2018 04:39

Tgt Ion:146 Resp: 7030

Ion	Ratio	Lower	Upper
146	100		
148	61.5	51.9	77.9
111	43.6	29.2	43.8



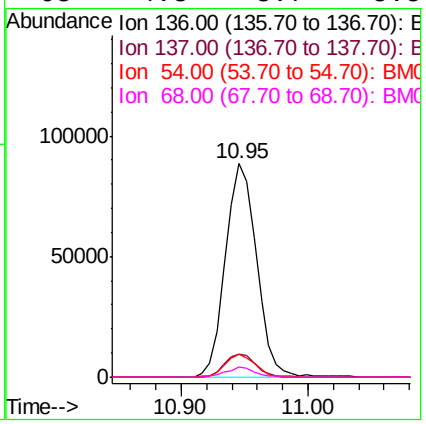


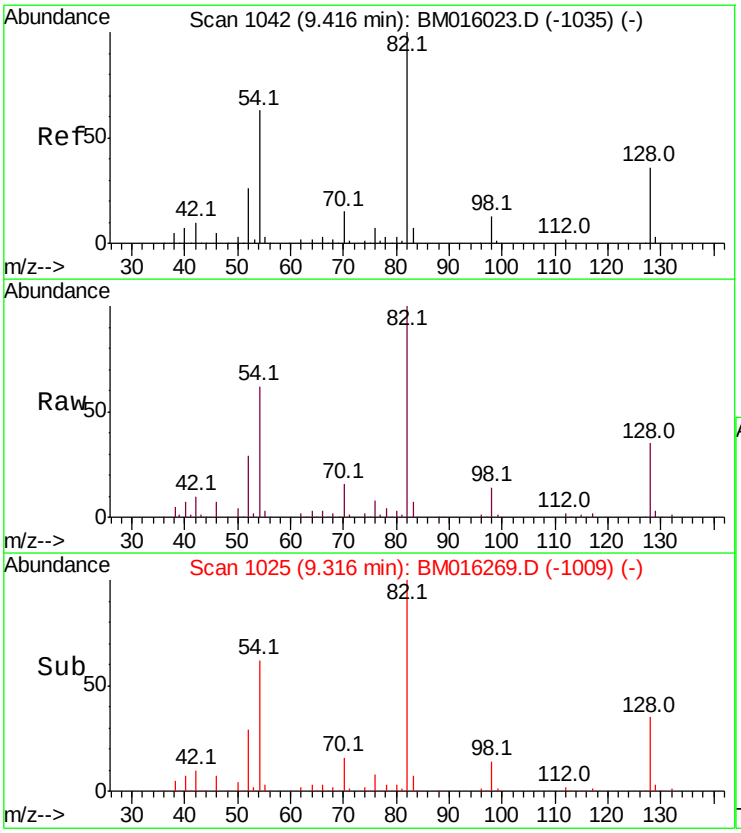
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM016269.D
Acq: 09 Aug 2018 04:39

Instrument :
BNA_M
ClientSampleId :
MW-24

Tgt Ion:136 Resp: 150804

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	10.6	4.6	6.8#
68	4.8	3.7	5.5

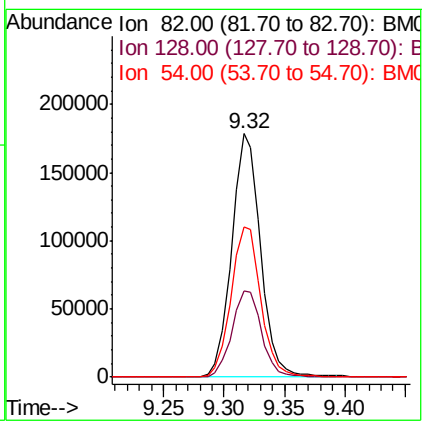


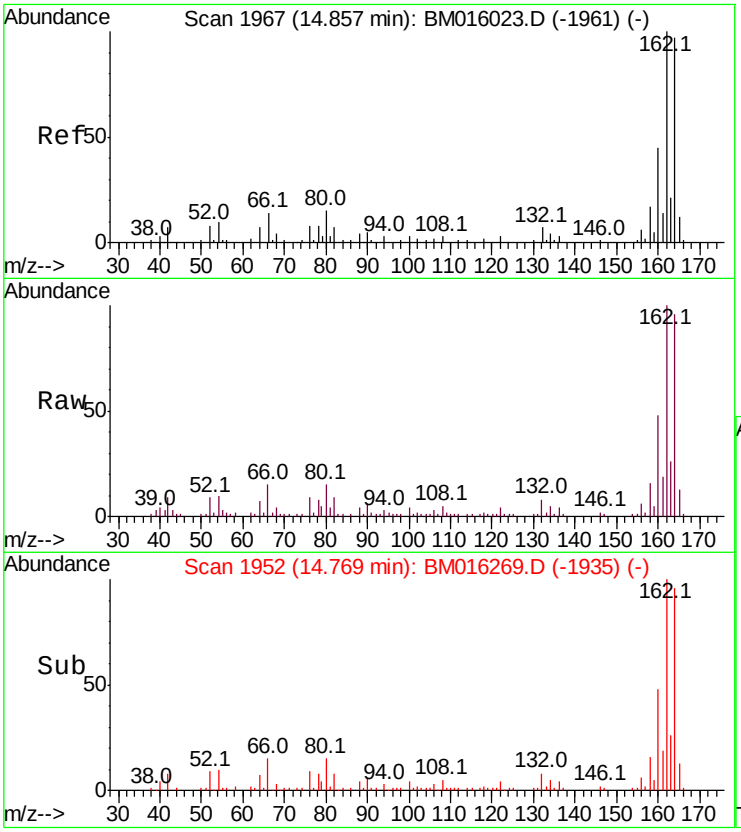


#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BM016269.D
Acq: 09 Aug 2018 04:39

Tgt Ion: 82 Resp: 297773

Ion	Ratio	Lower	Upper
82	100		
128	35.5	32.8	49.2
54	61.6	40.6	60.8#



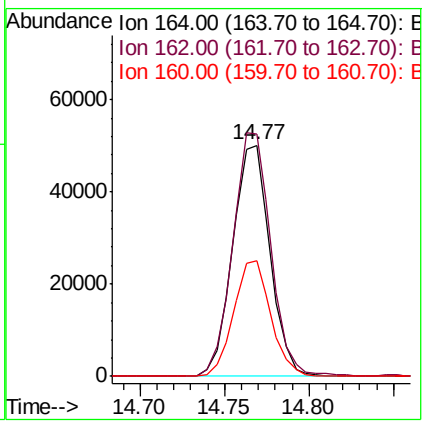


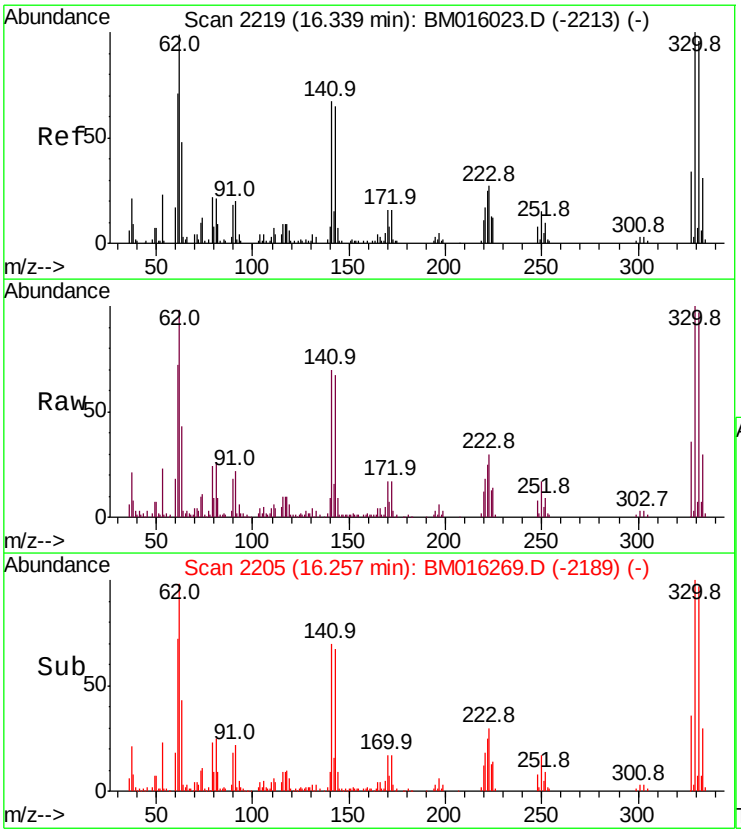
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BM016269.D
Acq: 09 Aug 2018 04:39

Instrument :
BNA_M
ClientSampleId :
MW-24

Tgt Ion:164 Resp: 76933

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.4	123.6
160	50.3	35.8	53.6

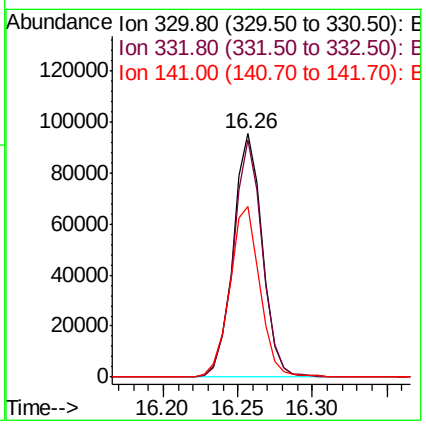


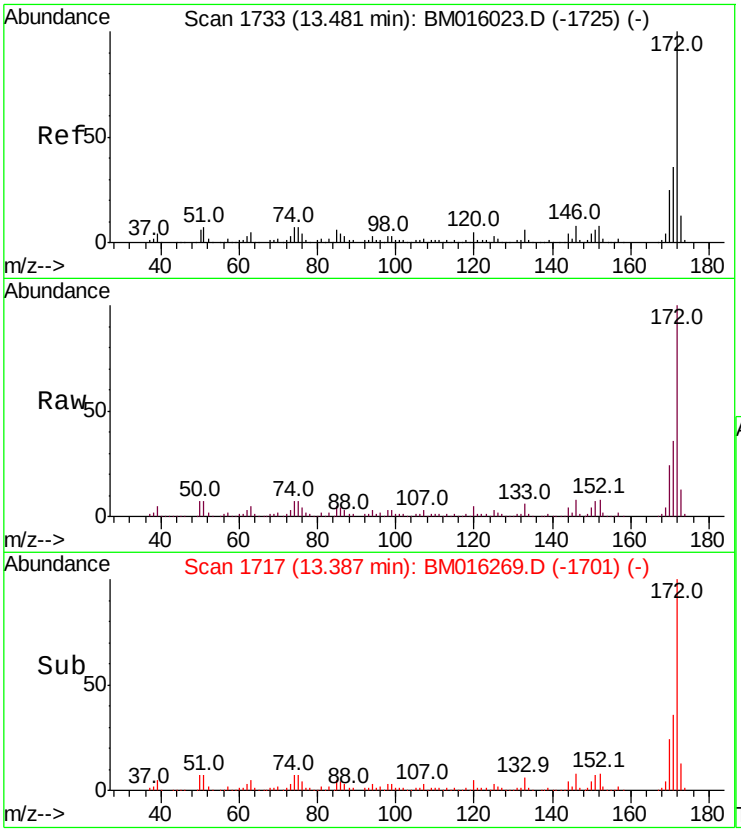


#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.26 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BM016269.D
Acq: 09 Aug 2018 04:39

Tgt Ion:330 Resp: 129676

Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	72.6	0.0	0.0#



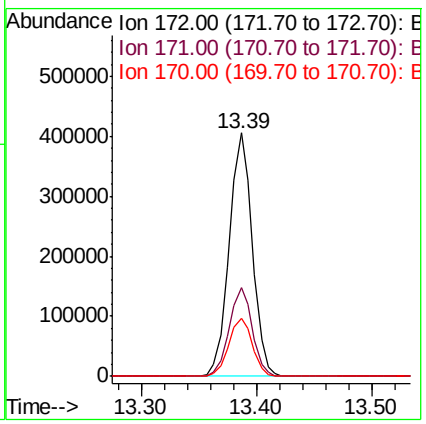


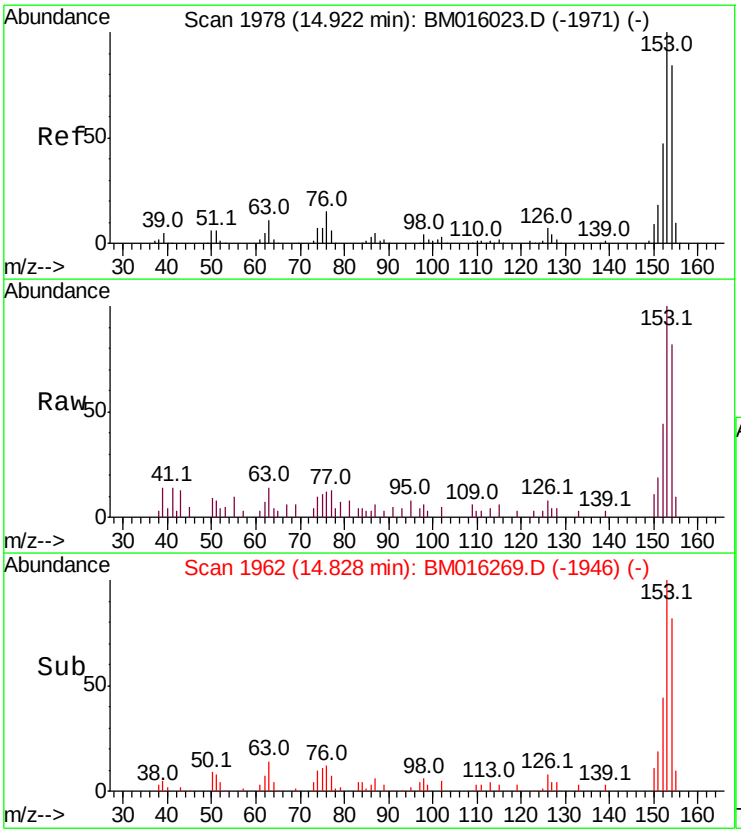
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.39 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM016269.D
Acq: 09 Aug 2018 04:39

Instrument :
BNA_M
ClientSampleId :
MW-24

Tgt Ion:172 Resp: 559885

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.5	42.7
170	23.8	18.8	28.2

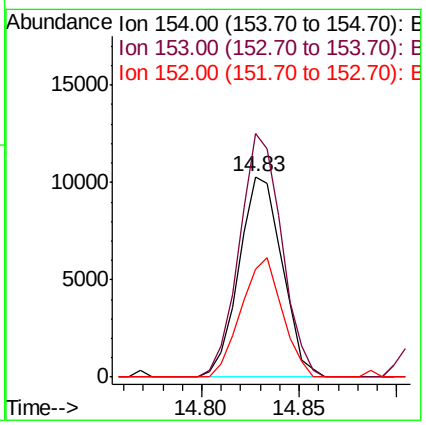


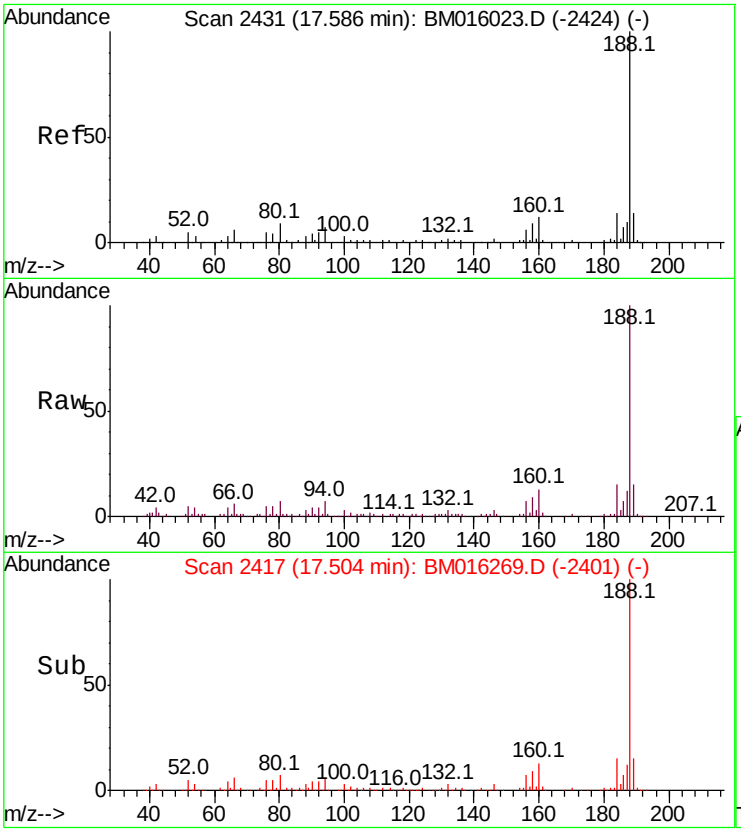


#51
Acenaphthene
Concen: 3.244 ng
RT: 14.83 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM016269.D
Acq: 09 Aug 2018 04:39

Tgt Ion:154 Resp: 15771

Ion	Ratio	Lower	Upper
154	100		
153	121.4	90.0	135.0
152	53.6	42.6	63.8



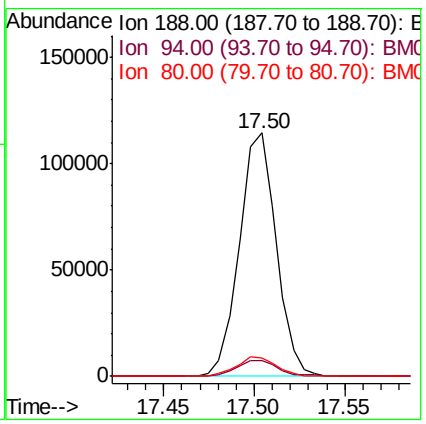


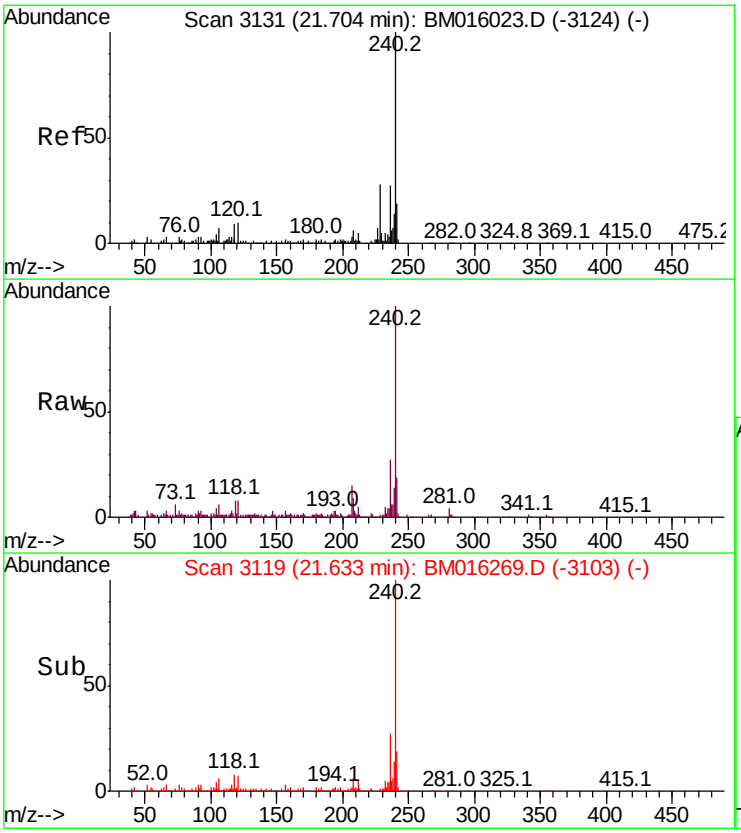
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM016269.D
Acq: 09 Aug 2018 04:39

Instrument :
BNA_M
ClientSampleId :
MW-24

Tgt Ion:188 Resp: 162102

Ion	Ratio	Lower	Upper
188	100		
94	6.6	8.7	13.1#
80	7.5	9.3	13.9#

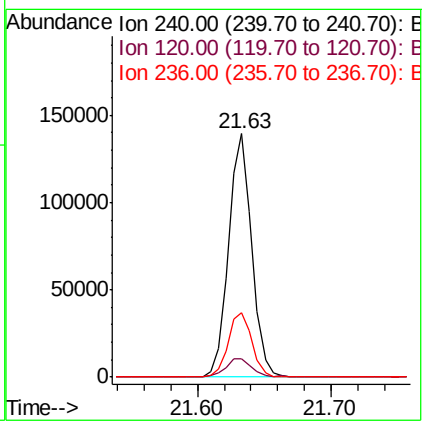


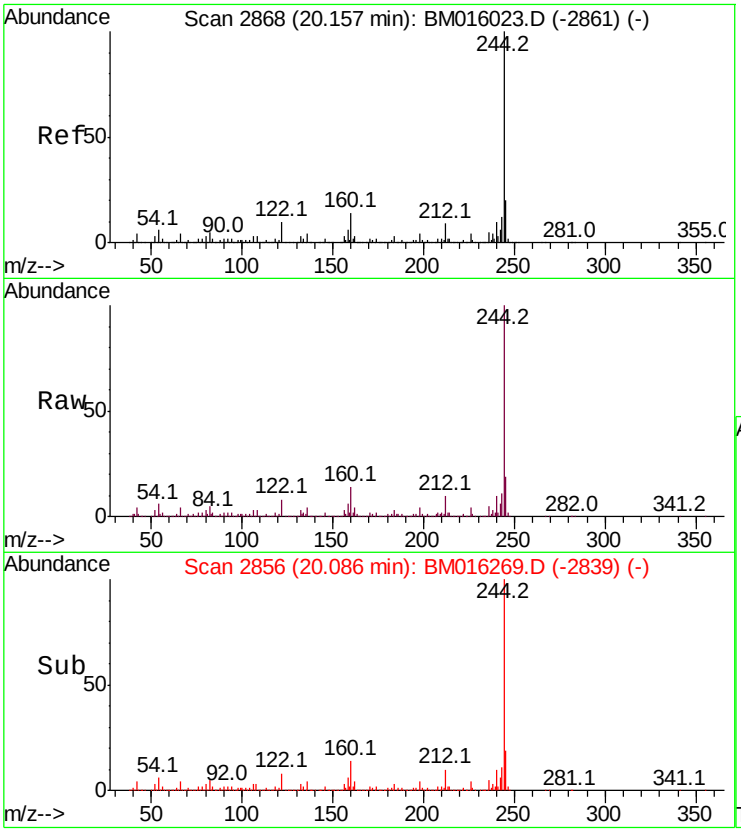


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM016269.D
Acq: 09 Aug 2018 04:39

Tgt Ion:240 Resp: 169697

Ion	Ratio	Lower	Upper
240	100		
120	7.7	8.2	12.2#
236	26.7	20.0	30.0



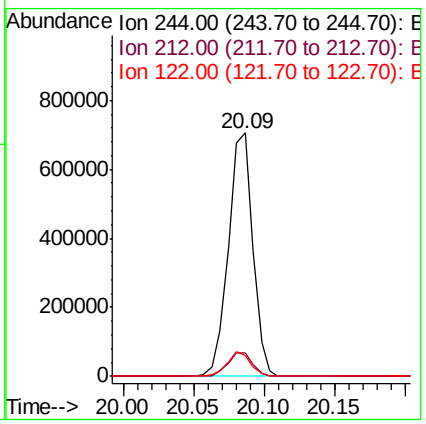


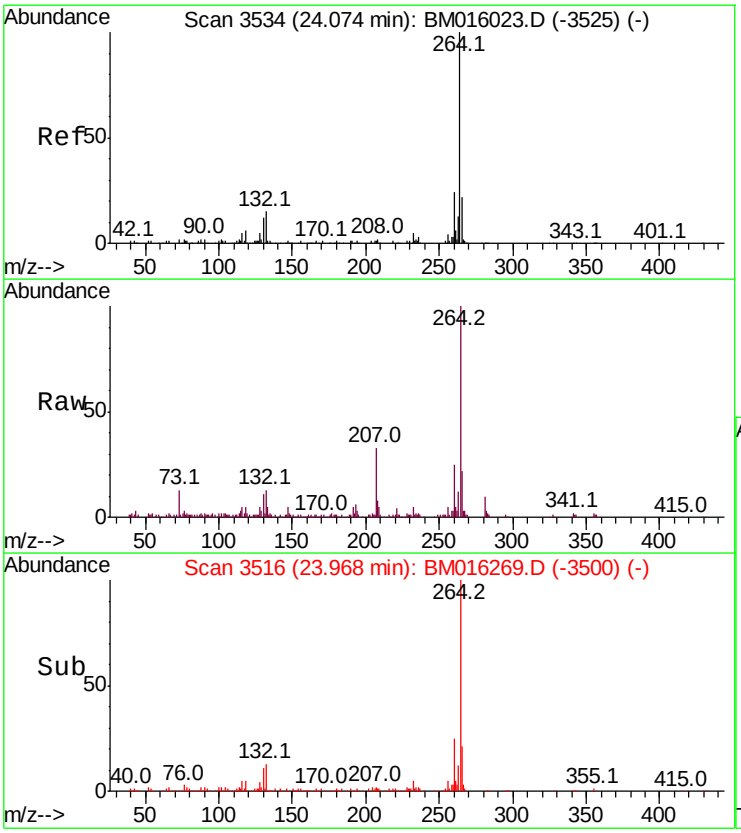
#78
Terphenyl-d14
Concen: Below ng
RT: 20.09 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BM016269.D
Acq: 09 Aug 2018 04:39

Instrument :
BNA_M
ClientSampleId :
MW-24

Tgt Ion:244 Resp: 848860

Ion	Ratio	Lower	Upper
244	100		
212	9.6	4.9	7.3#
122	8.4	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.97 min Scan# 3516
Delta R.T. -0.01 min
Lab File: BM016269.D
Acq: 09 Aug 2018 04:39

Tgt Ion:264 Resp: 179533

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	27.8
265	21.8	17.3	25.9