Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080918\
Data File : BM016279.D
Acq On : 09 Aug 2018 13:37
Operator : SJ/JU
Sample : J4356-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-12

Quant Time: Aug 10 04:04:38 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	45051	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	164608	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	89196	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	166498	20.00	ng	0.00
75) Chrysene-d12	21.64	240	174058	20.00	ng	0.00
86) Perylene-d12	23.97	264	186508	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	172777	63.71	ng	0.00
7) Phenol-d6	7.31	99	122576	34.61	ng	0.00
23) Nitrobenzene-d5	9.32	82	375635	106.14	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	174874	154.58	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	747180	101.92	ng	0.00
78) Terphenyl-d14	20.09	244	984323	118.38	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	14586	11.479	ng	# 100
49) Dimethylphthalate	14.22	163	30148	3.862	ng	# 94

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

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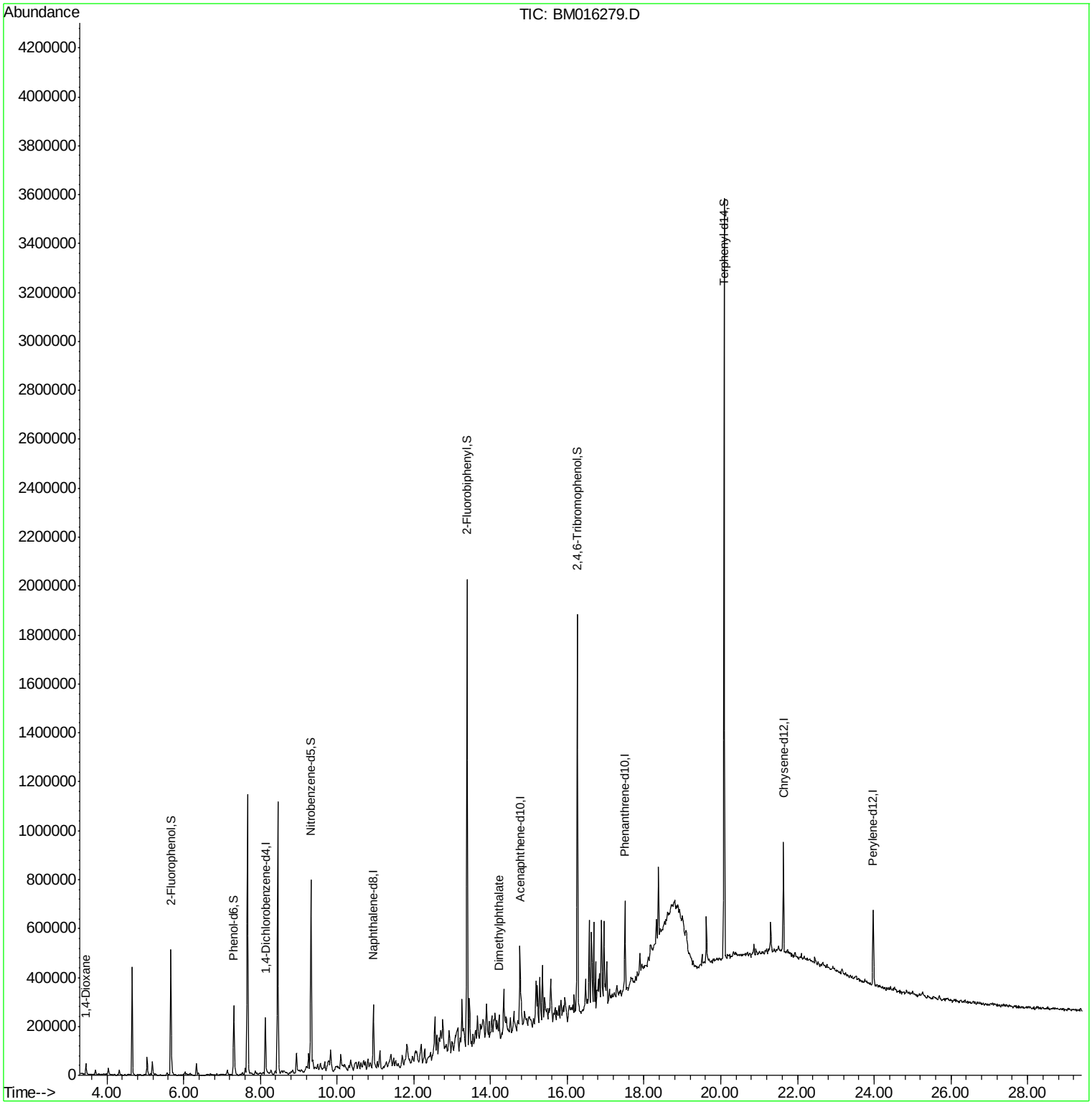
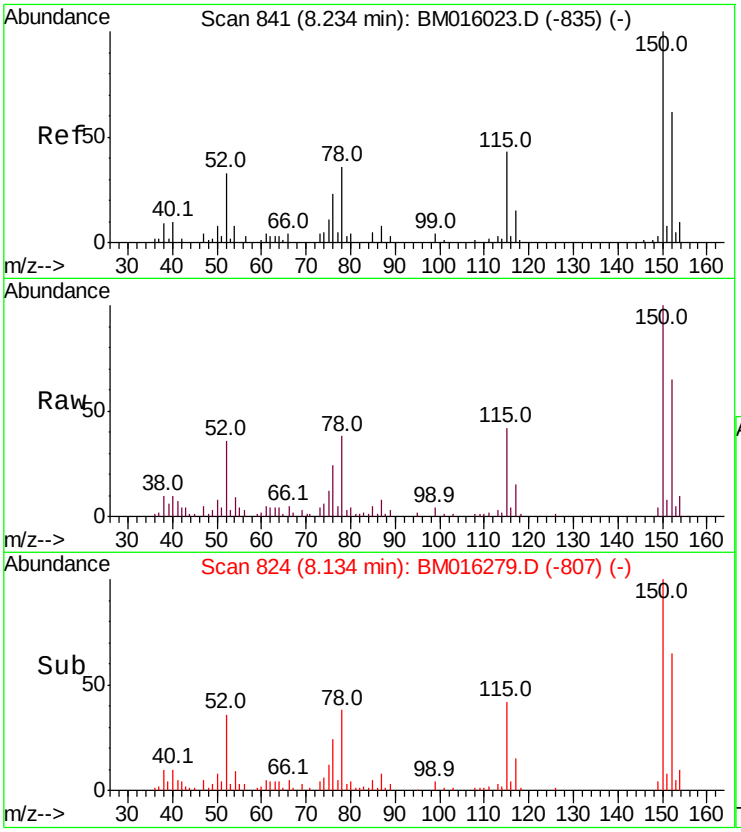


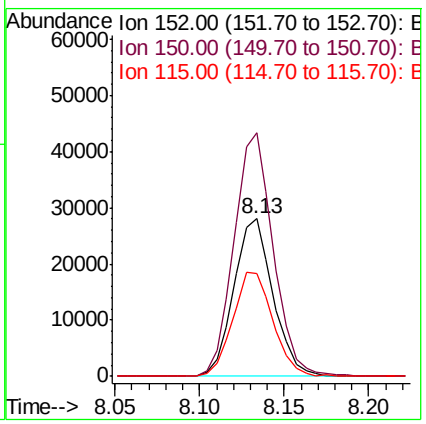


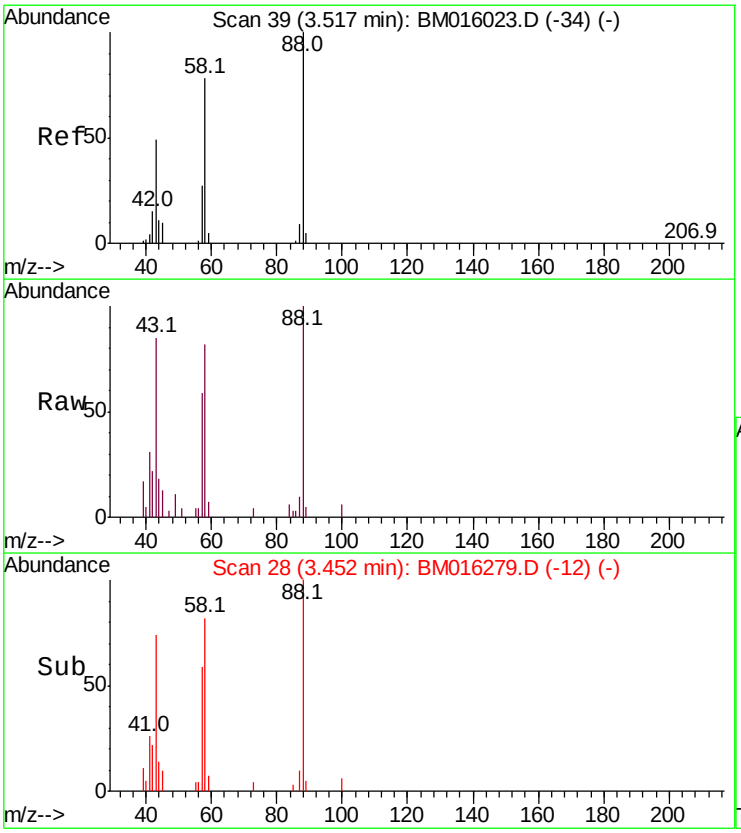
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM016279.D
Acq: 09 Aug 2018 13:37

Instrument :
BNA_M
ClientSampleId :
MW-12

Tgt Ion:152 Resp: 45051

Ion	Ratio	Lower	Upper
152	100		
150	154.4	119.5	179.3
115	65.2	43.0	64.4#

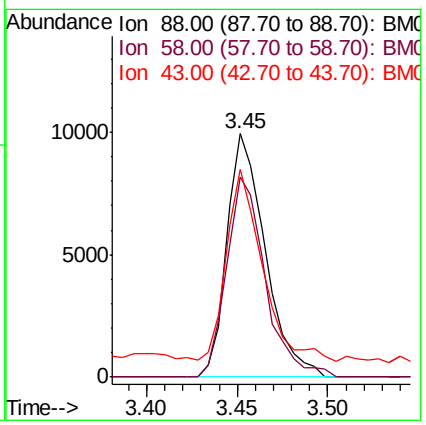


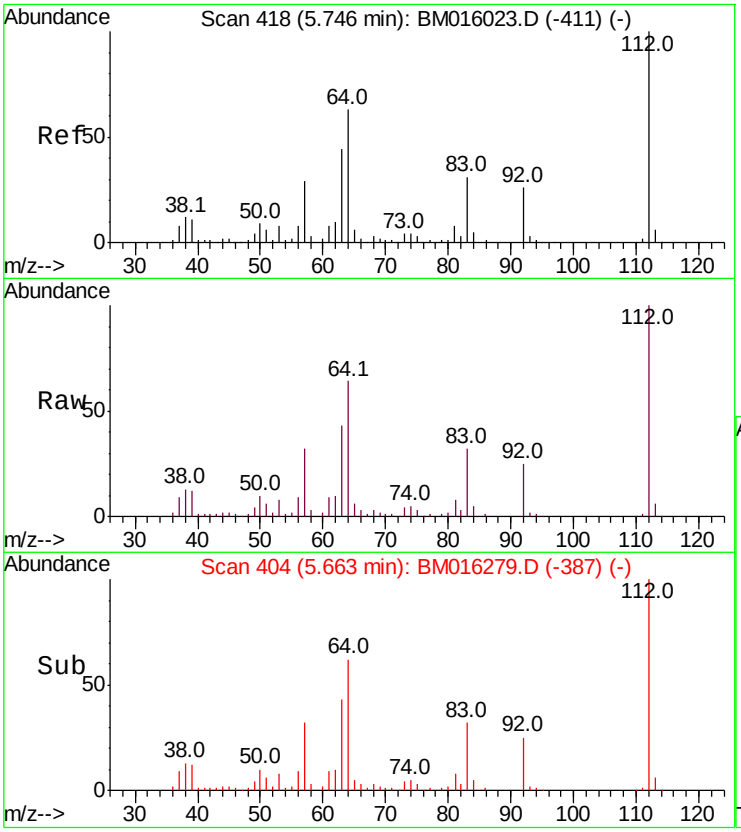


#2
1,4-Dioxane
Concen: 11.479 ng
RT: 3.45 min Scan# 28
Delta R.T. -0.01 min
Lab File: BM016279.D
Acq: 09 Aug 2018 13:37

Tgt Ion: 88 Resp: 14586

Ion	Ratio	Lower	Upper
88	100		
58	83.0	0.0	0.0#
43	74.4	0.0	0.0#



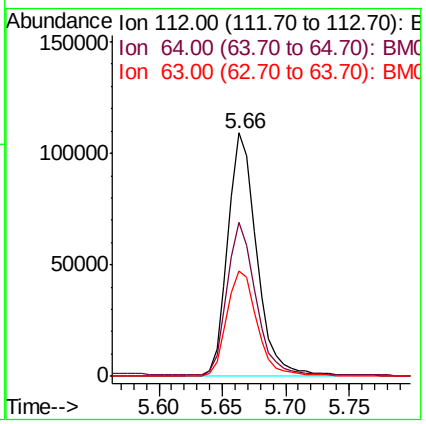


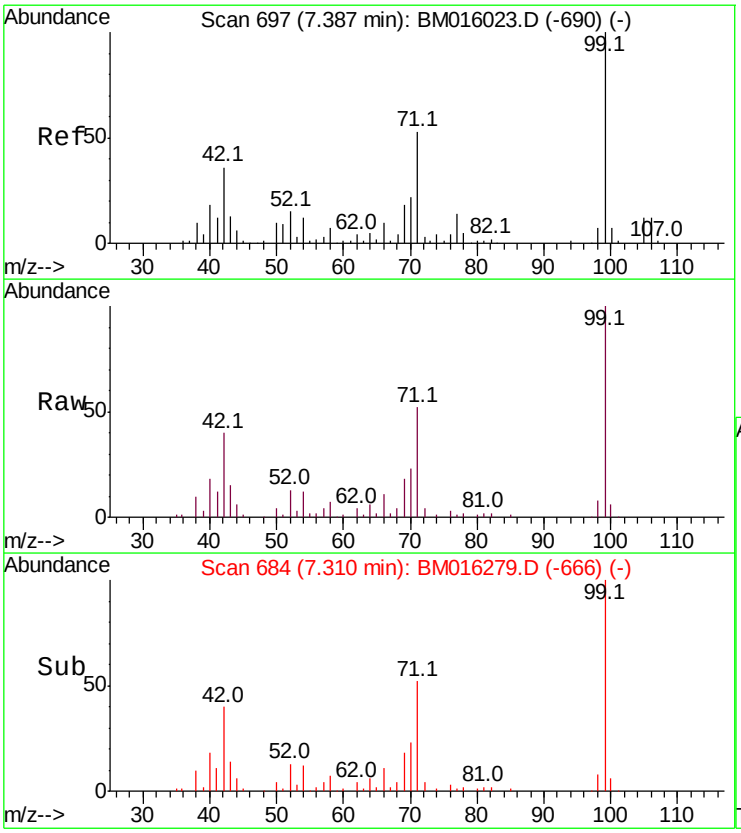
#5
2-Fluorophenol
Concen: Below ng
RT: 5.66 min Scan# 404
Delta R.T. 0.00 min
Lab File: BM016279.D
Acq: 09 Aug 2018 13:37

Instrument :
BNA_M
ClientSampleId :
MW-12

Tgt Ion:112 Resp: 172777

Ion	Ratio	Lower	Upper
112	100		
64	63.5	38.6	57.8#
63	43.4	19.3	28.9#

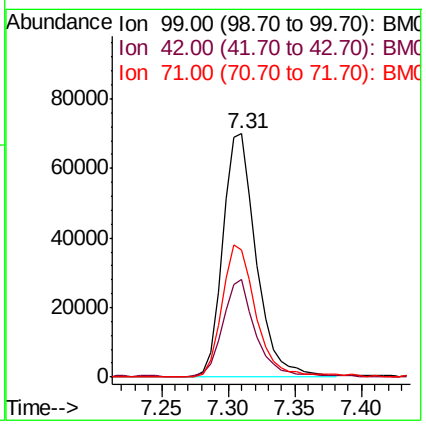


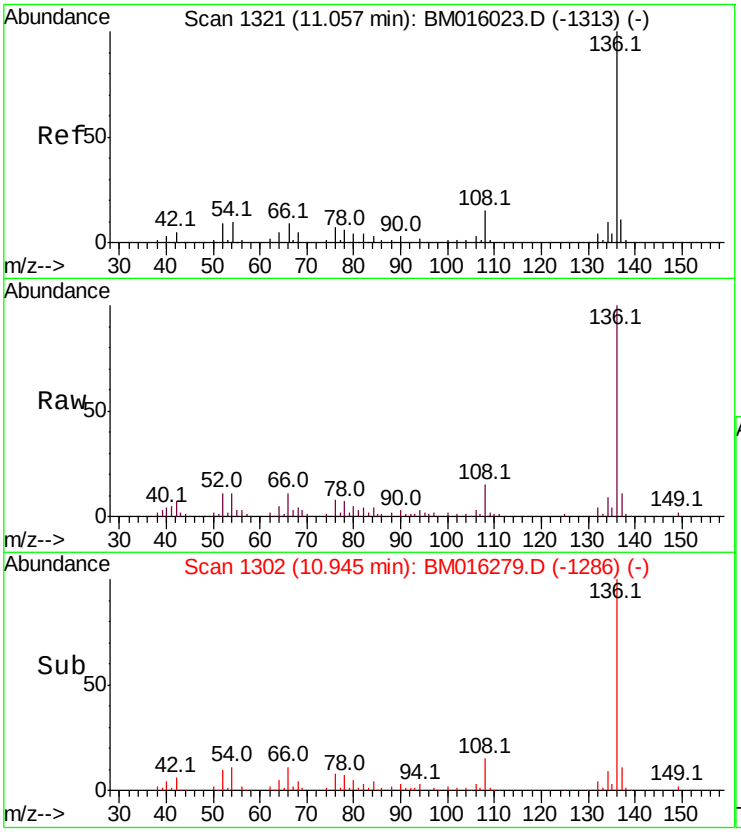


#7
Phenol-d6
Concen: N.D. ng
RT: 7.31 min Scan# 684
Delta R.T. 0.01 min
Lab File: BM016279.D
Acq: 09 Aug 2018 13:37

Tgt Ion: 99 Resp: 122576

Ion	Ratio	Lower	Upper
99	100		
42	40.1	11.0	16.4#
71	52.1	23.4	35.2#



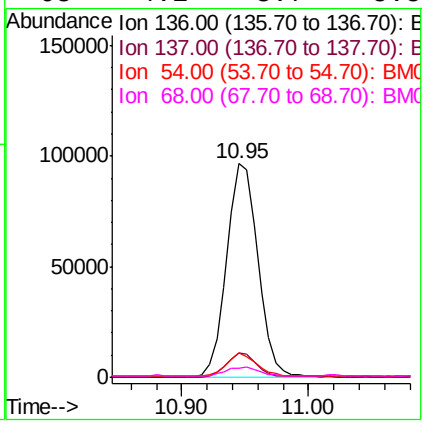


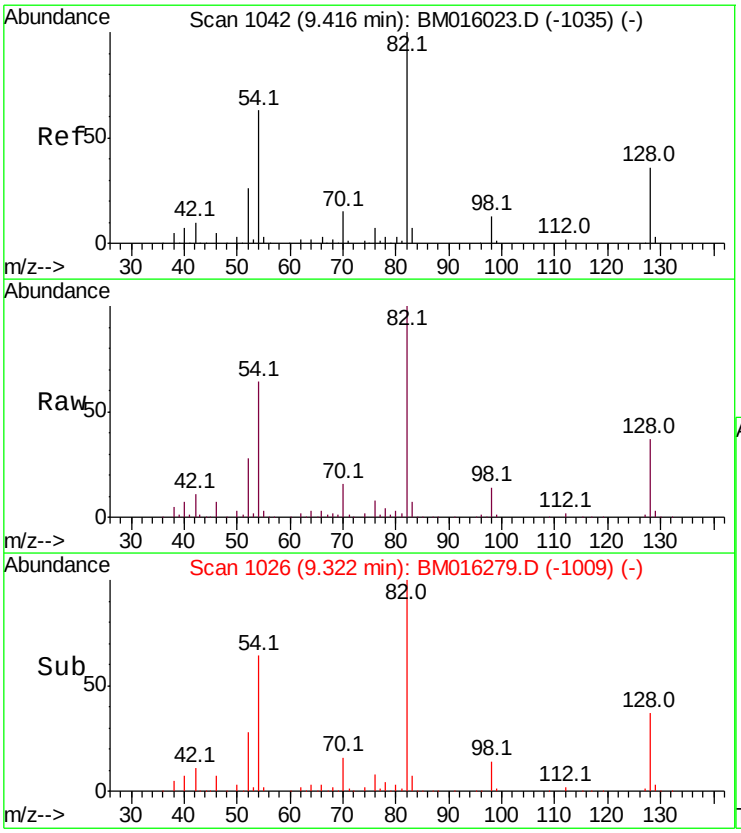
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM016279.D
Acq: 09 Aug 2018 13:37

Instrument :
BNA_M
ClientSampleId :
MW-12

Tgt Ion:136 Resp: 164608

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	11.2	4.6	6.8#
68	4.2	3.7	5.5

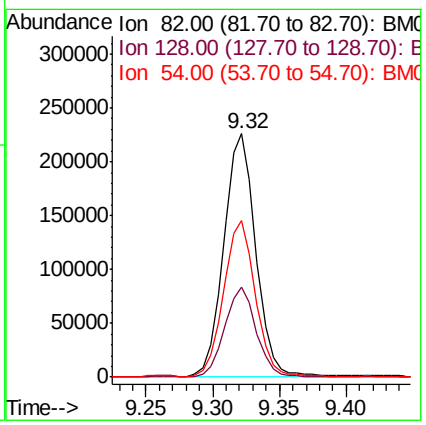


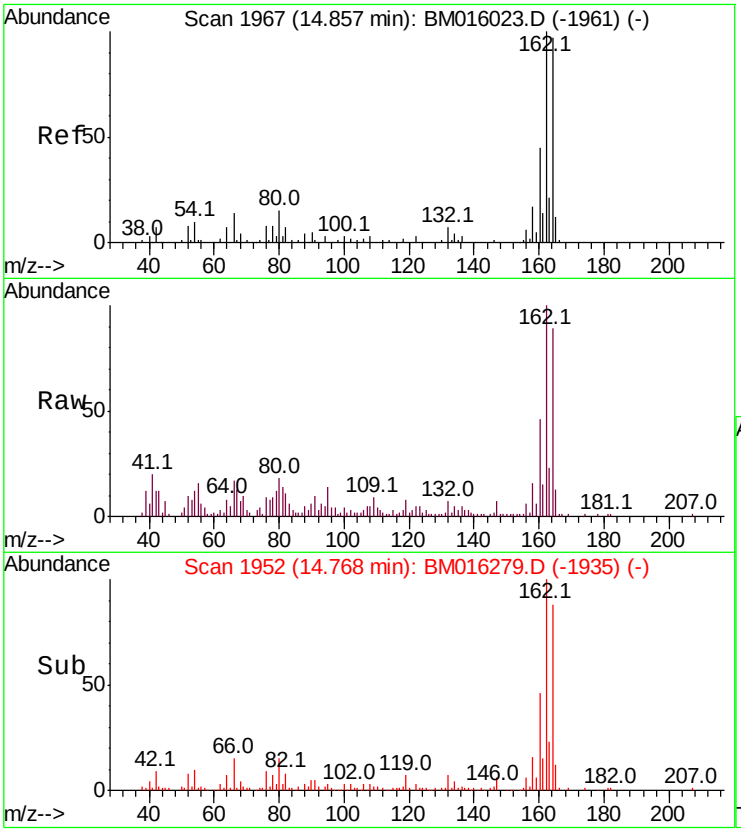


#23
Nitrobenzene-d5
Concen: Below ng
RT: 9.32 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BM016279.D
Acq: 09 Aug 2018 13:37

Tgt Ion: 82 Resp: 375635

Ion	Ratio	Lower	Upper
82	100		
128	37.1	32.8	49.2
54	64.3	40.6	60.8#



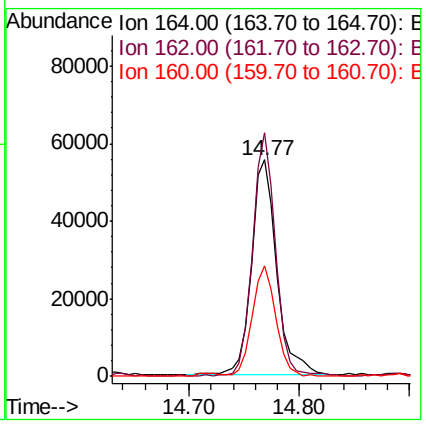


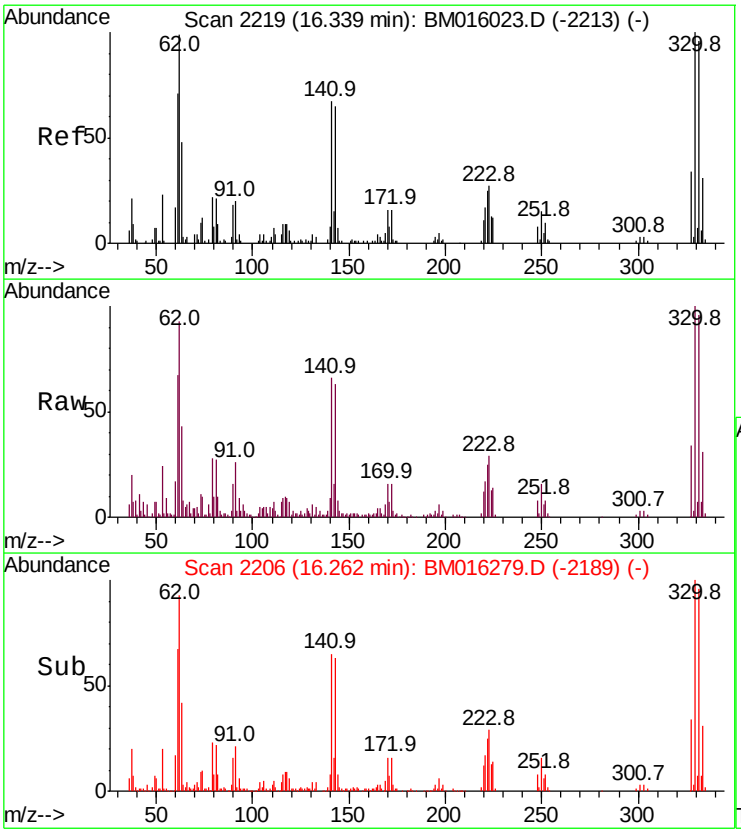
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BM016279.D
Acq: 09 Aug 2018 13:37

Instrument :
BNA_M
ClientSampleId :
MW-12

Tgt Ion:164 Resp: 89196

Ion	Ratio	Lower	Upper
164	100		
162	112.6	82.4	123.6
160	51.3	35.8	53.6

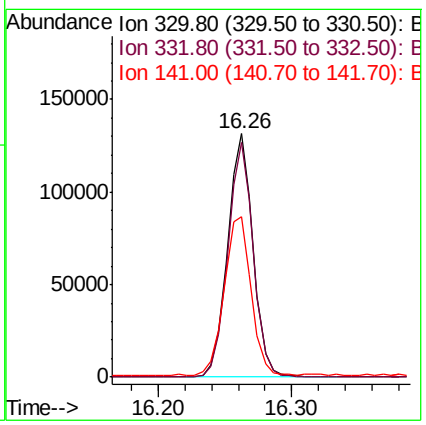


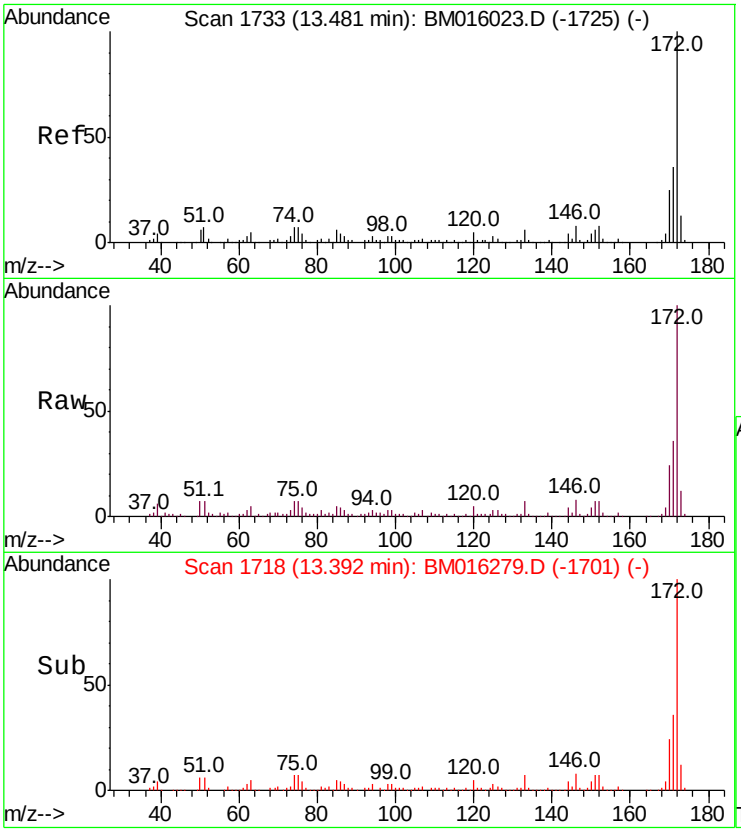


#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.26 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BM016279.D
Acq: 09 Aug 2018 13:37

Tgt Ion:330 Resp: 174874

Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	70.6	0.0	0.0#



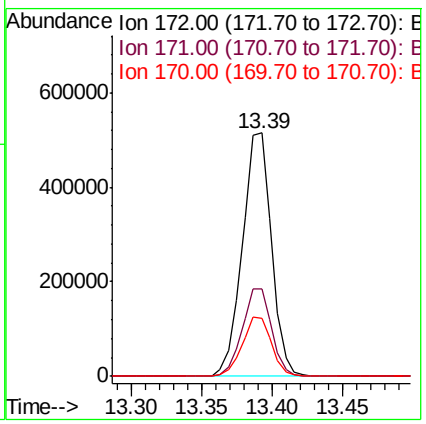


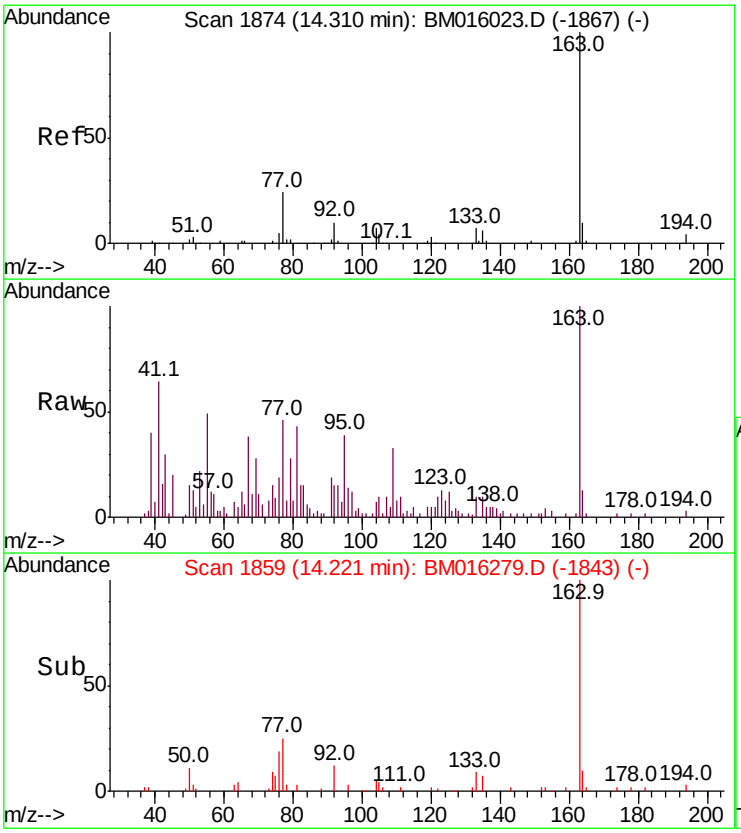
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.39 min Scan# 1718
Delta R.T. 0.00 min
Lab File: BM016279.D
Acq: 09 Aug 2018 13:37

Instrument :
BNA_M
ClientSampleId :
MW-12

Tgt Ion:172 Resp: 747180

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.7	18.8	28.2

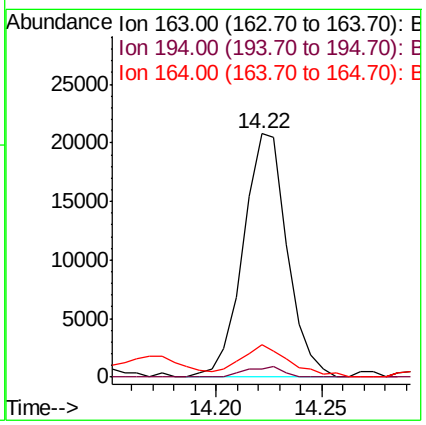


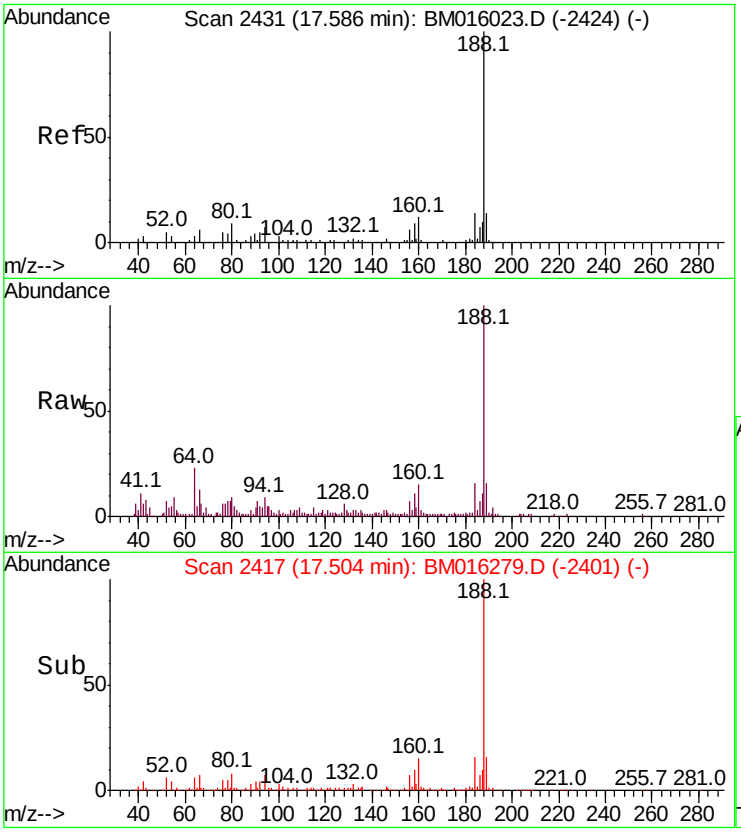


#49
Dimethylphthalate
Concen: 3.862 ng
RT: 14.22 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BM016279.D
Acq: 09 Aug 2018 13:37

Tgt Ion:163 Resp: 30148

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	13.4	8.2	12.2#



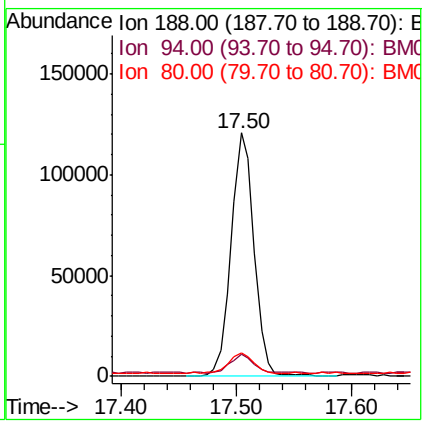


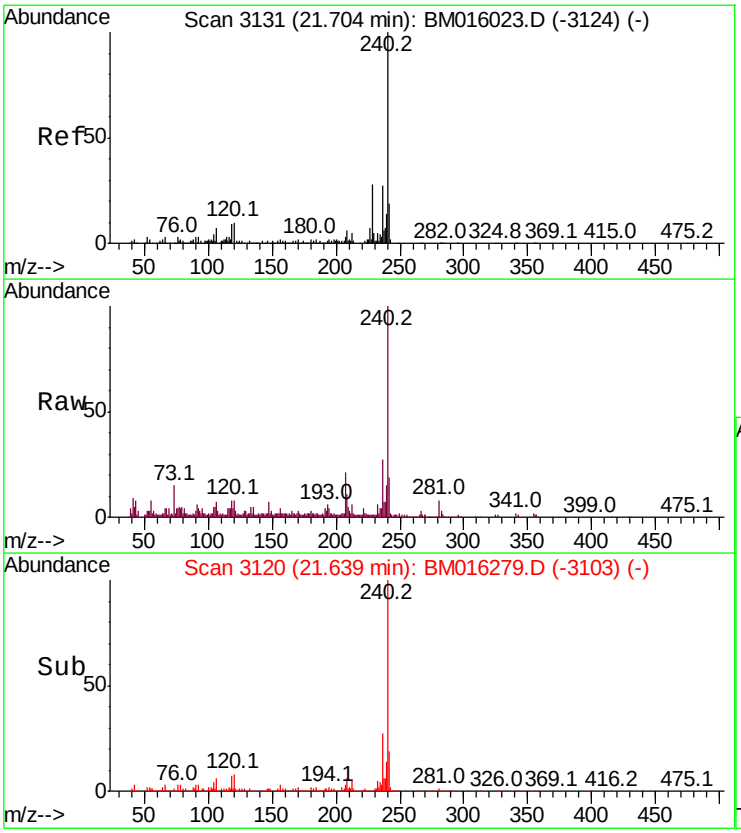
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM016279.D
Acq: 09 Aug 2018 13:37

Instrument :
BNA_M
ClientSampleId :
MW-12

Tgt Ion:188 Resp: 166498

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.7	13.1
80	9.4	9.3	13.9

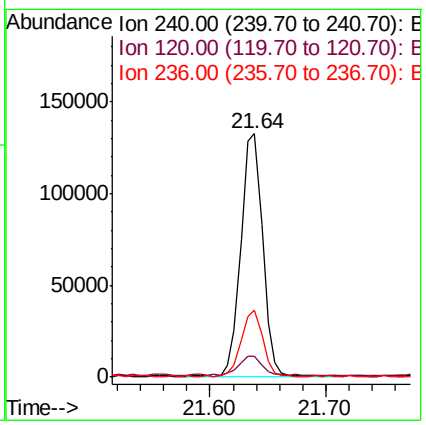


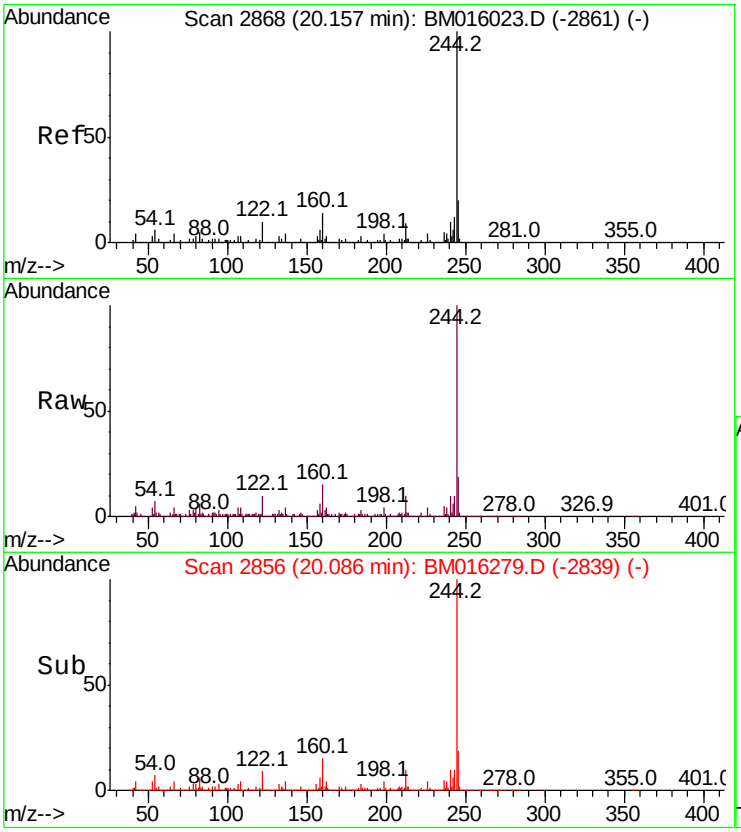


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3120
Delta R.T. 0.00 min
Lab File: BM016279.D
Acq: 09 Aug 2018 13:37

Tgt Ion:240 Resp: 174058

Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.2	12.2
236	27.4	20.0	30.0



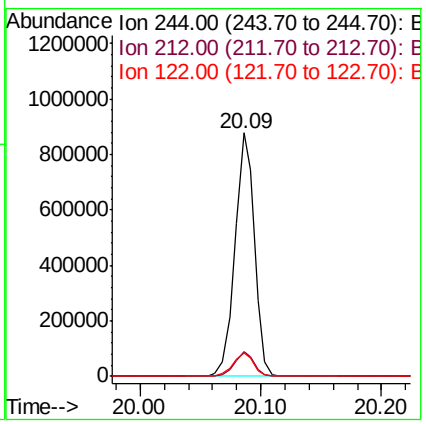


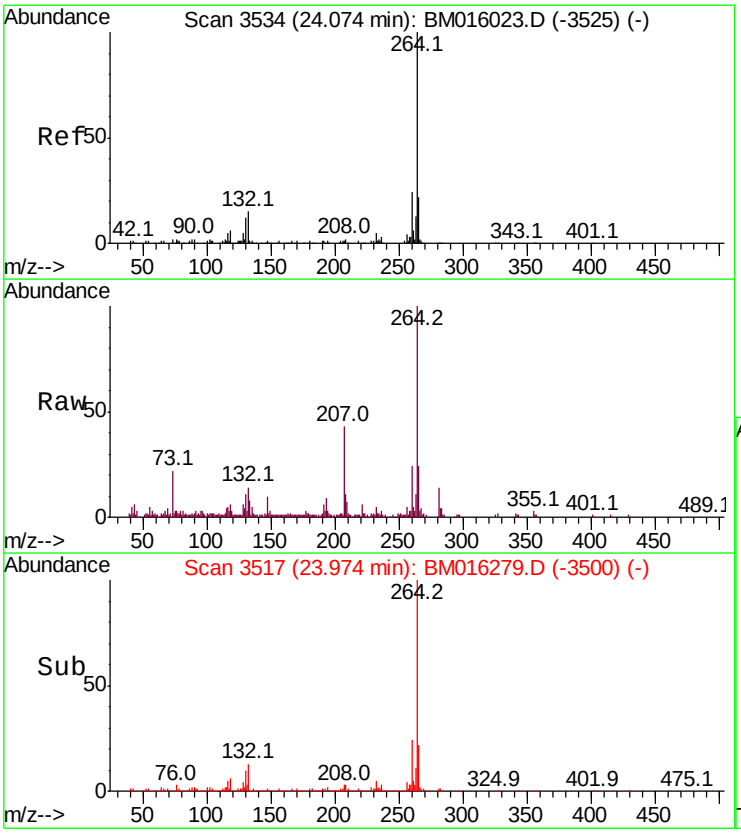
#78
Terphenyl-d14
Concen: Below ng
RT: 20.09 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BM016279.D
Acq: 09 Aug 2018 13:37

Instrument :
BNA_M
ClientSampleId :
MW-12

Tgt Ion:244 Resp: 984323

Ion	Ratio	Lower	Upper
244	100		
212	10.2	4.9	7.3#
122	9.6	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.97 min Scan# 3517
Delta R.T. 0.00 min
Lab File: BM016279.D
Acq: 09 Aug 2018 13:37

Tgt Ion:264 Resp: 186508

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	27.8
265	23.9	17.3	25.9