Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080918\
Data File : BM016275.D
Acq On : 09 Aug 2018 11:11
Operator : SJ/JU
Sample : J4304-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-A02

Quant Time: Aug 10 05:12:01 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	34713	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	127565	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	68514	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	131451	20.00	ng	0.00
75) Chrysene-d12	21.63	240	138714	20.00	ng	0.00
86) Perylene-d12	23.97	264	153335	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	145785	69.76	ng	0.00
7) Phenol-d6	7.30	99	106967	39.20	ng	0.00
23) Nitrobenzene-d5	9.32	82	284395	103.69	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	124858	143.68	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	560728	99.58	ng	0.00
78) Terphenyl-d14	20.08	244	721337	108.85	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.22	163	24584	4.100	ng	98

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

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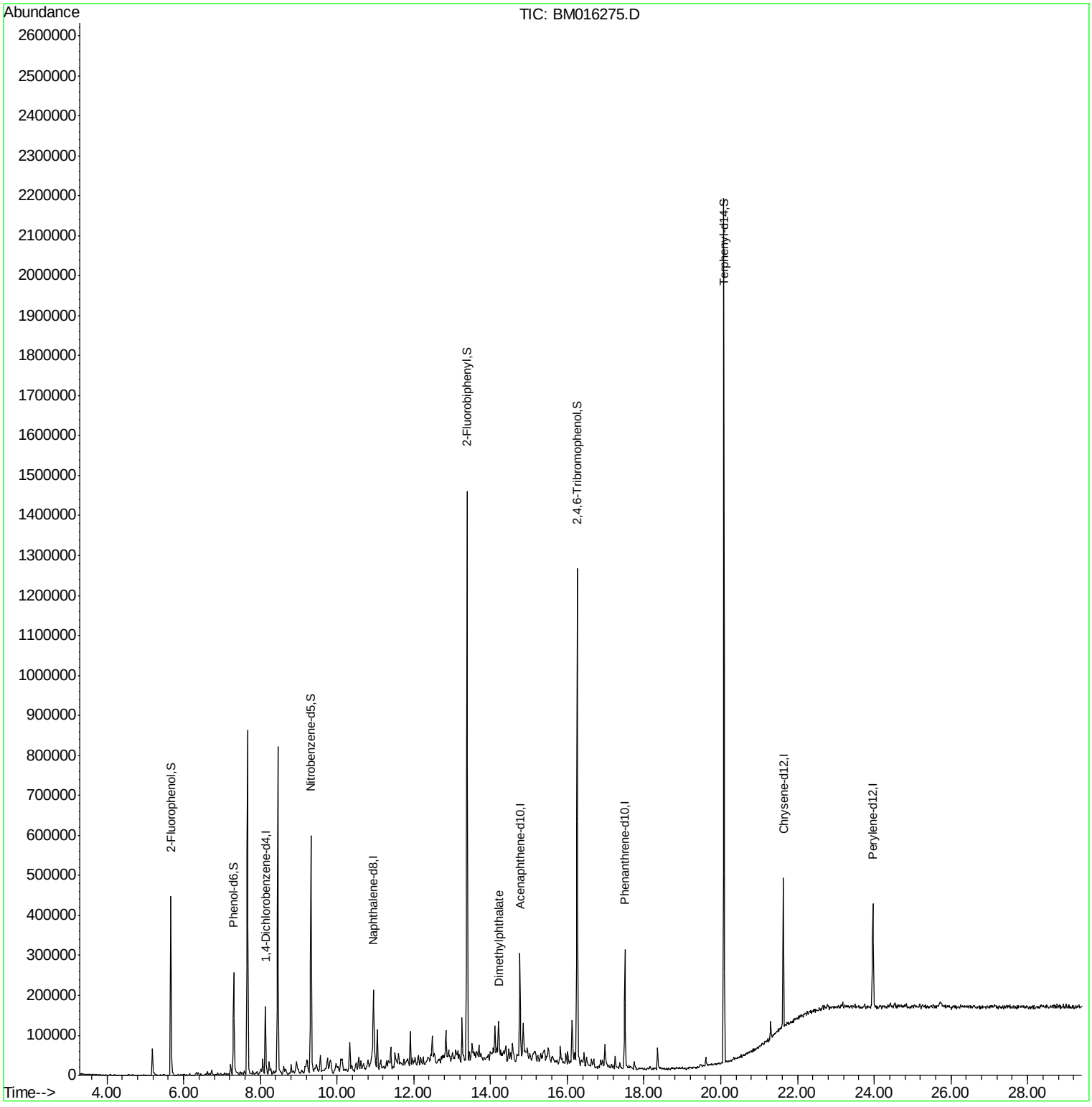
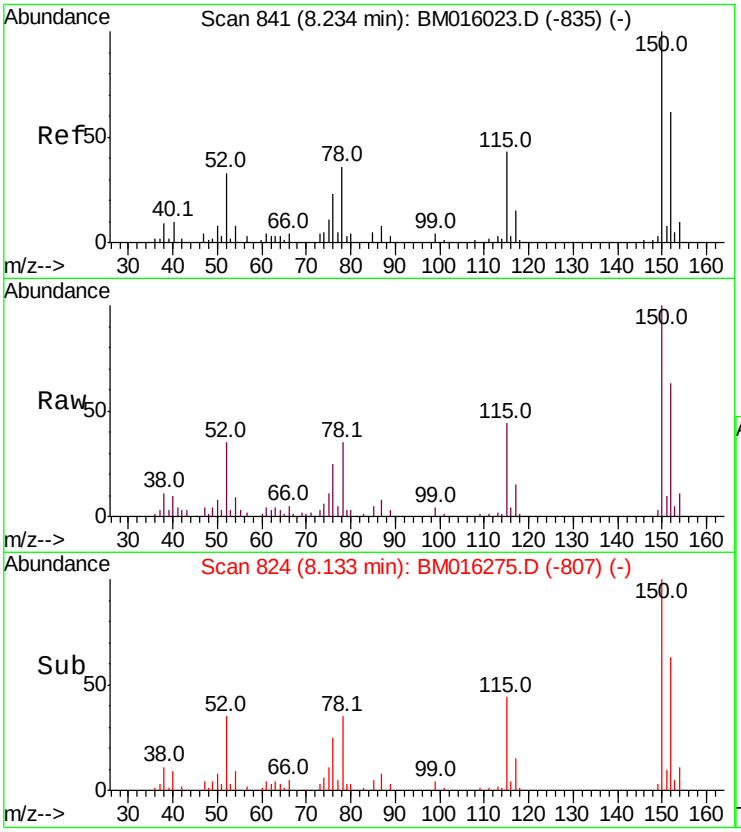


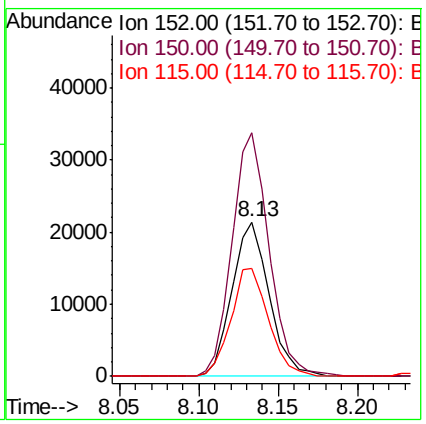


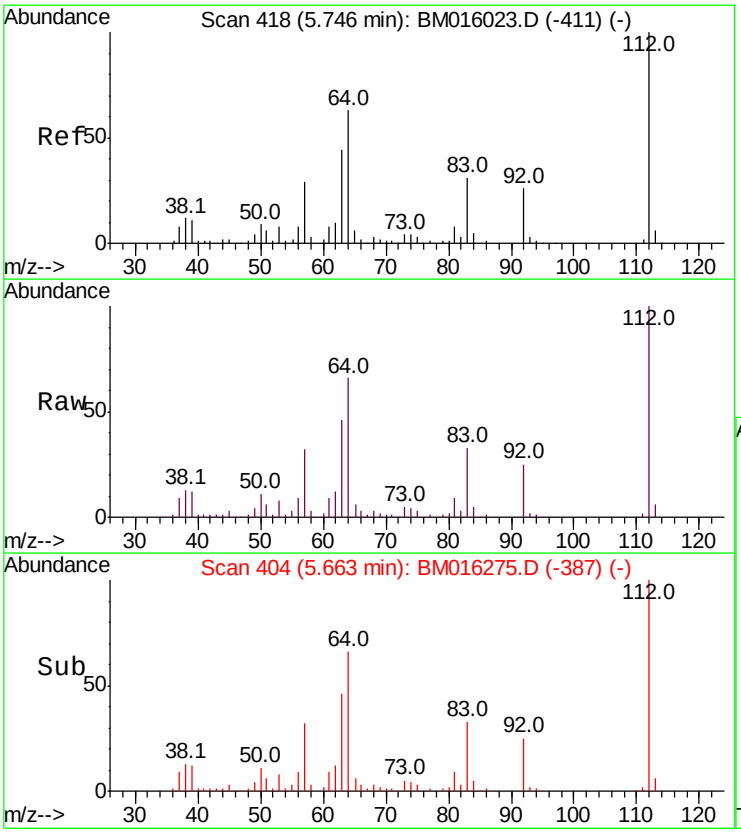
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.00 min
Lab File: BM016275.D
Acq: 09 Aug 2018 11:11

Instrument :
BNA_M
ClientSampleId :
MW-A02

Tgt Ion:152 Resp: 34713

Ion	Ratio	Lower	Upper
152	100		
150	157.9	119.5	179.3
115	69.9	43.0	64.4#

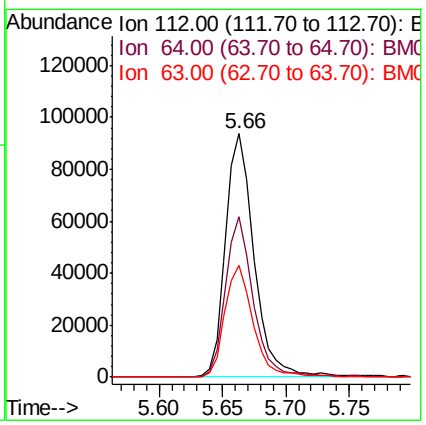


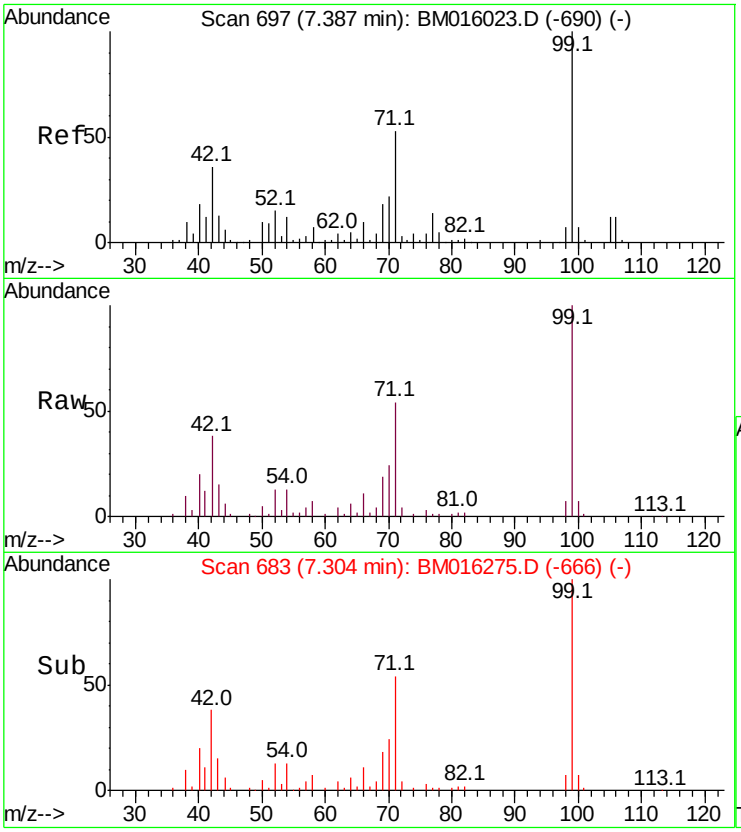


#5
2-Fluorophenol
Concen: N.D. ng
RT: 5.66 min Scan# 404
Delta R.T. -0.00 min
Lab File: BM016275.D
Acq: 09 Aug 2018 11:11

Tgt Ion:112 Resp: 145785

Ion	Ratio	Lower	Upper
112	100		
64	65.9	38.6	57.8#
63	45.9	19.3	28.9#



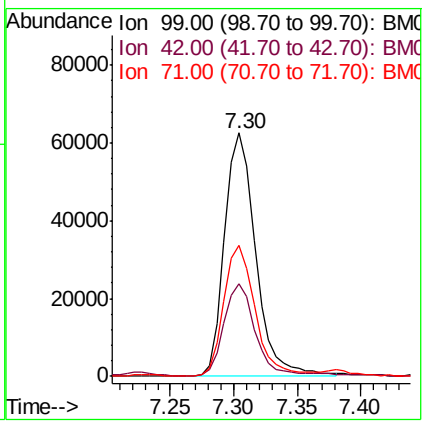


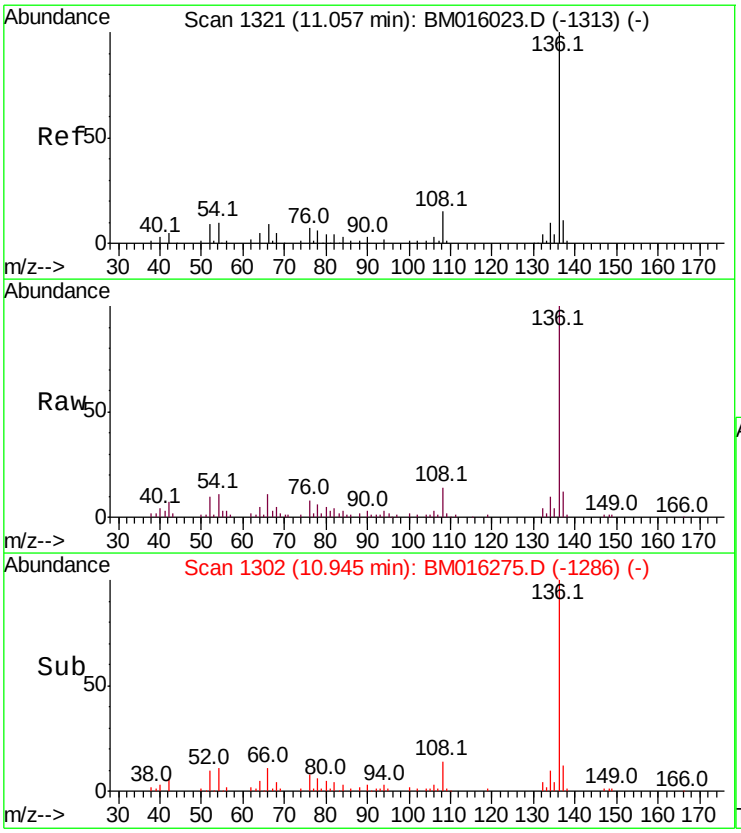
#7
Phenol-d6
Concen: N.D. ng
RT: 7.30 min Scan# 683
Delta R.T. -0.00 min
Lab File: BM016275.D
Acq: 09 Aug 2018 11:11

Instrument :
BNA_M
ClientSampleId :
MW-A02

Tgt Ion: 99 Resp: 106967

Ion	Ratio	Lower	Upper
99	100		
42	38.1	11.0	16.4#
71	53.6	23.4	35.2#

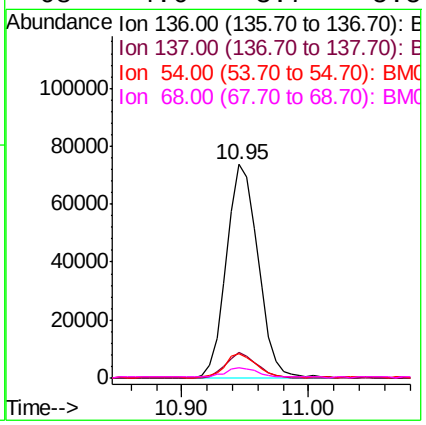


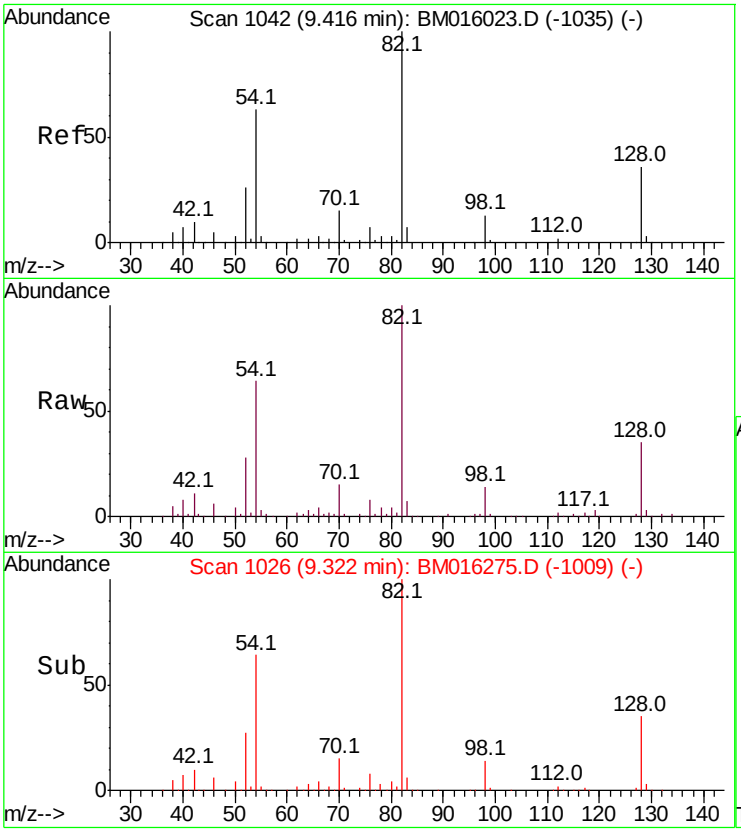


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM016275.D
Acq: 09 Aug 2018 11:11

Tgt Ion:136 Resp: 127565

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	11.2	4.6	6.8#
68	4.6	3.7	5.5



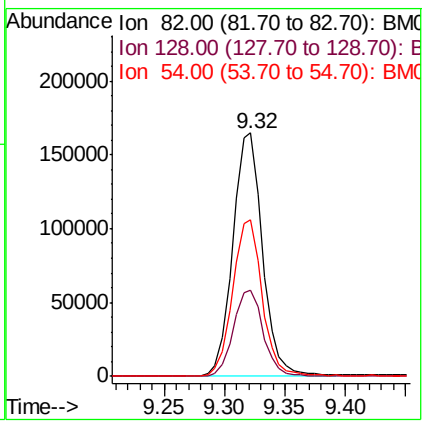


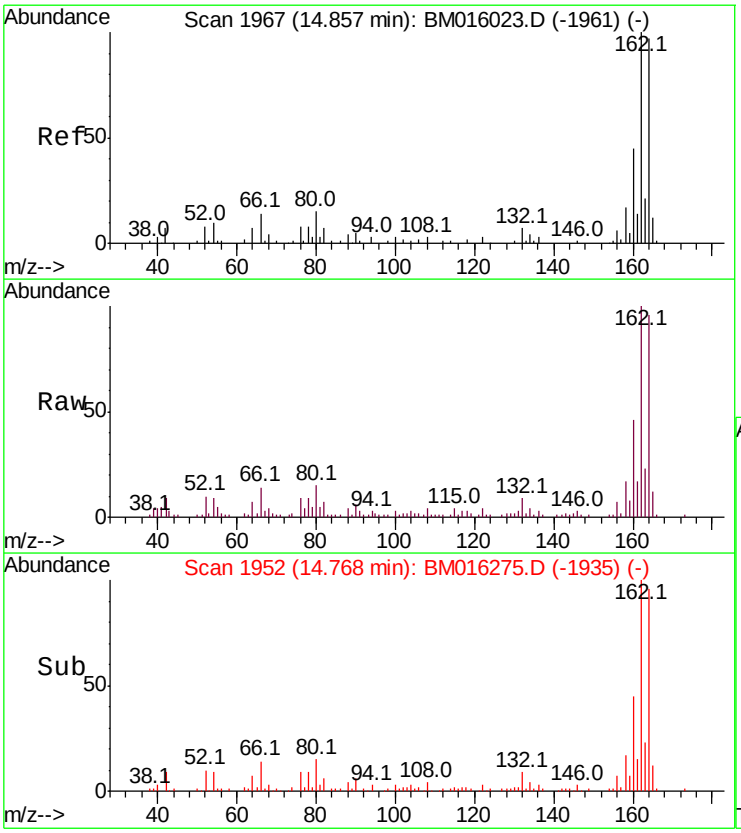
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BM016275.D
Acq: 09 Aug 2018 11:11

Instrument :
BNA_M
ClientSampleId :
MW-A02

Tgt Ion: 82 Resp: 284395

Ion	Ratio	Lower	Upper
82	100		
128	35.5	32.8	49.2
54	64.1	40.6	60.8#

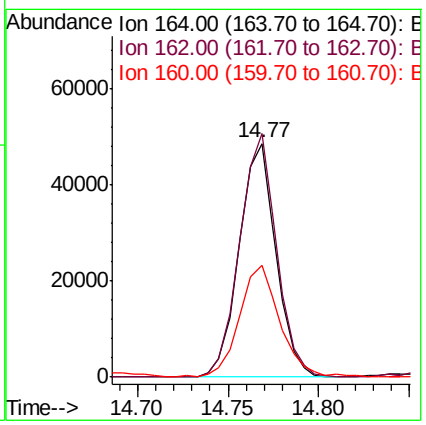


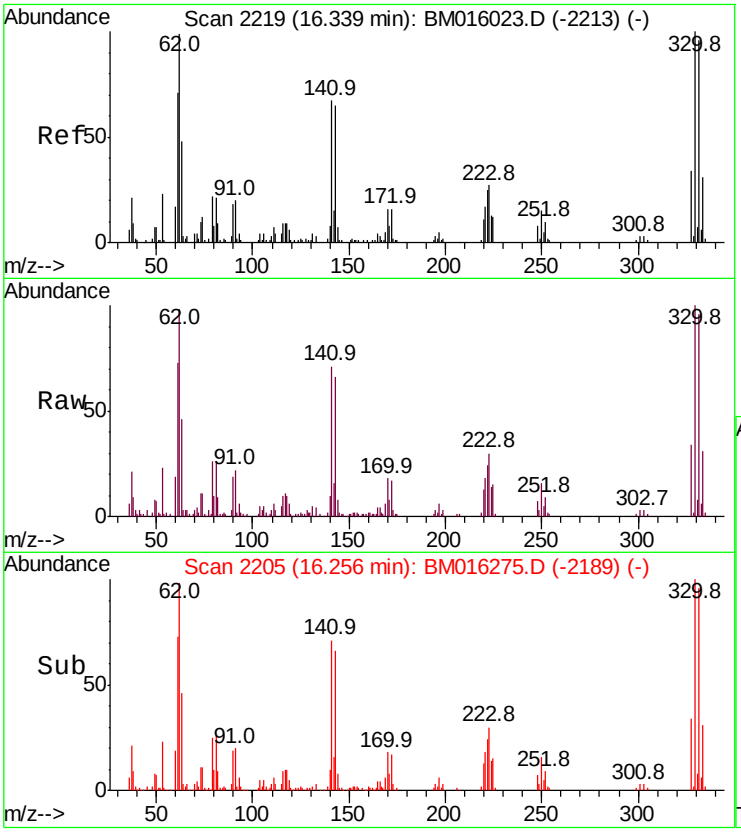


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BM016275.D
Acq: 09 Aug 2018 11:11

Tgt Ion:164 Resp: 68514

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.4	123.6
160	47.9	35.8	53.6



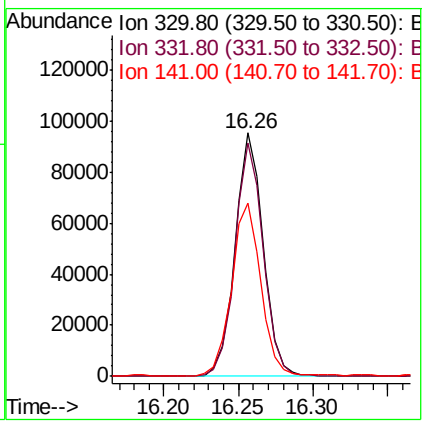


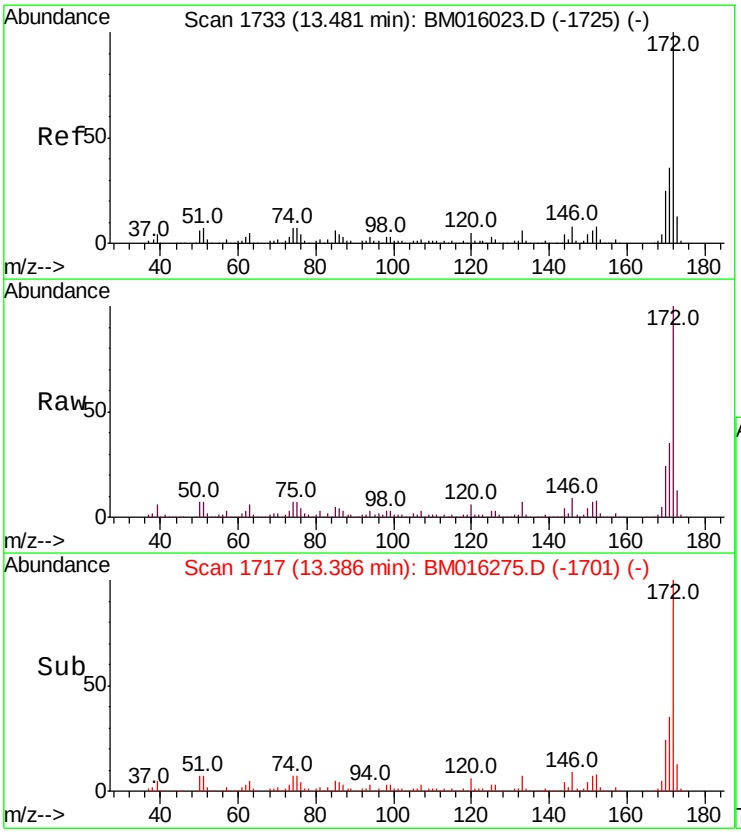
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.26 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BM016275.D
Acq: 09 Aug 2018 11:11

Instrument :
BNA_M
ClientSampleId :
MW-A02

Tgt Ion:330 Resp: 124858

Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	75.0	0.0	0.0#

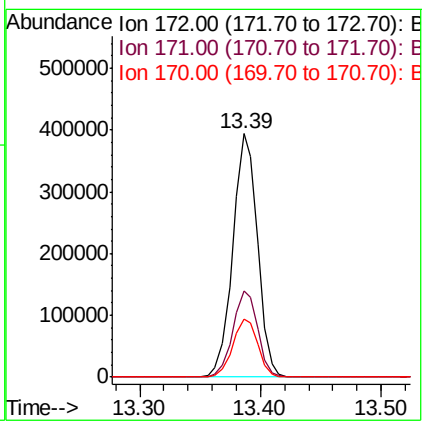


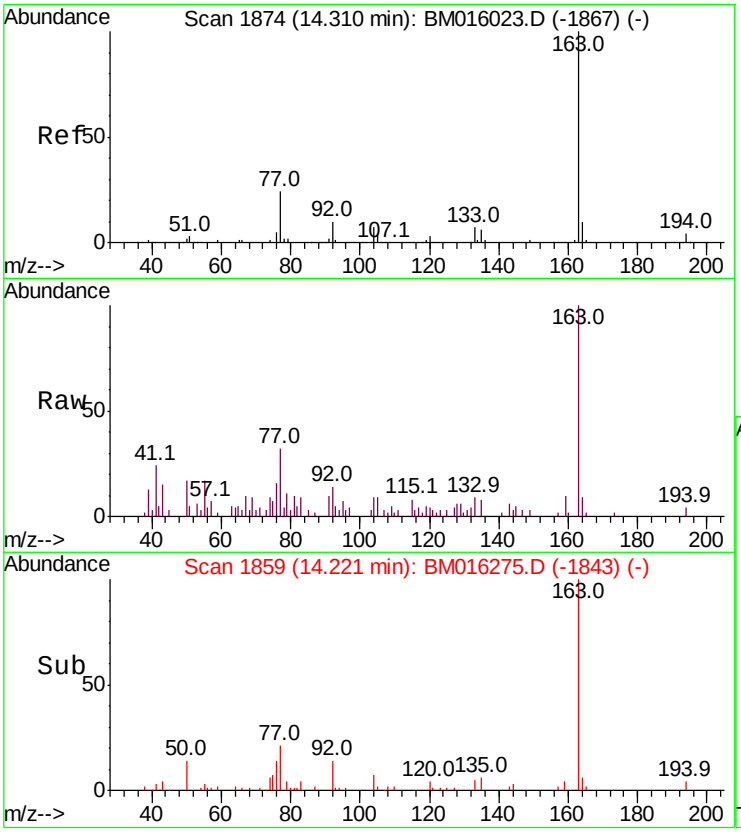


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.39 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM016275.D
Acq: 09 Aug 2018 11:11

Tgt Ion:172 Resp: 560728

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.8	18.8	28.2



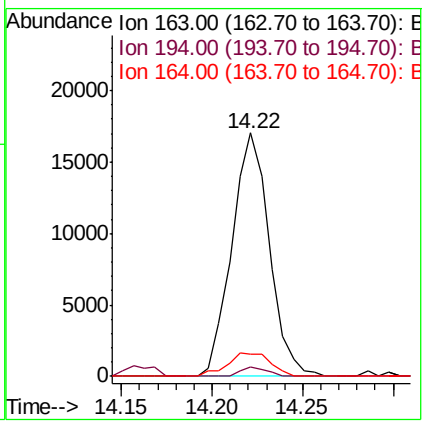


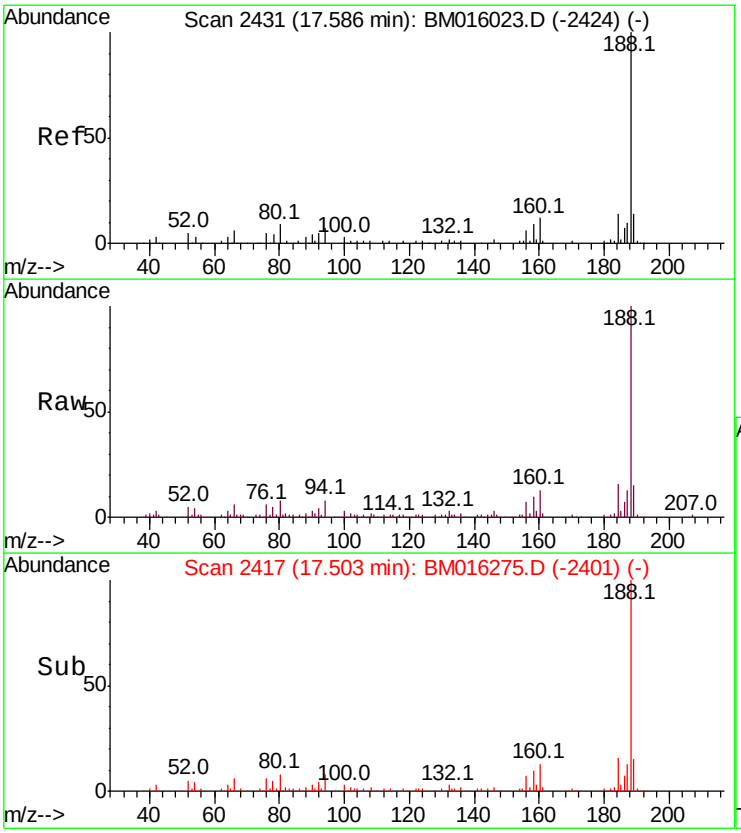
#49
Dimethylphthalate
Concen: 4.100 ng
RT: 14.22 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BM016275.D
Acq: 09 Aug 2018 11:11

Instrument :
BNA_M
ClientSampleId :
MW-A02

Tgt Ion:163 Resp: 24584

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.2	8.2	12.2

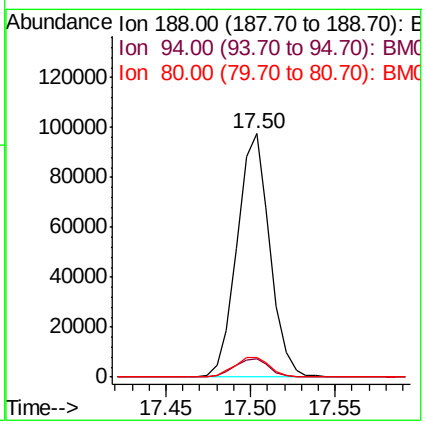


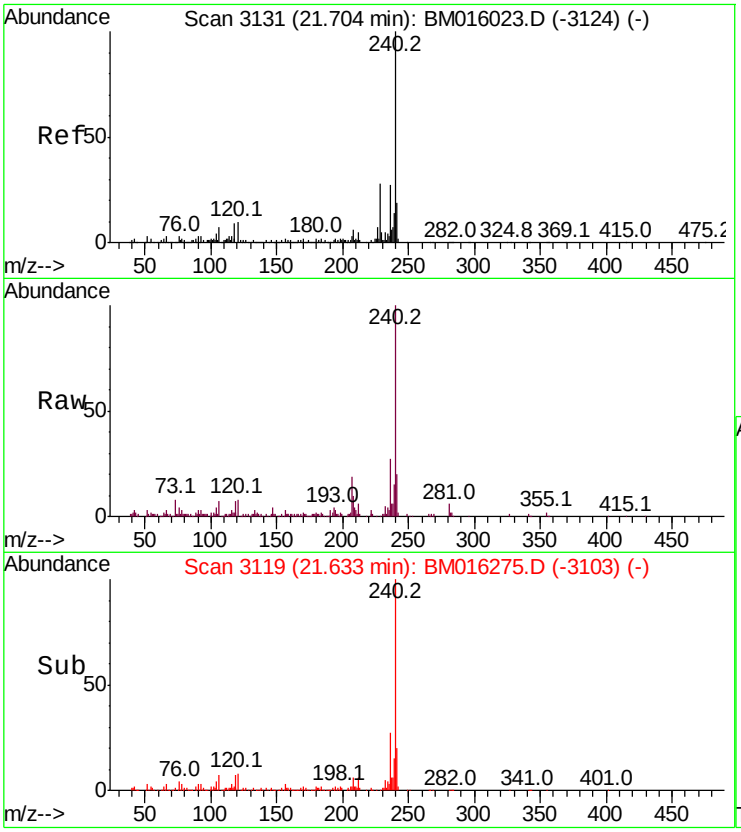


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM016275.D
Acq: 09 Aug 2018 11:11

Tgt Ion:188 Resp: 131451

Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.7	13.1#
80	7.9	9.3	13.9#



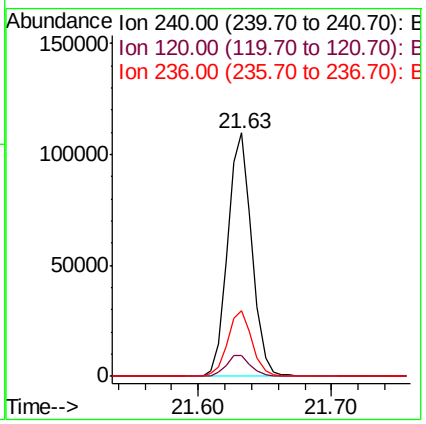


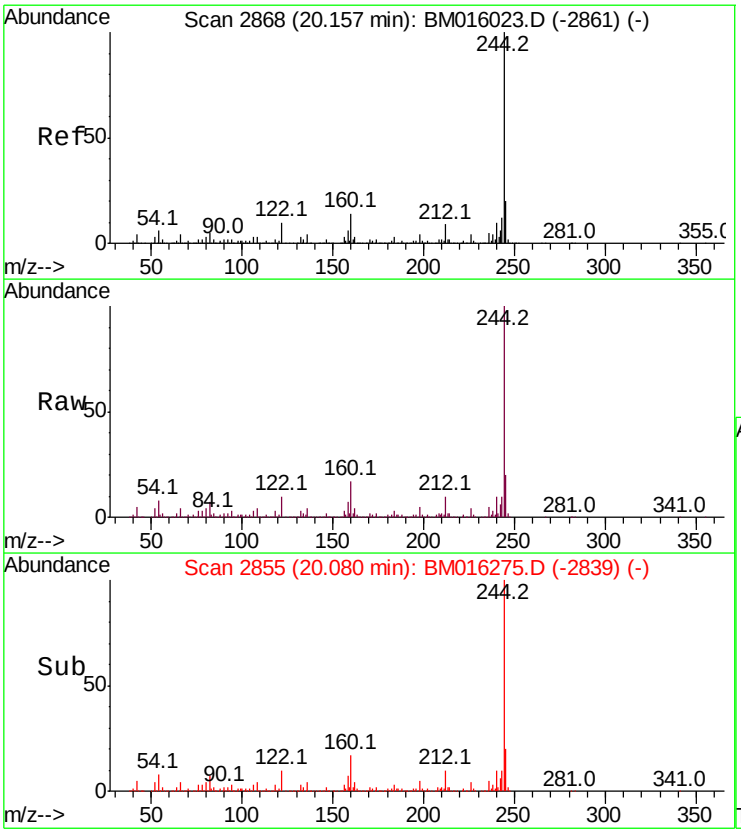
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM016275.D
Acq: 09 Aug 2018 11:11

Instrument :
BNA_M
ClientSampleId :
MW-A02

Tgt Ion:240 Resp: 138714

Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.2	12.2
236	27.0	20.0	30.0

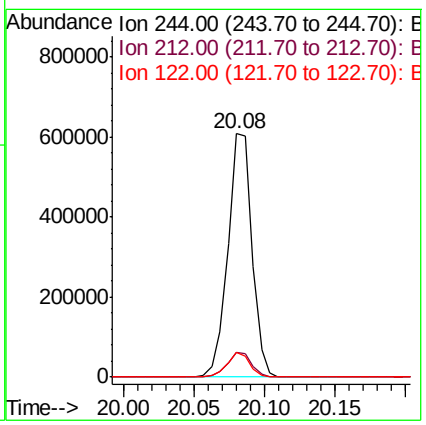


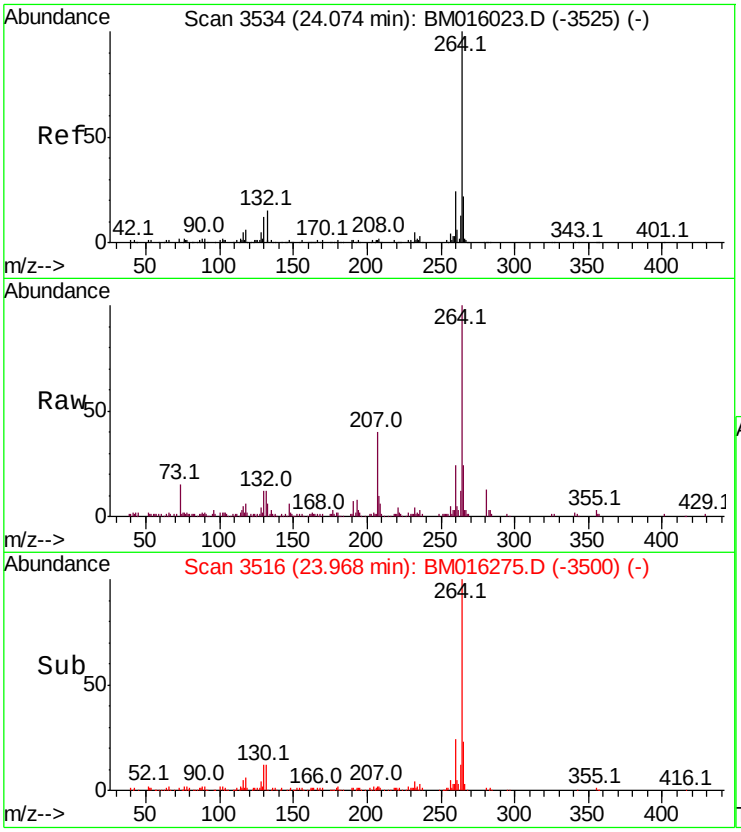


#78
Terphenyl-d14
Concen: Below ng
RT: 20.08 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BM016275.D
Acq: 09 Aug 2018 11:11

Tgt Ion:244 Resp: 721337

Ion	Ratio	Lower	Upper
244	100		
212	10.2	4.9	7.3#
122	10.0	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: BM016275.D
Acq: 09 Aug 2018 11:11

Instrument :
BNA_M
ClientSampleId :
MW-A02

Tgt Ion:264 Resp: 153335

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	24.4	17.3	25.9