Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
Data File : BM016520.D
Acq On : 22 Aug 2018 16:03
Operator : SJ/JU
Sample : PB112017BL
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB112017BL

Quant Time: Aug 22 17:36:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 16:31:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	107816	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	344342	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	271176	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	900695	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1104120	20.00	ng	0.00
86) Perylene-d12	23.83	264	1238004	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	534536	97.15	ng	0.00
7) Phenol-d6	7.19	99	634873	87.20	ng	0.00
23) Nitrobenzene-d5	9.20	82	531153	70.43	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	761786	100.49	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	1812384	64.24	ng	0.00
78) Terphenyl-d14	19.99	244	4607967	88.33	ng	0.00
Target Compounds						Qvalue

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

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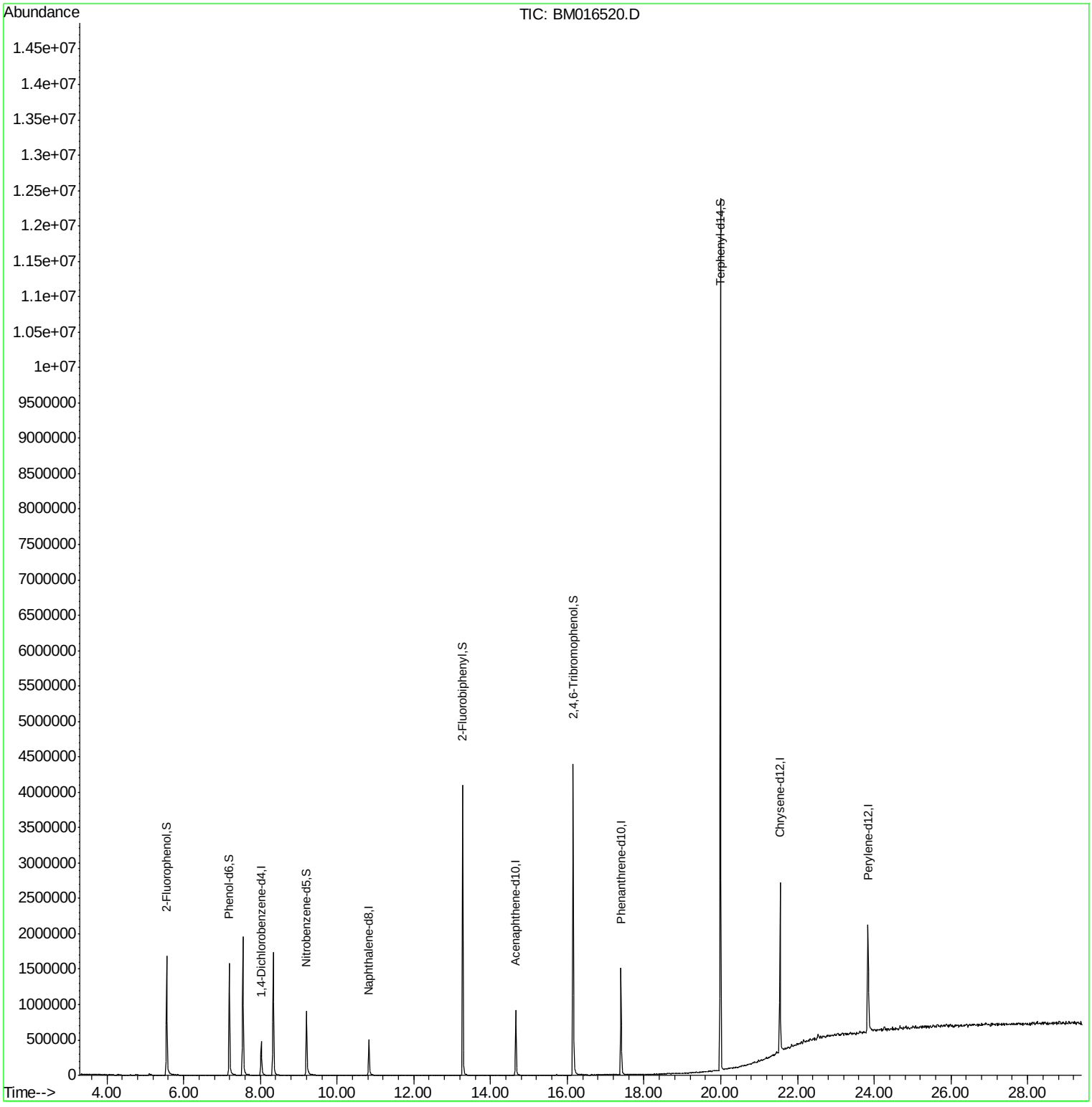
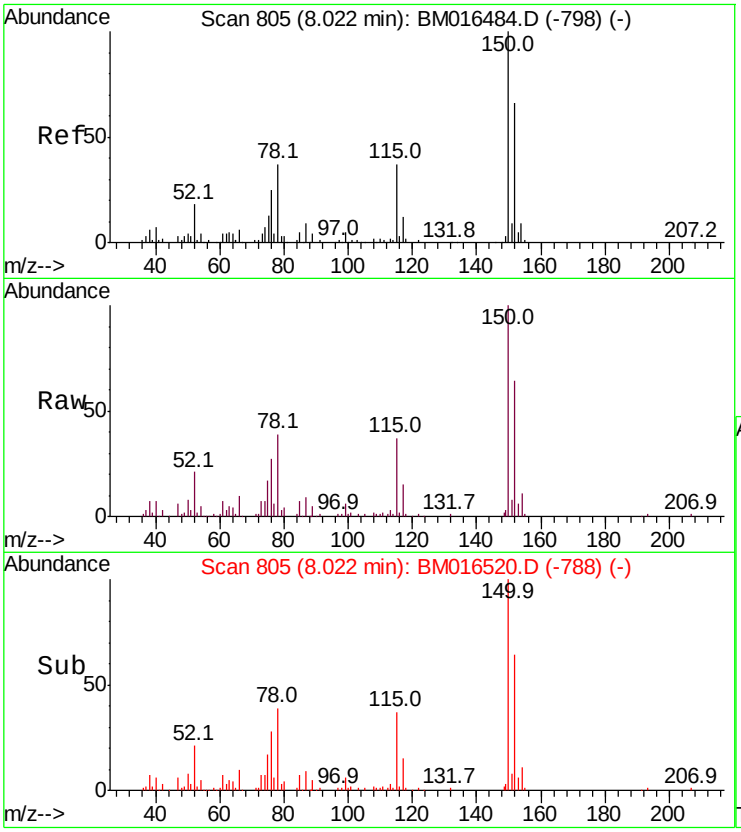


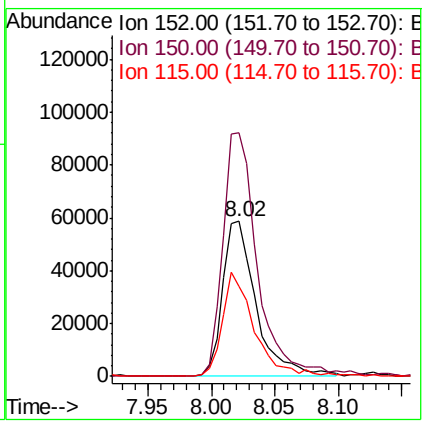


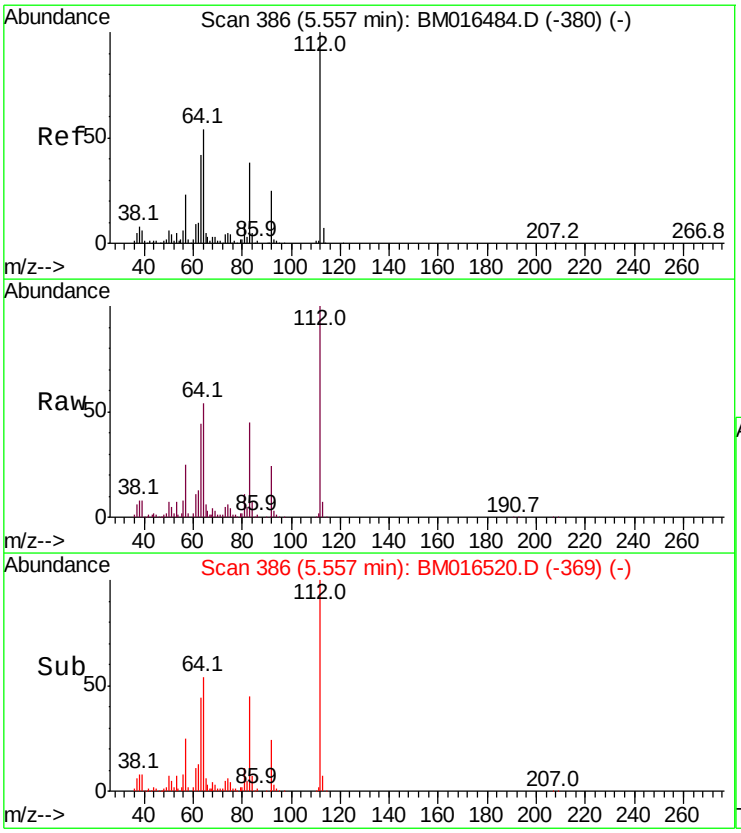
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.00 min
Lab File: BM016520.D
Acq: 22 Aug 2018 16:03

Instrument :
BNA_M
ClientSampleId :
PB112017BL

Tgt Ion:152 Resp: 107816

Ion	Ratio	Lower	Upper
152	100		
150	157.4	119.5	179.3
115	58.3	43.0	64.4

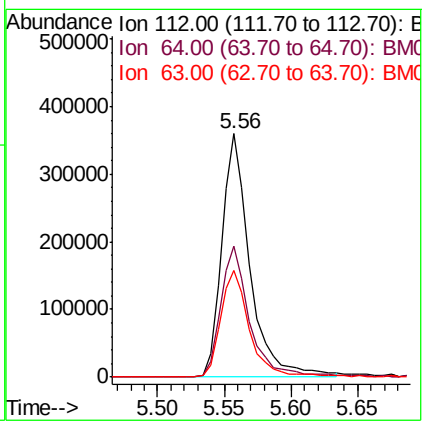


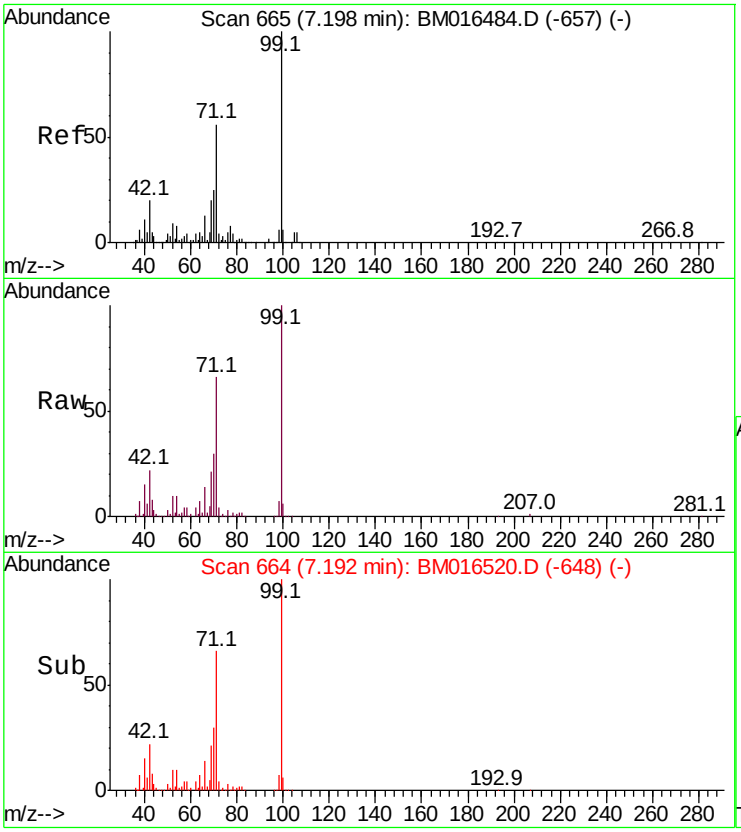


#5
2-Fluorophenol
Concen: Below ng
RT: 5.56 min Scan# 386
Delta R.T. 0.00 min
Lab File: BM016520.D
Acq: 22 Aug 2018 16:03

Tgt Ion:112 Resp: 534536

Ion	Ratio	Lower	Upper
112	100		
64	53.7	38.6	57.8
63	43.7	19.3	28.9#



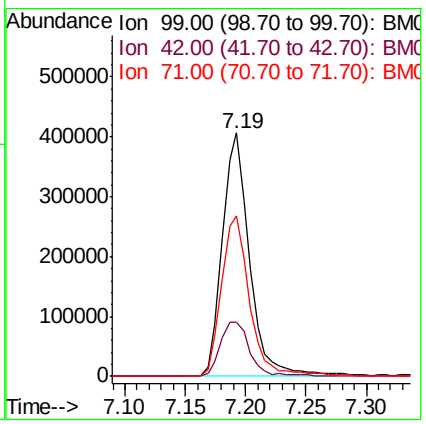


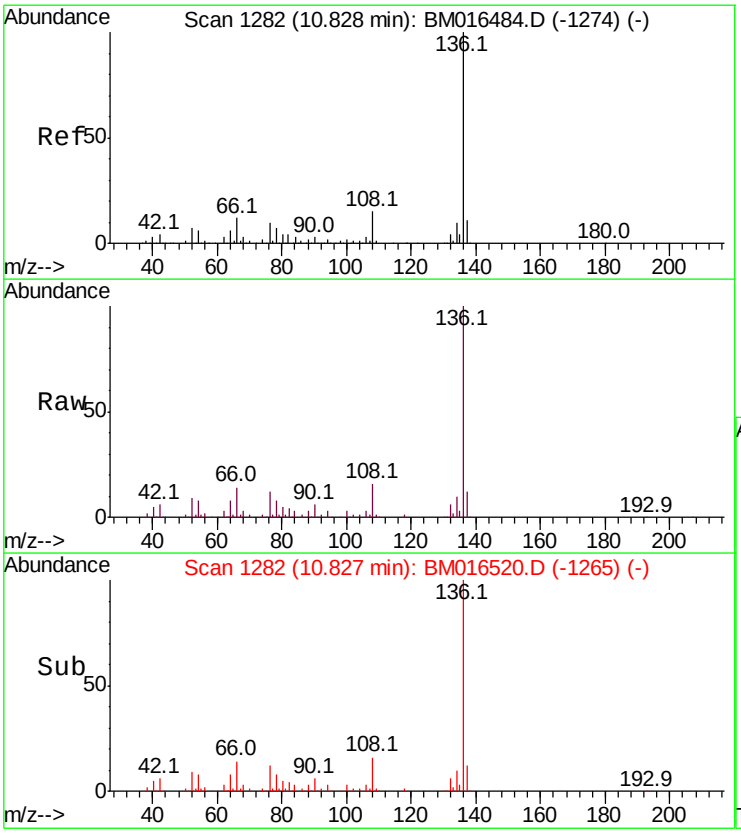
#7
Phenol-d6
Concen: N.D. ng
RT: 7.19 min Scan# 664
Delta R.T. -0.01 min
Lab File: BM016520.D
Acq: 22 Aug 2018 16:03

Instrument :
BNA_M
ClientSampleId :
PB112017BL

Tgt Ion: 99 Resp: 634873

Ion	Ratio	Lower	Upper
99	100		
42	22.5	11.0	16.4#
71	65.9	23.4	35.2#

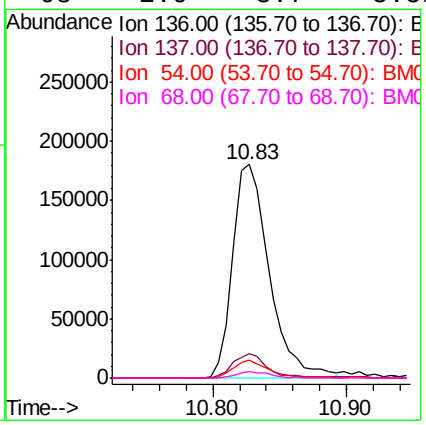


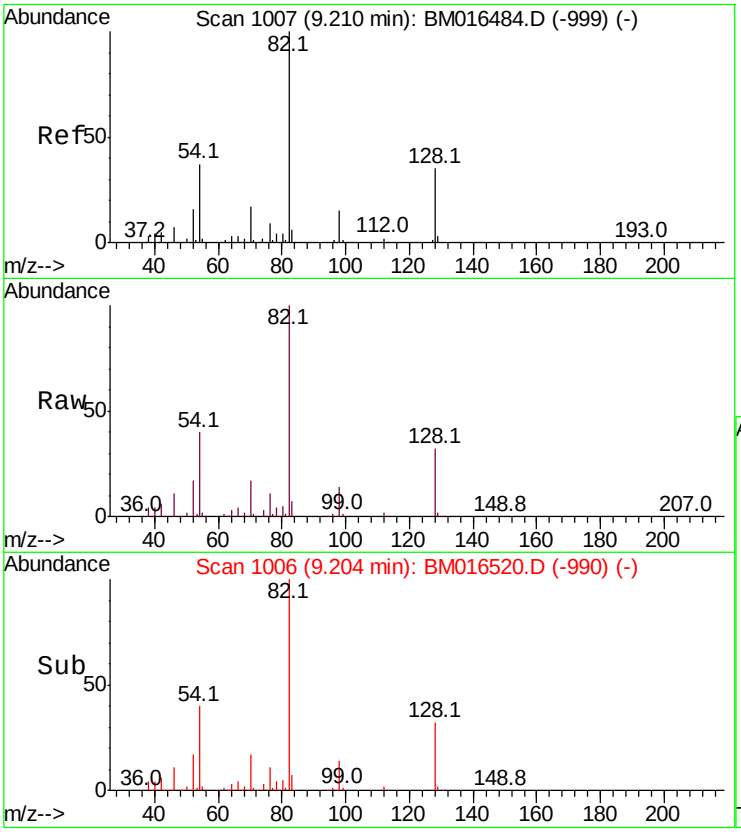


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BM016520.D
Acq: 22 Aug 2018 16:03

Tgt Ion:136 Resp: 344342

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	8.3	4.6	6.8#
68	2.9	3.7	5.5#



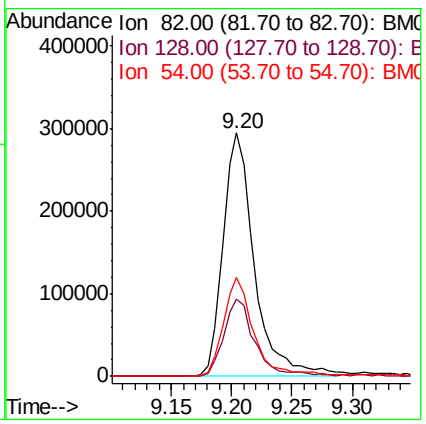


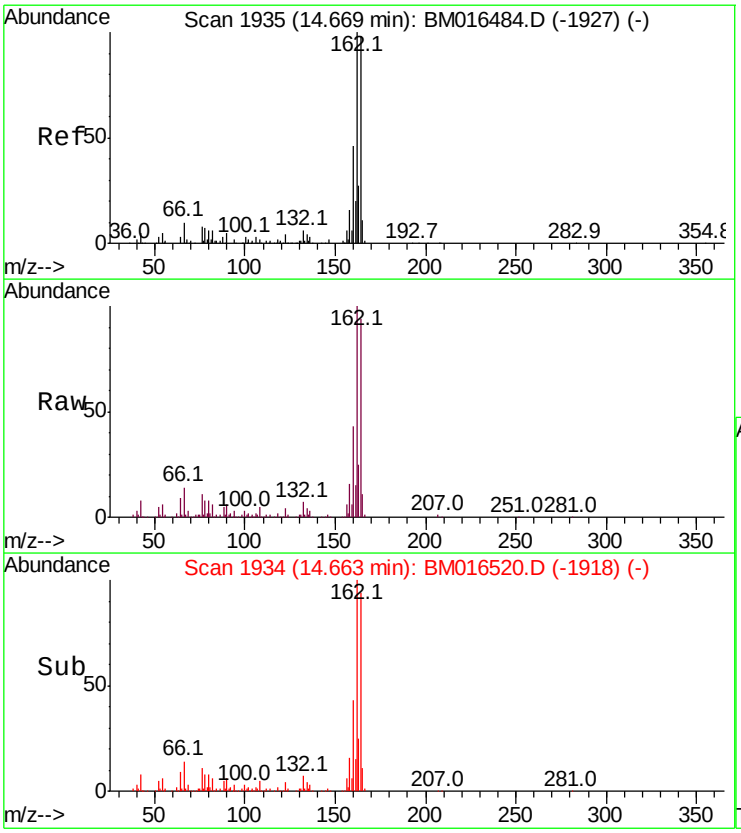
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM016520.D
Acq: 22 Aug 2018 16:03

Instrument : BNA_M
ClientSampleId : PB112017BL

Tgt Ion: 82 Resp: 531153

Ion	Ratio	Lower	Upper
82	100		
128	31.9	32.8	49.2#
54	40.5	40.6	60.8#

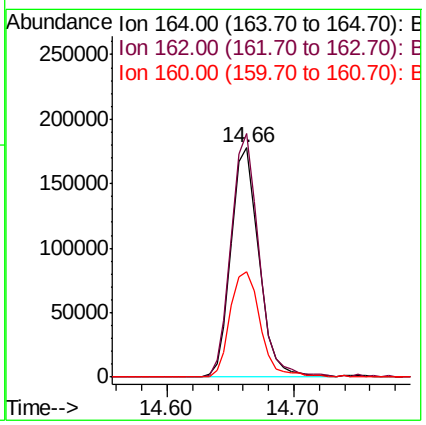


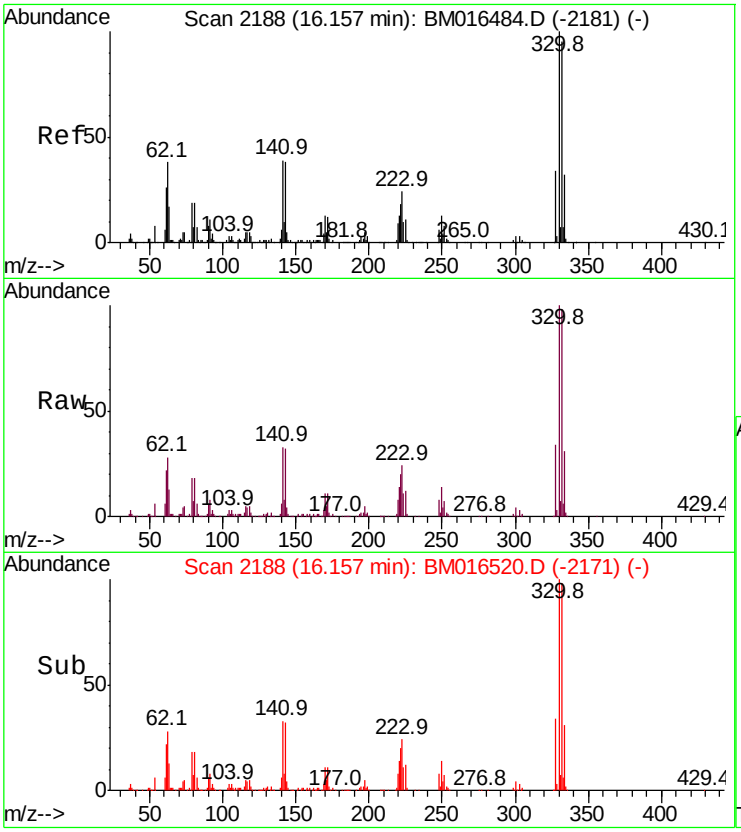


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BM016520.D
Acq: 22 Aug 2018 16:03

Tgt Ion:164 Resp: 271176

Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.4	123.6
160	45.8	35.8	53.6



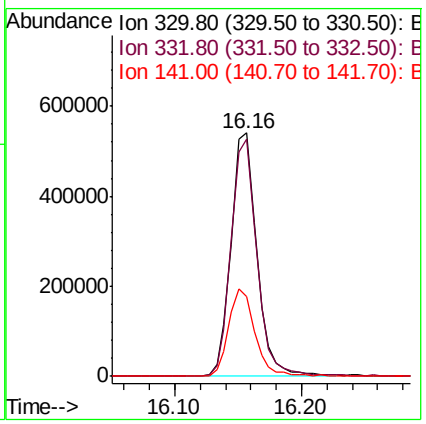


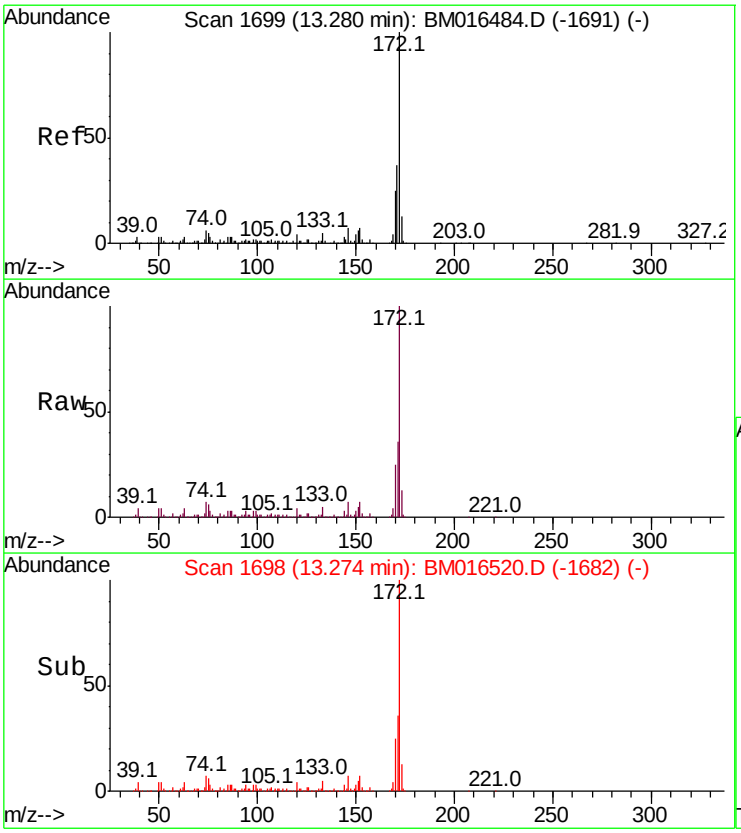
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.16 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BM016520.D
Acq: 22 Aug 2018 16:03

Instrument :
BNA_M
ClientSampleId :
PB112017BL

Tgt Ion:330 Resp: 761786

Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	36.3	0.0	0.0#

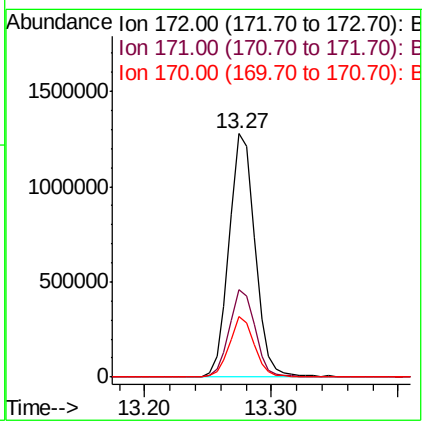


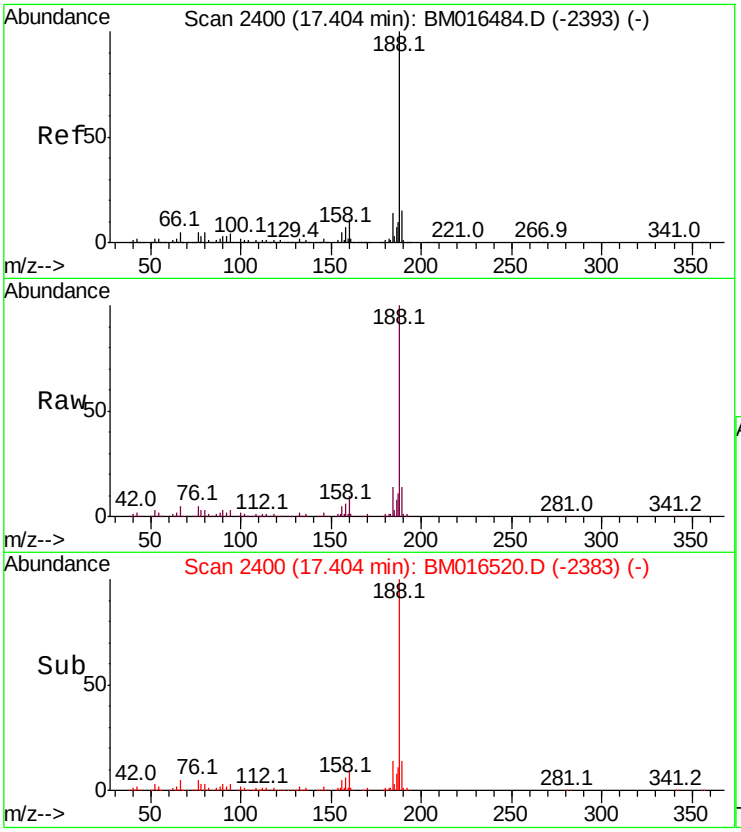


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.27 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BM016520.D
Acq: 22 Aug 2018 16:03

Tgt Ion:172 Resp: 1812384

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	25.0	18.8	28.2



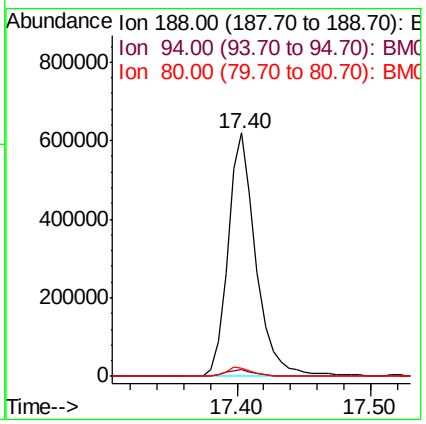


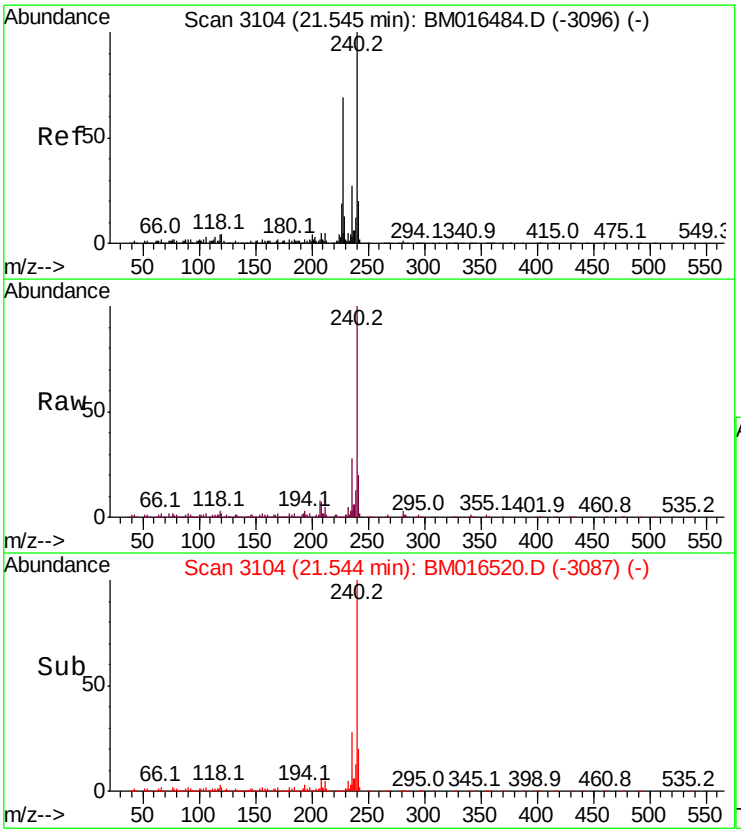
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BM016520.D
Acq: 22 Aug 2018 16:03

Instrument :
BNA_M
ClientSampleId :
PB112017BL

Tgt Ion:188 Resp: 900695

Ion	Ratio	Lower	Upper
188	100		
94	2.7	8.7	13.1#
80	3.4	9.3	13.9#

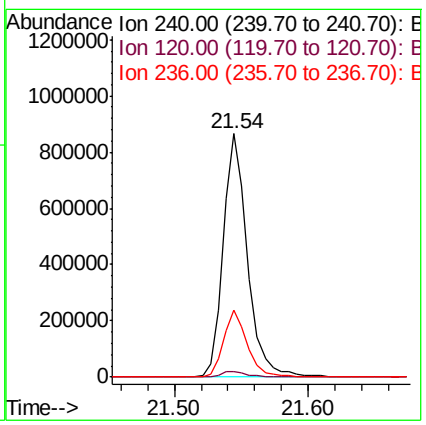


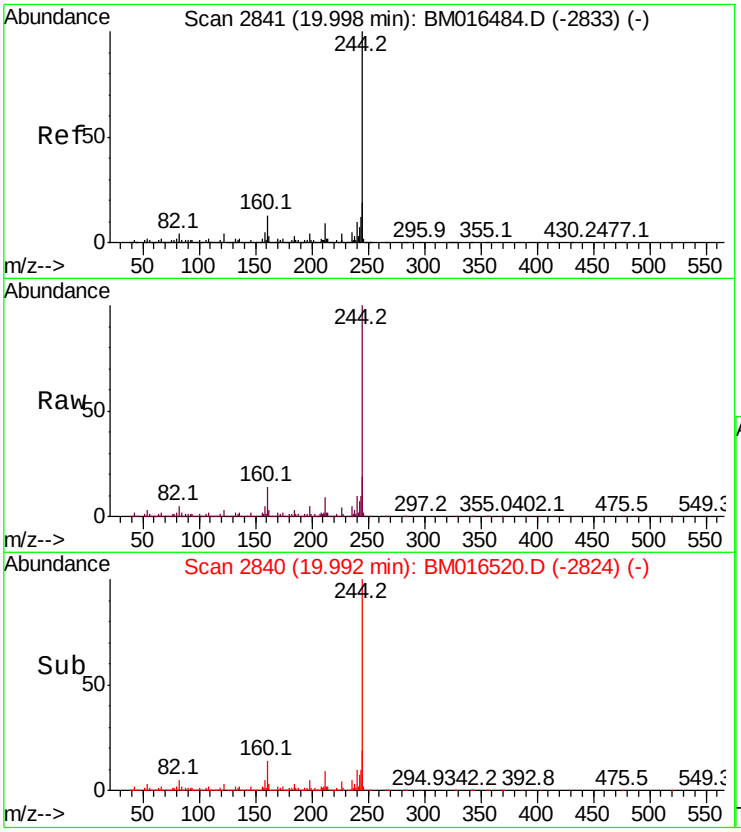


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BM016520.D
Acq: 22 Aug 2018 16:03

Tgt Ion:240 Resp: 1104120

Ion	Ratio	Lower	Upper
240	100		
120	2.1	8.2	12.2#
236	27.7	20.0	30.0



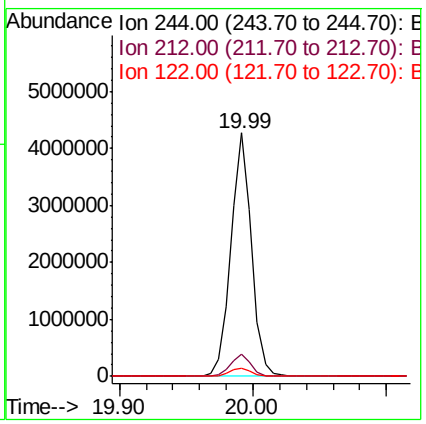


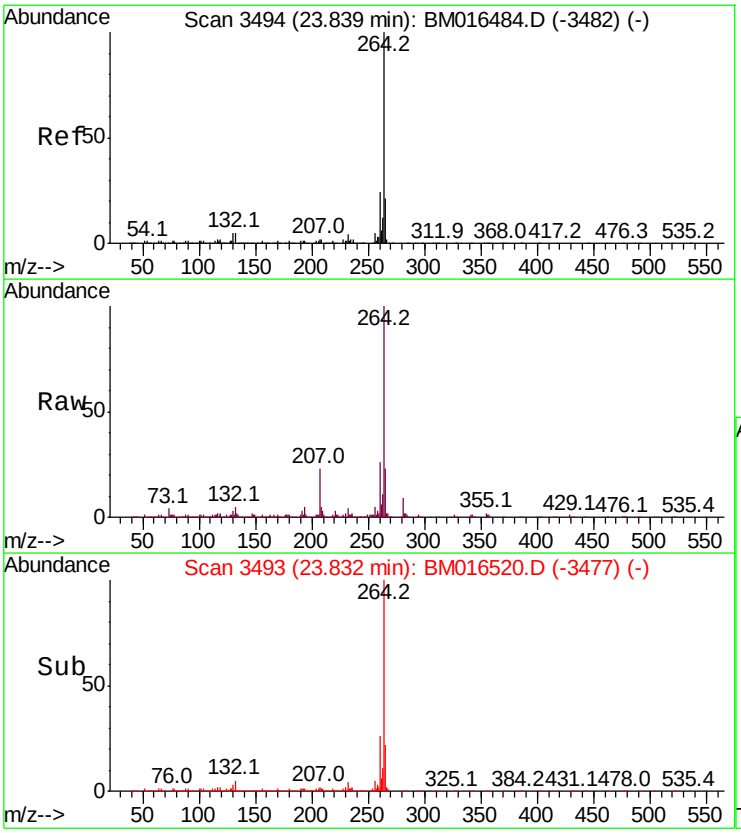
#78
Terphenyl-d14
Concen: N.D. ng
RT: 19.99 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BM016520.D
Acq: 22 Aug 2018 16:03

Instrument :
BNA_M
ClientSampleId :
PB112017BL

Tgt Ion:244 Resp: 4607967

Ion	Ratio	Lower	Upper
244	100		
212	9.4	4.9	7.3#
122	3.5	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.83 min Scan# 3493
Delta R.T. -0.01 min
Lab File: BM016520.D
Acq: 22 Aug 2018 16:03

Tgt Ion:264 Resp: 1238004

Ion	Ratio	Lower	Upper
264	100		
260	26.0	18.6	27.8
265	22.7	17.3	25.9