Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081318\
Data File : BM016332.D
Acq On : 13 Aug 2018 19:12
Operator : SJ/JU
Sample : J4442-30
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP-1-3

Quant Time: Aug 14 04:45:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 10 18:44:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	24349	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	79623	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	35030	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	68764	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	83640	20.00	ng	-0.02
86) Perylene-d12	23.95	264	101031	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	194416	132.63	ng	-0.01
7) Phenol-d6	7.29	99	196789	102.80	ng	-0.01
23) Nitrobenzene-d5	9.31	82	187503	109.53	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	57709	129.89	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	315733	109.67	ng	-0.02
78) Terphenyl-d14	20.07	244	456650	114.29	ng	-0.01
Target Compounds						Qvalue

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

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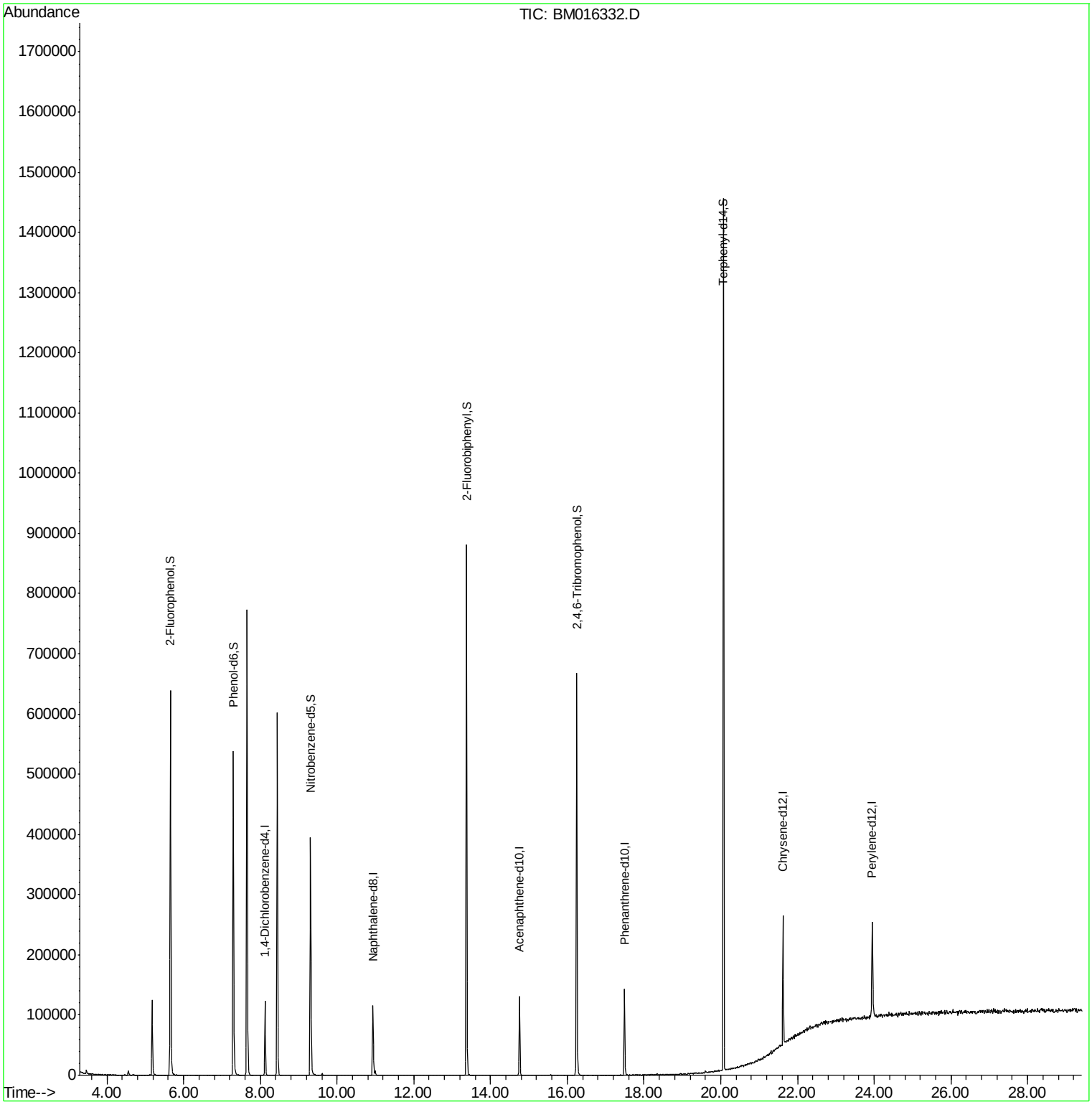
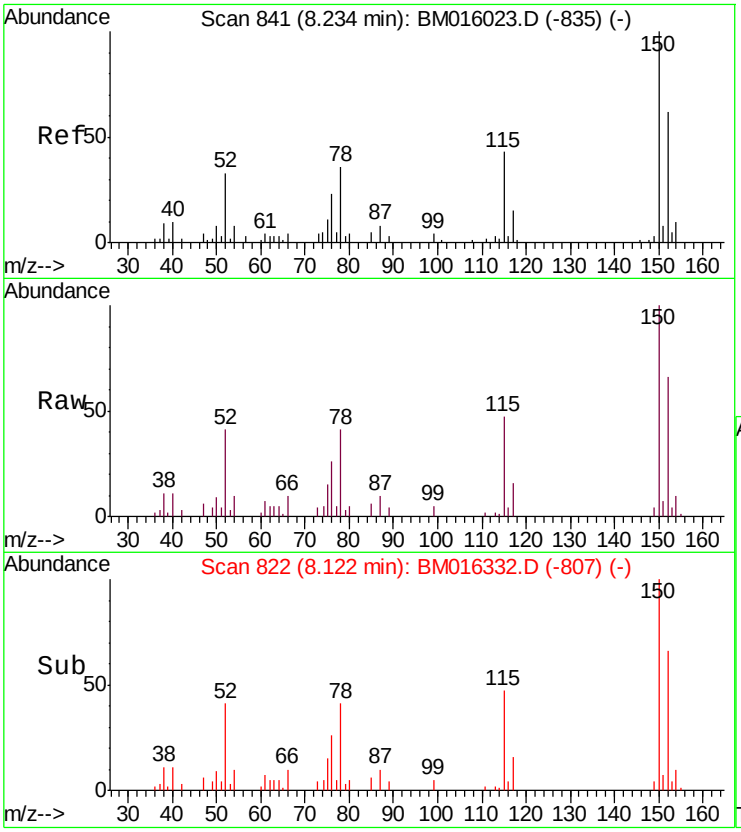


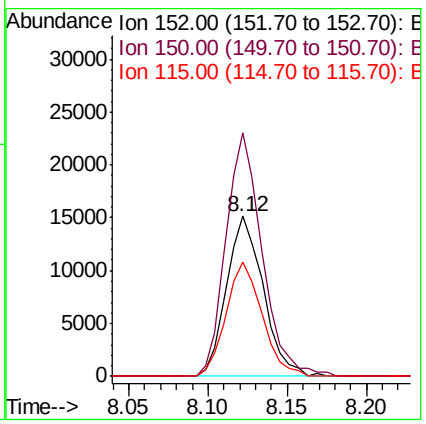


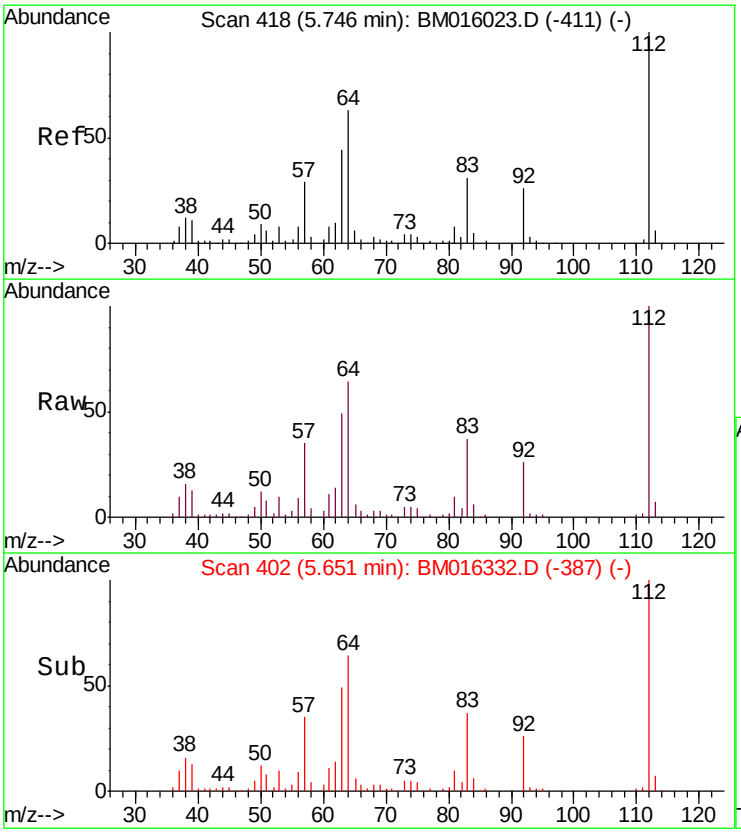
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM016332.D
Acq: 13 Aug 2018 19:12

Instrument :
BNA_M
ClientSampleId :
SP-1-3

Tgt Ion:152 Resp: 24349

Ion	Ratio	Lower	Upper
152	100		
150	151.9	119.5	179.3
115	71.6	43.0	64.4#

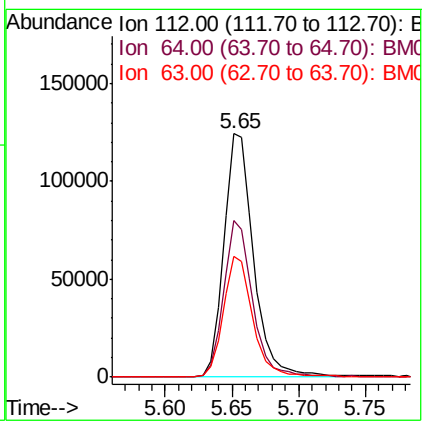


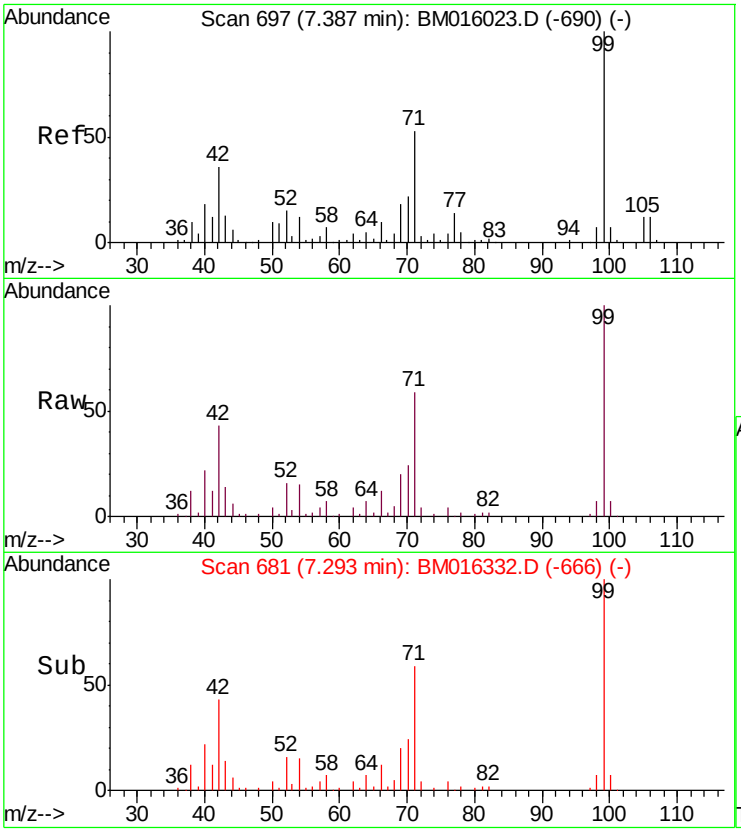


#5
2-Fluorophenol
Concen: N.D. ng
RT: 5.65 min Scan# 402
Delta R.T. -0.01 min
Lab File: BM016332.D
Acq: 13 Aug 2018 19:12

Tgt Ion:112 Resp: 194416

Ion	Ratio	Lower	Upper
112	100		
64	64.2	38.6	57.8#
63	49.4	19.3	28.9#



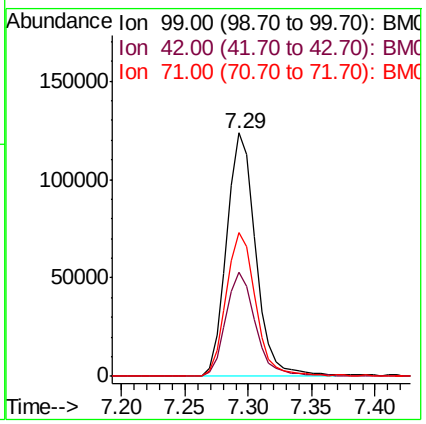


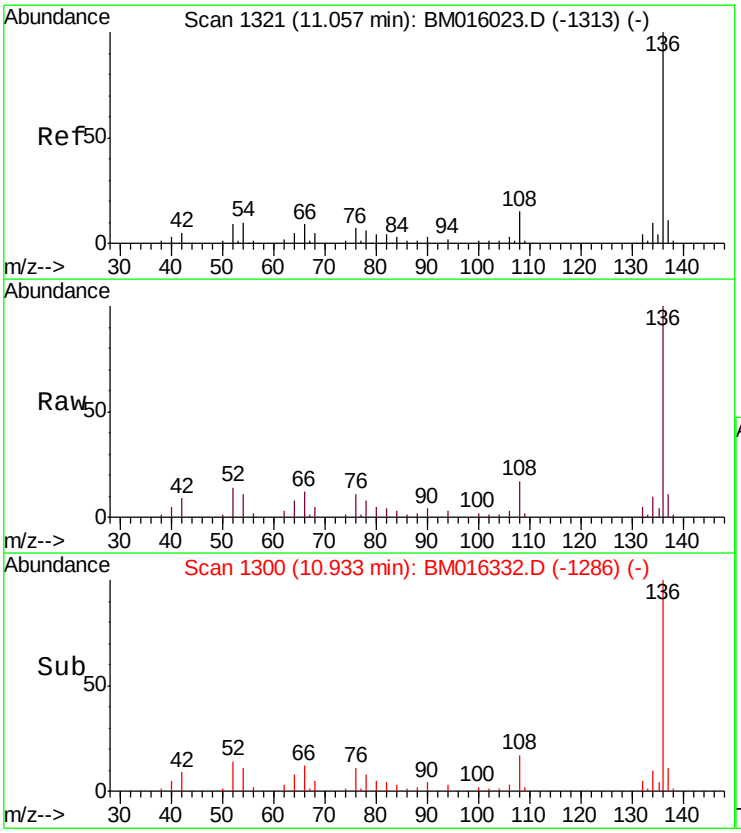
#7
Phenol-d6
Concen: N.D. ng
RT: 7.29 min Scan# 681
Delta R.T. -0.01 min
Lab File: BM016332.D
Acq: 13 Aug 2018 19:12

Instrument :
BNA_M
ClientSampleId :
SP-1-3

Tgt Ion: 99 Resp: 196789

Ion	Ratio	Lower	Upper
99	100		
42	43.0	11.0	16.4#
71	59.1	23.4	35.2#

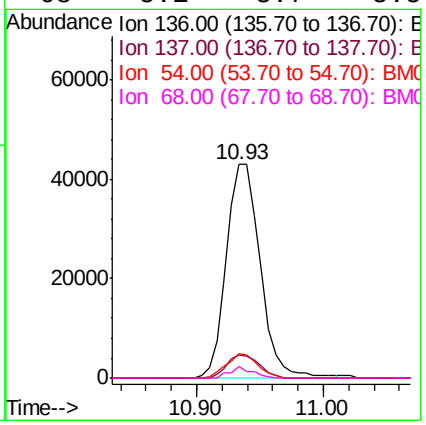


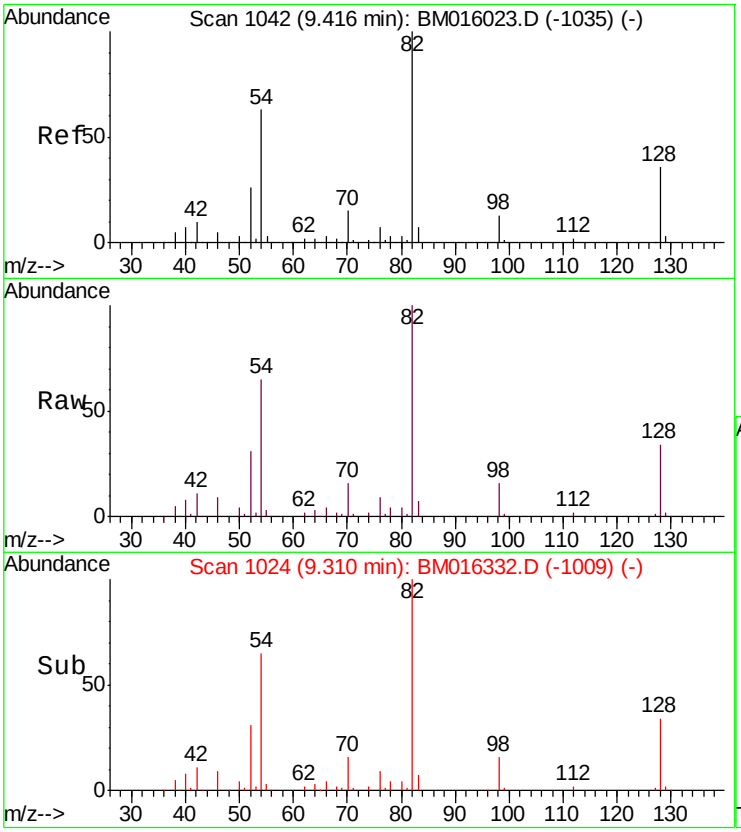


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BM016332.D
Acq: 13 Aug 2018 19:12

Tgt Ion:136 Resp: 79623

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	11.1	4.6	6.8#
68	5.1	3.7	5.5



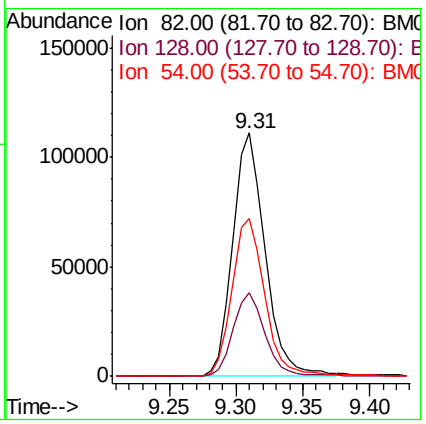


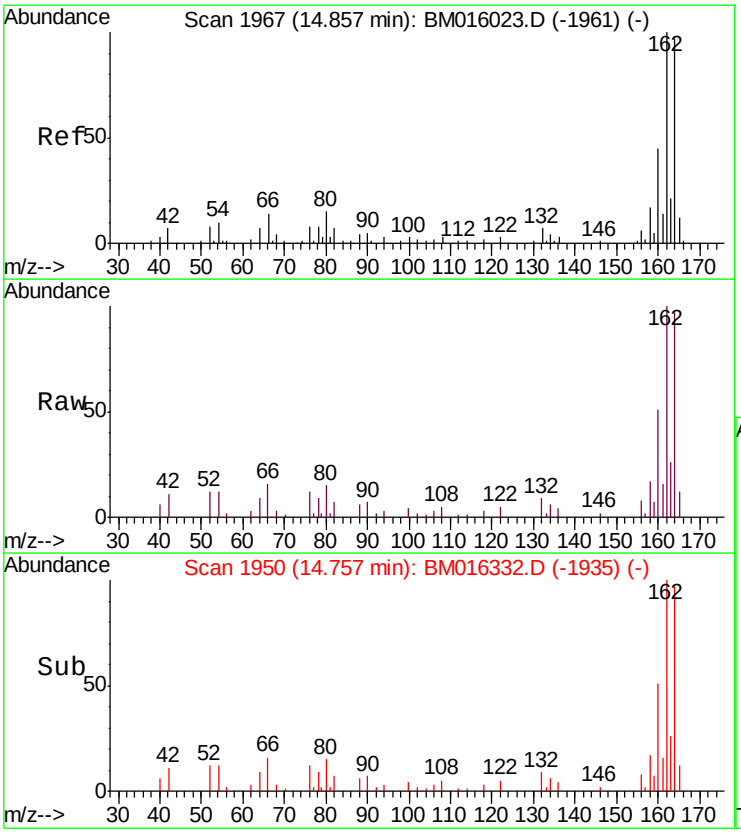
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BM016332.D
Acq: 13 Aug 2018 19:12

Instrument :
BNA_M
ClientSampleId :
SP-1-3

Tgt Ion: 82 Resp: 187503

Ion	Ratio	Lower	Upper
82	100		
128	34.3	32.8	49.2
54	64.8	40.6	60.8#

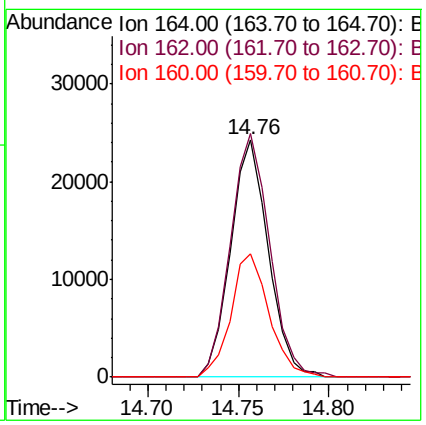


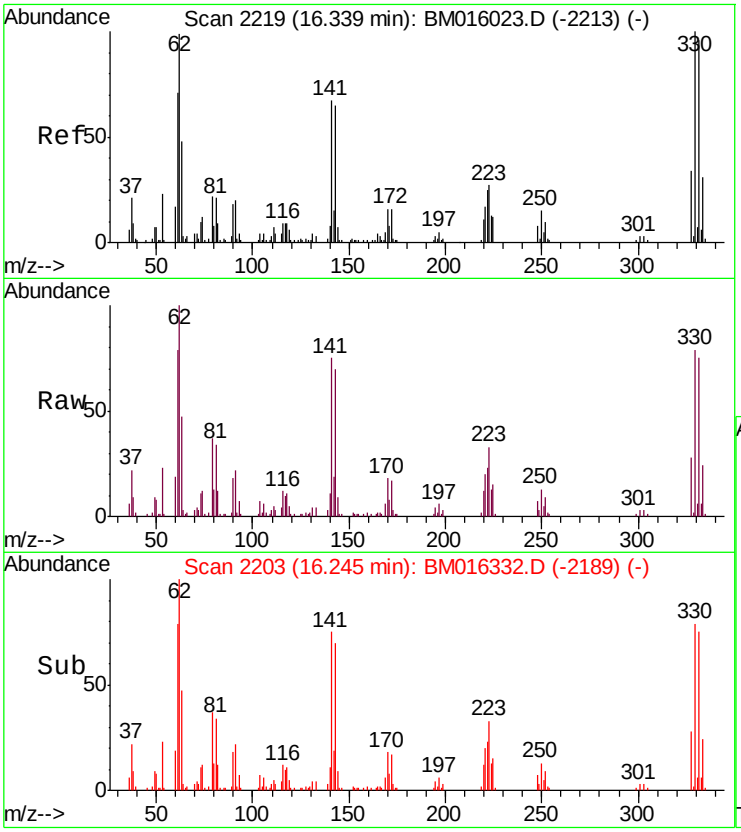


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM016332.D
Acq: 13 Aug 2018 19:12

Tgt Ion:164 Resp: 35030

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.4	123.6
160	51.8	35.8	53.6



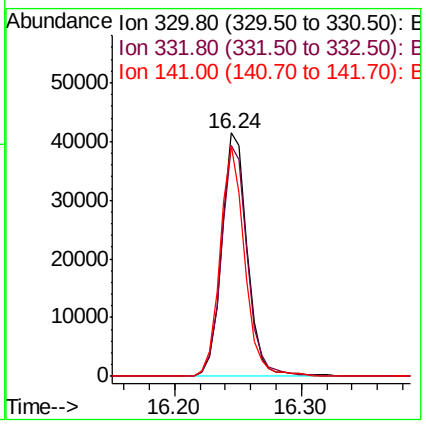


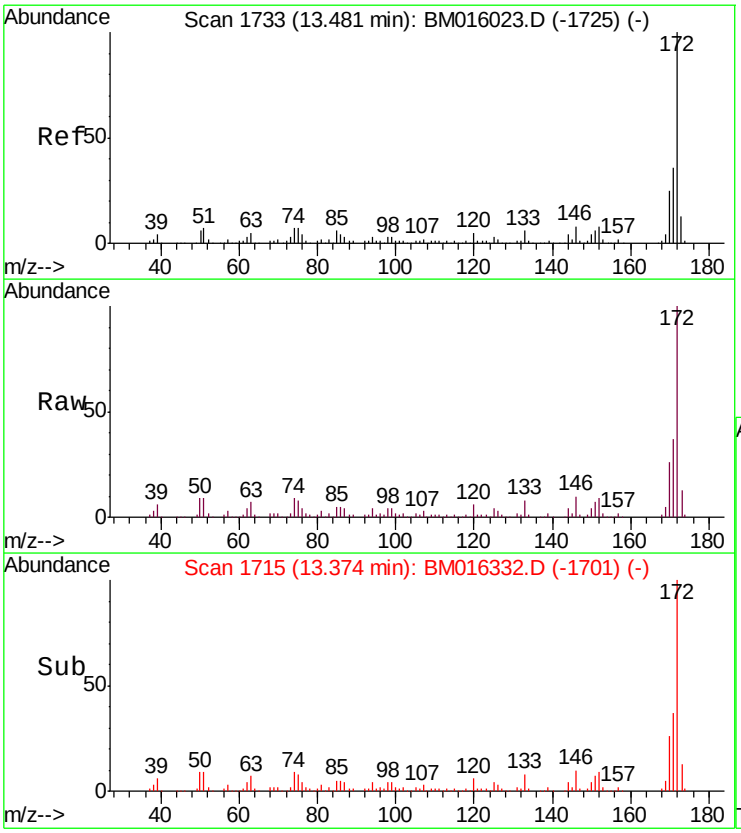
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.24 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BM016332.D
Acq: 13 Aug 2018 19:12

Instrument :
BNA_M
ClientSampleId :
SP-1-3

Tgt Ion:330 Resp: 57709

Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	91.3	0.0	0.0#

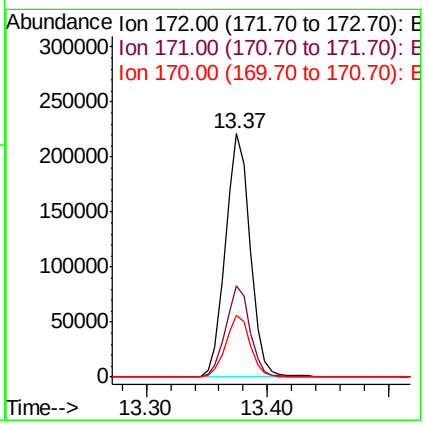


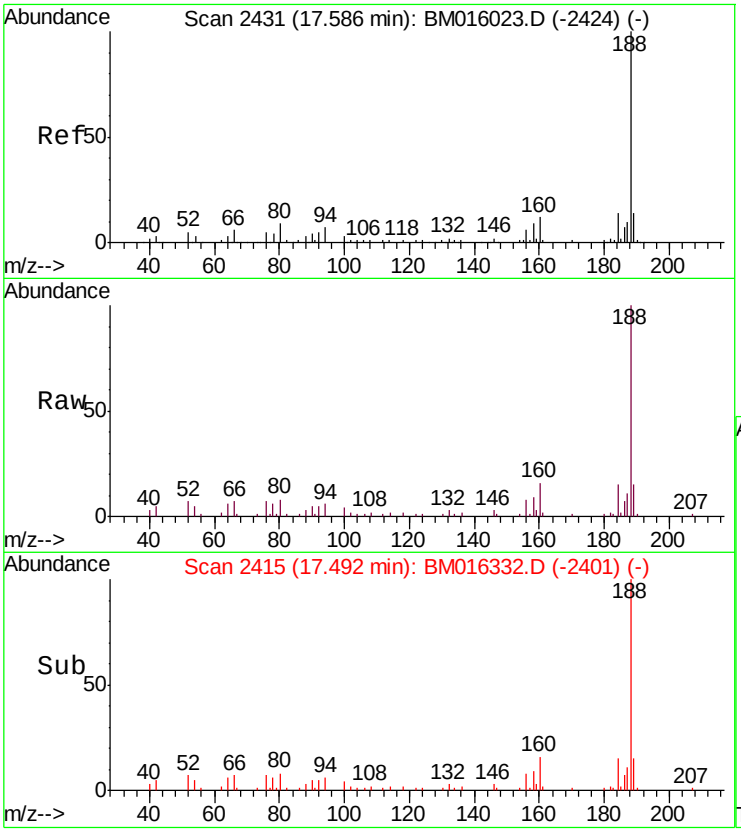


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.37 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BM016332.D
Acq: 13 Aug 2018 19:12

Tgt Ion:172 Resp: 315733

Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.5	42.7
170	25.6	18.8	28.2



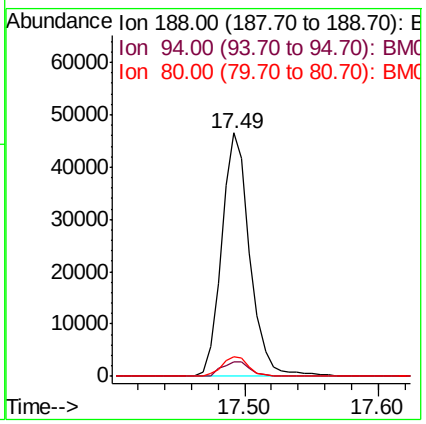


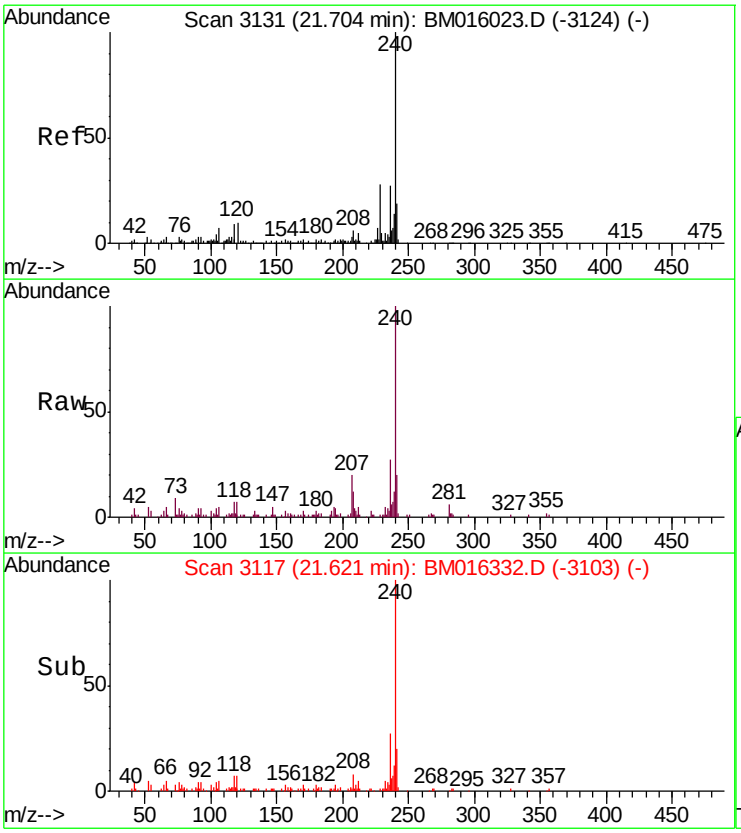
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2415
Delta R.T. -0.02 min
Lab File: BM016332.D
Acq: 13 Aug 2018 19:12

Instrument :
BNA_M
ClientSampleId :
SP-1-3

Tgt Ion:188 Resp: 68764

Ion	Ratio	Lower	Upper
188	100		
94	6.1	8.7	13.1#
80	8.1	9.3	13.9#

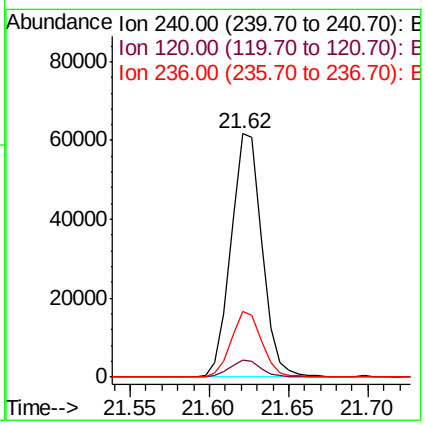


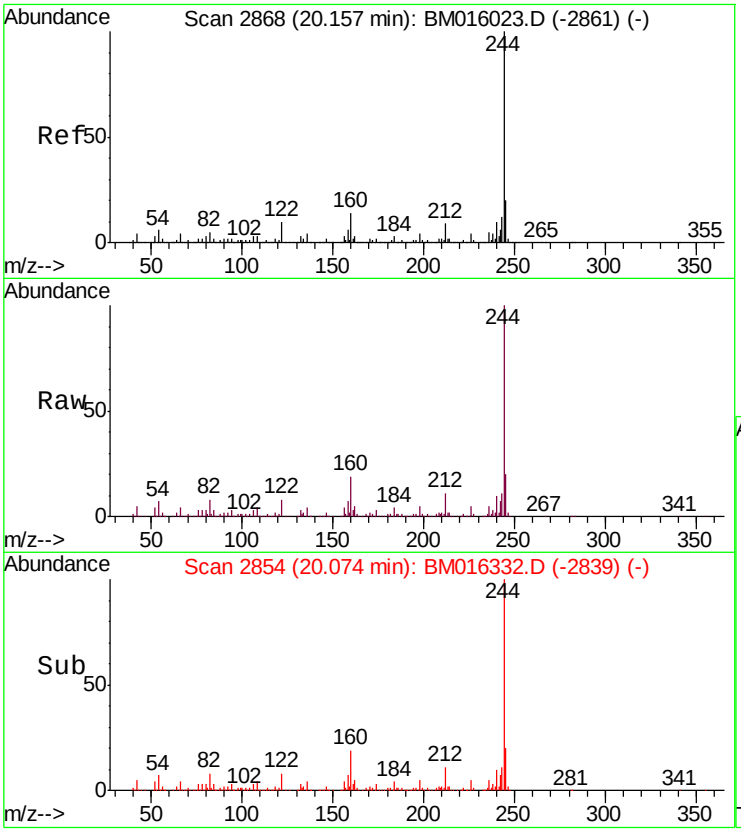


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3117
Delta R.T. -0.02 min
Lab File: BM016332.D
Acq: 13 Aug 2018 19:12

Tgt Ion:240 Resp: 83640

Ion	Ratio	Lower	Upper
240	100		
120	6.8	8.2	12.2#
236	26.8	20.0	30.0



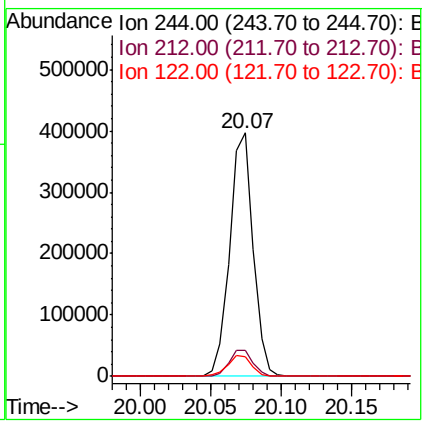


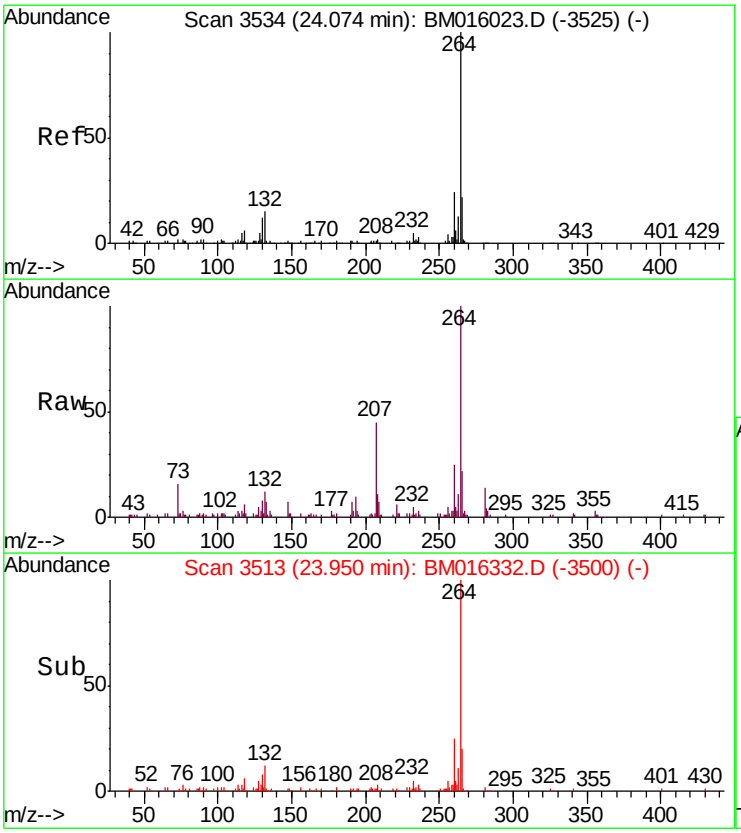
#78
Terphenyl-d14
Concen: N.D. ng
RT: 20.07 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BM016332.D
Acq: 13 Aug 2018 19:12

Instrument :
BNA_M
ClientSampleId :
SP-1-3

Tgt Ion:244 Resp: 456650

Ion	Ratio	Lower	Upper
244	100		
212	10.6	4.9	7.3#
122	8.2	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.95 min Scan# 3513
Delta R.T. -0.02 min
Lab File: BM016332.D
Acq: 13 Aug 2018 19:12

Tgt Ion:264 Resp: 101031

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.6	27.8
265	21.7	17.3	25.9