Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
Data File : BM016456.D
Acq On : 18 Aug 2018 02:34
Operator : SJ/JU
Sample : J4500-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-1RE

Quant Time: Aug 18 04:06:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM081718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 17 16:27:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	10553	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	37612	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	23890	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	76641	20.00	ng	0.00
75) Chrysene-d12	21.58	240	101464	20.00	ng	0.00
86) Perylene-d12	23.89	264	116197	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	97053	154.56	ng	0.00
7) Phenol-d6	7.23	99	109276	129.47	ng	0.00
23) Nitrobenzene-d5	9.24	82	112049	124.07	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	82874	229.68	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	243222	105.87	ng	0.00
78) Terphenyl-d14	20.03	244	966466	143.97	ng	0.00
Target Compounds						Qvalue

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

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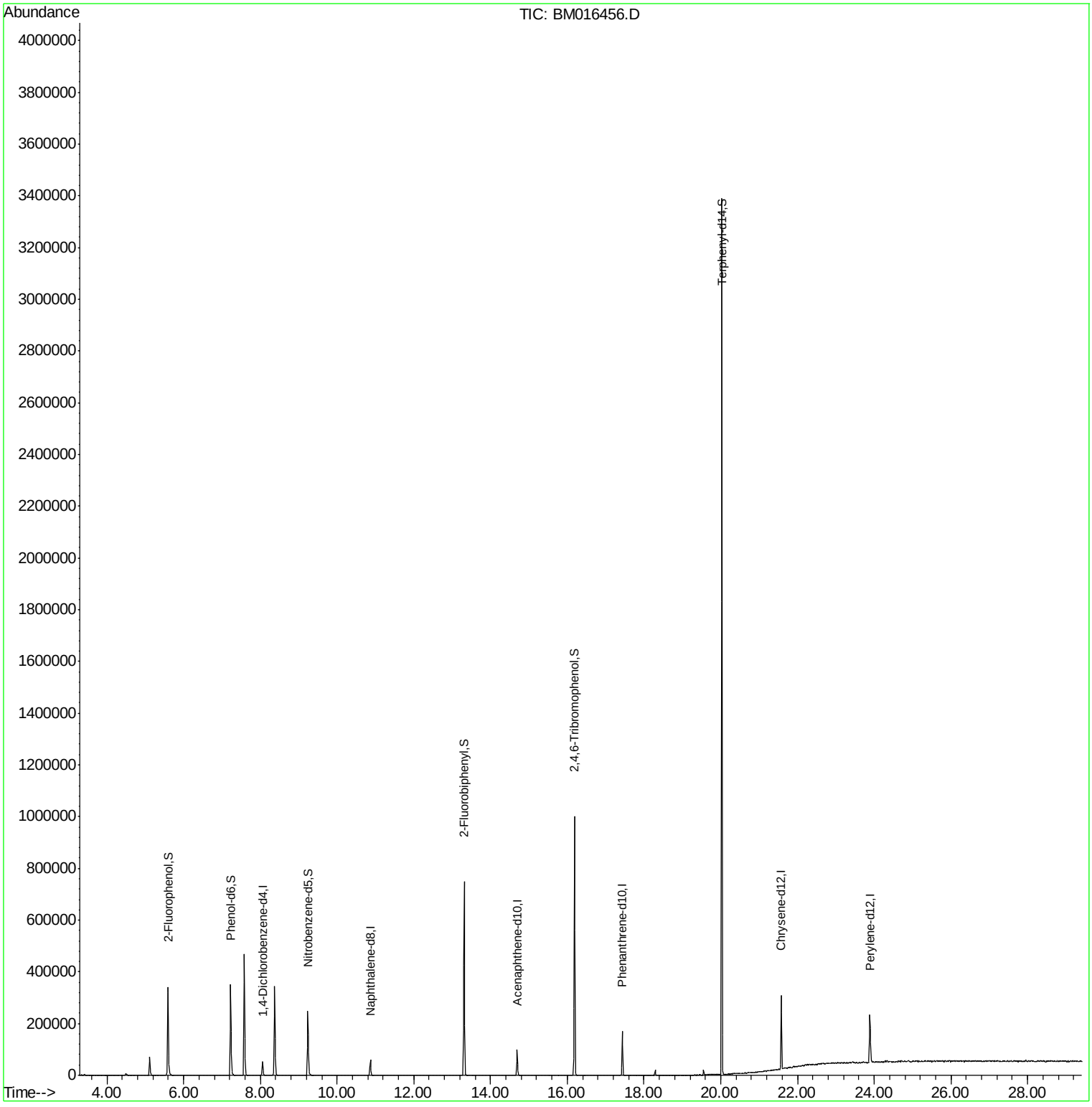
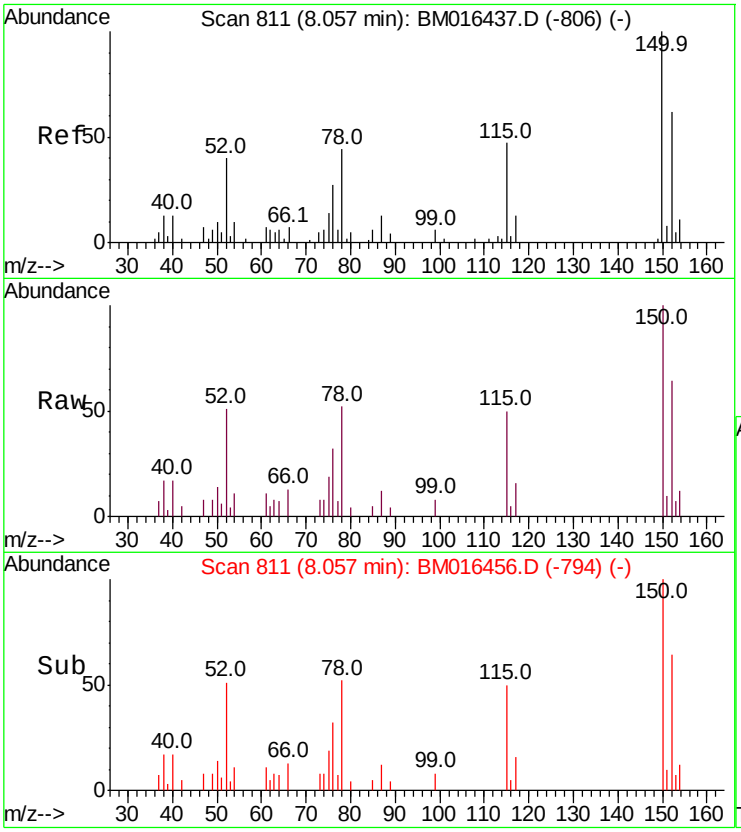


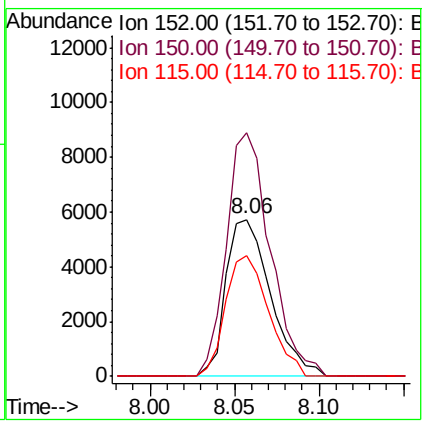


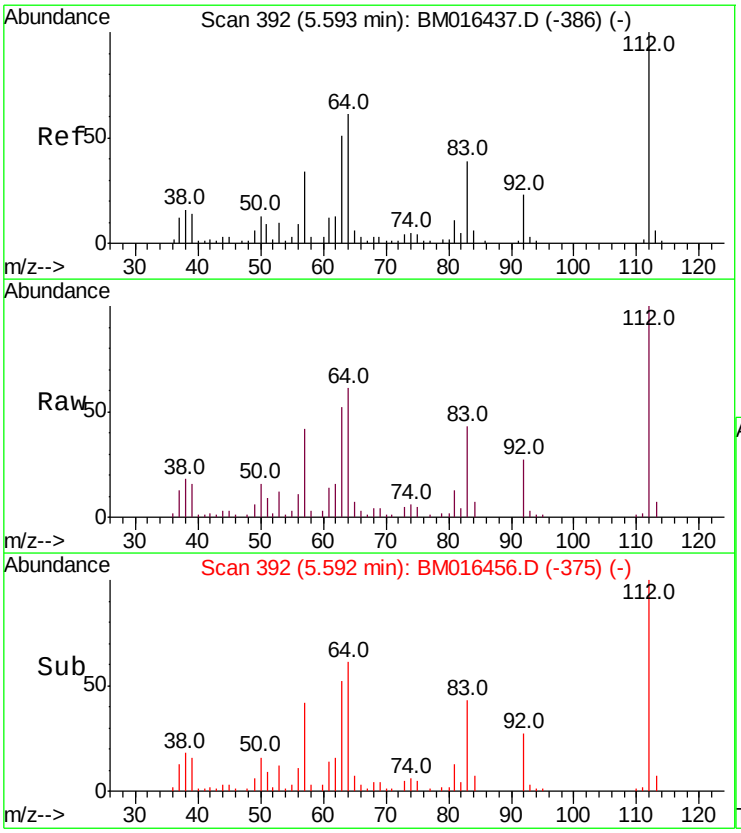
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.00 min
Lab File: BM016456.D
Acq: 18 Aug 2018 02:34

Instrument :
BNA_M
ClientSampleId :
TP-1RE

Tgt Ion:152 Resp: 10553

Ion	Ratio	Lower	Upper
152	100		
150	155.2	119.5	179.3
115	76.9	43.0	64.4#

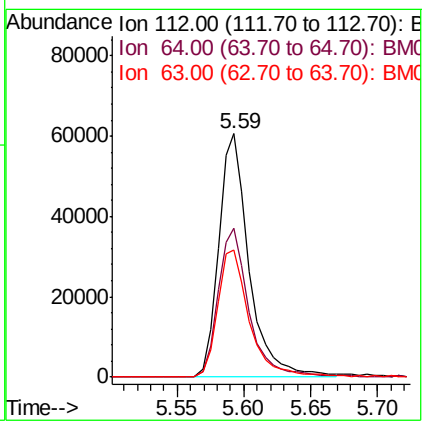


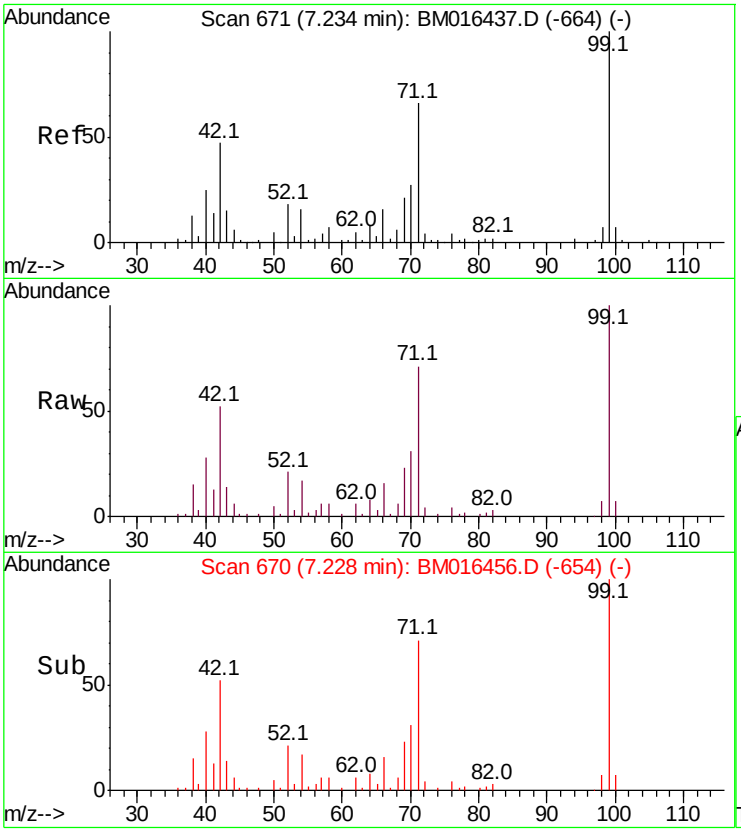


#5
2-Fluorophenol
Concen: N.D. ng
RT: 5.59 min Scan# 392
Delta R.T. 0.00 min
Lab File: BM016456.D
Acq: 18 Aug 2018 02:34

Tgt Ion:112 Resp: 97053

Ion	Ratio	Lower	Upper
112	100		
64	61.1	38.6	57.8#
63	52.0	19.3	28.9#



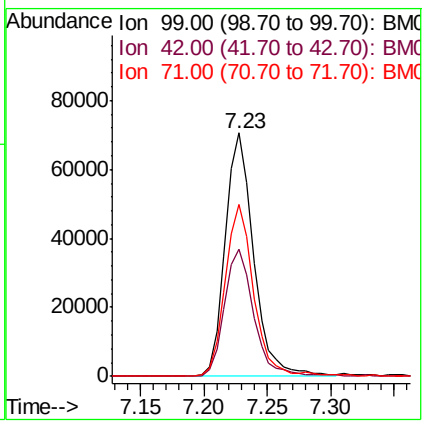


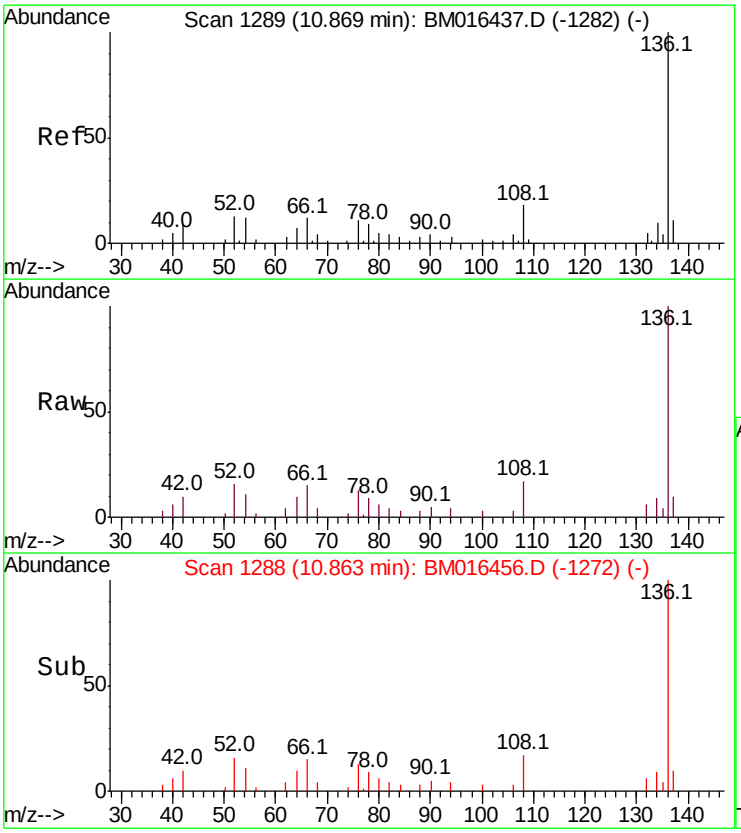
#7
Phenol-d6
Concen: N.D. ng
RT: 7.23 min Scan# 670
Delta R.T. -0.01 min
Lab File: BM016456.D
Acq: 18 Aug 2018 02:34

Instrument :
BNA_M
ClientSampleId :
TP-1RE

Tgt Ion: 99 Resp: 109276

Ion	Ratio	Lower	Upper
99	100		
42	52.1	11.0	16.4#
71	70.7	23.4	35.2#

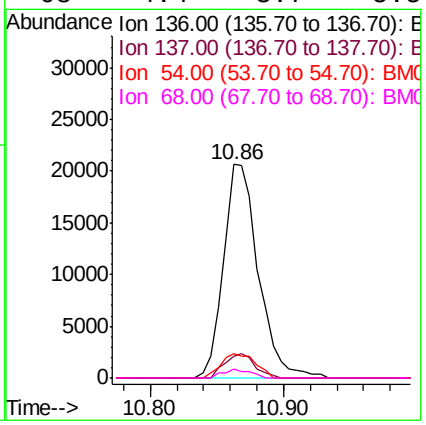


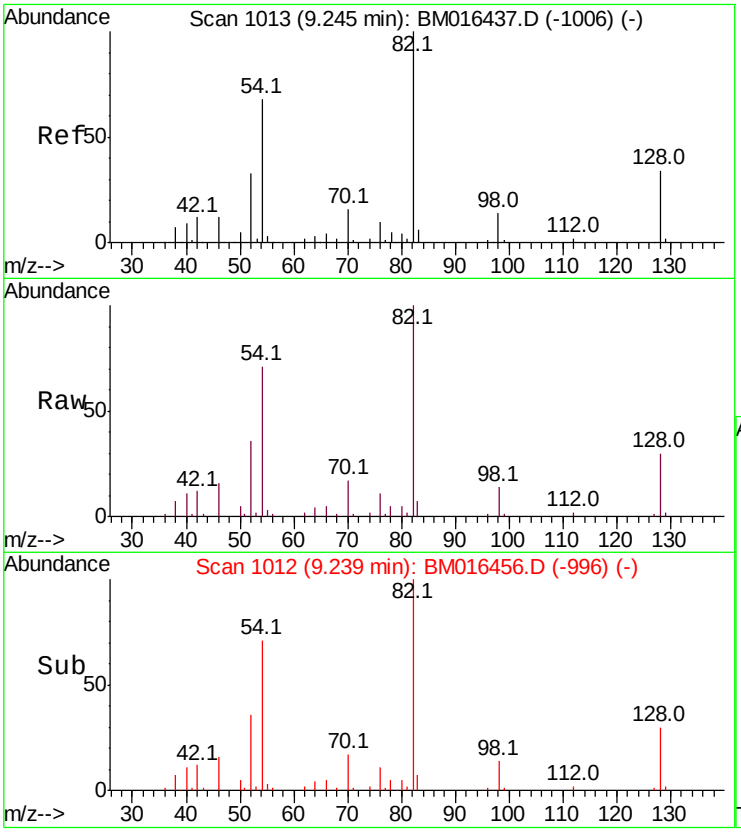


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BM016456.D
Acq: 18 Aug 2018 02:34

Tgt Ion:136 Resp: 37612

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	11.5	4.6	6.8#
68	4.4	3.7	5.5



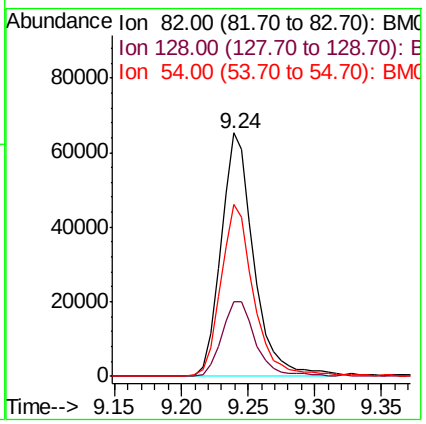


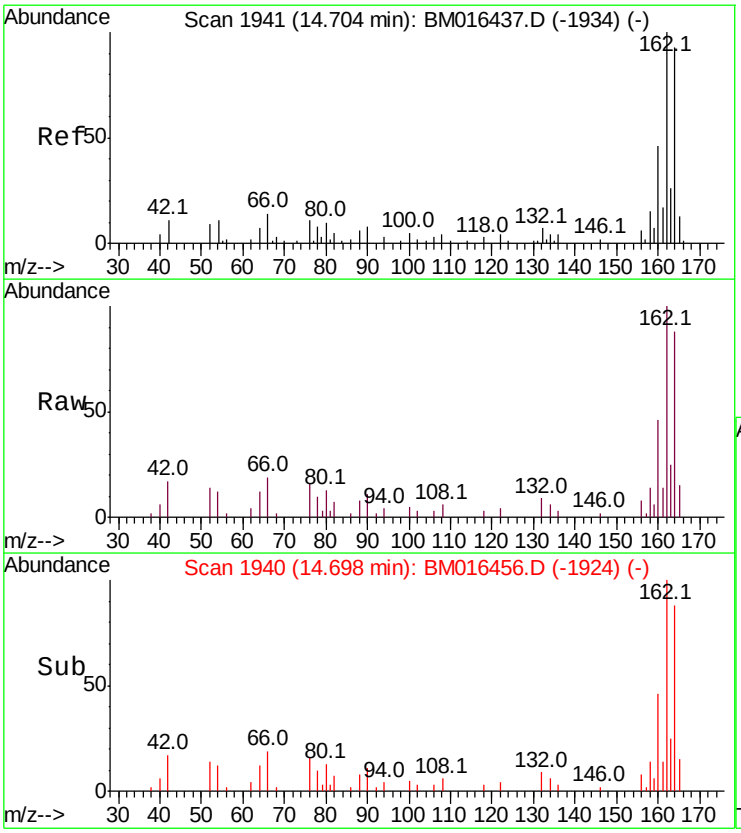
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM016456.D
Acq: 18 Aug 2018 02:34

Instrument :
BNA_M
ClientSampleId :
TP-1RE

Tgt Ion: 82 Resp: 112049

Ion	Ratio	Lower	Upper
82	100		
128	30.5	32.8	49.2#
54	70.7	40.6	60.8#

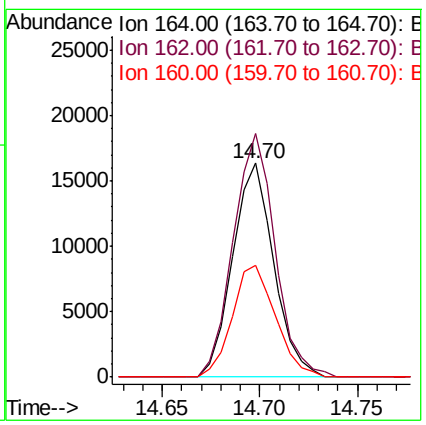


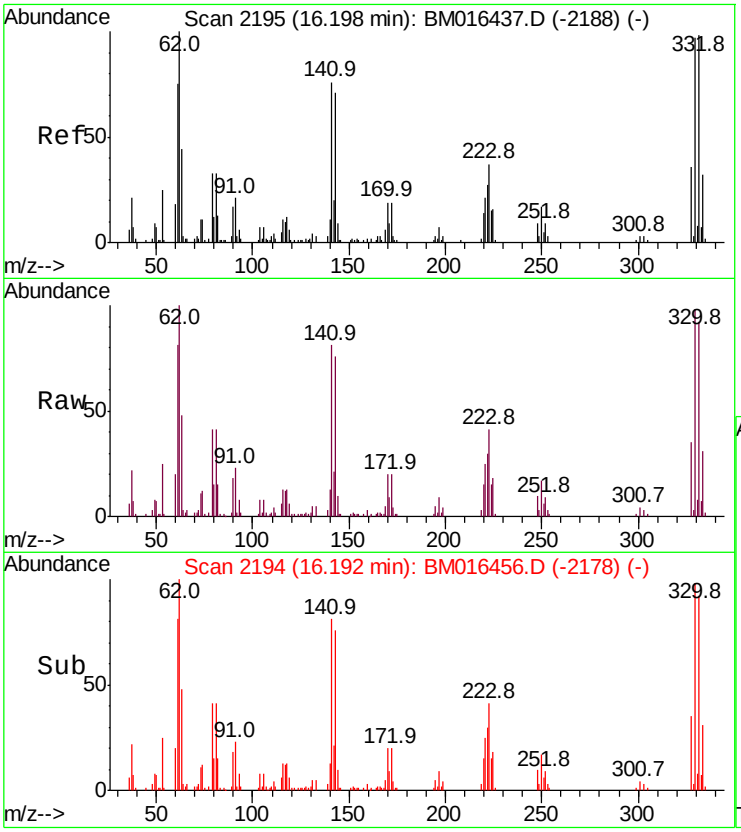


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BM016456.D
Acq: 18 Aug 2018 02:34

Tgt Ion:164 Resp: 23890

Ion	Ratio	Lower	Upper
164	100		
162	113.9	82.4	123.6
160	52.0	35.8	53.6



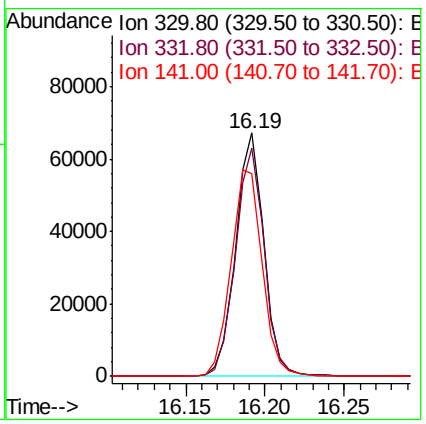


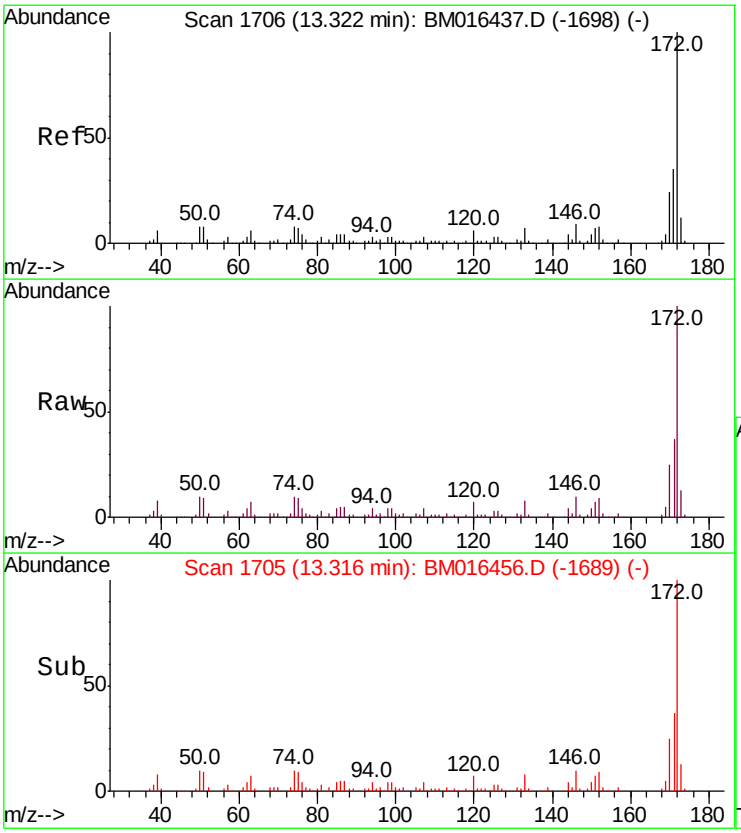
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.19 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BM016456.D
Acq: 18 Aug 2018 02:34

Instrument :
BNA_M
ClientSampleId :
TP-1RE

Tgt Ion:330 Resp: 82874

Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	93.7	0.0	0.0#

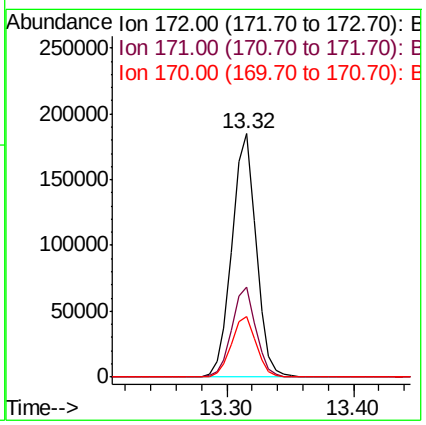


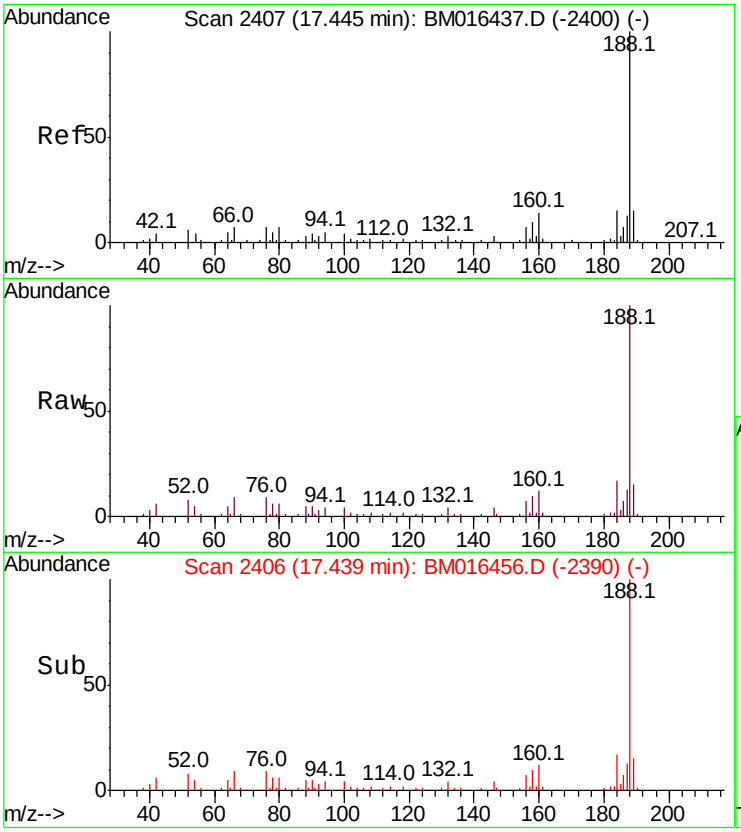


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.32 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM016456.D
Acq: 18 Aug 2018 02:34

Tgt Ion:172 Resp: 243222

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.5	42.7
170	24.7	18.8	28.2



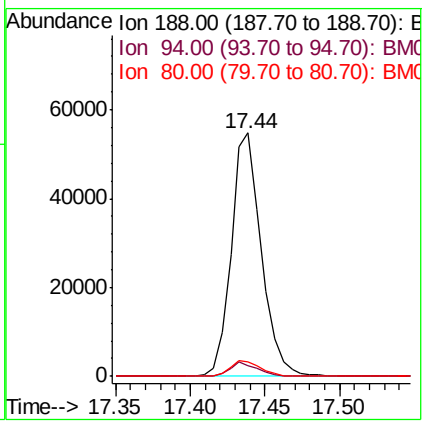


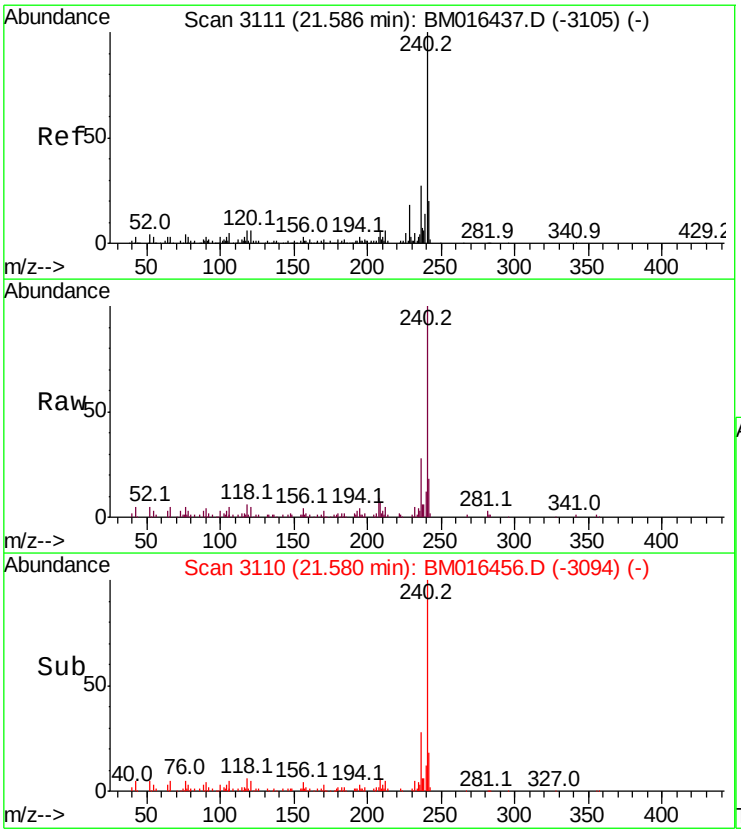
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM016456.D
Acq: 18 Aug 2018 02:34

Instrument :
BNA_M
ClientSampleId :
TP-1RE

Tgt Ion:188 Resp: 76641

Ion	Ratio	Lower	Upper
188	100		
94	4.3	8.7	13.1#
80	5.9	9.3	13.9#

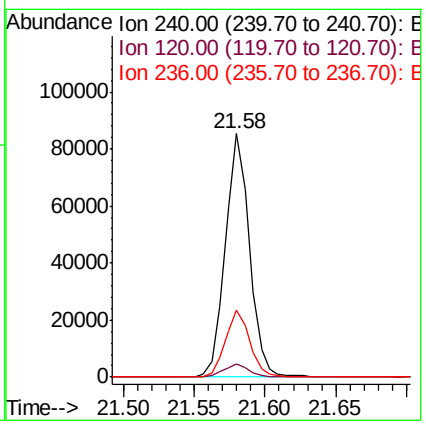


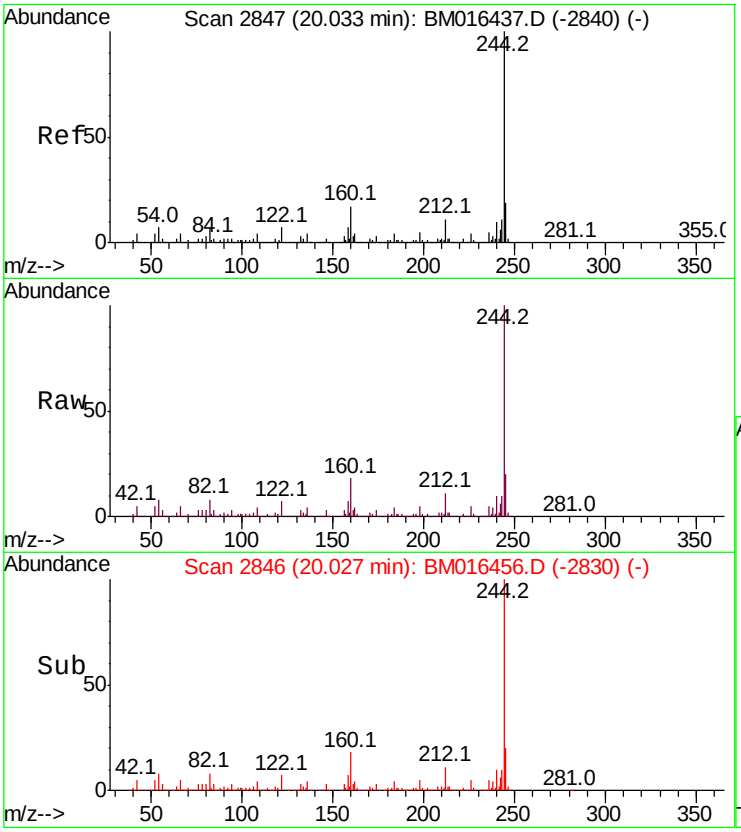


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM016456.D
Acq: 18 Aug 2018 02:34

Tgt Ion:240 Resp: 101464

Ion	Ratio	Lower	Upper
240	100		
120	5.4	8.2	12.2#
236	27.6	20.0	30.0



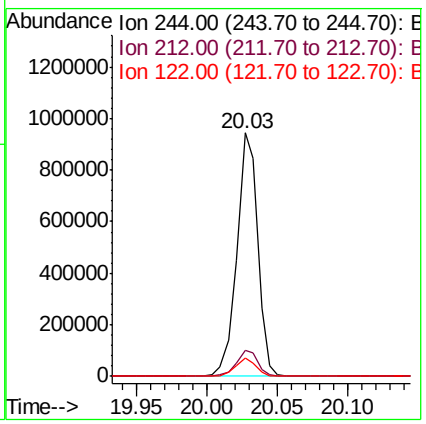


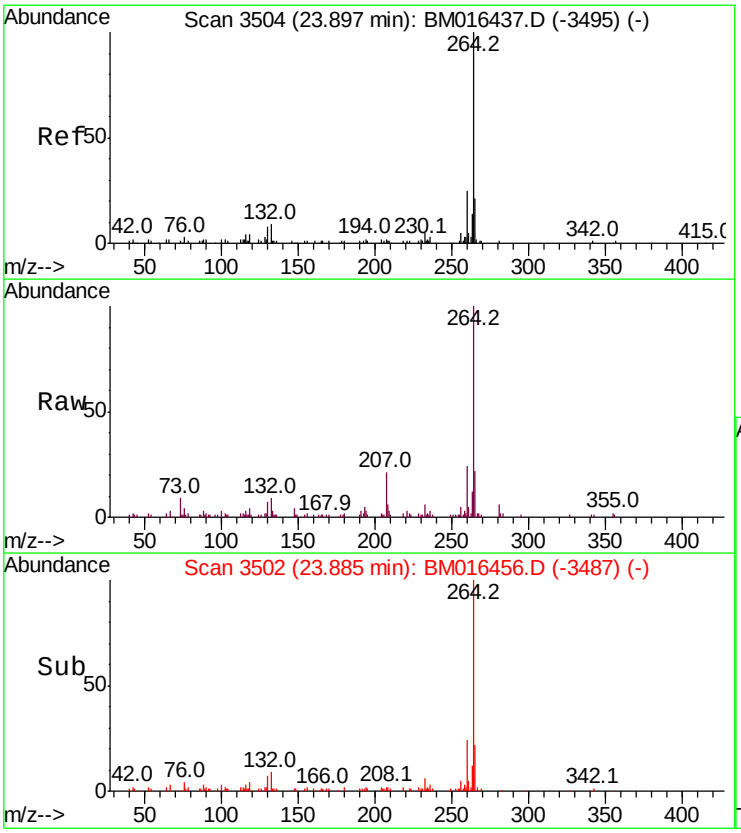
#78
Terphenyl-d14
Concen: N.D. ng
RT: 20.03 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BM016456.D
Acq: 18 Aug 2018 02:34

Instrument :
BNA_M
ClientSampleId :
TP-1RE

Tgt Ion:244 Resp: 966466

Ion	Ratio	Lower	Upper
244	100		
212	10.8	4.9	7.3#
122	7.3	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.89 min Scan# 3502
Delta R.T. -0.01 min
Lab File: BM016456.D
Acq: 18 Aug 2018 02:34

Tgt Ion:264 Resp: 116197

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	22.5	17.3	25.9