Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
Data File : BM016473.D
Acq On : 18 Aug 2018 14:42
Operator : SJ/JU
Sample : J4523-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-1

Quant Time: Aug 20 01:58:55 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	8.05	152	8657	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	35319	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	23288	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	64043	20.00	ng	-0.01
75) Chrysene-d12	21.58	240	89265	20.00	ng	0.00
86) Perylene-d12	23.88	264	84017	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	80600	156.47	ng	0.00
7) Phenol-d6	7.23	99	94192	136.04	ng	0.00
23) Nitrobenzene-d5	9.24	82	93466	110.21	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	72959	207.43	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	223604	99.84	ng	-0.01
78) Terphenyl-d14	20.03	244	540938	91.59	ng	0.00
Target Compounds						Qvalue

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

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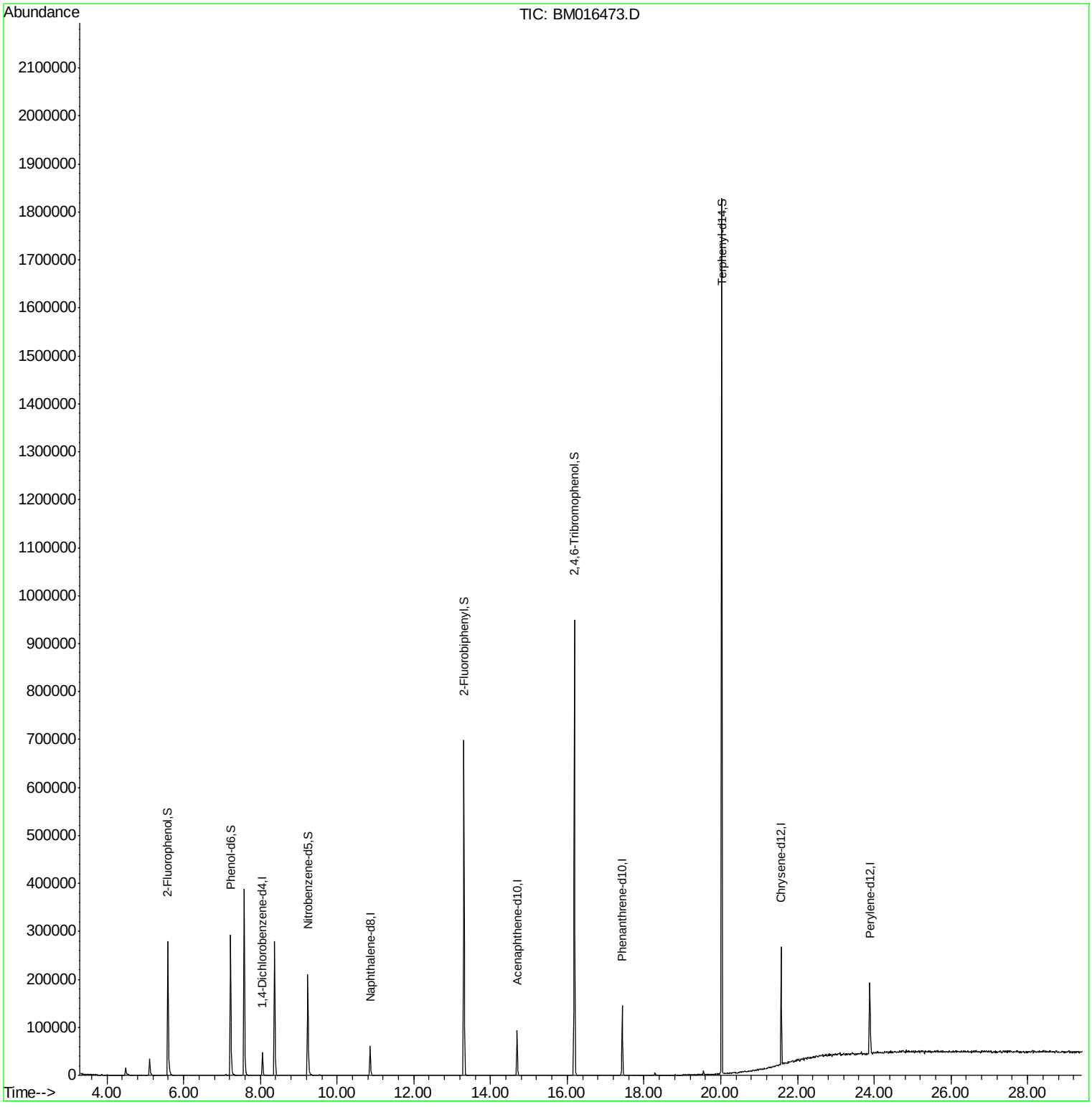
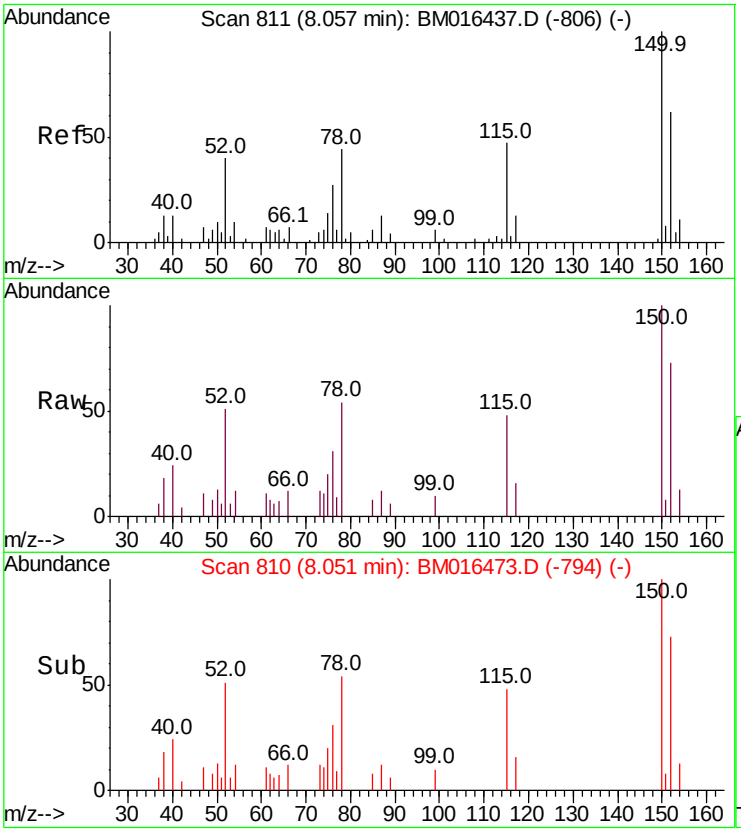


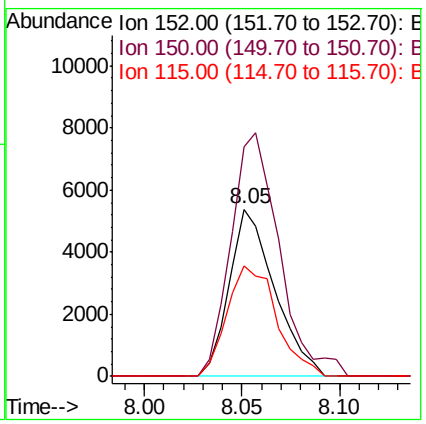


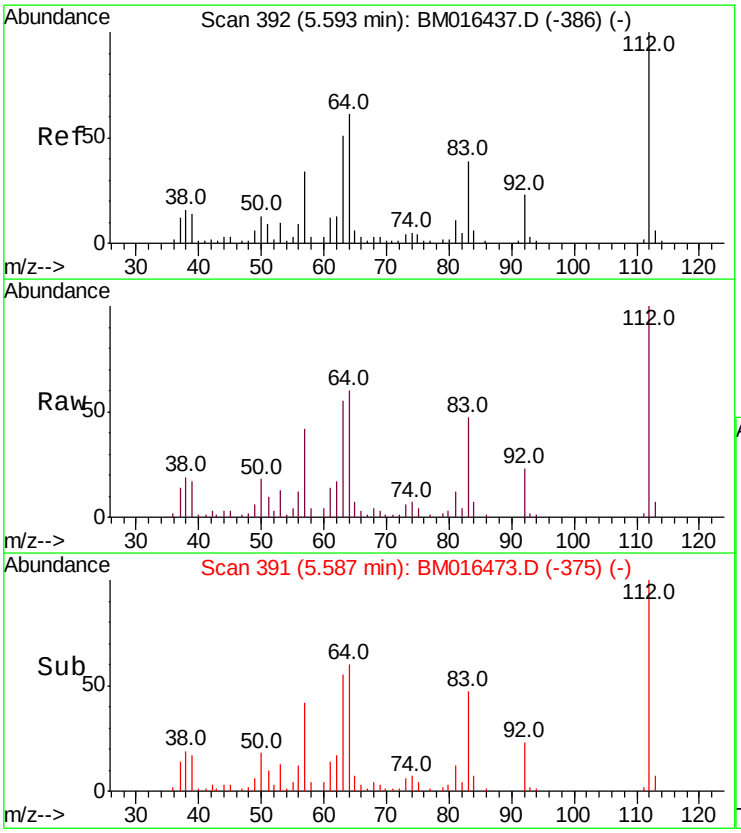
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BM016473.D
Acq: 18 Aug 2018 14:42

Instrument :
BNA_M
ClientSampleId :
WC-1

Tgt Ion:152 Resp: 8657

Ion	Ratio	Lower	Upper
152	100		
150	137.4	119.5	179.3
115	65.8	43.0	64.4#

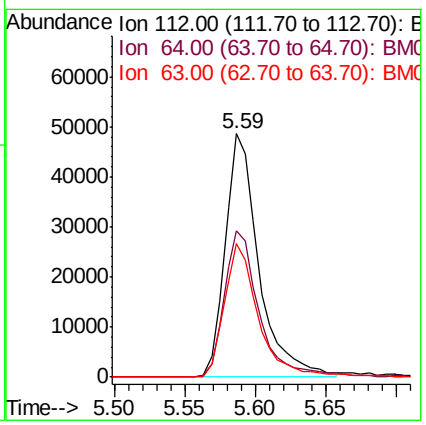


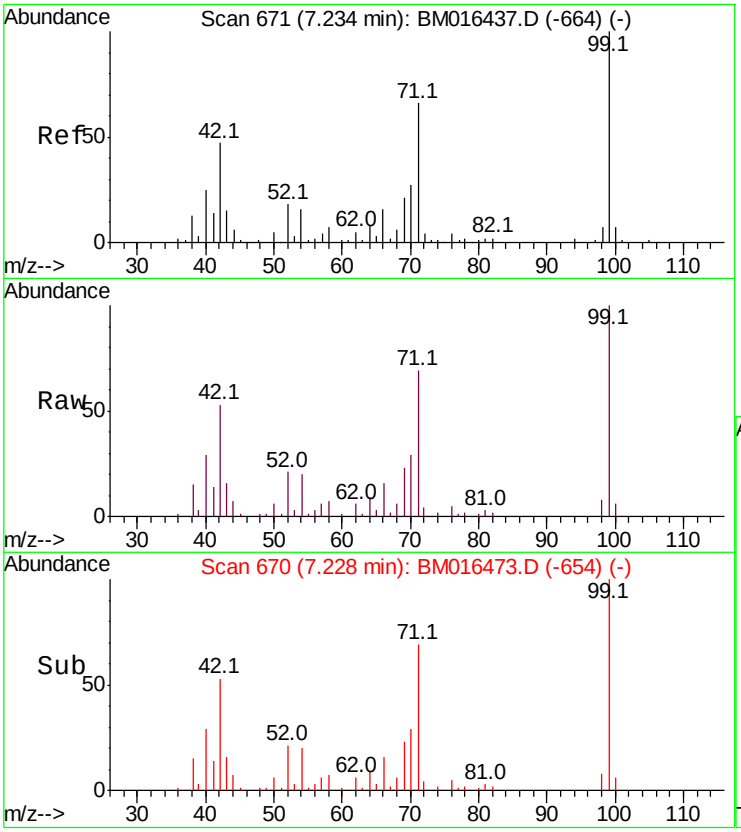


#5
2-Fluorophenol
Concen: N.D. ng
RT: 5.59 min Scan# 391
Delta R.T. -0.01 min
Lab File: BM016473.D
Acq: 18 Aug 2018 14:42

Tgt Ion:112 Resp: 80600

Ion	Ratio	Lower	Upper
112	100		
64	60.0	38.6	57.8#
63	54.9	19.3	28.9#



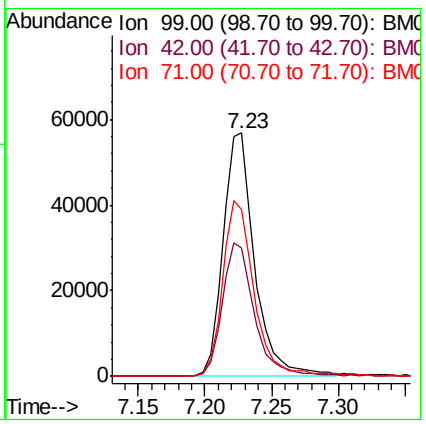


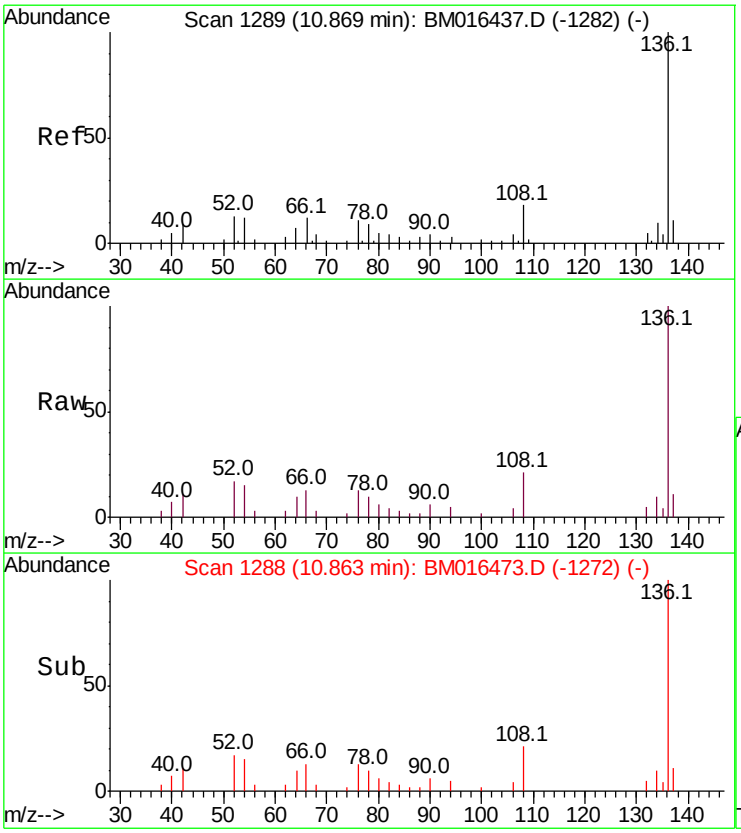
#7
Phenol-d6
Concen: N.D. ng
RT: 7.23 min Scan# 670
Delta R.T. -0.01 min
Lab File: BM016473.D
Acq: 18 Aug 2018 14:42

Instrument :
BNA_M
ClientSampleId :
WC-1

Tgt Ion: 99 Resp: 94192

Ion	Ratio	Lower	Upper
99	100		
42	52.6	11.0	16.4#
71	68.5	23.4	35.2#

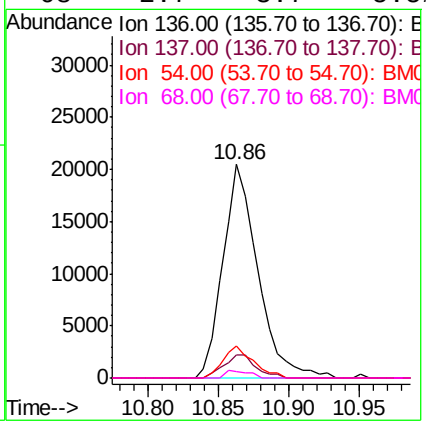


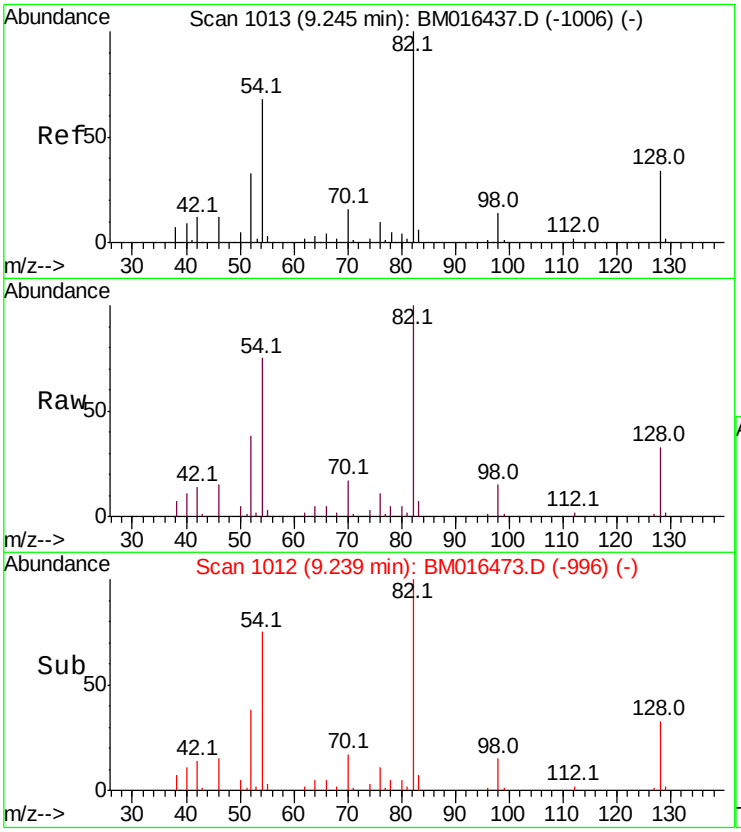


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BM016473.D
Acq: 18 Aug 2018 14:42

Tgt Ion:136 Resp: 35319

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	14.8	4.6	6.8#
68	2.7	3.7	5.5#



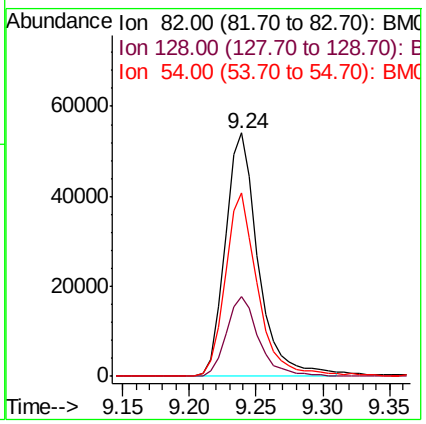


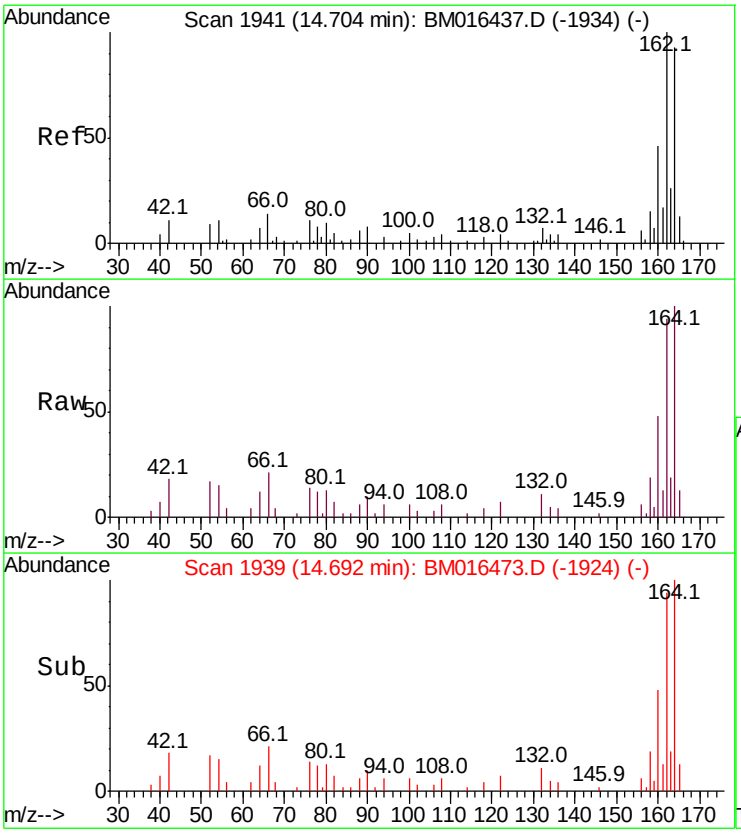
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM016473.D
Acq: 18 Aug 2018 14:42

Instrument :
BNA_M
ClientSampleId :
WC-1

Tgt Ion: 82 Resp: 93466

Ion	Ratio	Lower	Upper
82	100		
128	32.6	32.8	49.2#
54	75.5	40.6	60.8#

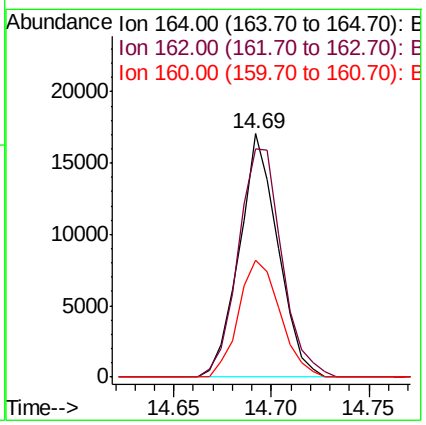


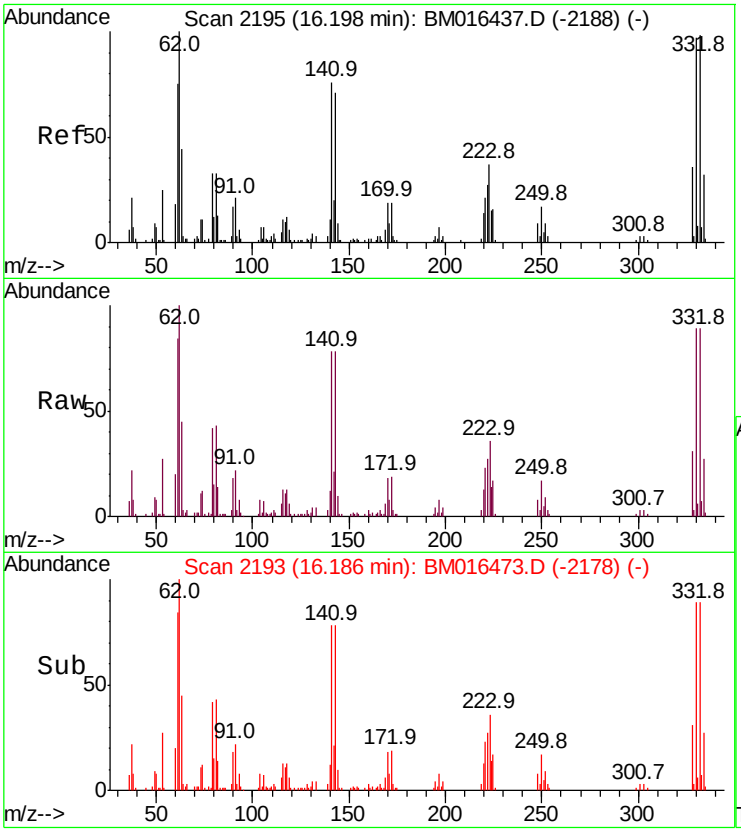


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM016473.D
Acq: 18 Aug 2018 14:42

Tgt Ion:164 Resp: 23288

Ion	Ratio	Lower	Upper
164	100		
162	93.5	82.4	123.6
160	48.0	35.8	53.6



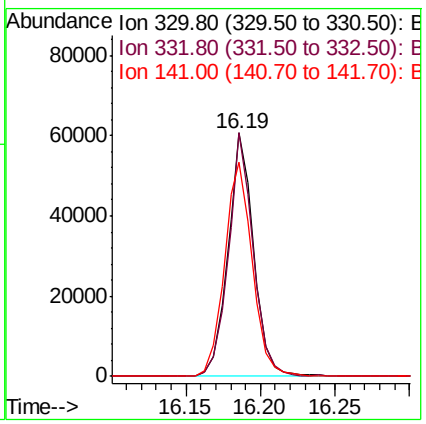


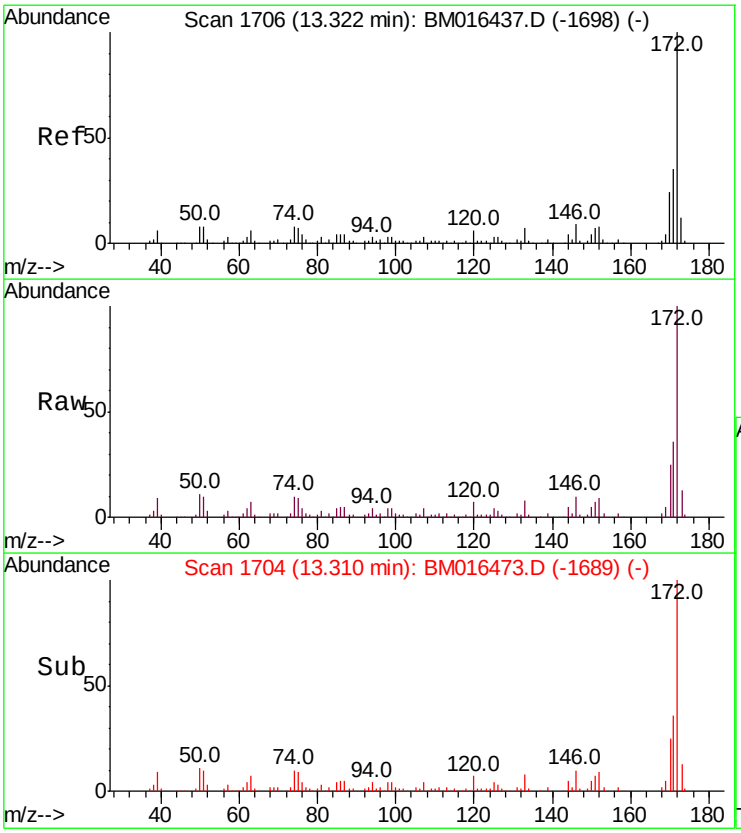
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.19 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BM016473.D
Acq: 18 Aug 2018 14:42

Instrument :
BNA_M
ClientSampleId :
WC-1

Tgt Ion:330 Resp: 72959

Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	95.7	0.0	0.0#

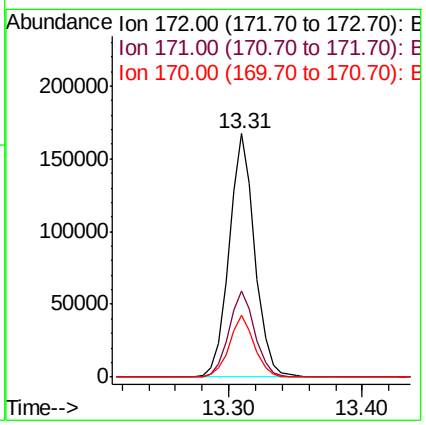


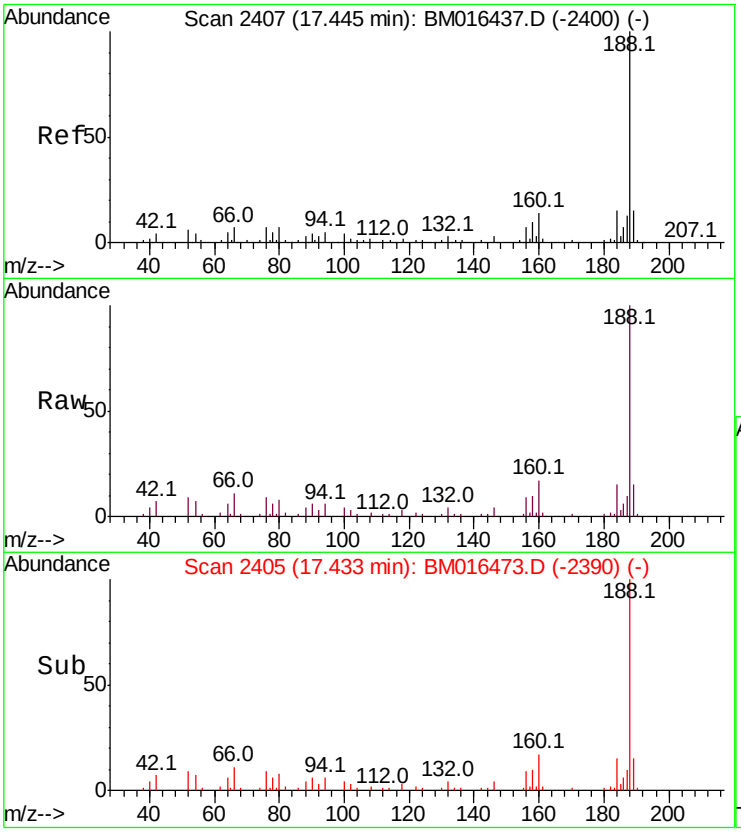


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.31 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM016473.D
Acq: 18 Aug 2018 14:42

Tgt Ion:172 Resp: 223604

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	25.4	18.8	28.2



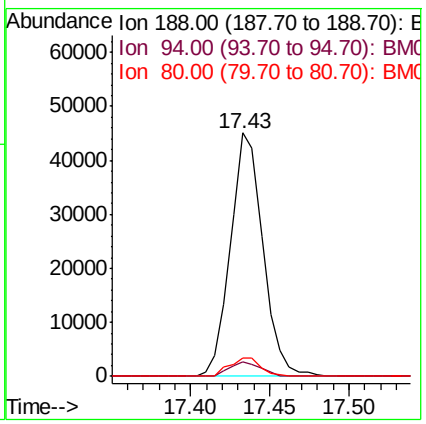


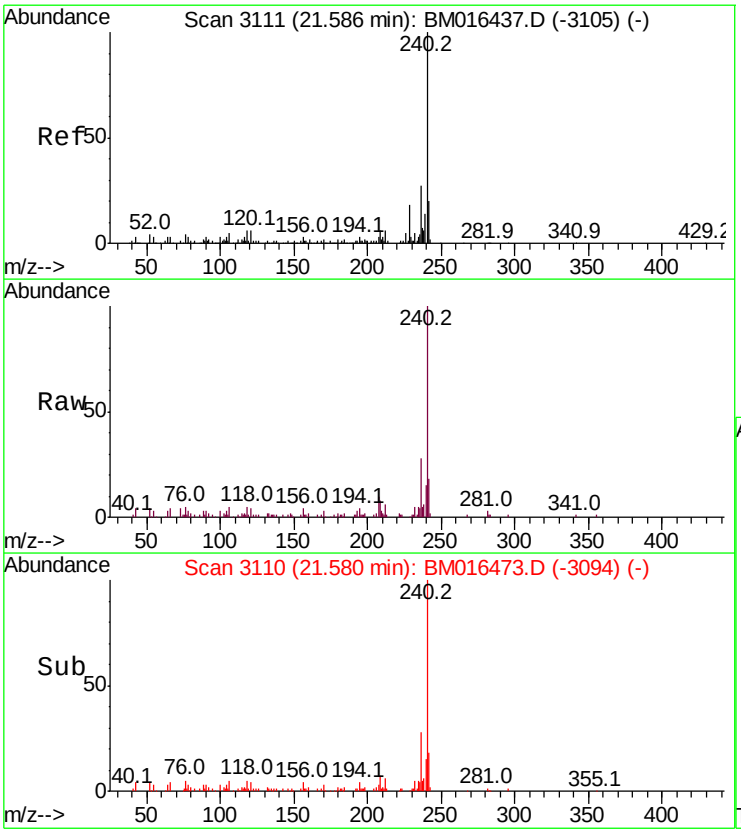
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BM016473.D
Acq: 18 Aug 2018 14:42

Instrument :
BNA_M
ClientSampleId :
WC-1

Tgt Ion:188 Resp: 64043

Ion	Ratio	Lower	Upper
188	100		
94	5.7	8.7	13.1#
80	7.5	9.3	13.9#

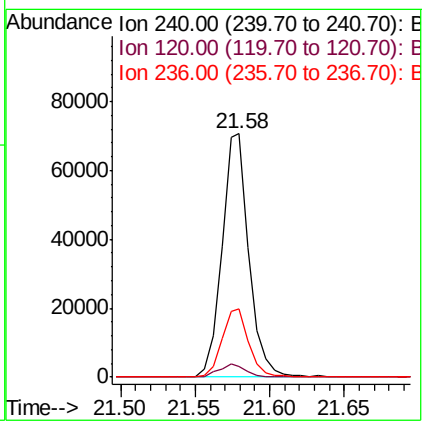


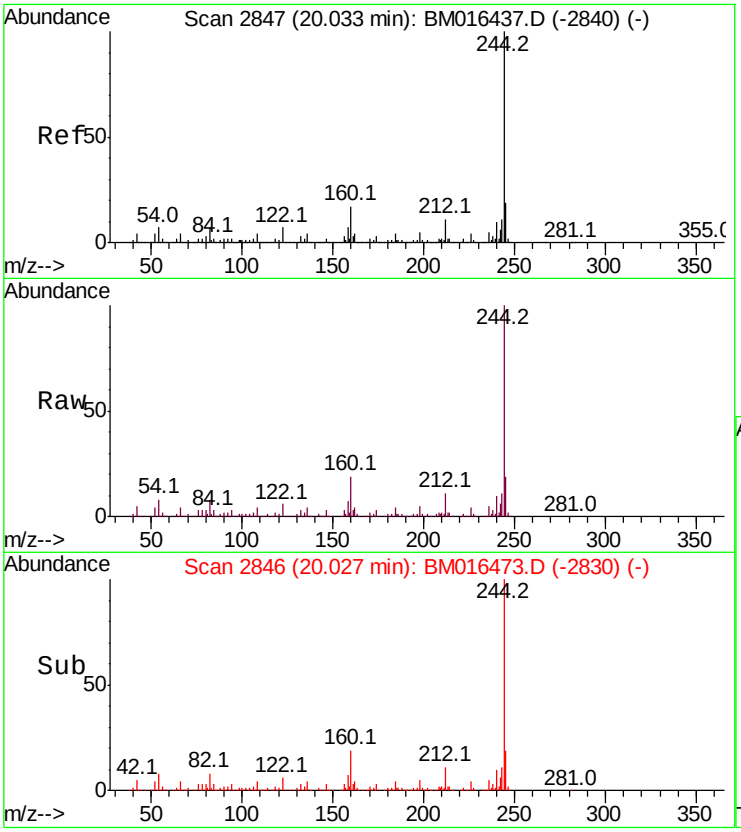


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM016473.D
Acq: 18 Aug 2018 14:42

Tgt Ion:240 Resp: 89265

Ion	Ratio	Lower	Upper
240	100		
120	4.3	8.2	12.2#
236	28.0	20.0	30.0



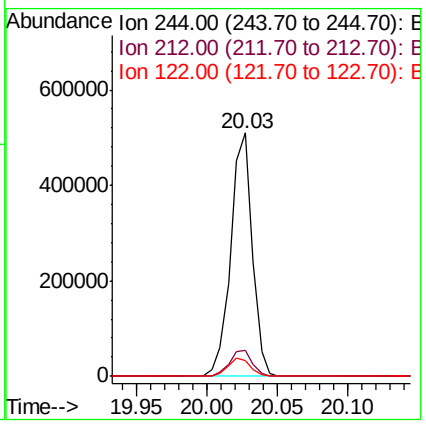


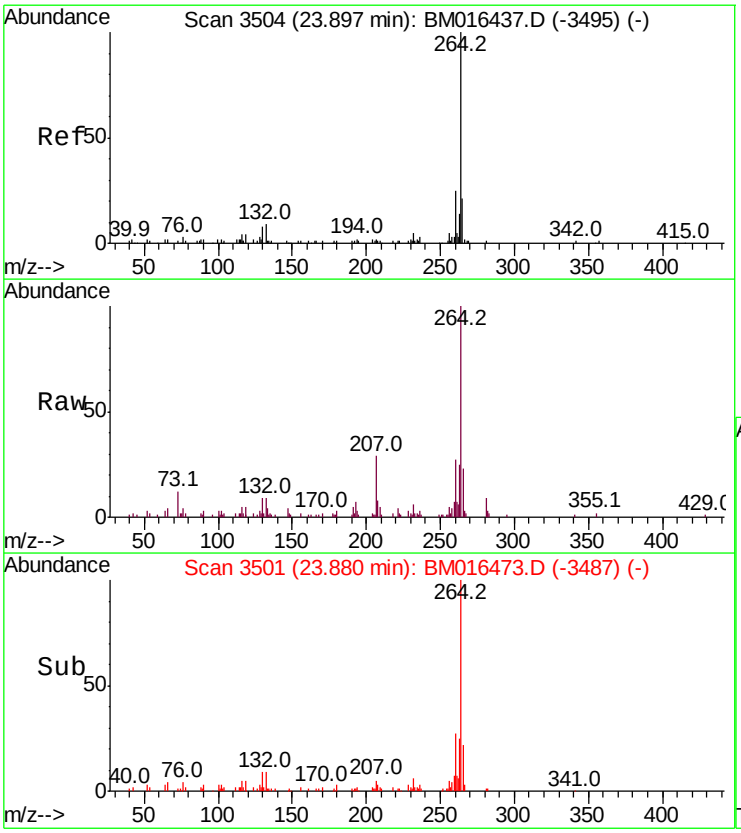
#78
Terphenyl-d14
Concen: N.D. ng
RT: 20.03 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BM016473.D
Acq: 18 Aug 2018 14:42

Instrument :
BNA_M
ClientSampleId :
WC-1

Tgt Ion:244 Resp: 540938

Ion	Ratio	Lower	Upper
244	100		
212	10.8	4.9	7.3#
122	6.4	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.88 min Scan# 3501
Delta R.T. -0.02 min
Lab File: BM016473.D
Acq: 18 Aug 2018 14:42

Tgt Ion:264 Resp: 84017

Ion	Ratio	Lower	Upper
264	100		
260	26.6	18.6	27.8
265	22.9	17.3	25.9