Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090518\
Data File : BM016673.D
Acq On : 05 Sep 2018 16:05
Operator : SJ/JU
Sample : J4724-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EP1-SUT-UST-02

Quant Time: Sep 05 17:54:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 16:42:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	56573	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	185185	20.00	ng	0.00
38) Acenaphthene-d10	14.61	164	126894	20.00	ng	0.00
63) Phenanthrene-d10	17.35	188	373873	20.00	ng	0.00
75) Chrysene-d12	21.50	240	538928	20.00	ng	0.00
86) Perylene-d12	23.77	264	687426	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	200246	69.36	ng	0.00
7) Phenol-d6	7.15	99	244551	64.01	ng	0.00
23) Nitrobenzene-d5	9.15	82	222793	54.93	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	240488	67.80	ng	0.00
44) 2-Fluorobiphenyl	13.22	172	637781	48.31	ng	0.00
78) Terphenyl-d14	19.94	244	1462160	57.42	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.07	163	177273	14.541	ng	# 96

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

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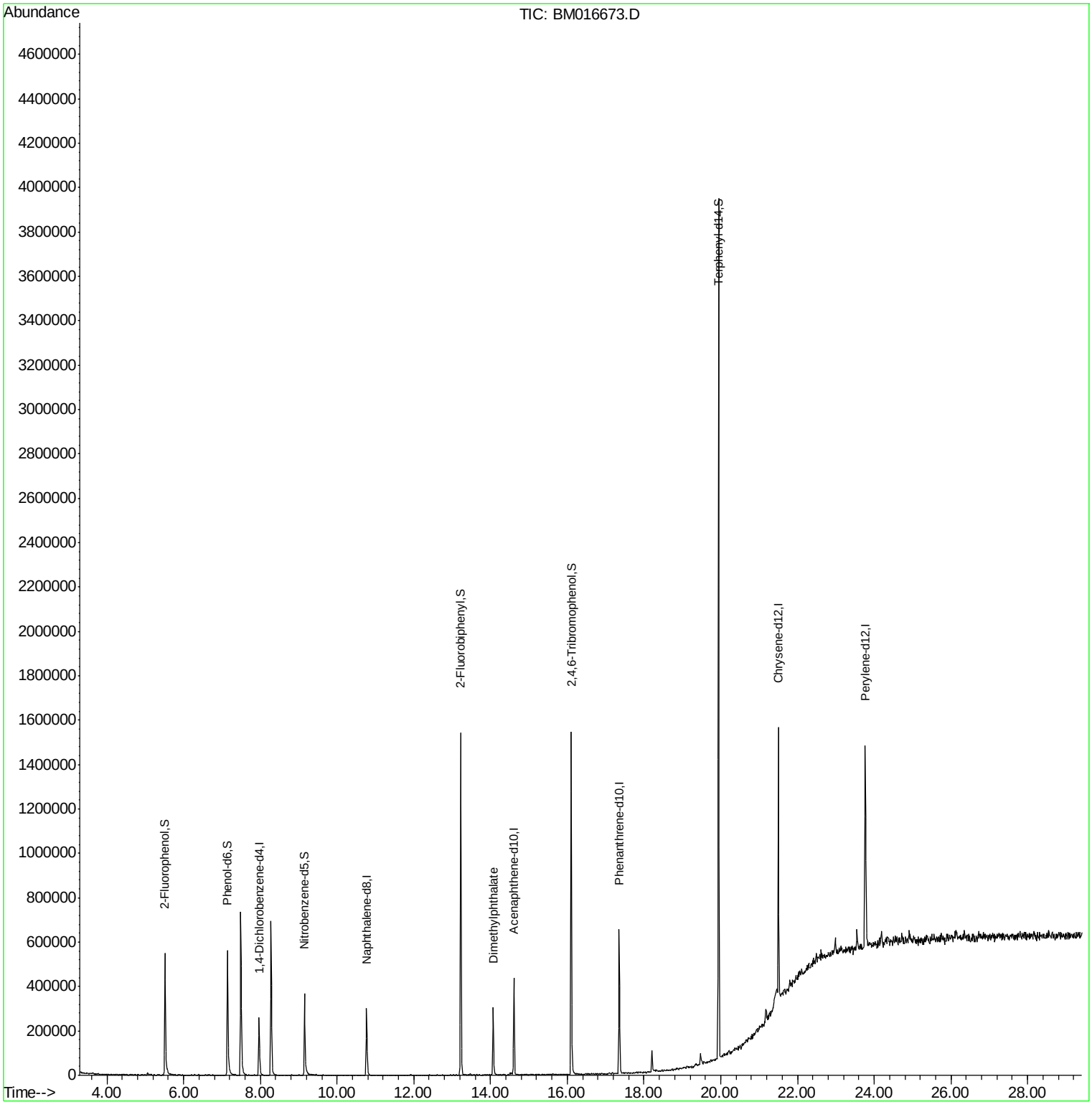
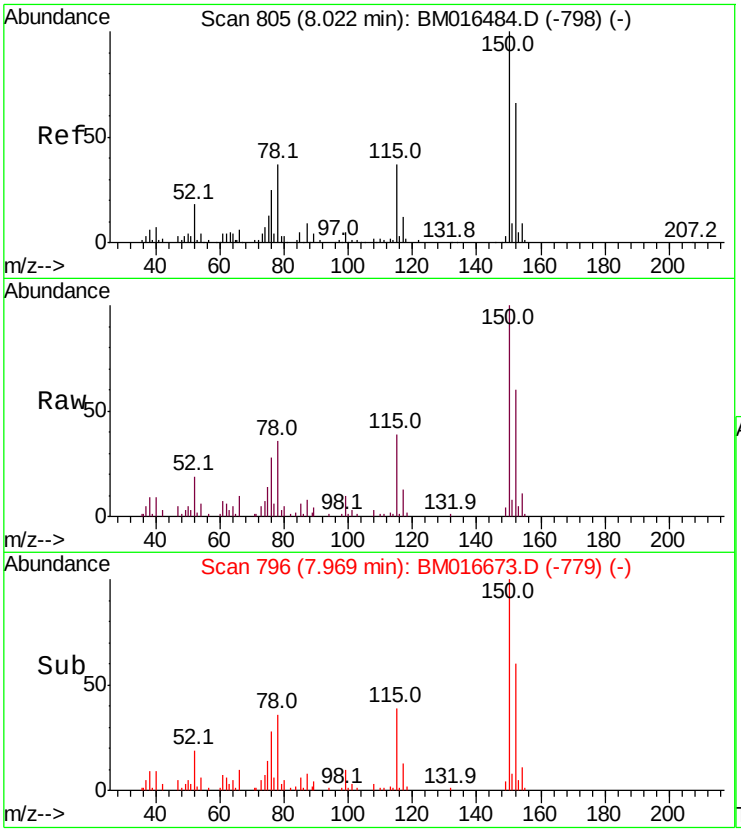
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 16:42:07 2018
Response via : Initial Calibration



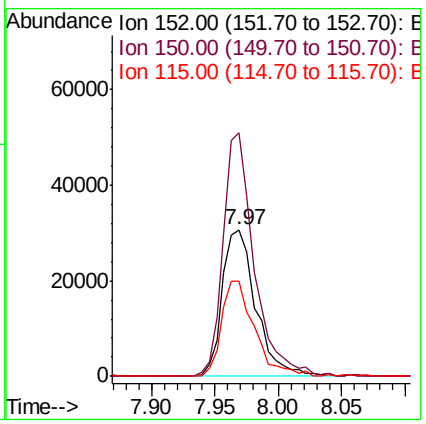


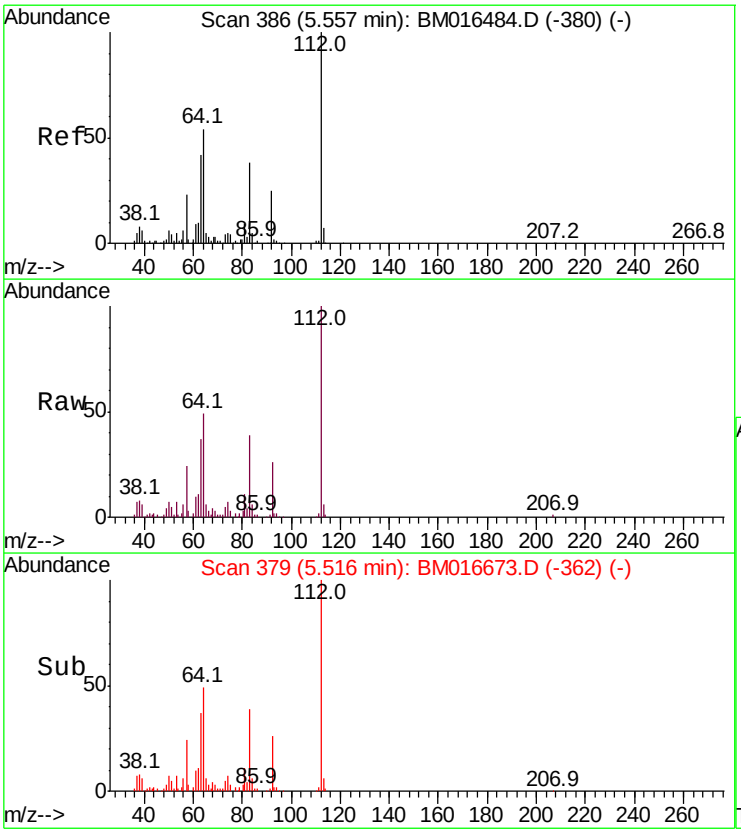
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 796
Delta R.T. 0.00 min
Lab File: BM016673.D
Acq: 05 Sep 2018 16:05

Instrument :
BNA_M
ClientSampleId :
EP1-SUT-UST-02

Tgt Ion:152 Resp: 56573

Ion	Ratio	Lower	Upper
152	100		
150	166.1	119.5	179.3
115	65.2	43.0	64.4#

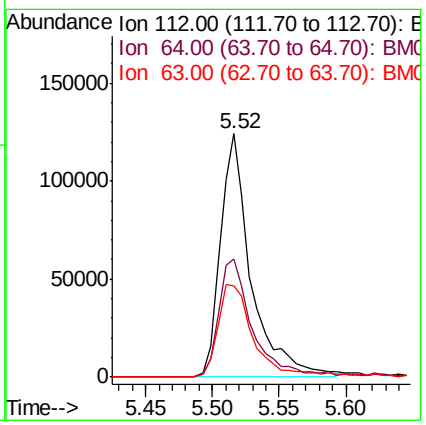


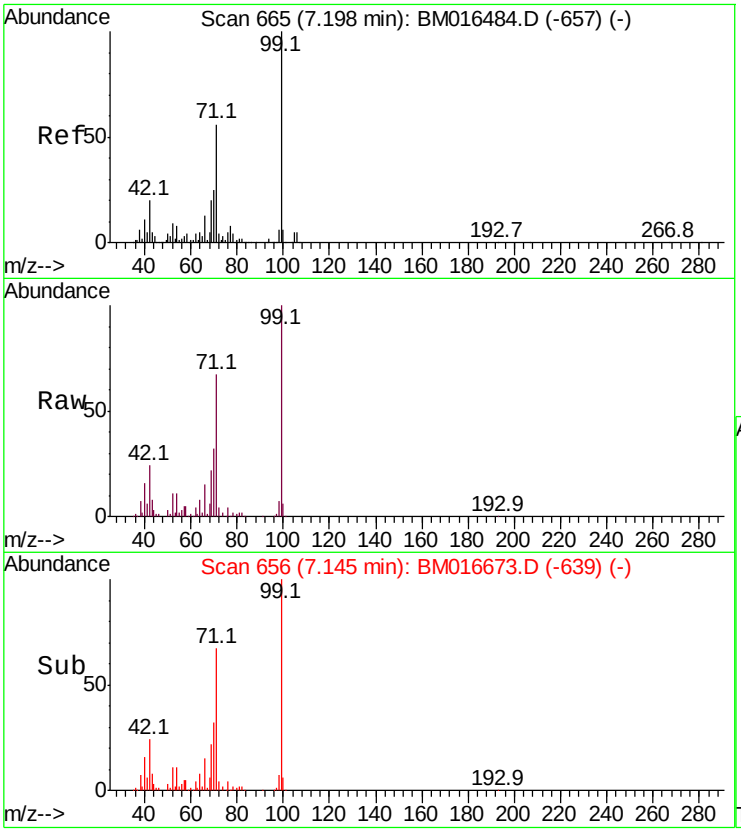


#5
2-Fluorophenol
Concen: 69.362 ng
RT: 5.52 min Scan# 379
Delta R.T. 0.00 min
Lab File: BM016673.D
Acq: 05 Sep 2018 16:05

Tgt Ion:112 Resp: 200246

Ion	Ratio	Lower	Upper
112	100		
64	48.5	38.6	57.8
63	37.4	19.3	28.9#



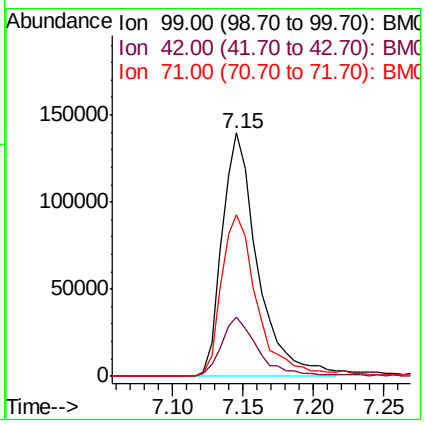


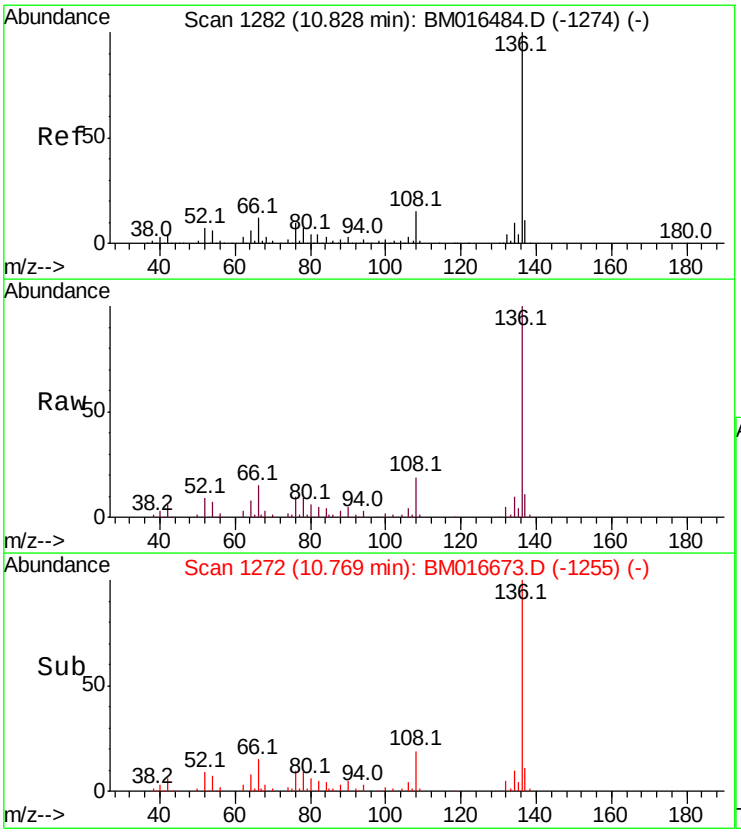
#7
Phenol-d6
Concen: 64.014 ng
RT: 7.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: BM016673.D
Acq: 05 Sep 2018 16:05

Instrument :
BNA_M
ClientSampleId :
EP1-SUT-UST-02

Tgt Ion: 99 Resp: 244551

Ion	Ratio	Lower	Upper
99	100		
42	24.2	11.0	16.4#
71	66.6	23.4	35.2#

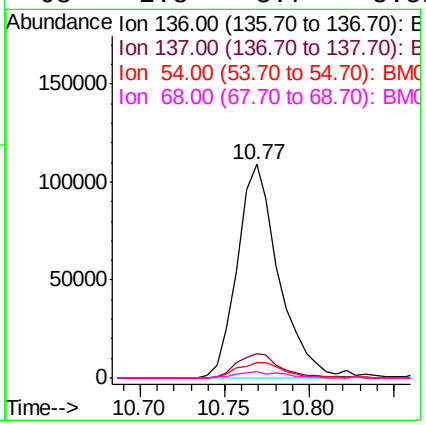


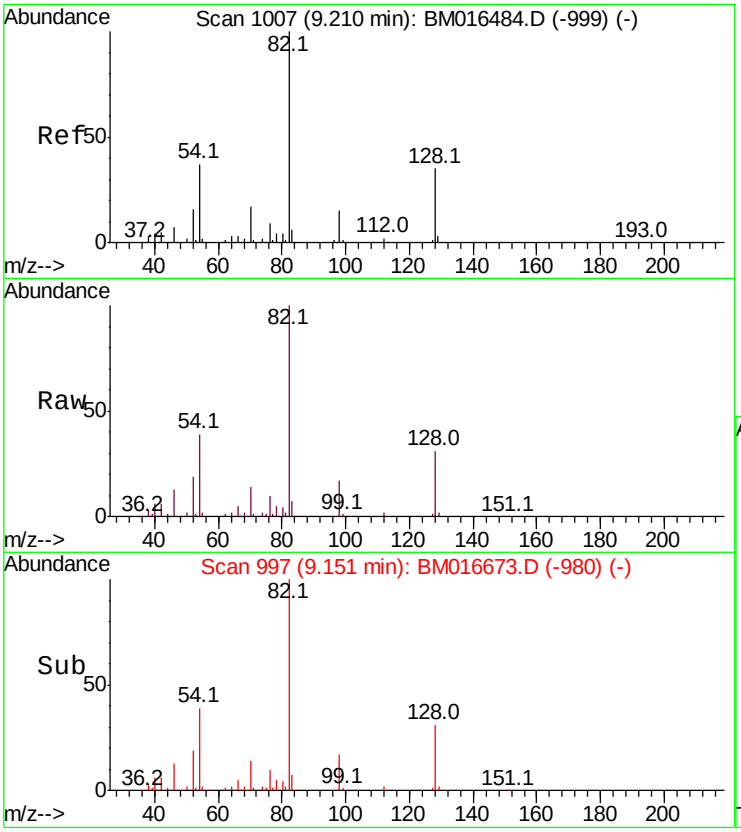


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BM016673.D
Acq: 05 Sep 2018 16:05

Tgt Ion:136 Resp: 185185

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.3	4.6	6.8#
68	2.8	3.7	5.5#



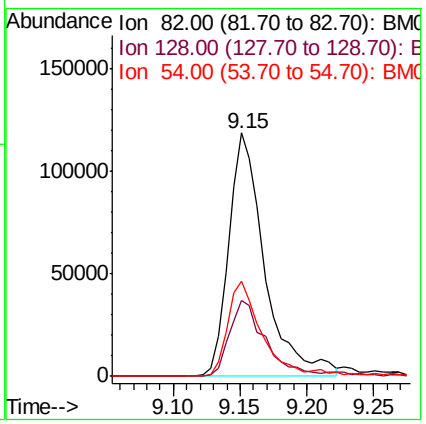


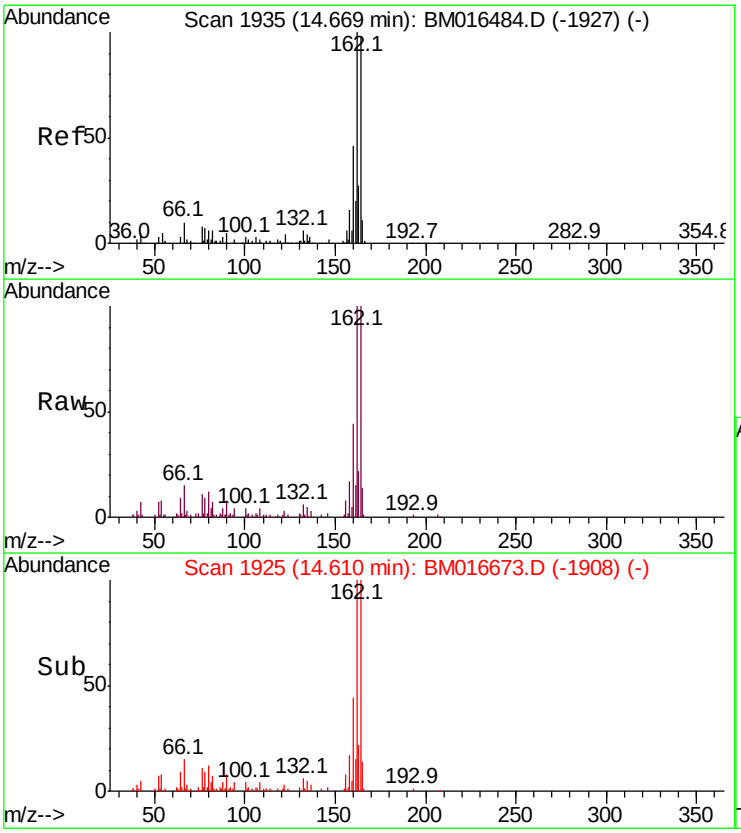
#23
Nitrobenzene-d5
Concen: 54.932 ng
RT: 9.15 min Scan# 997
Delta R.T. 0.00 min
Lab File: BM016673.D
Acq: 05 Sep 2018 16:05

Instrument :
BNA_M
ClientSampleId :
EP1-SUT-UST-02

Tgt Ion: 82 Resp: 222793

Ion	Ratio	Lower	Upper
82	100		
128	31.1	32.8	49.2#
54	39.2	40.6	60.8#

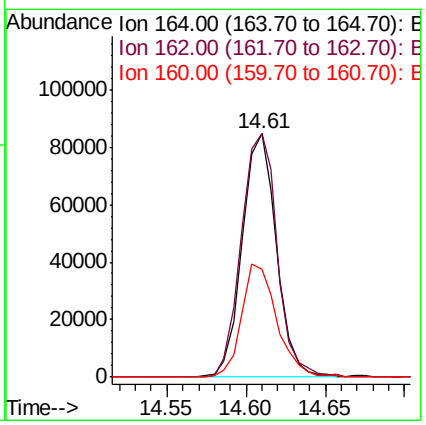


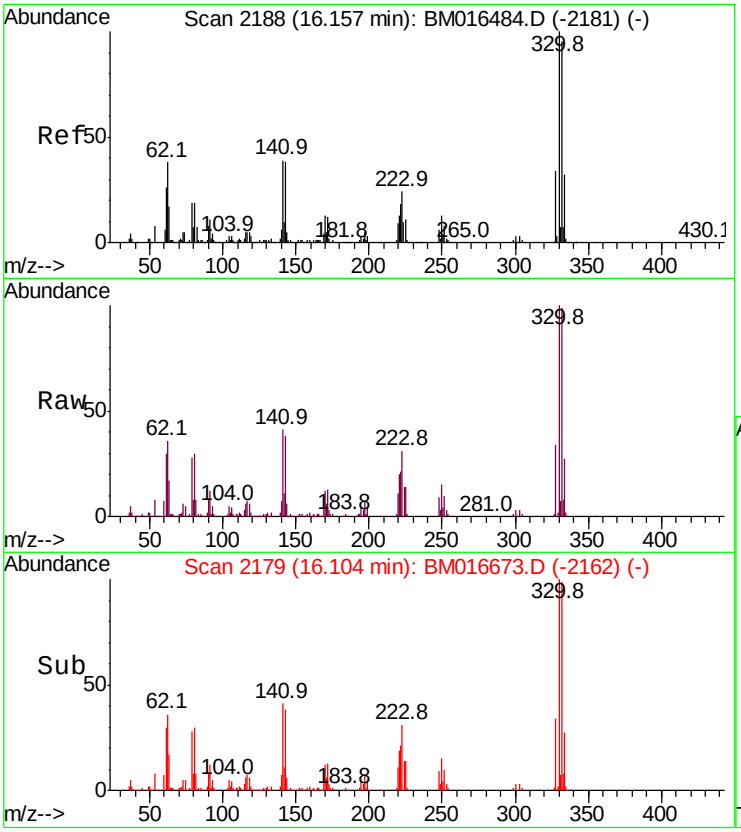


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BM016673.D
Acq: 05 Sep 2018 16:05

Tgt Ion:164 Resp: 126894

Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.4	123.6
160	44.5	35.8	53.6



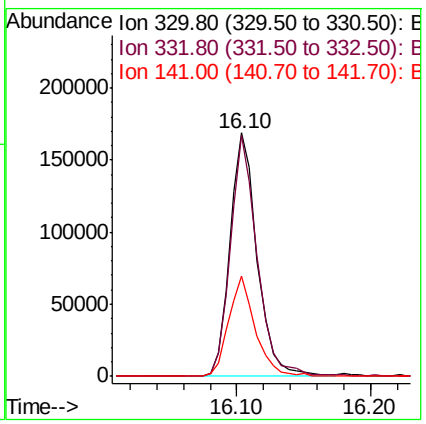


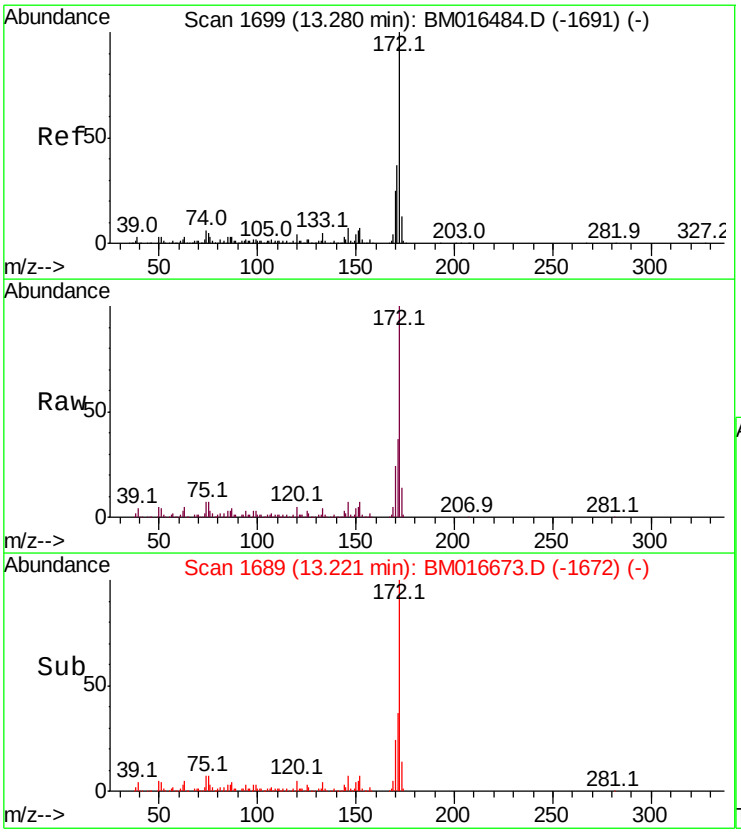
#41
2,4,6-Tribromophenol
Concen: 67.796 ng
RT: 16.10 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BM016673.D
Acq: 05 Sep 2018 16:05

Instrument :
BNA_M
ClientSampleId :
EP1-SUT-UST-02

Tgt Ion:330 Resp: 240488

Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	40.2	0.0	0.0#

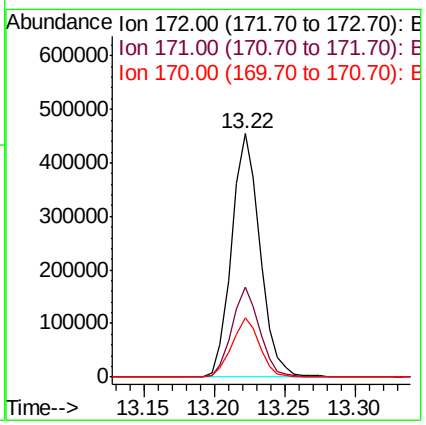


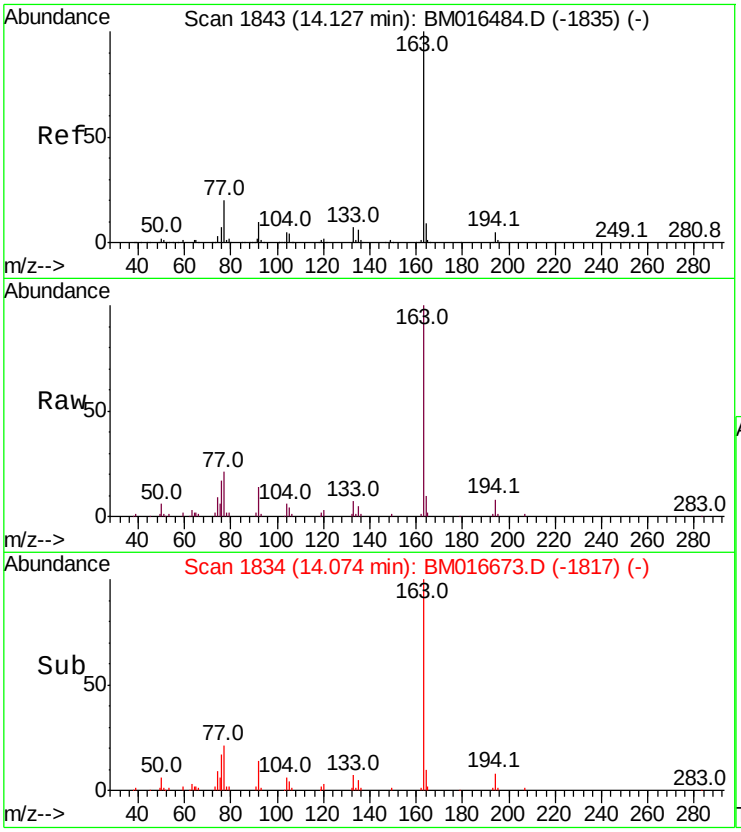


#44
2-Fluorobiphenyl
Concen: 48.312 ng
RT: 13.22 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BM016673.D
Acq: 05 Sep 2018 16:05

Tgt Ion:172 Resp: 637781

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.5	42.7
170	24.4	18.8	28.2



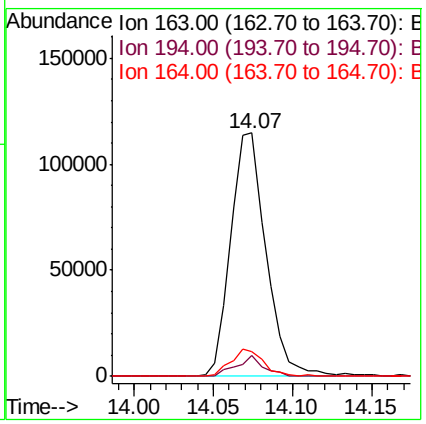


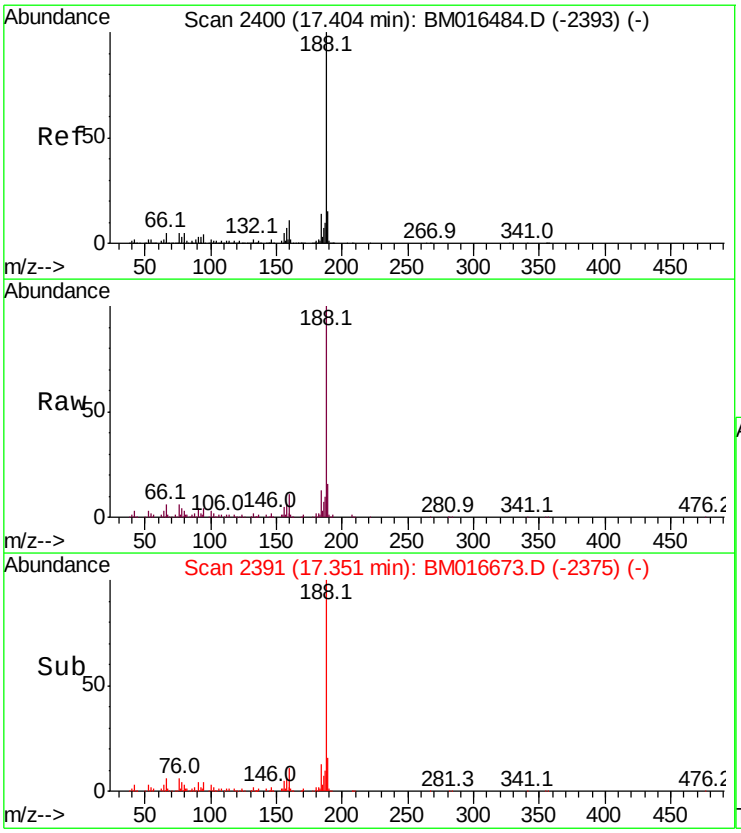
#49
Dimethylphthalate
Concen: 14.541 ng
RT: 14.07 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BM016673.D
Acq: 05 Sep 2018 16:05

Instrument :
BNA_M
ClientSampleId :
EP1-SUT-UST-02

Tgt Ion:163 Resp: 177273

Ion	Ratio	Lower	Upper
163	100		
194	8.4	2.7	4.1#
164	10.4	8.2	12.2

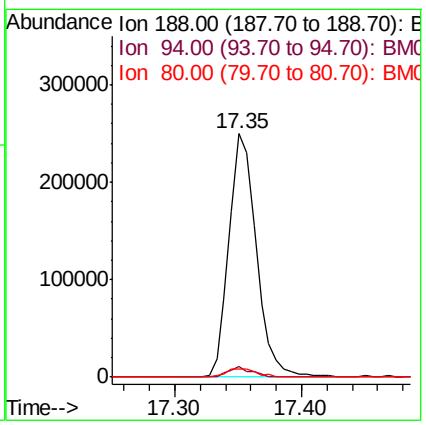


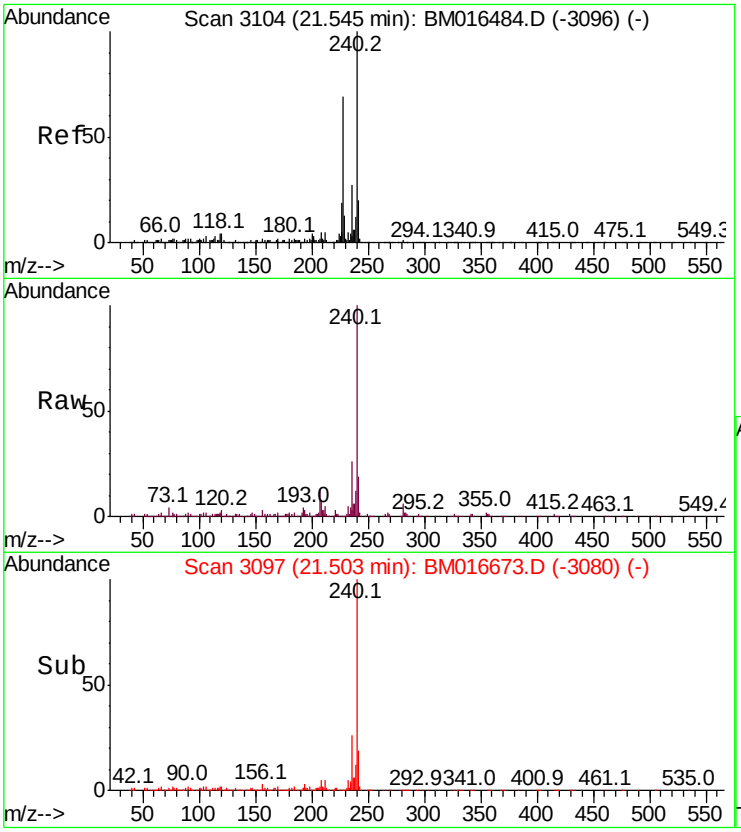


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM016673.D
Acq: 05 Sep 2018 16:05

Tgt Ion:188 Resp: 373873

Ion	Ratio	Lower	Upper
188	100		
94	4.4	8.7	13.1#
80	4.3	9.3	13.9#



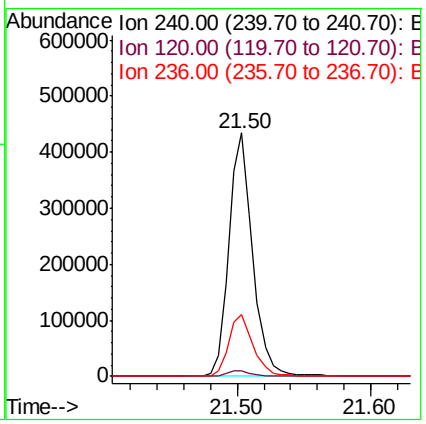


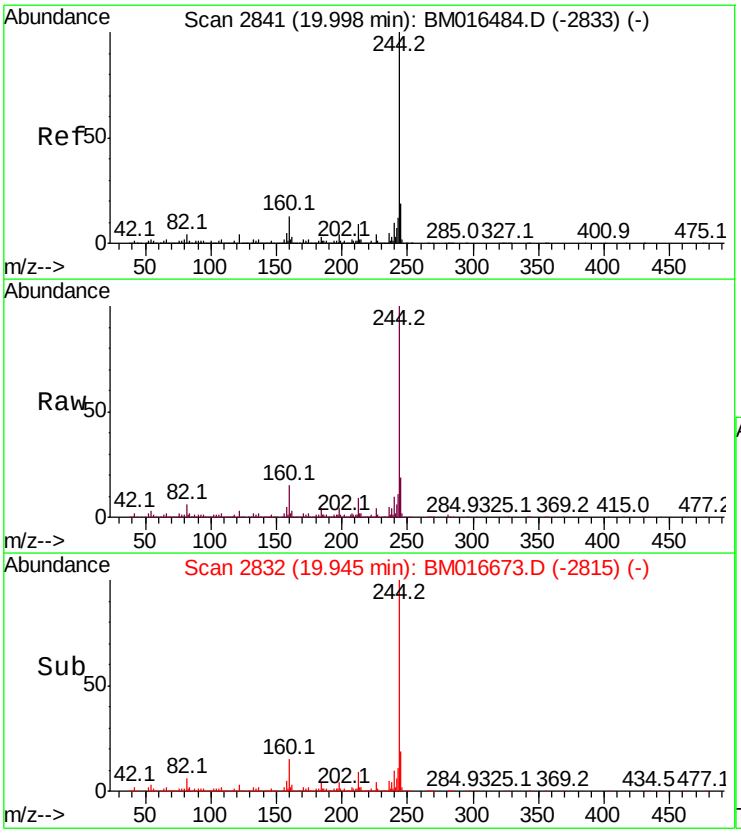
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.50 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BM016673.D
Acq: 05 Sep 2018 16:05

Instrument :
BNA_M
ClientSampleId :
EP1-SUT-UST-02

Tgt Ion:240 Resp: 538928

Ion	Ratio	Lower	Upper
240	100		
120	2.5	8.2	12.2#
236	25.5	20.0	30.0

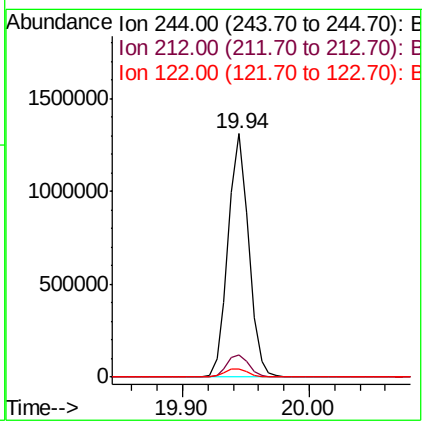


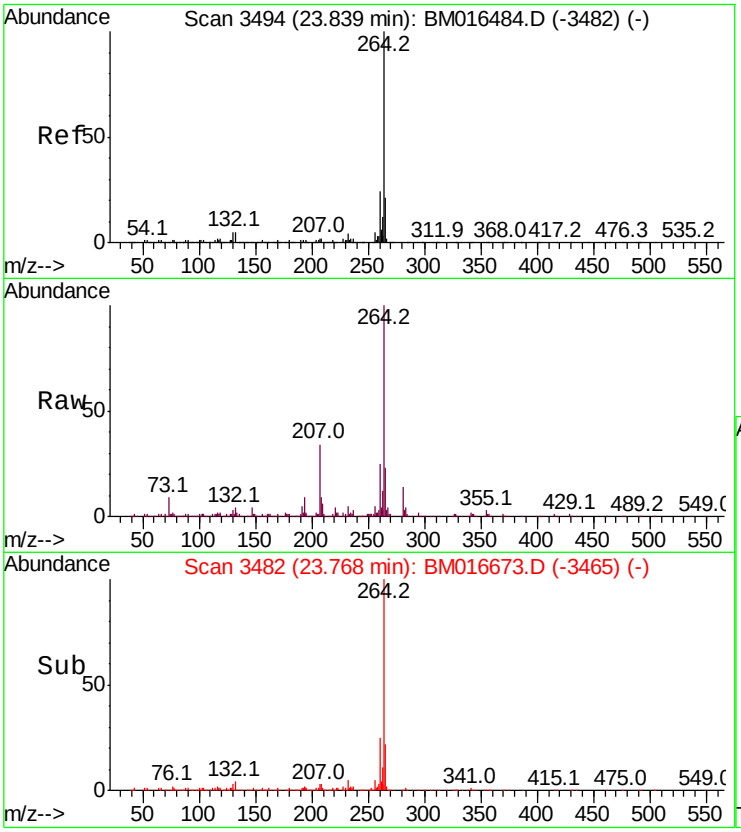


#78
Terphenyl-d14
Concen: 57.424 ng
RT: 19.94 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BM016673.D
Acq: 05 Sep 2018 16:05

Tgt Ion:244 Resp: 1462160

Ion	Ratio	Lower	Upper
244	100		
212	9.2	4.9	7.3#
122	3.4	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.77 min Scan# 3482
Delta R.T. 0.00 min
Lab File: BM016673.D
Acq: 05 Sep 2018 16:05

Instrument :
BNA_M
ClientSampleId :
EP1-SUT-UST-02

Tgt Ion:264 Resp: 687426

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.6	27.8
265	23.3	17.3	25.9