Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
Data File : BM016551.D
Acq On : 23 Aug 2018 12:04
Operator : SJ/JU
Sample : J4566-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : NUTLEY-DRUM

Quant Time: Aug 23 13:13:19 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	129077	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	446211	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	381756	20.00	ng	-0.02
63) Phenanthrene-d10	17.39	188	1481465	20.00	ng	-0.01
75) Chrysene-d12	21.54	240	2151476	20.00	ng	0.00
86) Perylene-d12	23.82	264	2344065	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	365407	55.47	ng	0.00
7) Phenol-d6	7.19	99	282864	32.45	ng	-0.01
23) Nitrobenzene-d5	9.20	82	983081	100.59	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	2038972	191.06	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	3672857	92.48	ng	-0.01
78) Terphenyl-d14	19.99	244	11215882	110.34	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.12	163	122349	3.336	ng	# 98

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

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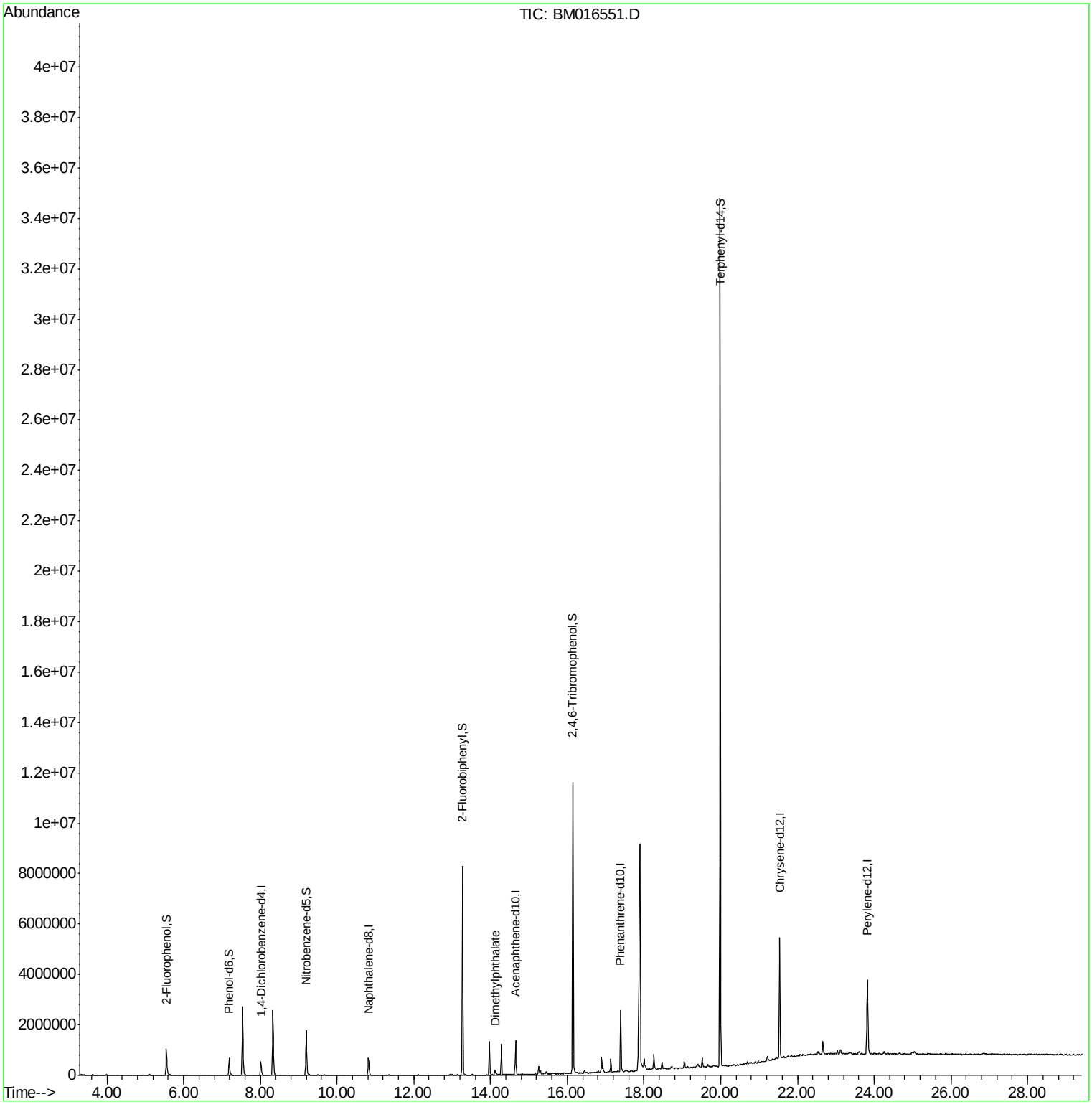
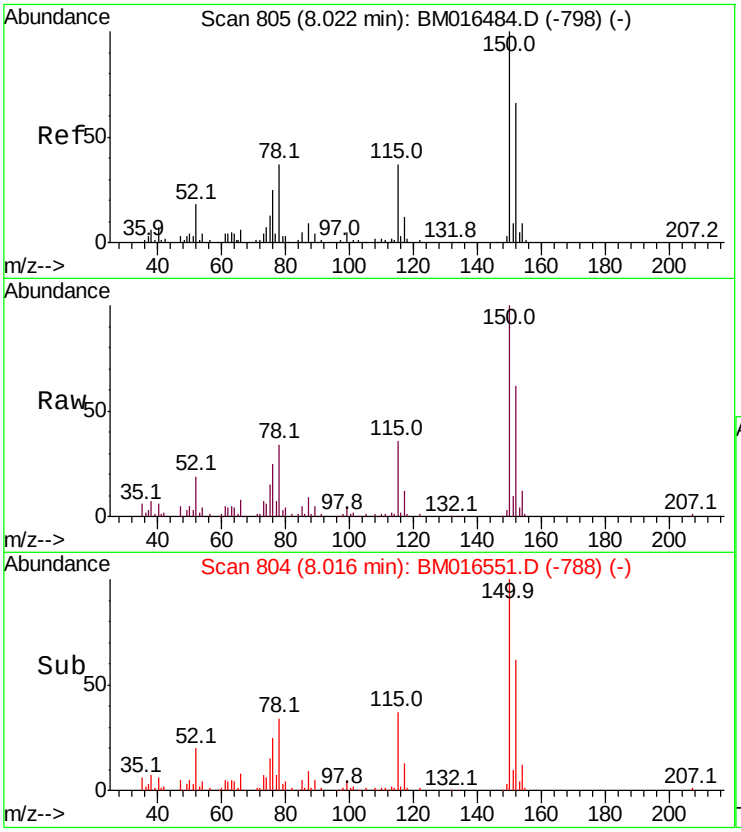
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 16:31:22 2018
Response via : Initial Calibration



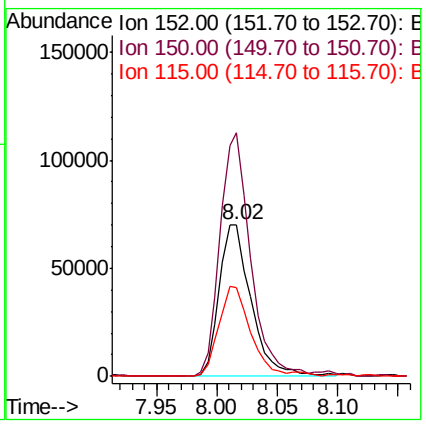


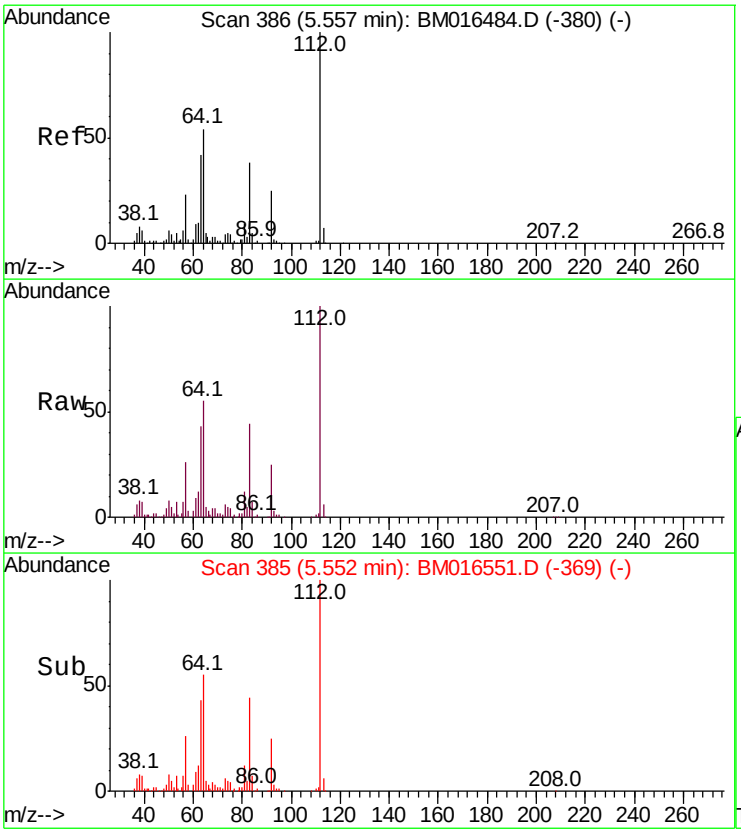
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM016551.D
Acq: 23 Aug 2018 12:04

Instrument :
BNA_M
ClientSampleId :
NUTLEY-DRUM

Tgt Ion:152 Resp: 129077

Ion	Ratio	Lower	Upper
152	100		
150	160.2	119.5	179.3
115	58.4	43.0	64.4

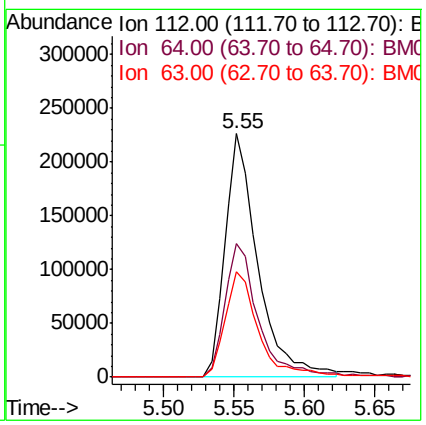


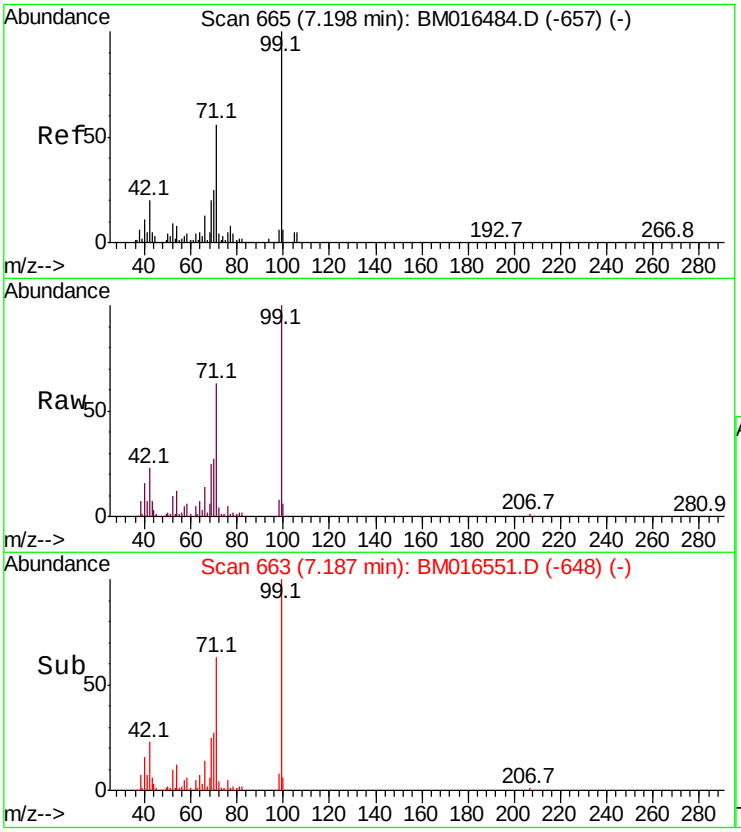


#5
2-Fluorophenol
Concen: 55.474 ng
RT: 5.55 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM016551.D
Acq: 23 Aug 2018 12:04

Tgt Ion:112 Resp: 365407

Ion	Ratio	Lower	Upper
112	100		
64	54.8	38.6	57.8
63	43.4	19.3	28.9#



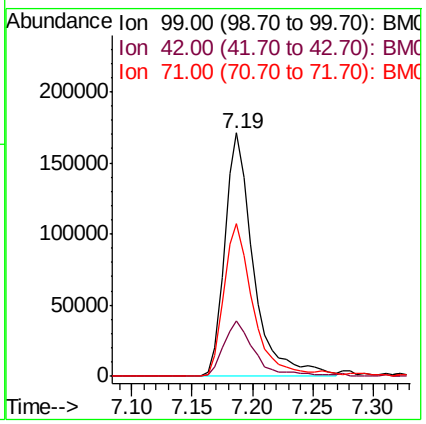


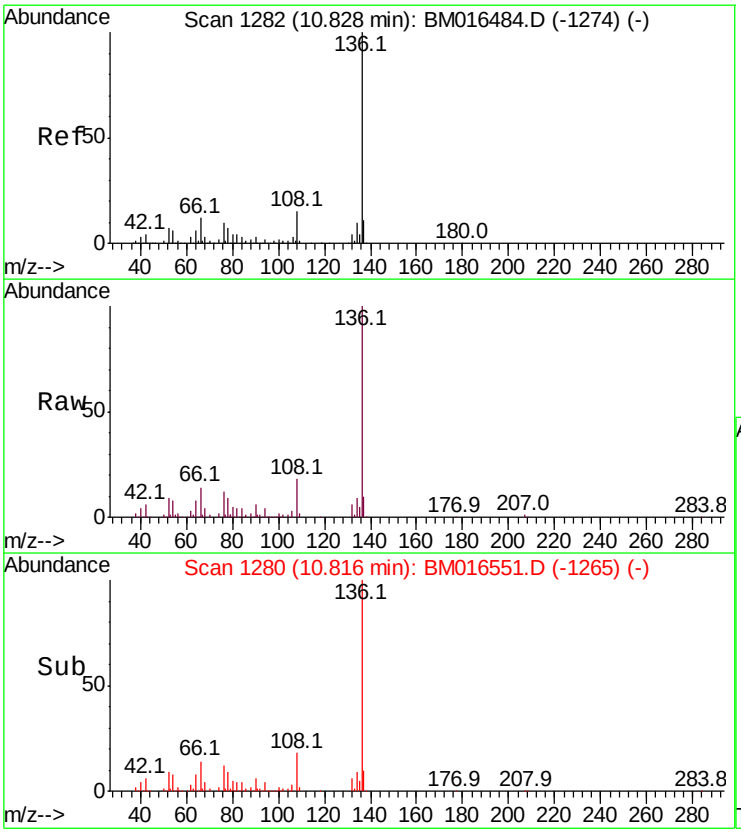
#7
Phenol-d6
Concen: 32.452 ng
RT: 7.19 min Scan# 663
Delta R.T. -0.01 min
Lab File: BM016551.D
Acq: 23 Aug 2018 12:04

Instrument :
BNA_M
ClientSampleId :
NUTLEY-DRUM

Tgt Ion: 99 Resp: 282864

Ion	Ratio	Lower	Upper
99	100		
42	23.0	11.0	16.4#
71	62.9	23.4	35.2#

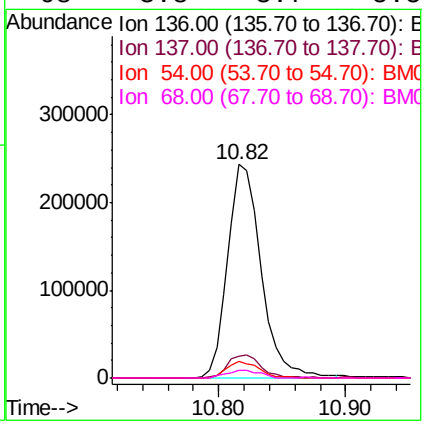


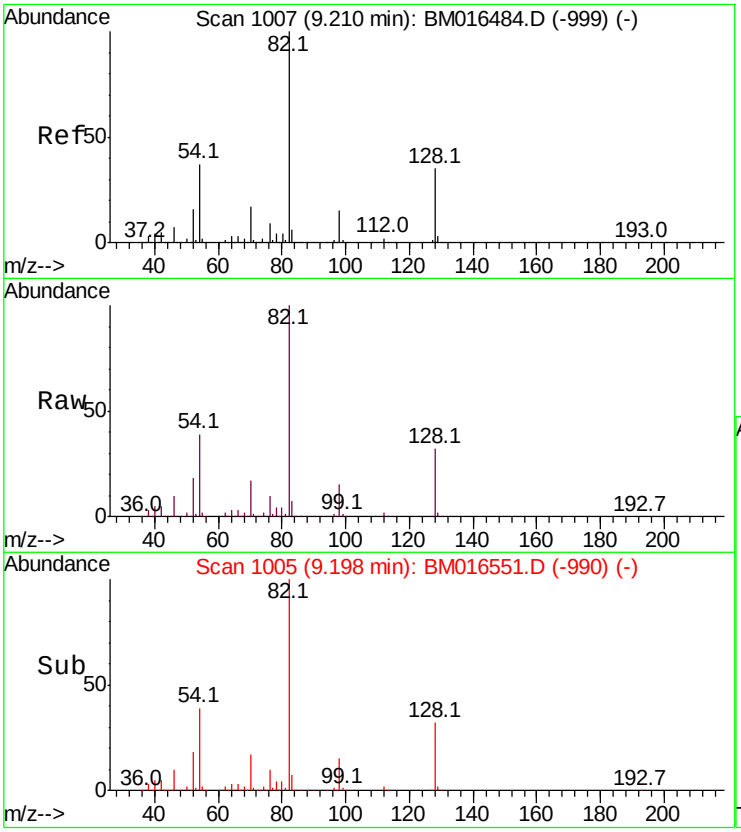


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BM016551.D
Acq: 23 Aug 2018 12:04

Tgt Ion:136 Resp: 446211

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	8.0	4.6	6.8#
68	3.8	3.7	5.5



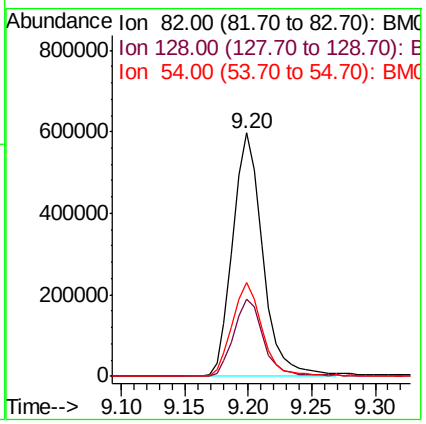


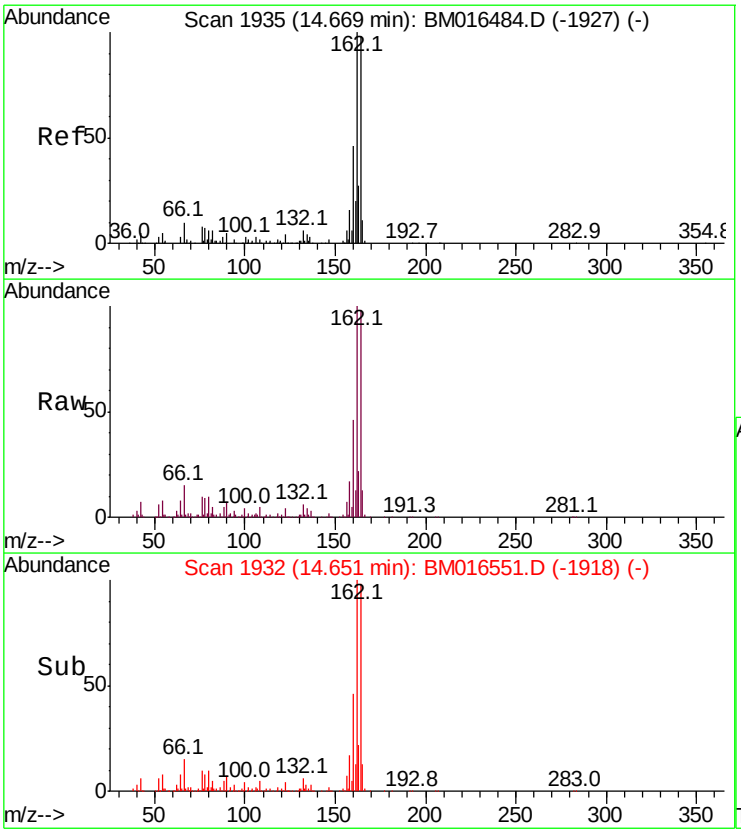
#23
Nitrobenzene-d5
Concen: 100.595 ng
RT: 9.20 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BM016551.D
Acq: 23 Aug 2018 12:04

Instrument :
BNA_M
ClientSampleId :
NUTLEY-DRUM

Tgt Ion: 82 Resp: 983081

Ion	Ratio	Lower	Upper
82	100		
128	31.8	32.8	49.2#
54	38.5	40.6	60.8#

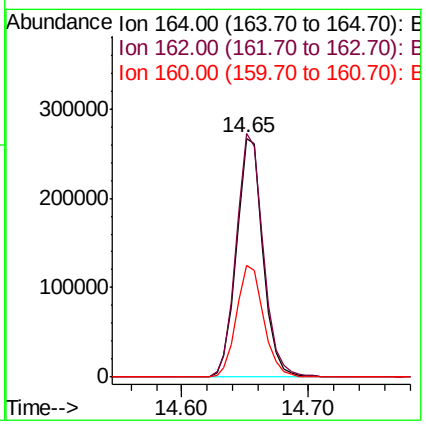


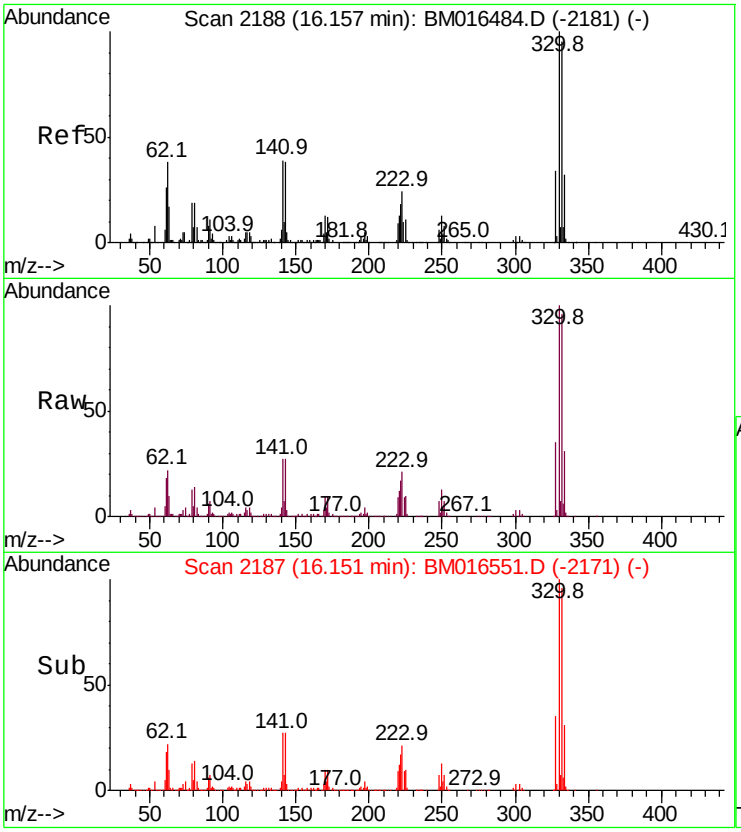


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1932
Delta R.T. -0.02 min
Lab File: BM016551.D
Acq: 23 Aug 2018 12:04

Tgt Ion:164 Resp: 381756

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.4	123.6
160	46.7	35.8	53.6



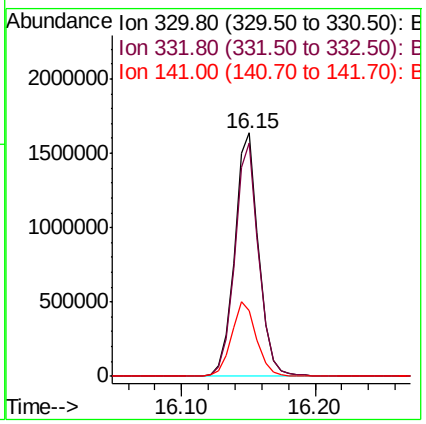


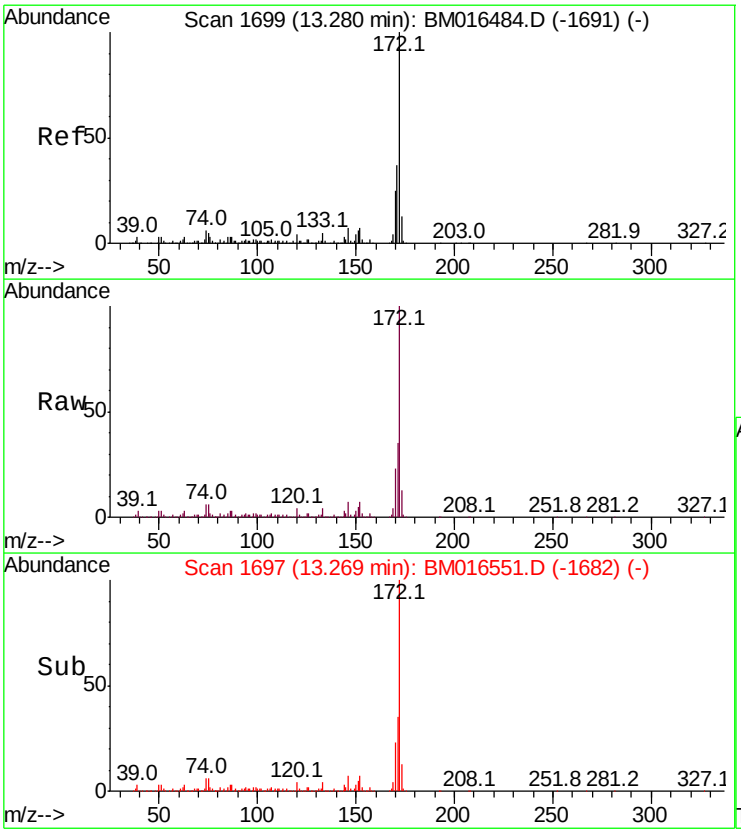
#41
2,4,6-Tribromophenol
Concen: 191.063 ng
RT: 16.15 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BM016551.D
Acq: 23 Aug 2018 12:04

Instrument :
BNA_M
ClientSampleId :
NUTLEY-DRUM

Tgt Ion:330 Resp: 2038972

Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	32.0	0.0	0.0#

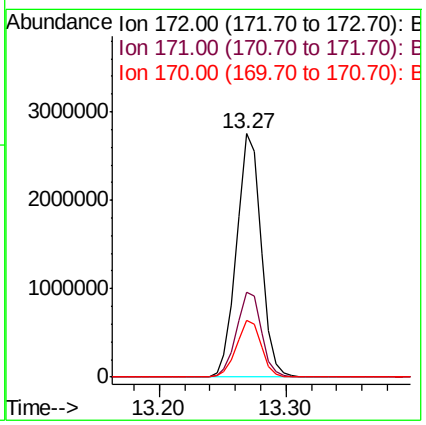


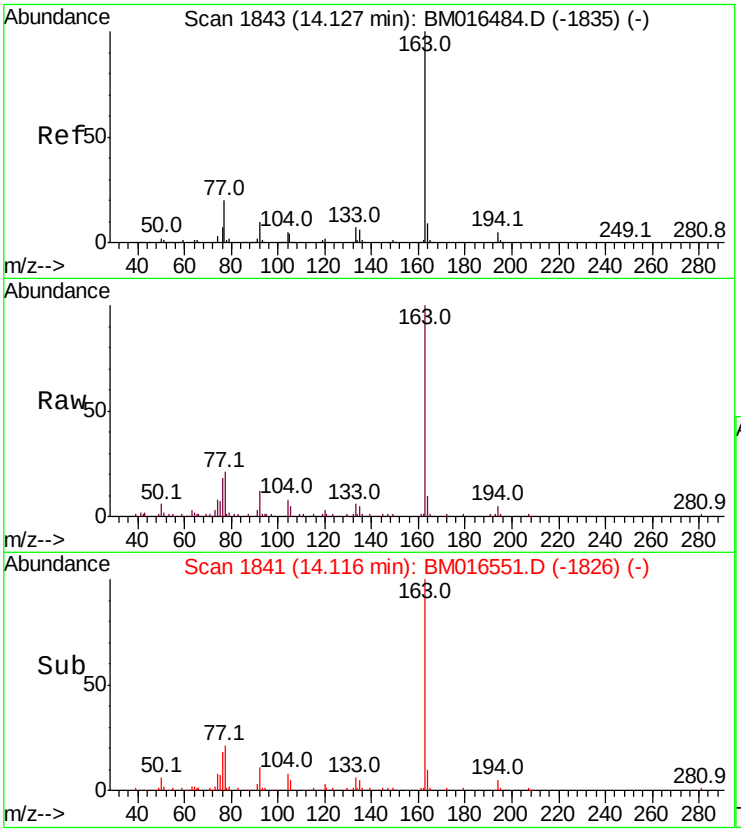


#44
2-Fluorobiphenyl
Concen: 92.479 ng
RT: 13.27 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BM016551.D
Acq: 23 Aug 2018 12:04

Tgt Ion:172 Resp: 3672857

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.3	18.8	28.2



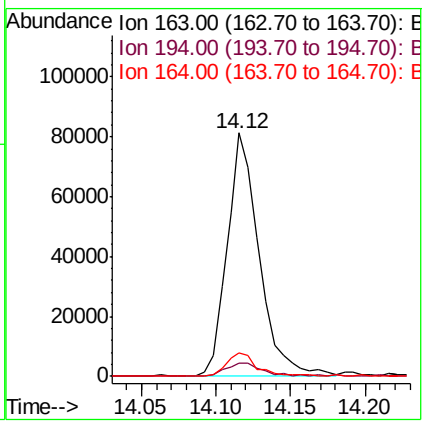


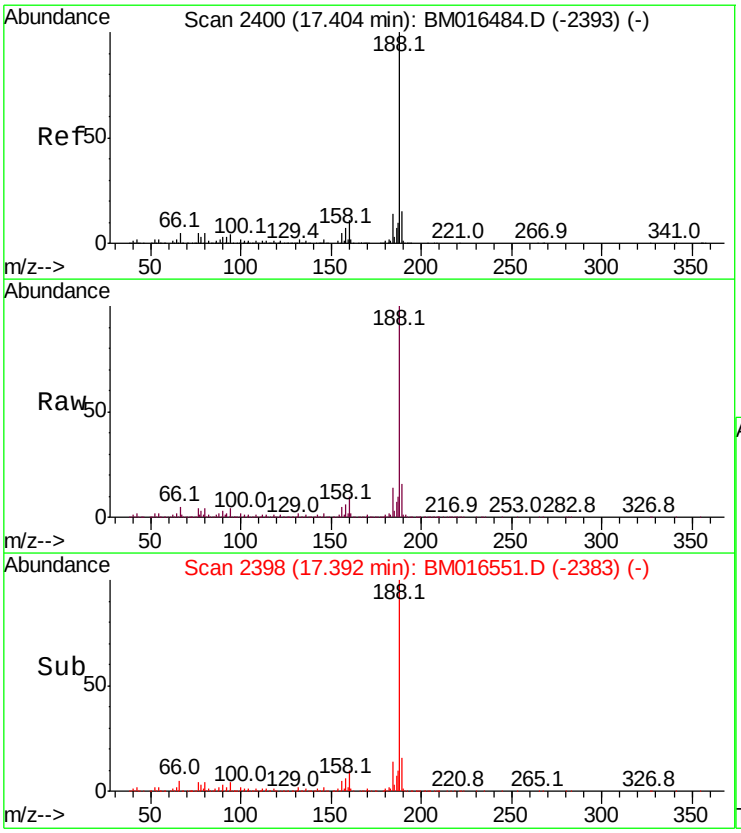
#49
Dimethylphthalate
Concen: 3.336 ng
RT: 14.12 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BM016551.D
Acq: 23 Aug 2018 12:04

Instrument :
BNA_M
ClientSampleId :
NUTLEY-DRUM

Tgt Ion:163 Resp: 122349

Ion	Ratio	Lower	Upper
163	100		
194	5.3	2.7	4.1#
164	9.8	8.2	12.2

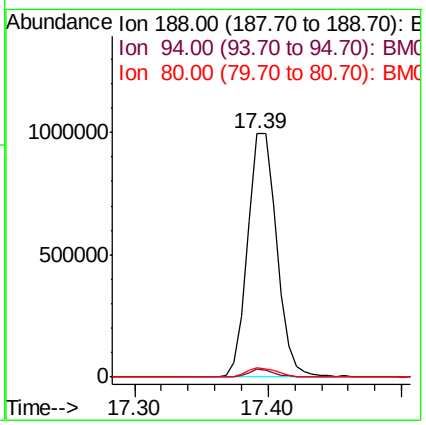


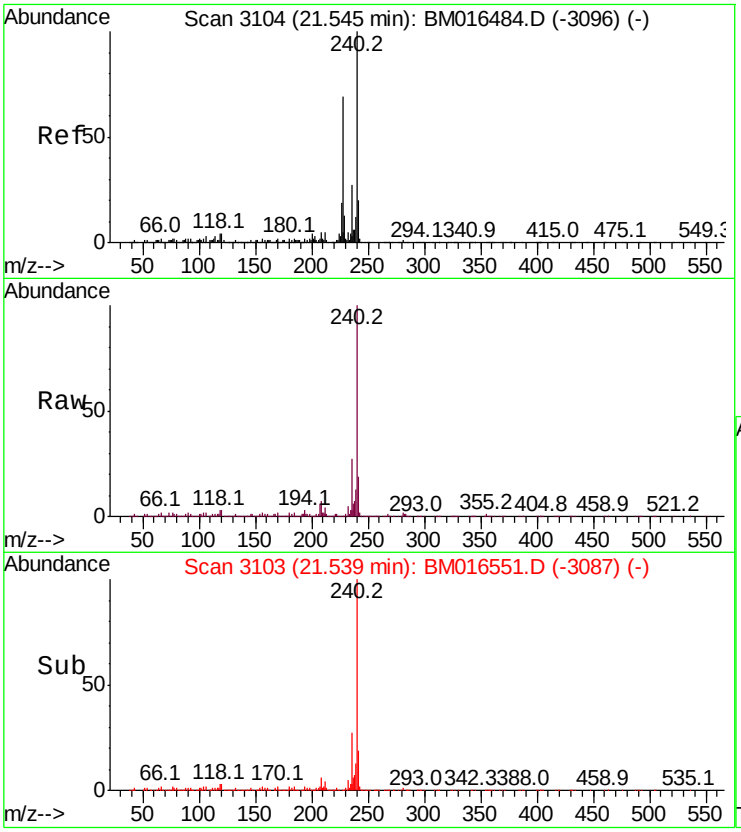


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM016551.D
Acq: 23 Aug 2018 12:04

Tgt Ion:188 Resp: 1481465

Ion	Ratio	Lower	Upper
188	100		
94	3.6	8.7	13.1#
80	3.8	9.3	13.9#



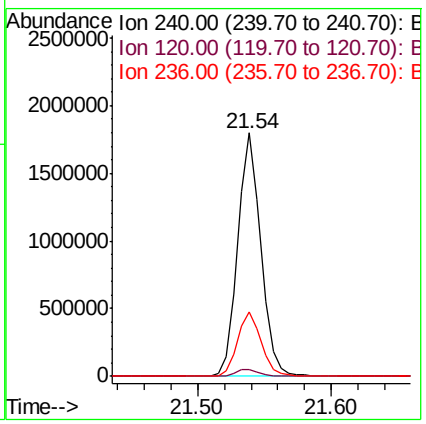


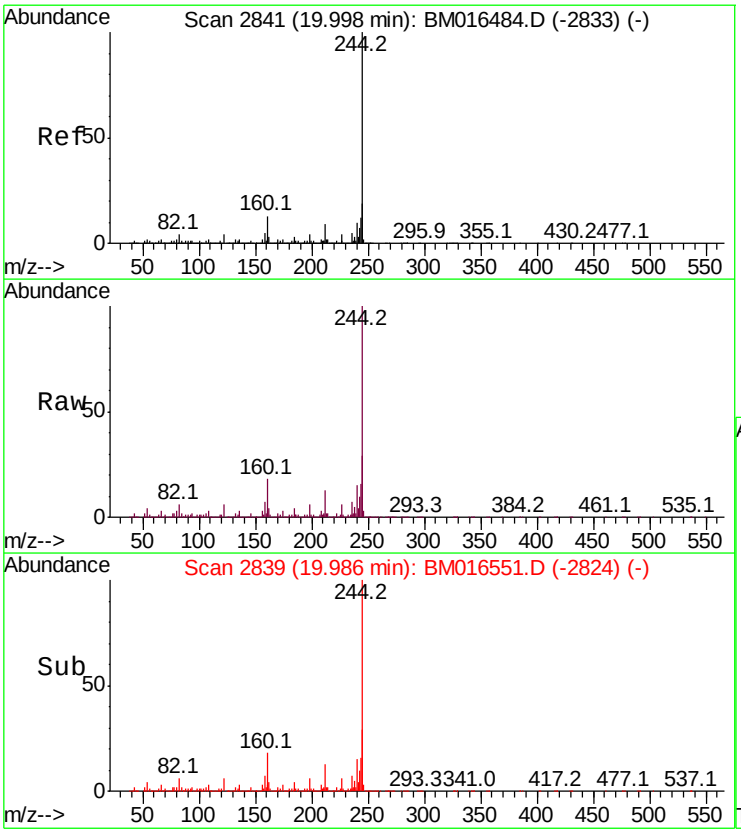
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM016551.D
Acq: 23 Aug 2018 12:04

Instrument :
BNA_M
ClientSampleId :
NUTLEY-DRUM

Tgt Ion:240 Resp: 2151476

Ion	Ratio	Lower	Upper
240	100		
120	3.0	8.2	12.2#
236	26.6	20.0	30.0

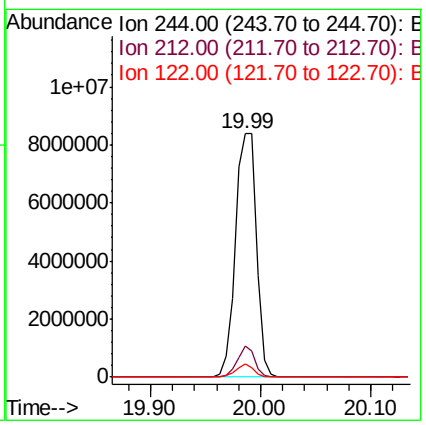


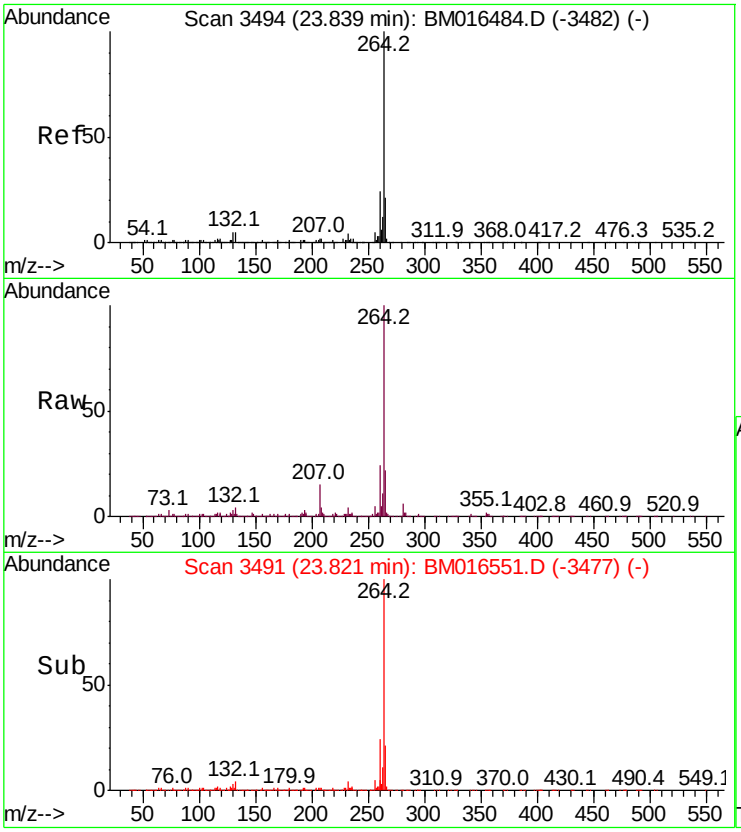


#78
Terphenyl-d14
Concen: 110.339 ng
RT: 19.99 min Scan# 2839
Delta R.T. -0.01 min
Lab File: BM016551.D
Acq: 23 Aug 2018 12:04

Tgt Ion:244 Resp:11215882

Ion	Ratio	Lower	Upper
244	100		
212	13.0	4.9	7.3#
122	5.5	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.82 min Scan# 3491
Delta R.T. -0.02 min
Lab File: BM016551.D
Acq: 23 Aug 2018 12:04

Instrument :
BNA_M
ClientSampleId :
NUTLEY-DRUM

Tgt Ion:264 Resp: 2344065

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	21.9	17.3	25.9