Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
Data File : BM016381.D
Acq On : 15 Aug 2018 15:32
Operator : SJ/JU
Sample : J4471-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-2

Quant Time: Aug 16 05:42:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 15 11:23:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	19801	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	71634	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	37750	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	81388	20.00	ng	0.00
75) Chrysene-d12	21.62	240	96886	20.00	ng	0.00
86) Perylene-d12	23.94	264	100802	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	151538	127.13	ng	0.00
7) Phenol-d6	7.28	99	173006	111.13	ng	0.00
23) Nitrobenzene-d5	9.30	82	135915	88.25	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	57163	119.39	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	247422	79.75	ng	0.00
78) Terphenyl-d14	20.07	244	403297	87.14	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.20	163	16126	4.881	ng	# 96

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

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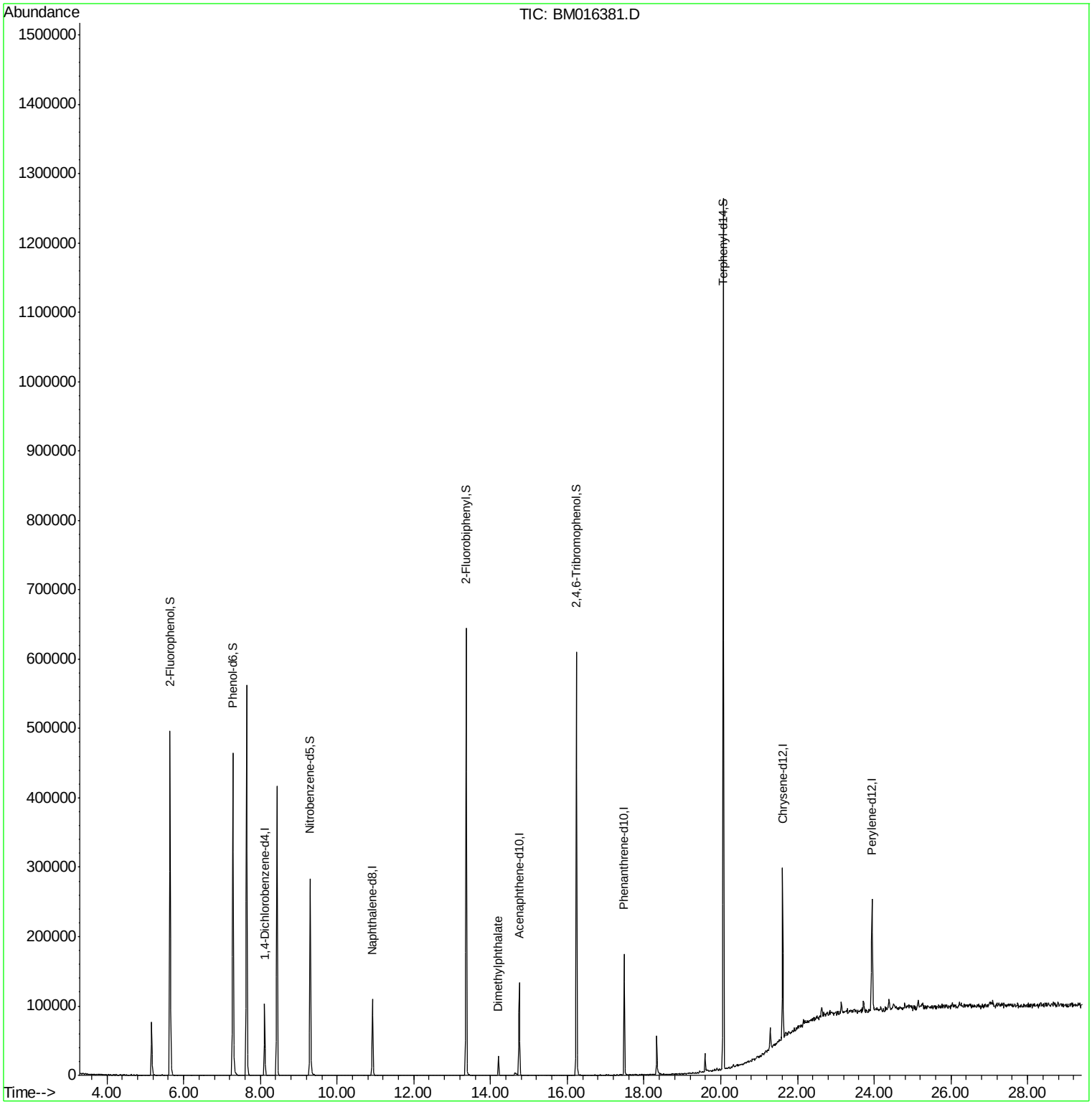
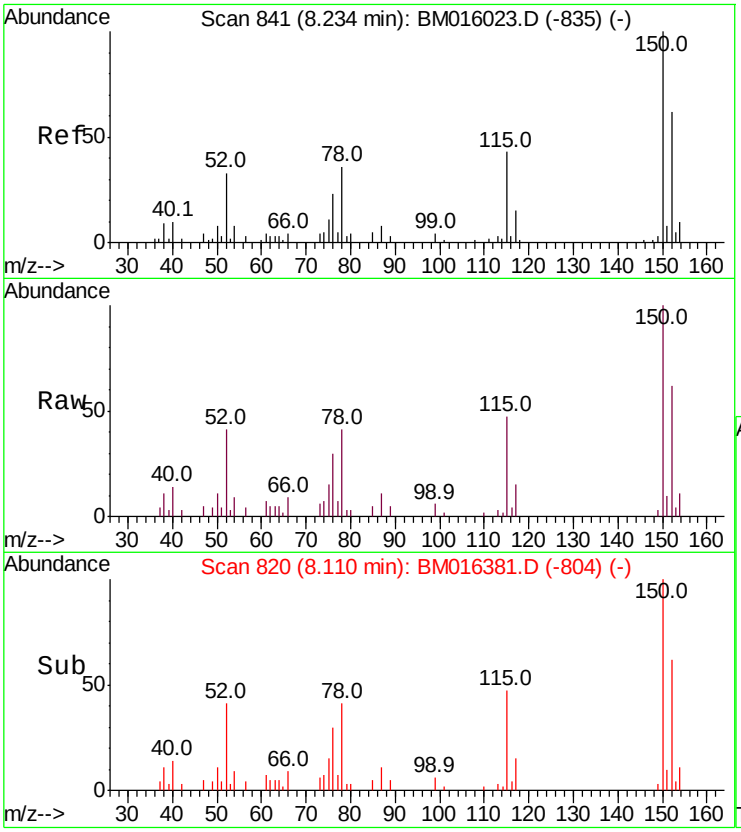


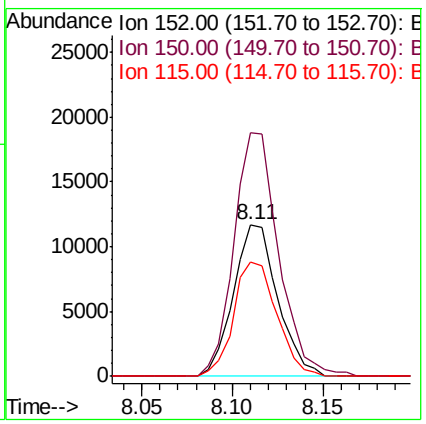


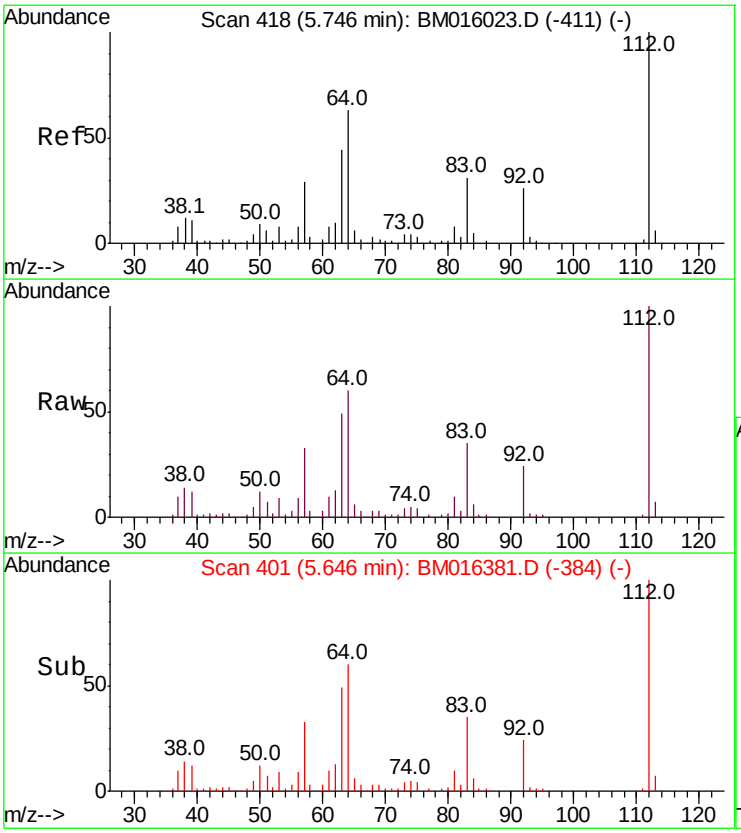
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.01 min
Lab File: BM016381.D
Acq: 15 Aug 2018 15:32

Instrument :
BNA_M
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 19801

Ion	Ratio	Lower	Upper
152	100		
150	160.7	119.5	179.3
115	75.3	43.0	64.4#

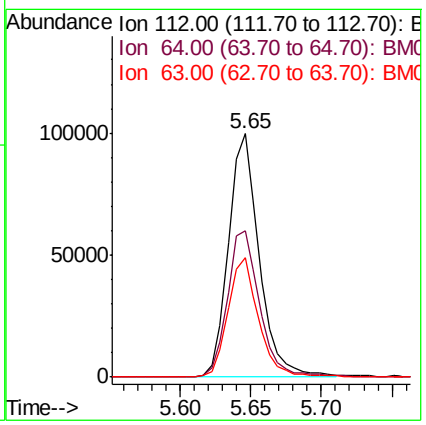


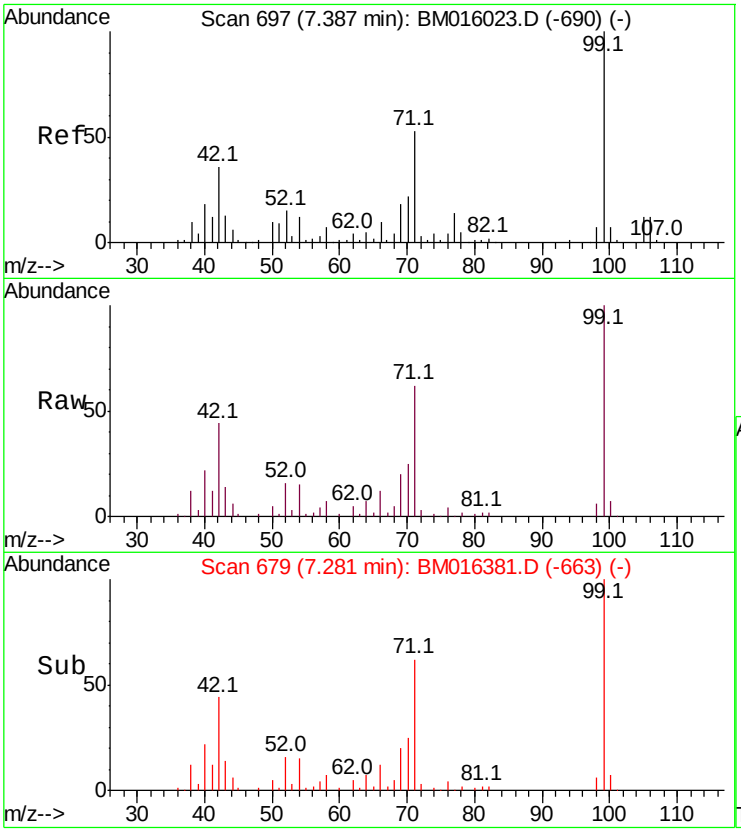


#5
2-Fluorophenol
Concen: N.D. ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BM016381.D
Acq: 15 Aug 2018 15:32

Tgt Ion:112 Resp: 151538

Ion	Ratio	Lower	Upper
112	100		
64	60.0	38.6	57.8#
63	49.3	19.3	28.9#



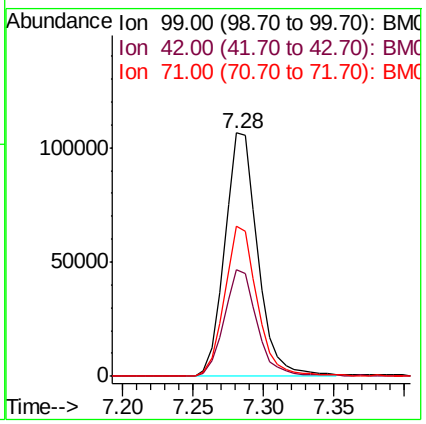


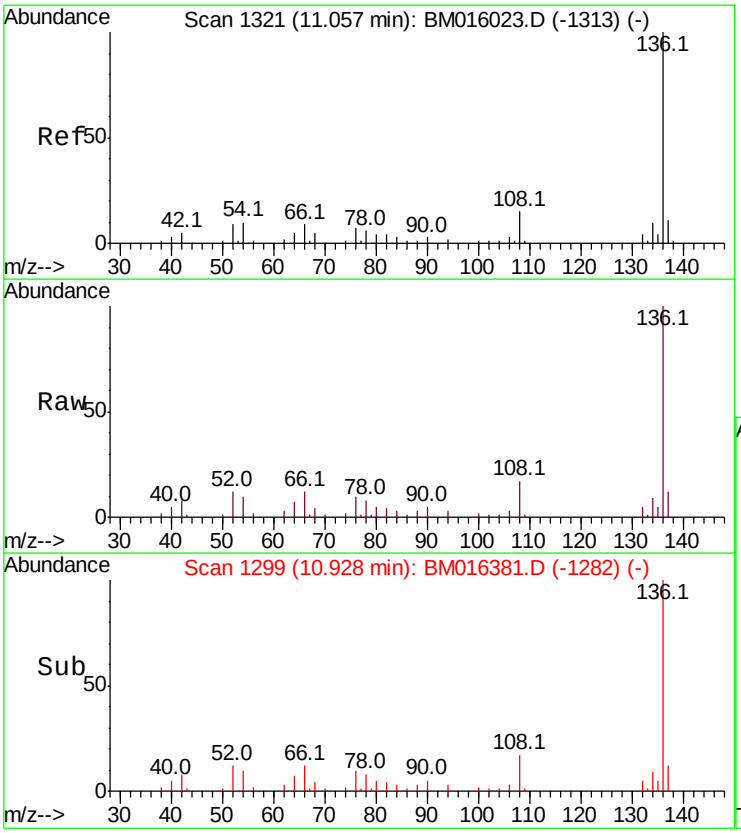
#7
Phenol-d6
Concen: N.D. ng
RT: 7.28 min Scan# 679
Delta R.T. -0.01 min
Lab File: BM016381.D
Acq: 15 Aug 2018 15:32

Instrument :
BNA_M
ClientSampleId :
TP-2

Tgt Ion: 99 Resp: 173006

Ion	Ratio	Lower	Upper
99	100		
42	43.9	11.0	16.4#
71	61.7	23.4	35.2#

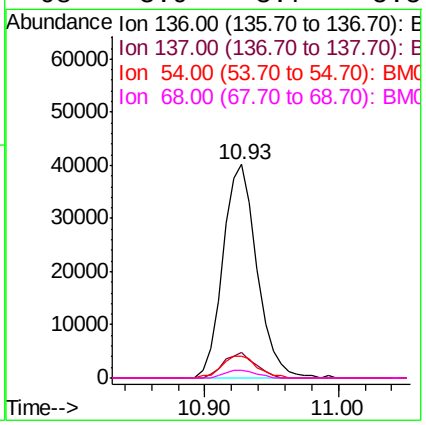


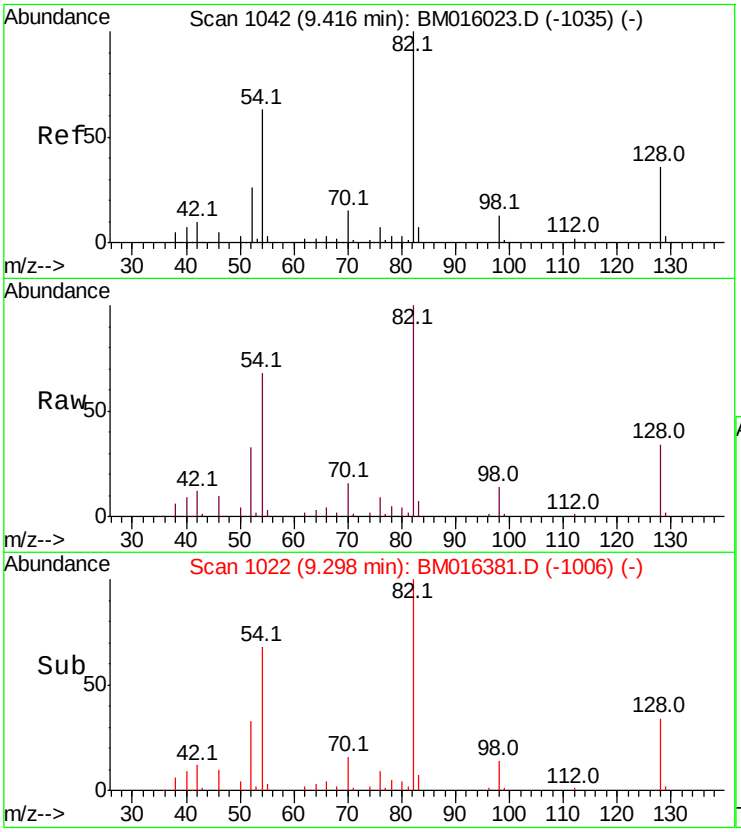


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BM016381.D
Acq: 15 Aug 2018 15:32

Tgt Ion:136 Resp: 71634

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	10.0	4.6	6.8#
68	3.9	3.7	5.5



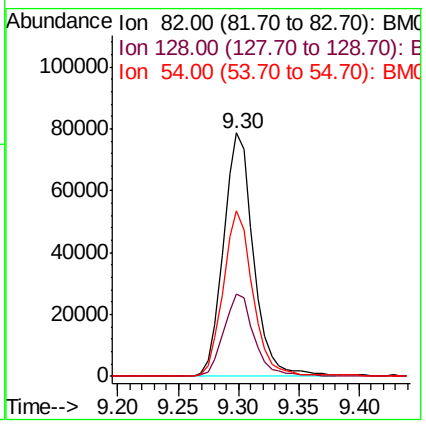


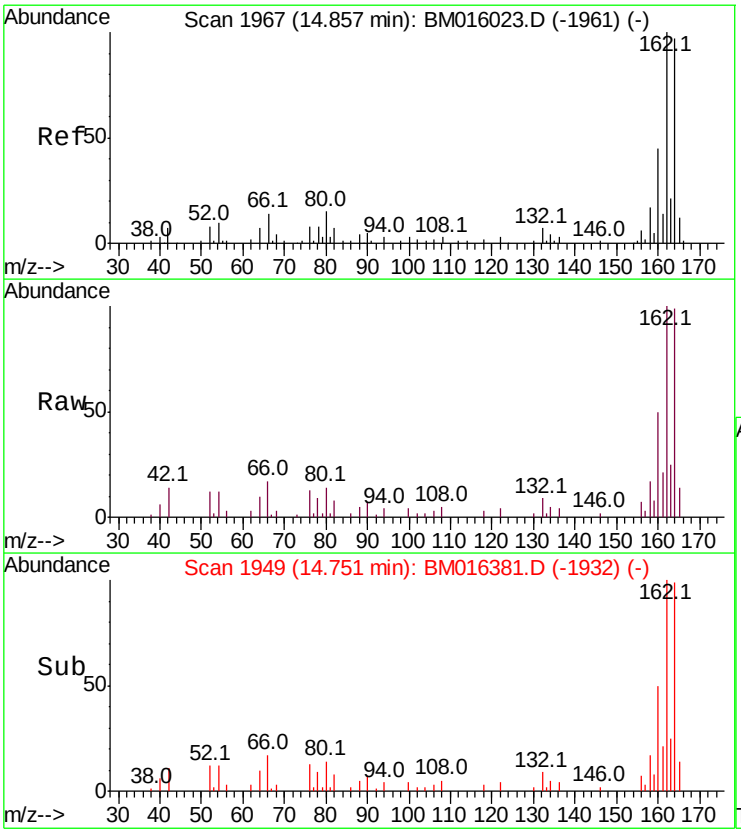
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BM016381.D
Acq: 15 Aug 2018 15:32

Instrument :
BNA_M
ClientSampleId :
TP-2

Tgt Ion: 82 Resp: 135915

Ion	Ratio	Lower	Upper
82	100		
128	33.9	32.8	49.2
54	68.0	40.6	60.8#

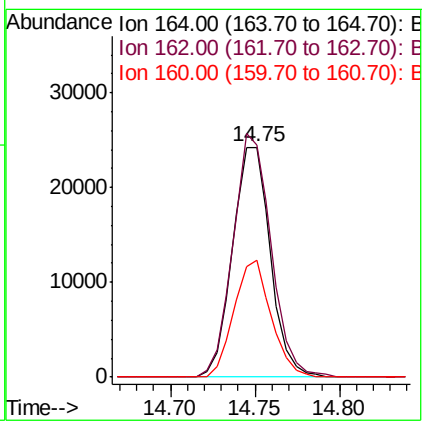


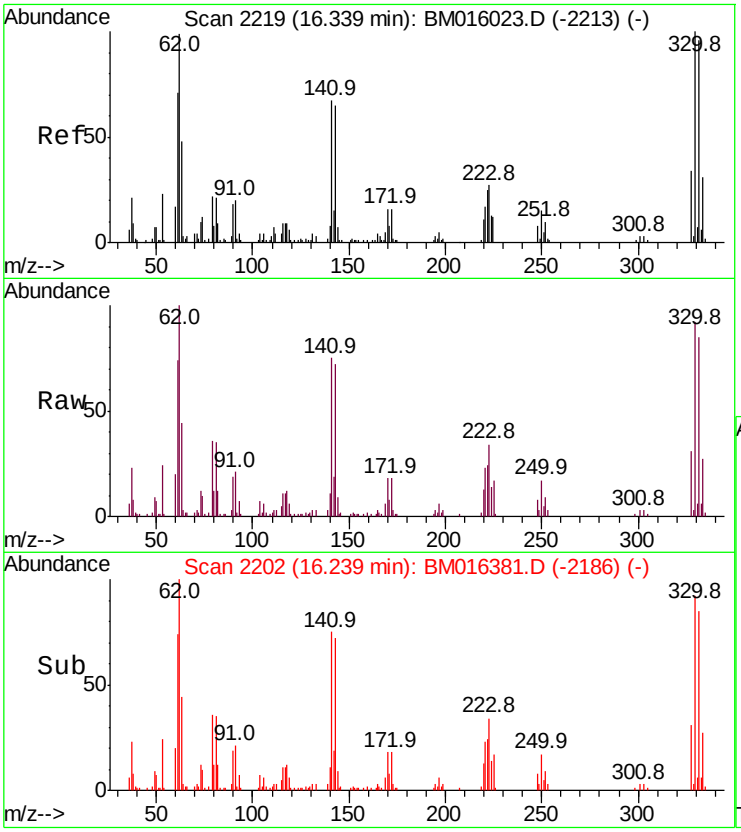


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BM016381.D
Acq: 15 Aug 2018 15:32

Tgt Ion:164 Resp: 37750

Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.4	123.6
160	50.7	35.8	53.6



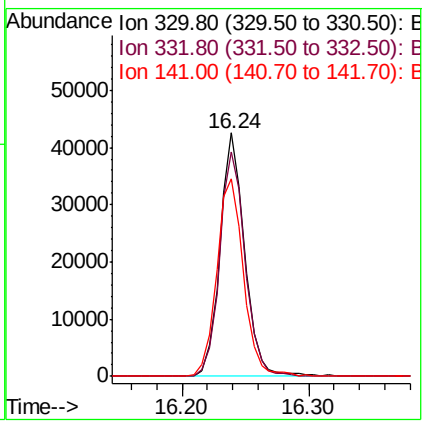


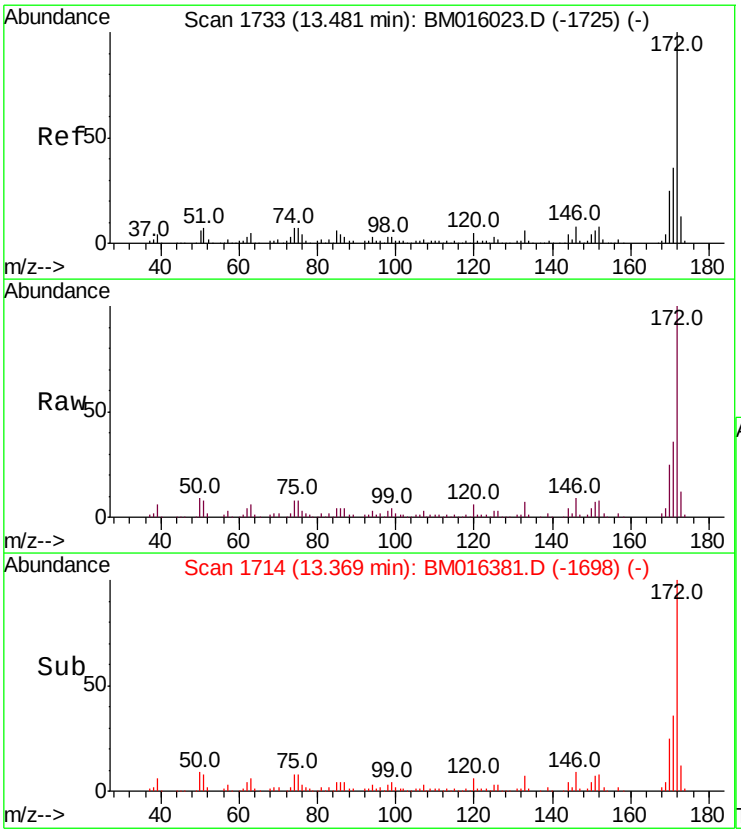
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.24 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BM016381.D
Acq: 15 Aug 2018 15:32

Instrument :
BNA_M
ClientSampleId :
TP-2

Tgt Ion:330 Resp: 57163

Ion	Ratio	Lower	Upper
330	100		
332	94.7	0.0	0.0#
141	88.2	0.0	0.0#

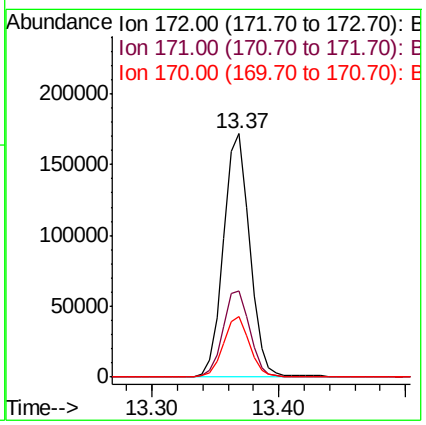


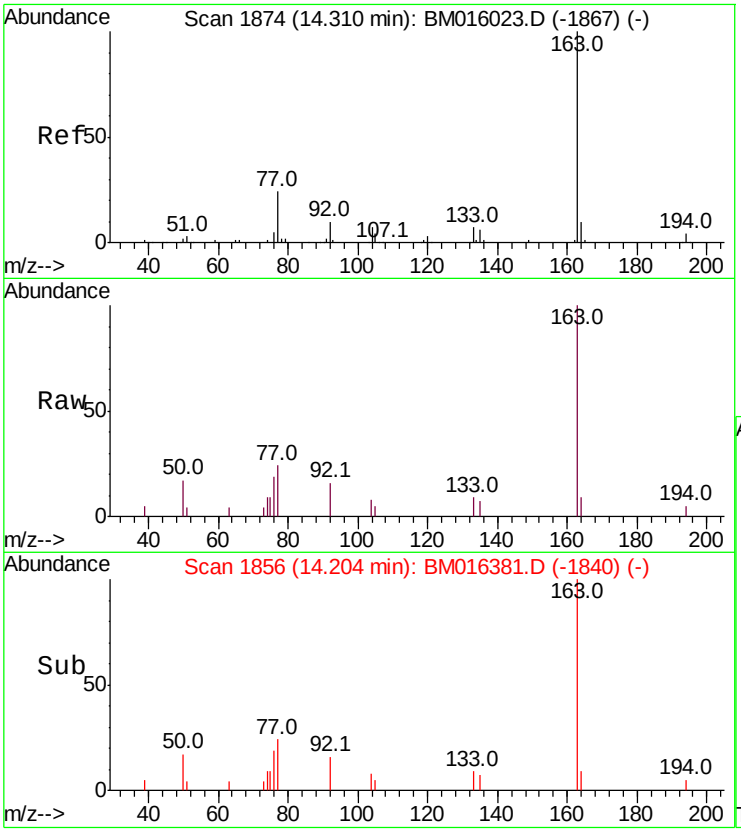


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.37 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BM016381.D
Acq: 15 Aug 2018 15:32

Tgt Ion:172 Resp: 247422

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	24.6	18.8	28.2



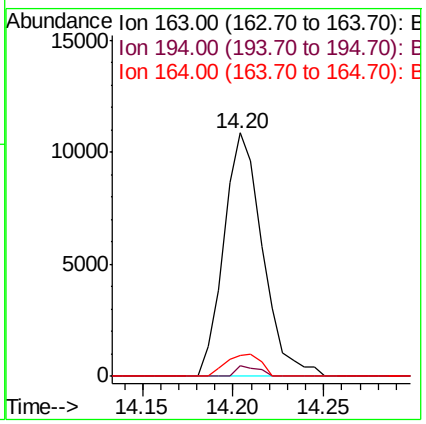


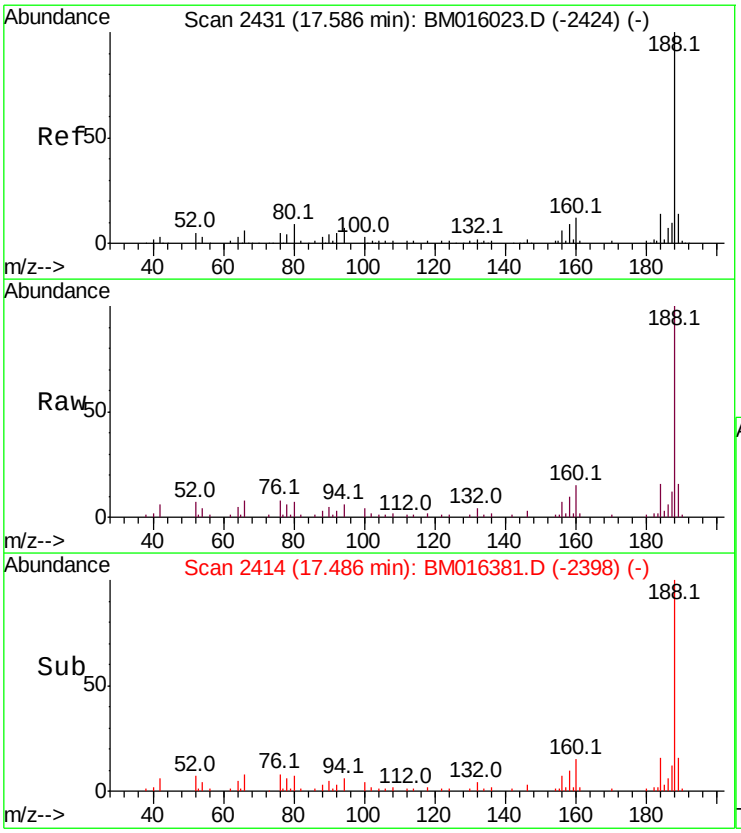
#49
Dimethylphthalate
Concen: 4.881 ng
RT: 14.20 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM016381.D
Acq: 15 Aug 2018 15:32

Instrument :
BNA_M
ClientSampleId :
TP-2

Tgt Ion:163 Resp: 16126

Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.7	4.1#
164	8.7	8.2	12.2

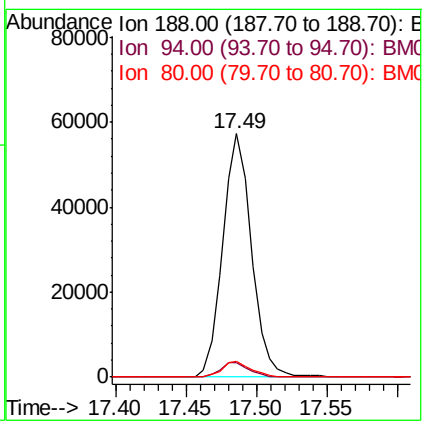


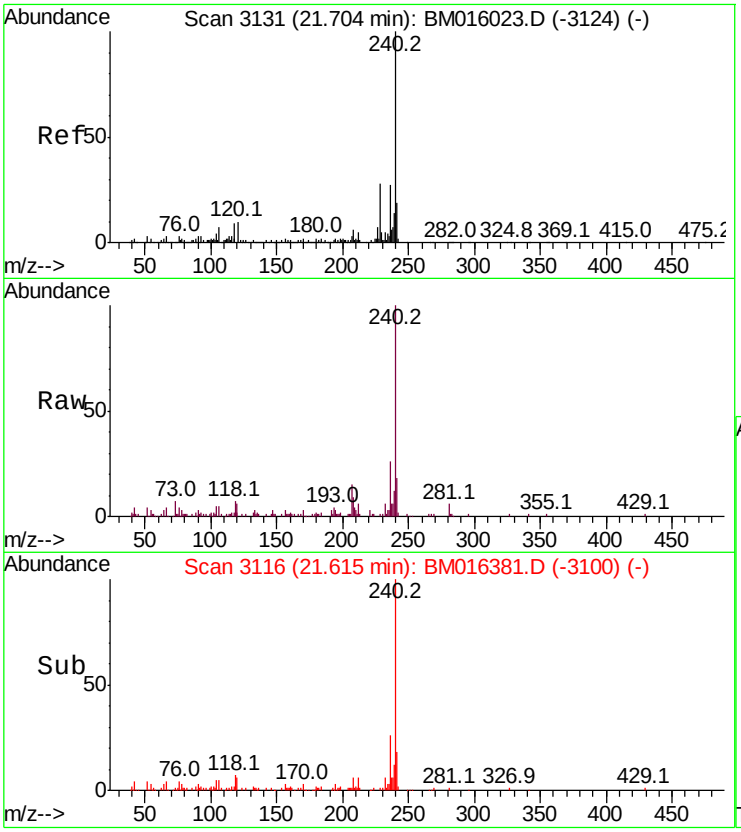


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM016381.D
Acq: 15 Aug 2018 15:32

Tgt Ion:188 Resp: 81388

Ion	Ratio	Lower	Upper
188	100		
94	5.8	8.7	13.1#
80	6.6	9.3	13.9#



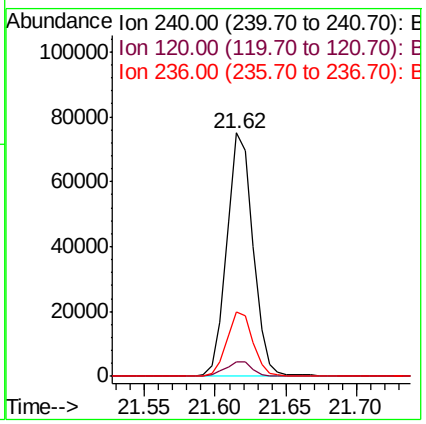


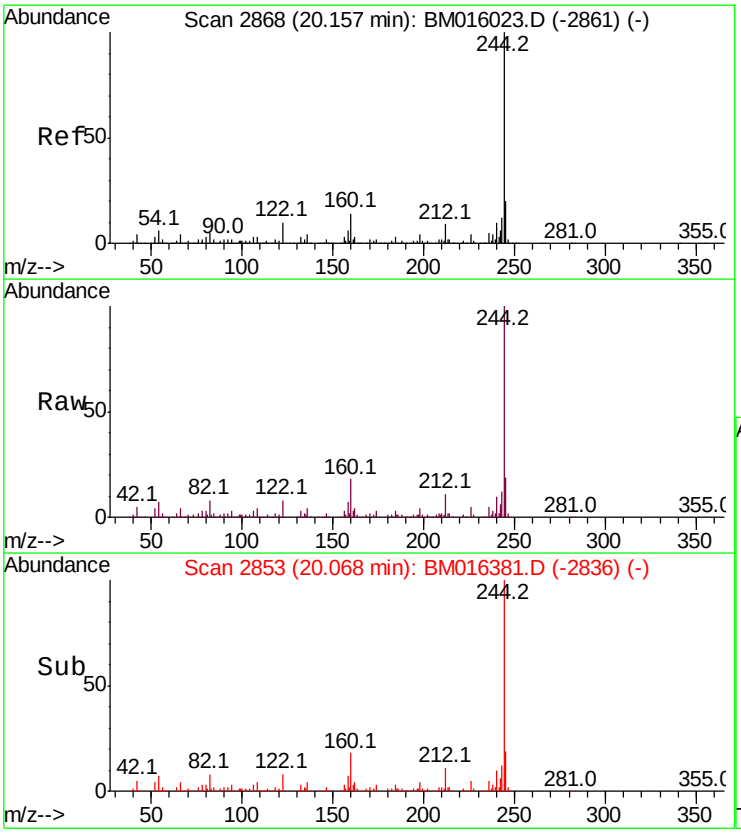
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM016381.D
Acq: 15 Aug 2018 15:32

Instrument :
BNA_M
ClientSampleId :
TP-2

Tgt Ion:240 Resp: 96886

Ion	Ratio	Lower	Upper
240	100		
120	5.9	8.2	12.2#
236	26.3	20.0	30.0

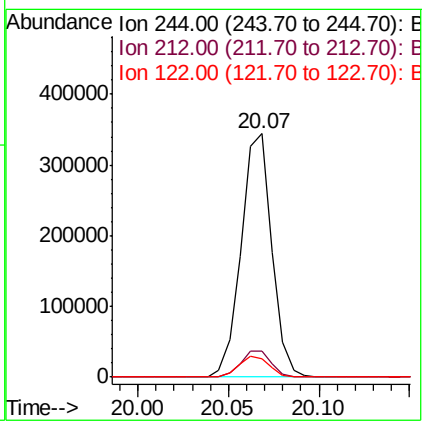


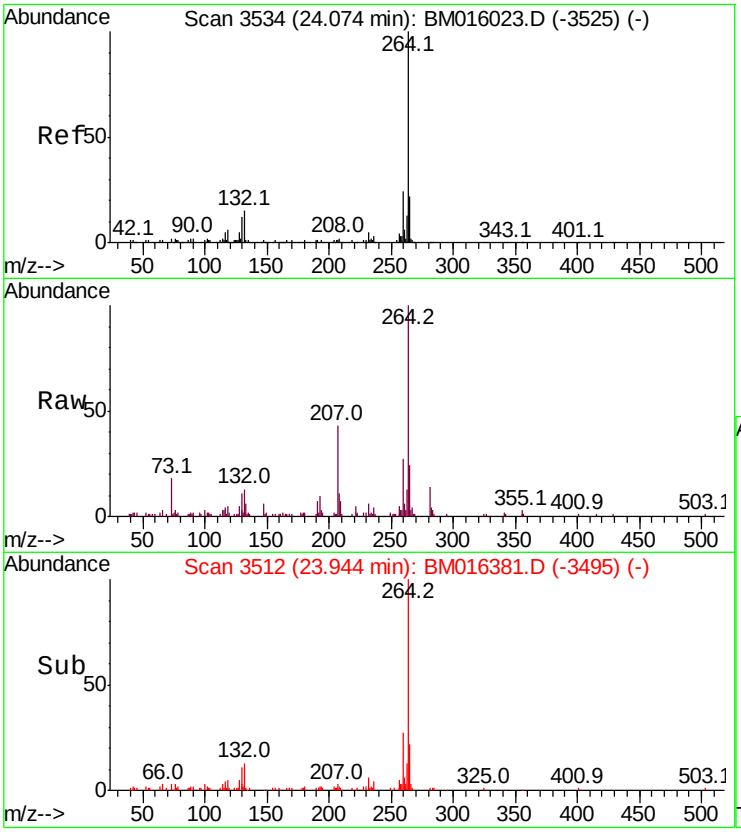


#78
Terphenyl-d14
Concen: Below ng
RT: 20.07 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BM016381.D
Acq: 15 Aug 2018 15:32

Tgt Ion:244 Resp: 403297

Ion	Ratio	Lower	Upper
244	100		
212	10.9	4.9	7.3#
122	7.7	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.94 min Scan# 3512
Delta R.T. 0.00 min
Lab File: BM016381.D
Acq: 15 Aug 2018 15:32

Instrument :
BNA_M
ClientSampleId :
TP-2

Tgt Ion:264 Resp: 100802

Ion	Ratio	Lower	Upper
264	100		
260	27.0	18.6	27.8
265	24.2	17.3	25.9