Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
Data File : BM016400.D
Acq On : 16 Aug 2018 04:24
Operator : SJ/JU
Sample : J4471-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-5

Quant Time: Aug 16 07:47:03 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	18597	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	64146	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	33795	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	75946	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	77594	20.00	ng	0.00
86) Perylene-d12	23.94	264	83801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	161461	144.22	ng	0.00
7) Phenol-d6	7.28	99	165003	112.86	ng	0.00
23) Nitrobenzene-d5	9.30	82	168615	122.26	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	72231	168.52	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	329674	118.69	ng	-0.01
78) Terphenyl-d14	20.06	244	558227	150.60	ng	0.00

Target Compounds	Qvalue

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

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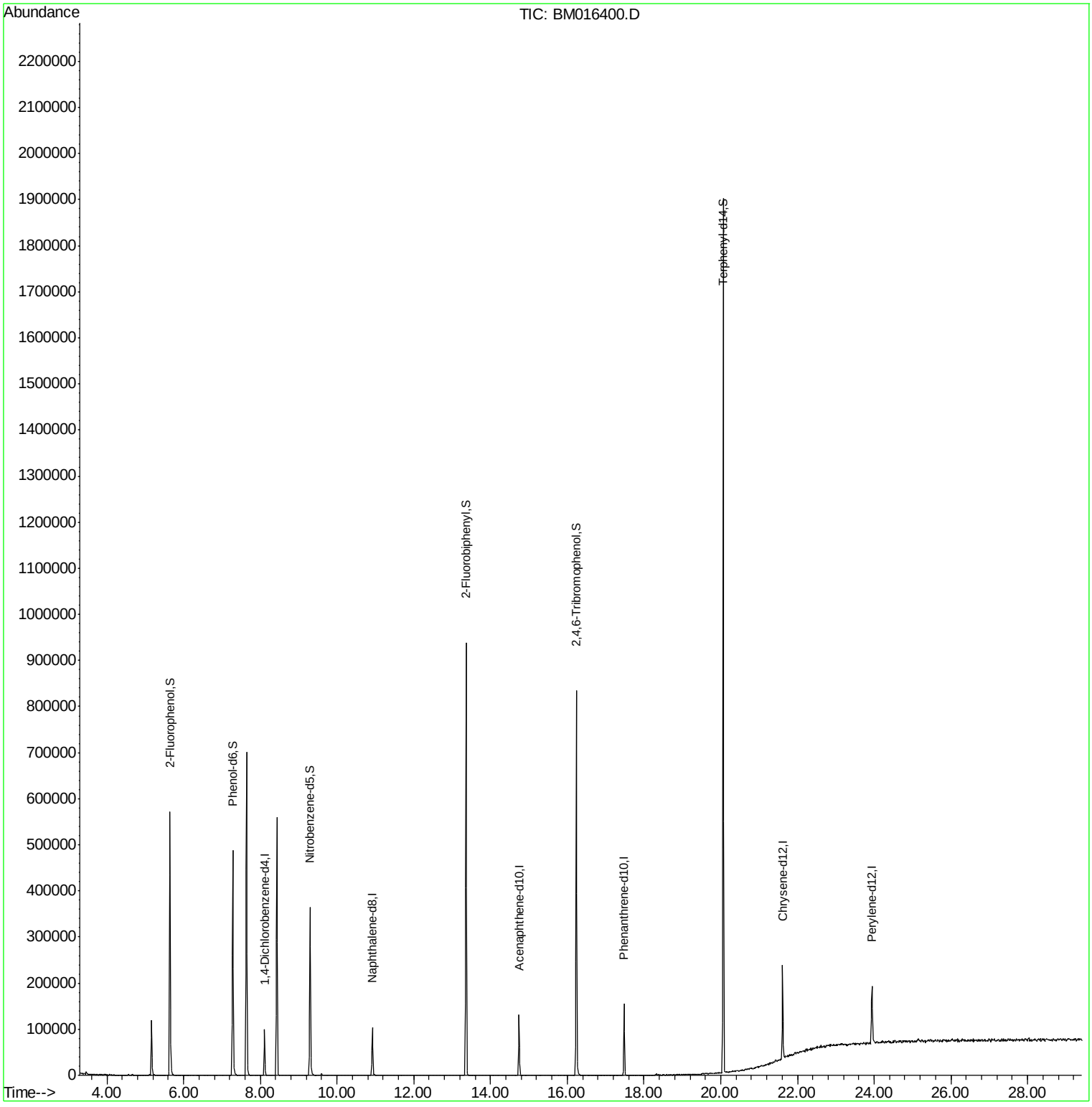
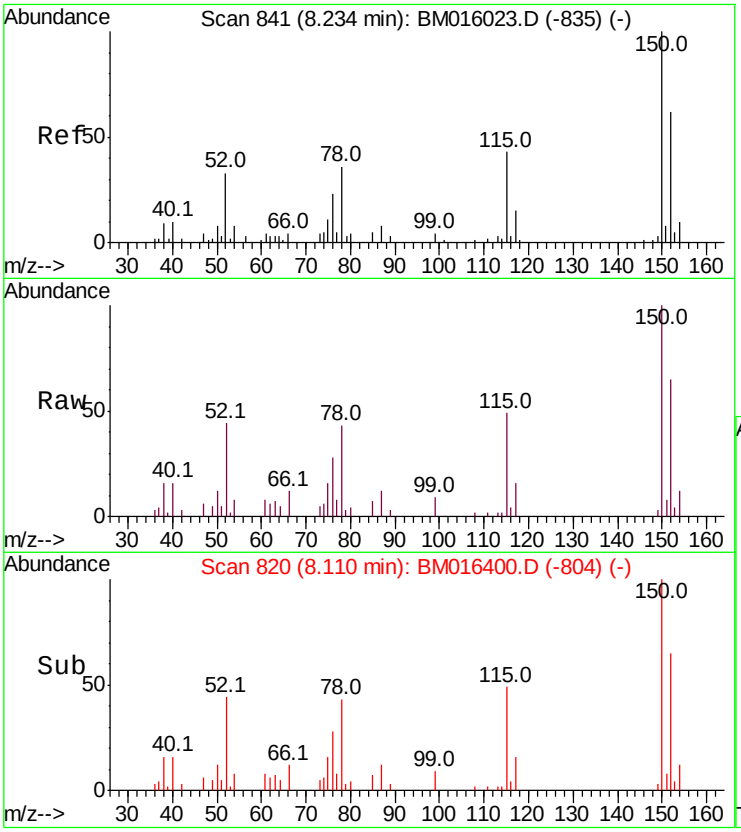


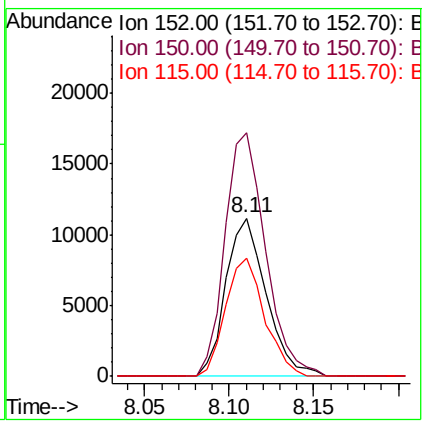


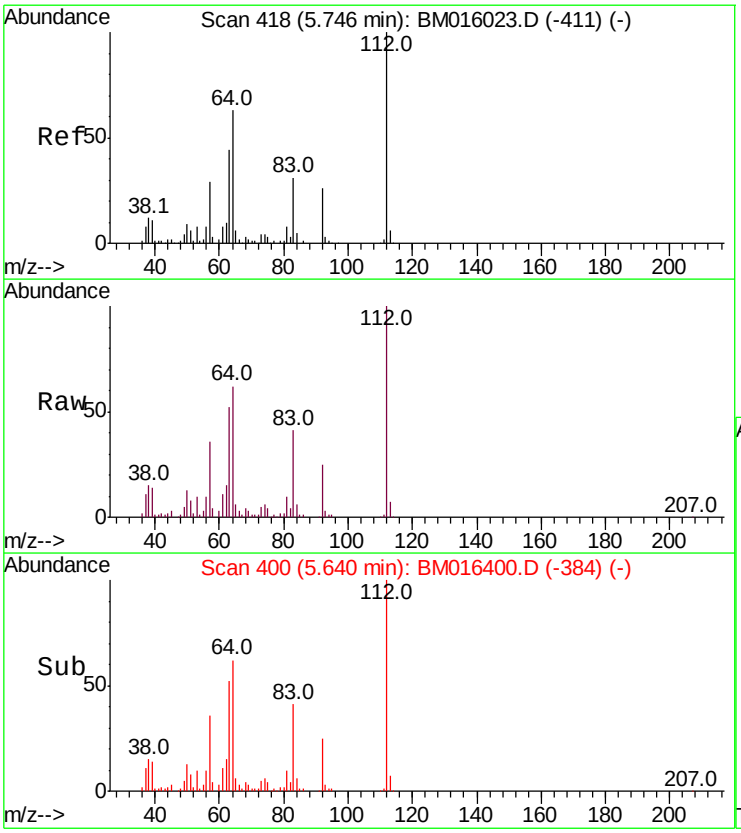
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.01 min
Lab File: BM016400.D
Acq: 16 Aug 2018 04:24

Instrument :
BNA_M
ClientSampleId :
TP-5

Tgt Ion:152 Resp: 18597

Ion	Ratio	Lower	Upper
152	100		
150	154.0	119.5	179.3
115	74.9	43.0	64.4#

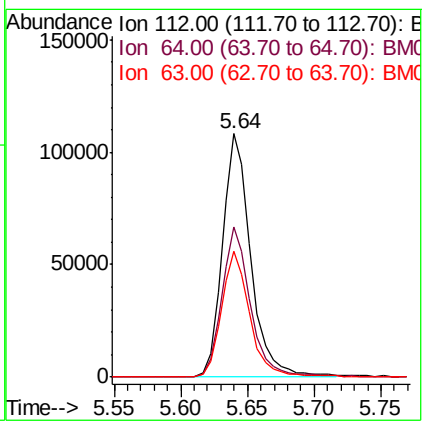


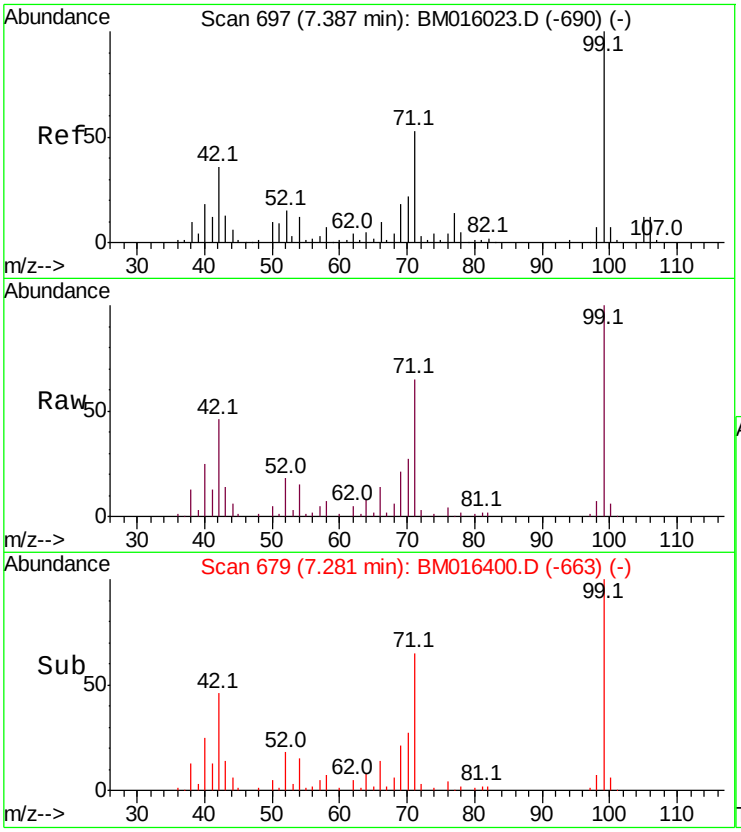


#5
2-Fluorophenol
Concen: N.D. ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BM016400.D
Acq: 16 Aug 2018 04:24

Tgt Ion:112 Resp: 161461

Ion	Ratio	Lower	Upper
112	100		
64	61.8	38.6	57.8#
63	51.8	19.3	28.9#



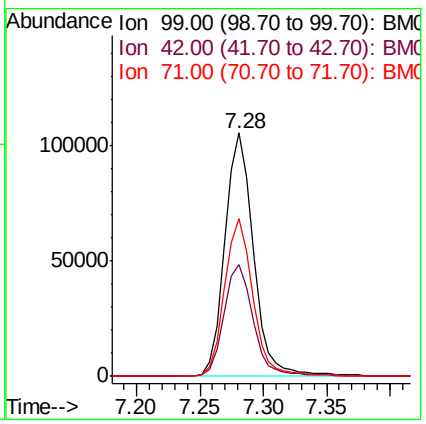


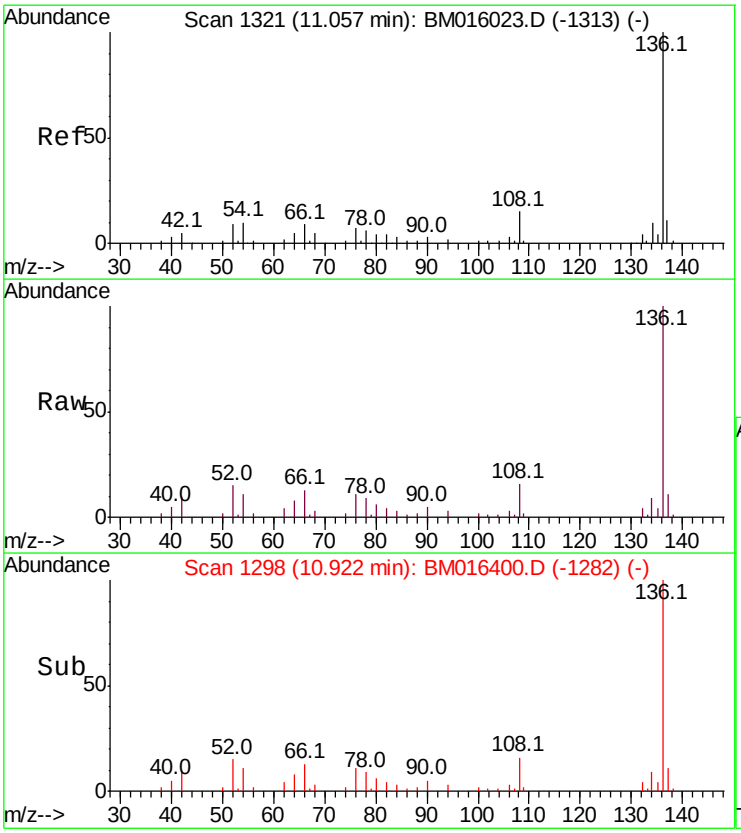
#7
Phenol-d6
Concen: N.D. ng
RT: 7.28 min Scan# 679
Delta R.T. -0.01 min
Lab File: BM016400.D
Acq: 16 Aug 2018 04:24

Instrument :
BNA_M
ClientSampleId :
TP-5

Tgt Ion: 99 Resp: 165003

Ion	Ratio	Lower	Upper
99	100		
42	45.8	11.0	16.4#
71	64.8	23.4	35.2#

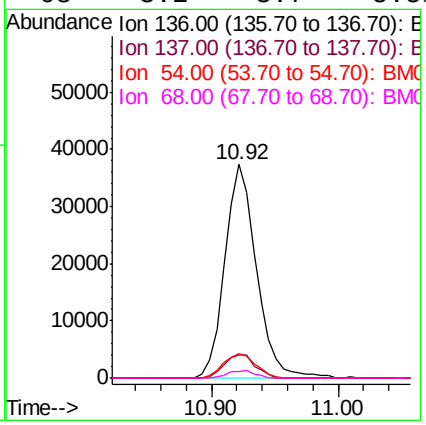


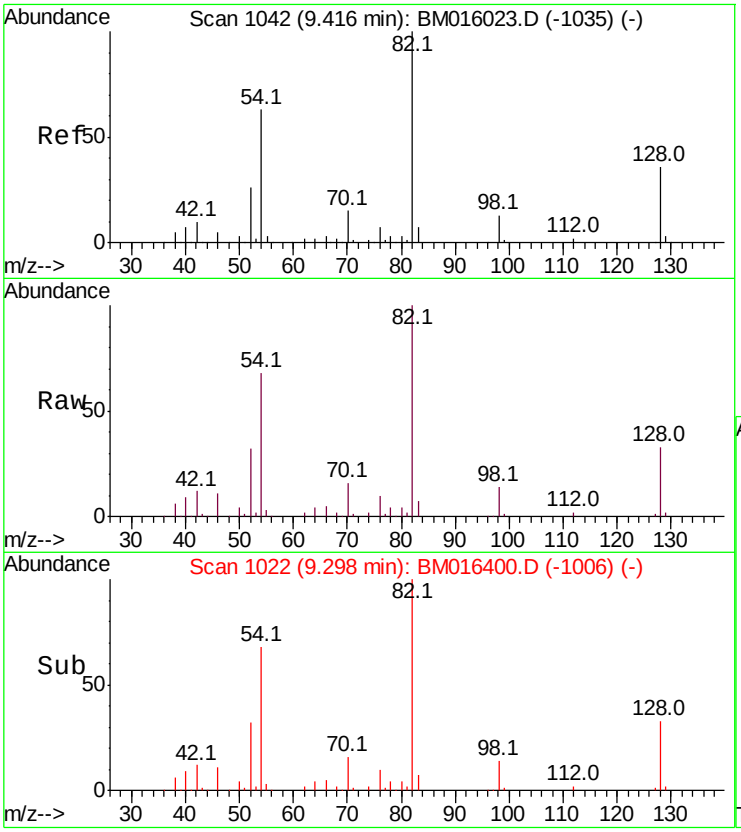


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM016400.D
Acq: 16 Aug 2018 04:24

Tgt Ion:136 Resp: 64146

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	11.2	4.6	6.8#
68	3.2	3.7	5.5#



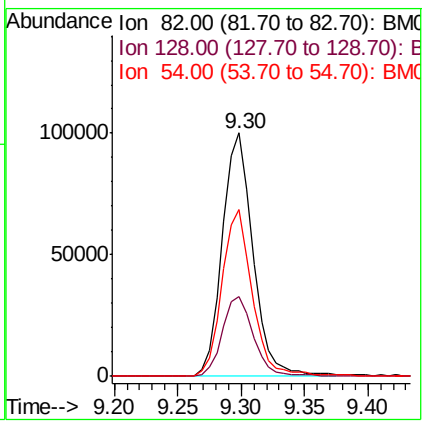


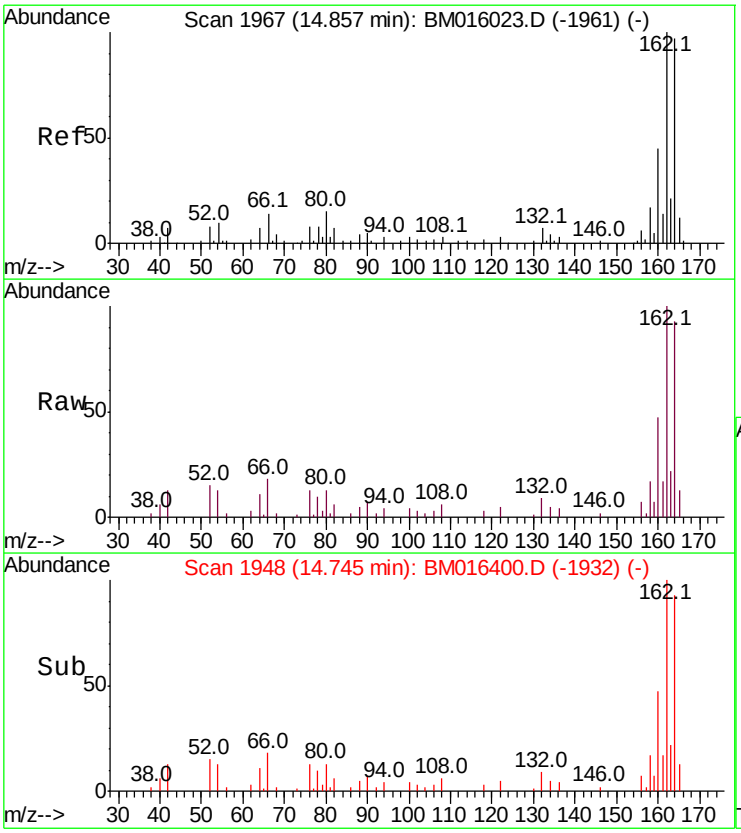
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BM016400.D
Acq: 16 Aug 2018 04:24

Instrument :
BNA_M
ClientSampleId :
TP-5

Tgt Ion: 82 Resp: 168615

Ion	Ratio	Lower	Upper
82	100		
128	32.6	32.8	49.2#
54	68.3	40.6	60.8#

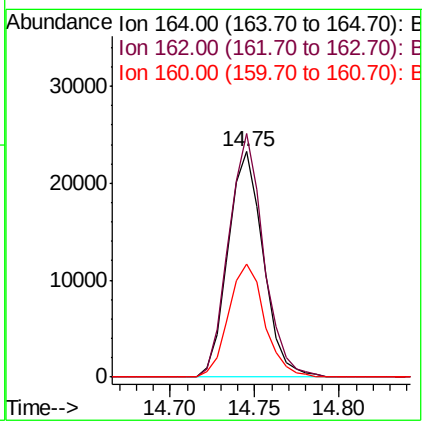


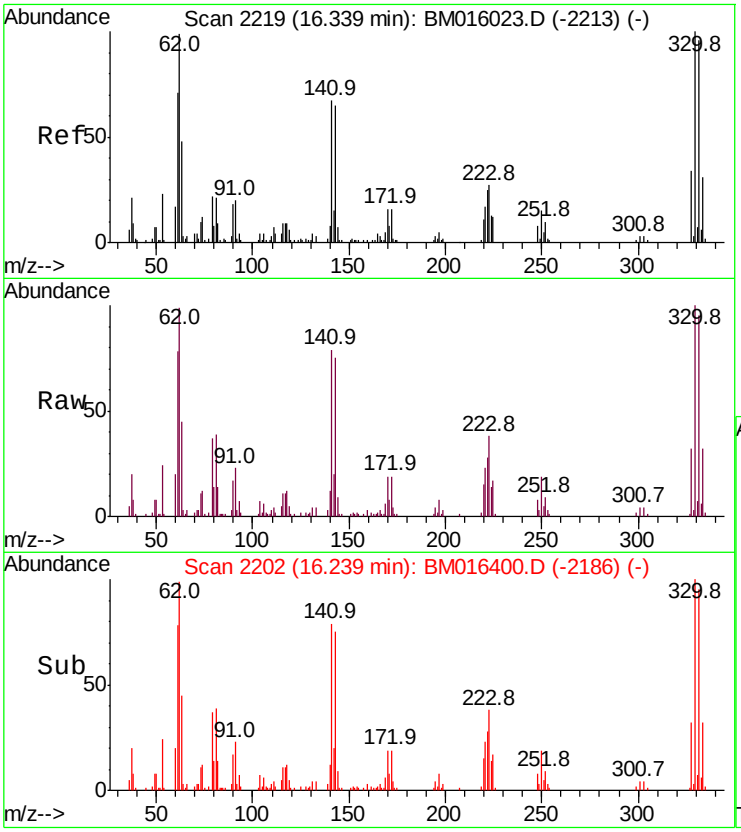


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BM016400.D
Acq: 16 Aug 2018 04:24

Tgt Ion:164 Resp: 33795

Ion	Ratio	Lower	Upper
164	100		
162	108.1	82.4	123.6
160	50.3	35.8	53.6



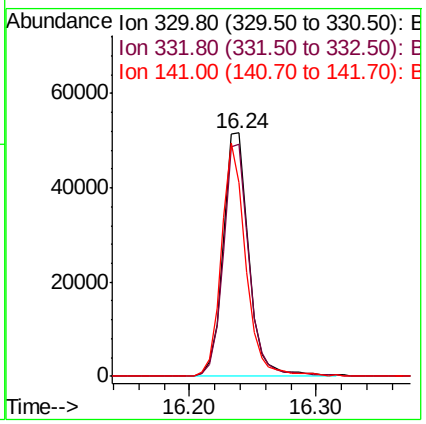


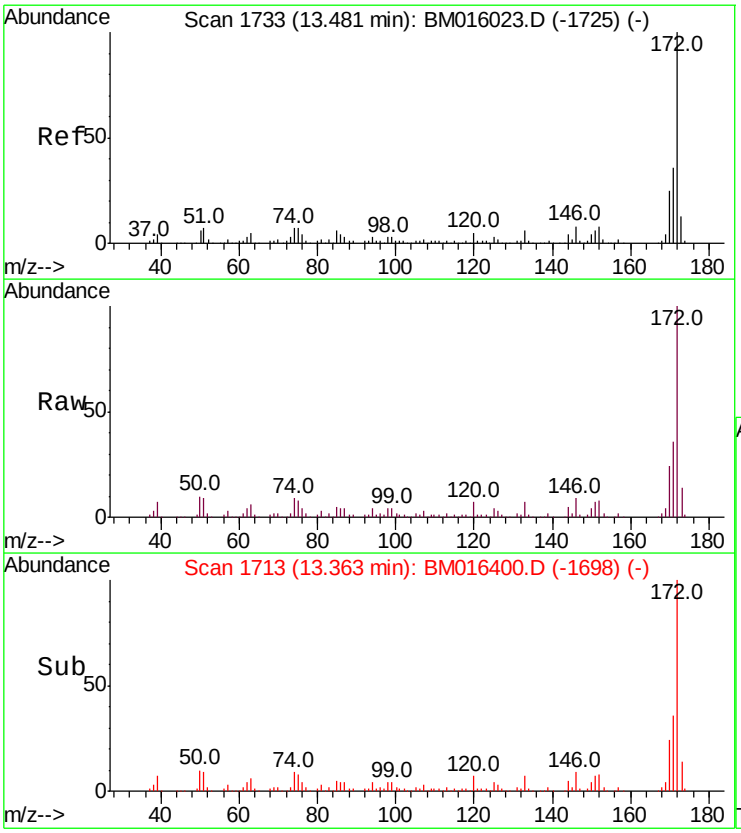
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.24 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BM016400.D
Acq: 16 Aug 2018 04:24

Instrument :
BNA_M
ClientSampleId :
TP-5

Tgt Ion:330 Resp: 72231

Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	90.8	0.0	0.0#

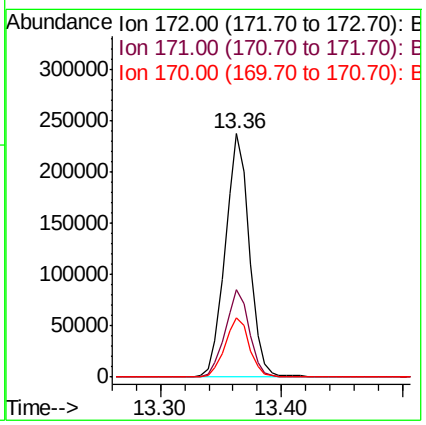


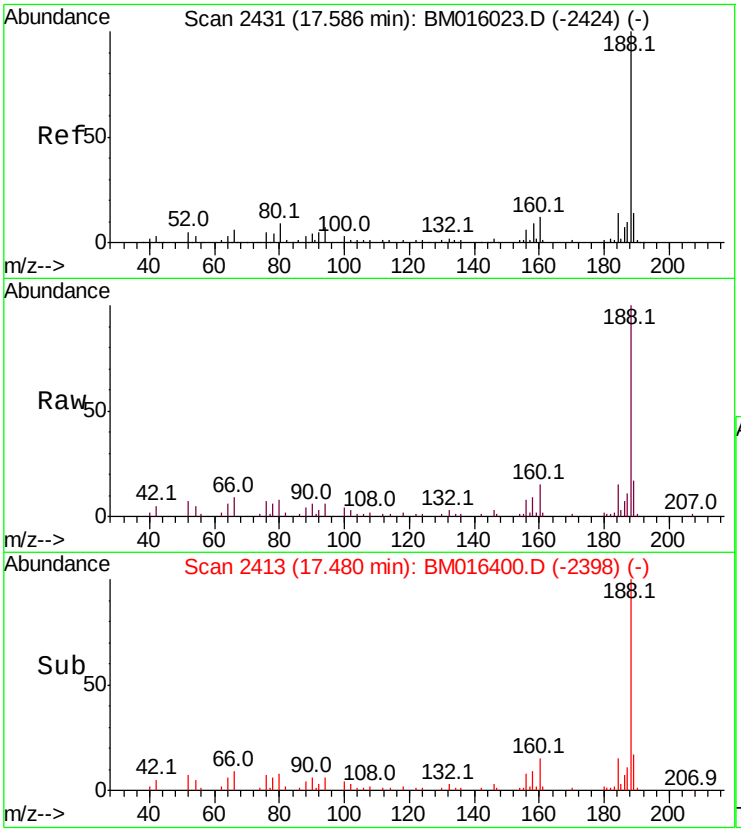


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.36 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BM016400.D
Acq: 16 Aug 2018 04:24

Tgt Ion:172 Resp: 329674

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	24.3	18.8	28.2



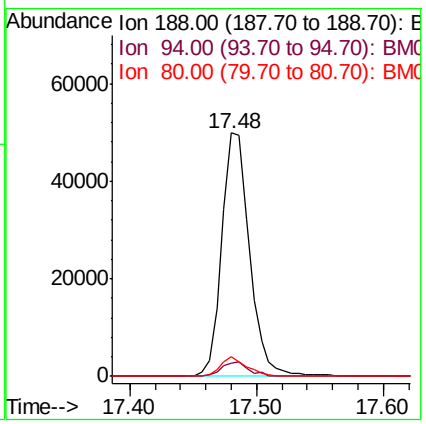


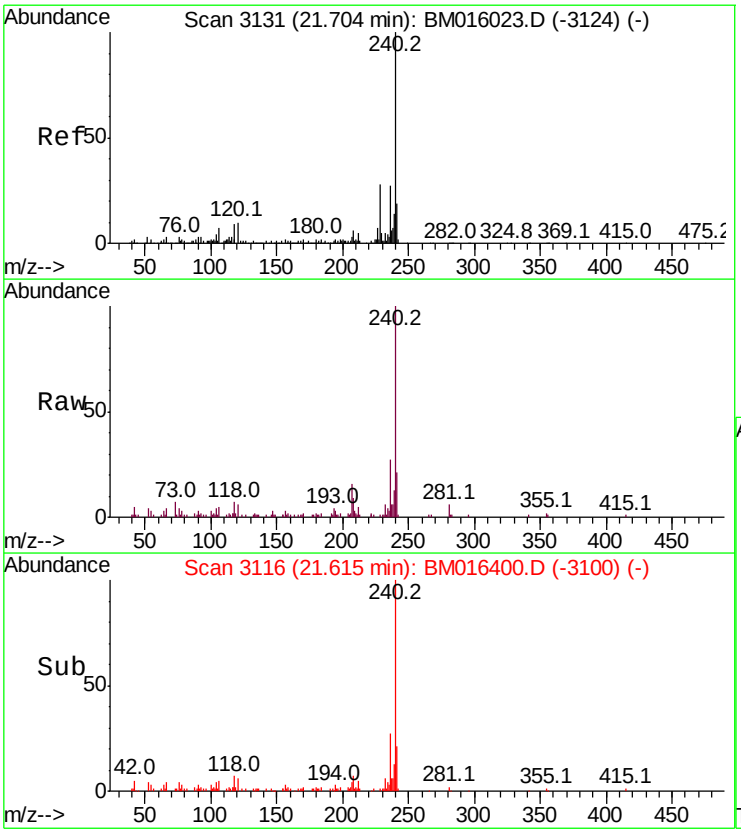
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BM016400.D
Acq: 16 Aug 2018 04:24

Instrument :
BNA_M
ClientSampleId :
TP-5

Tgt Ion:188 Resp: 75946

Ion	Ratio	Lower	Upper
188	100		
94	5.6	8.7	13.1#
80	7.9	9.3	13.9#

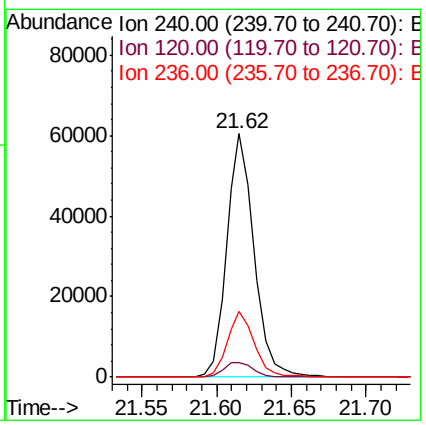


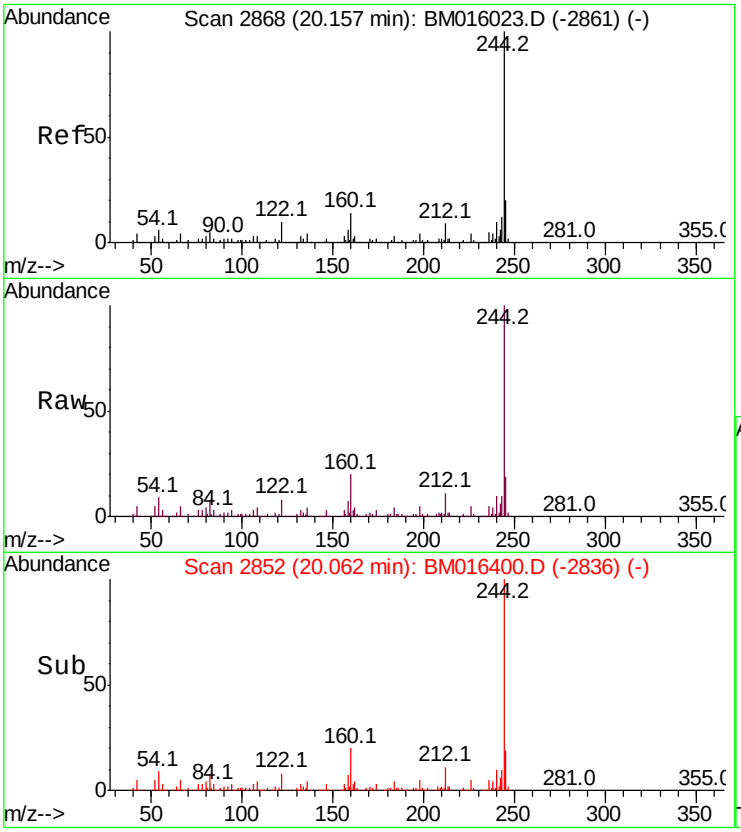


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM016400.D
Acq: 16 Aug 2018 04:24

Tgt Ion:240 Resp: 77594

Ion	Ratio	Lower	Upper
240	100		
120	5.8	8.2	12.2#
236	26.9	20.0	30.0



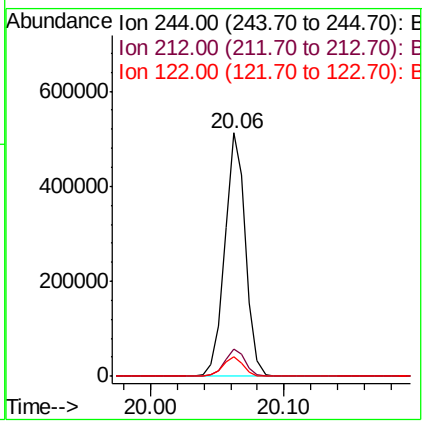


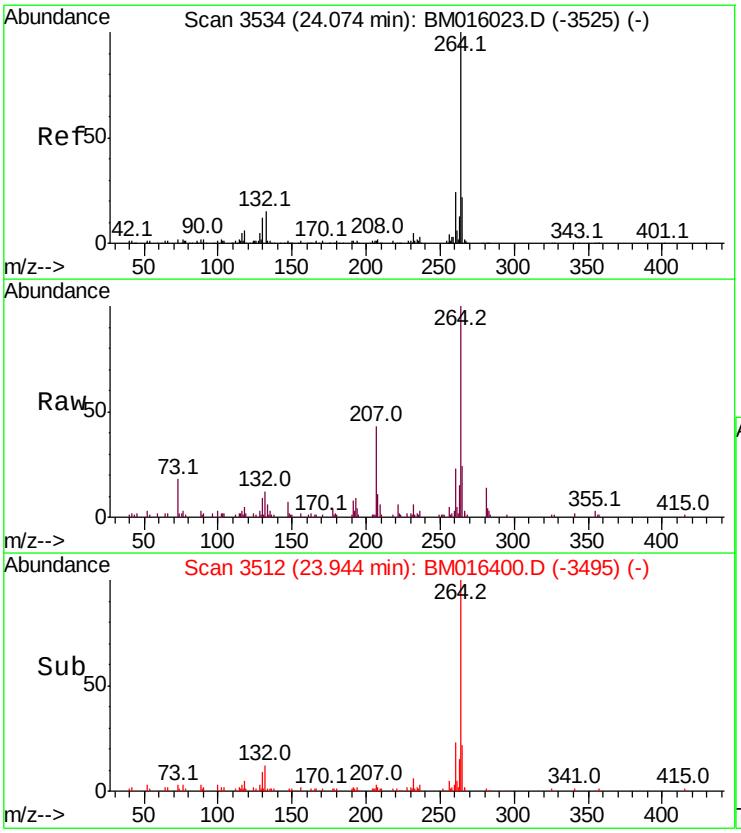
#78
Terphenyl-d14
Concen: N.D. ng
RT: 20.06 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BM016400.D
Acq: 16 Aug 2018 04:24

Instrument :
BNA_M
ClientSampleId :
TP-5

Tgt Ion:244 Resp: 558227

Ion	Ratio	Lower	Upper
244	100		
212	11.1	4.9	7.3#
122	7.8	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: BM016400.D
Acq: 16 Aug 2018 04:24

Tgt Ion:264 Resp: 83801

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	23.7	17.3	25.9