Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110718\
Data File : BM017534.D
Acq On : 06 Nov 2018 19:29
Operator : MJ/SJ
Sample : J5815-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HL-R25951-RT

Quant Time: Nov 07 09:02:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 15:08:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	215606	20.00	ng	-0.02
21) Naphthalene-d8	10.40	136	824143	20.00	ng	-0.02
39) Acenaphthene-d10	14.27	164	483582	20.00	ng	-0.02
64) Phenanthrene-d10	17.03	188	1217125	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1535411	20.00	ng	-0.02
87) Perylene-d12	23.42	264	1629954	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1531074	120.11	ng	-0.01
7) Phenol-d6	6.82	99	1809809	104.24	ng	-0.02
23) Nitrobenzene-d5	8.78	82	1386455	98.39	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	990518	151.46	ng	-0.02
45) 2-Fluorobiphenyl	12.89	172	3179764	87.49	ng	-0.02
79) Terphenyl-d14	19.67	244	6296802	92.44	ng	-0.02

Target Compounds	Qvalue

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

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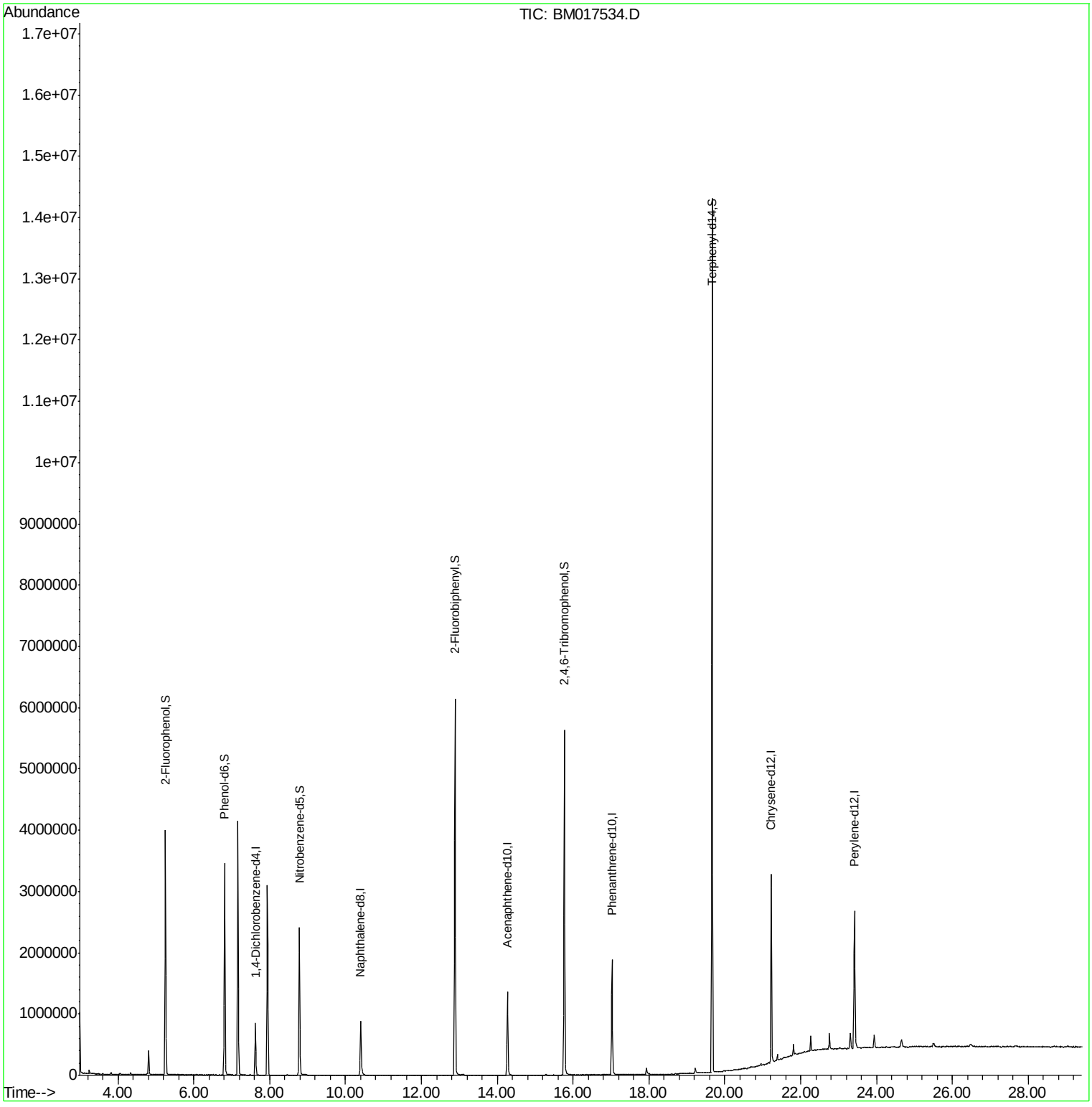
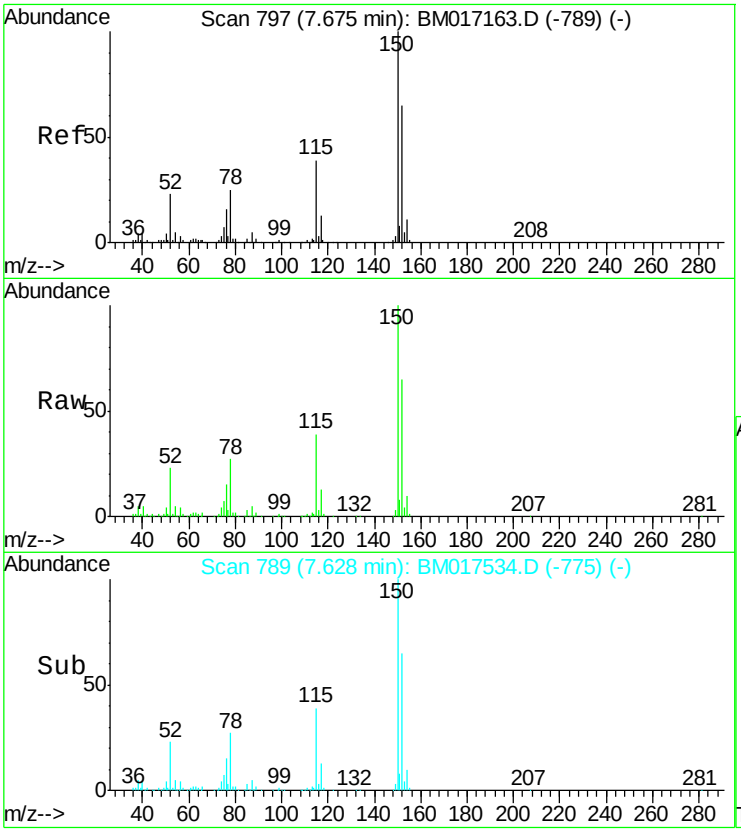


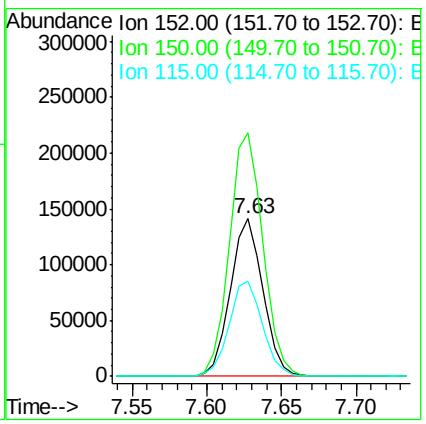


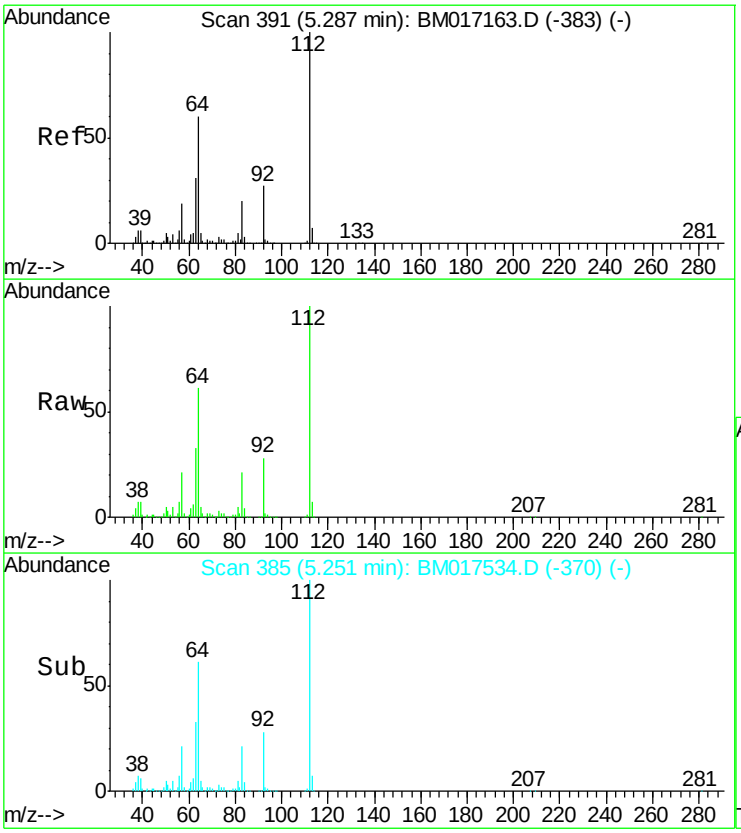
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.02 min
Lab File: BM017534.D
Acq: 06 Nov 2018 19:29

Instrument :
BNA_M
ClientSampleId :
HL-R25951-RT

Tgt Ion:152 Resp: 215606

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.3	186.5
115	60.1	48.1	72.1

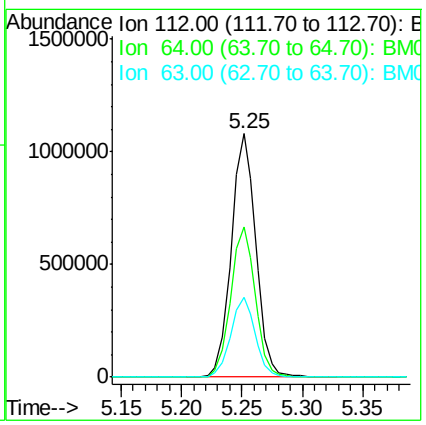


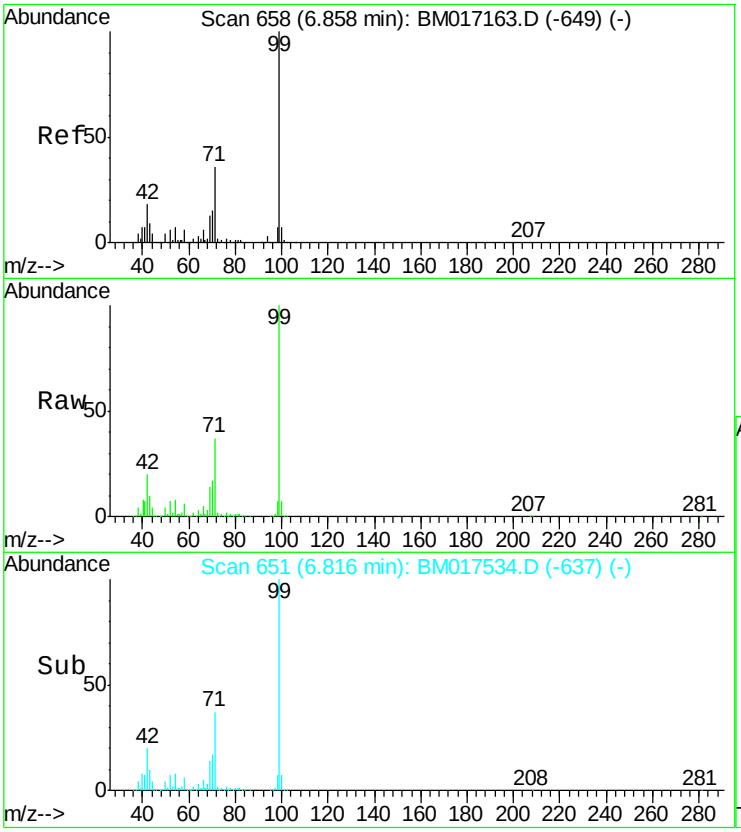


#5
2-Fluorophenol
Concen: 120.106 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM017534.D
Acq: 06 Nov 2018 19:29

Tgt Ion:112 Resp: 1531074

Ion	Ratio	Lower	Upper
112	100		
64	61.5	41.7	62.5
63	32.7	23.0	34.4



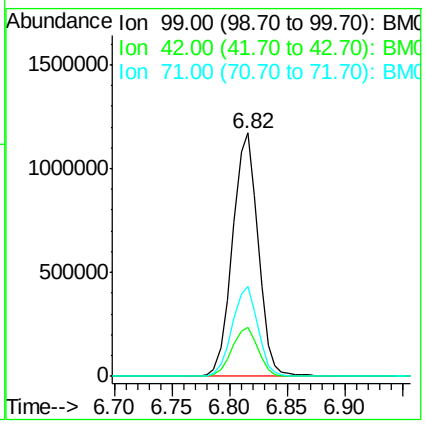


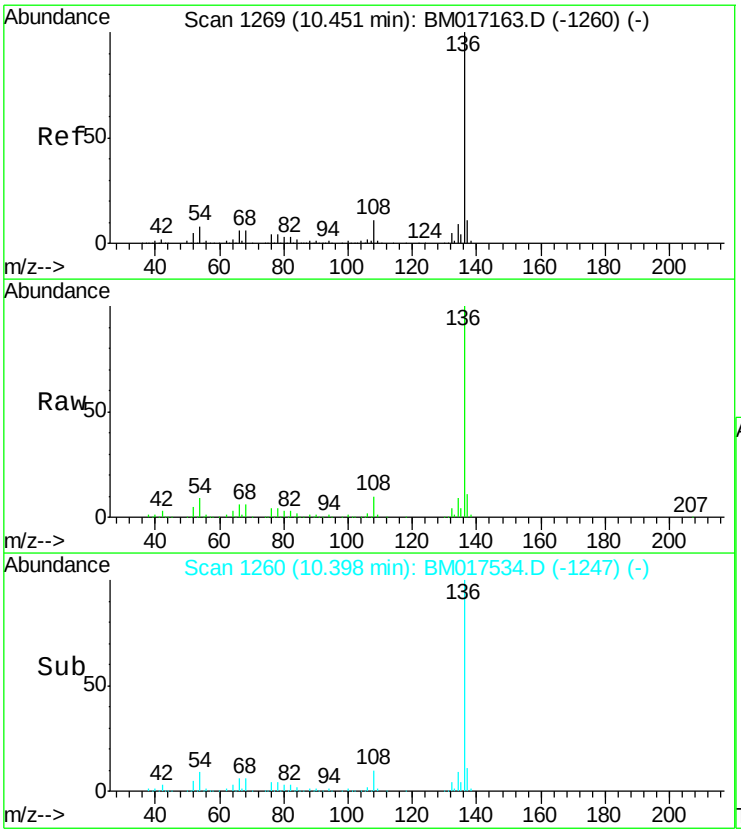
#7
Phenol-d6
Concen: 104.242 ng
RT: 6.82 min Scan# 651
Delta R.T. -0.02 min
Lab File: BM017534.D
Acq: 06 Nov 2018 19:29

Instrument :
BNA_M
ClientSampleId :
HL-R25951-RT

Tgt Ion: 99 Resp: 1809809

Ion	Ratio	Lower	Upper
99	100		
42	20.2	13.3	19.9#
71	36.9	28.0	42.0

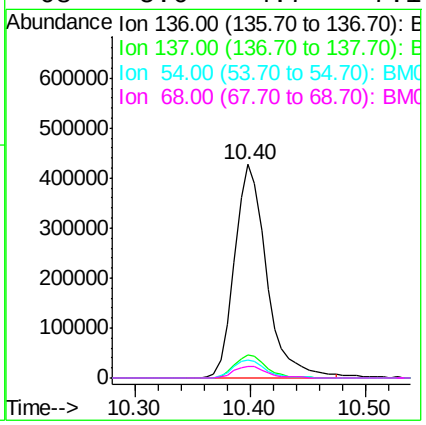


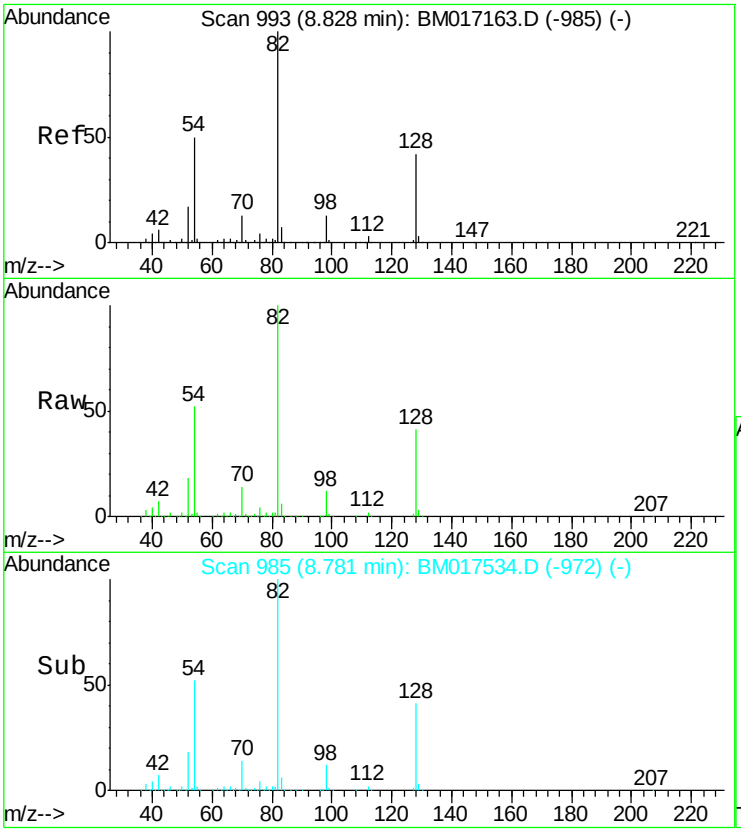


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BM017534.D
Acq: 06 Nov 2018 19:29

Tgt Ion:136 Resp: 824143

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	8.6	6.7	10.1
68	5.6	4.7	7.1



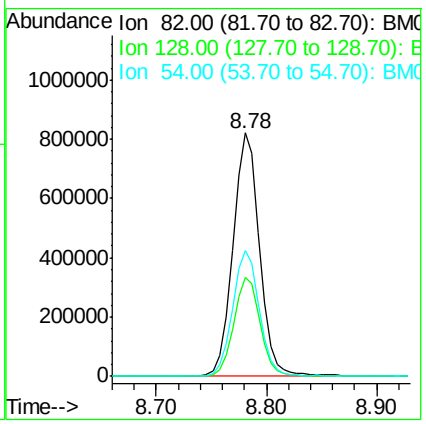


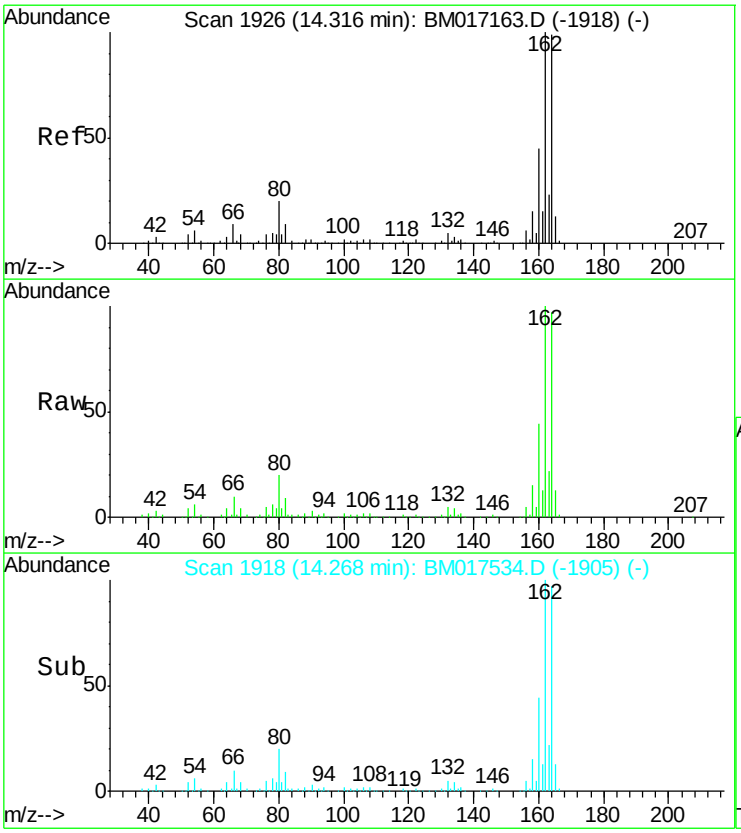
#23
Nitrobenzene-d5
Concen: 98.390 ng
RT: 8.78 min Scan# 985
Delta R.T. -0.02 min
Lab File: BM017534.D
Acq: 06 Nov 2018 19:29

Instrument :
BNA_M
ClientSampleId :
HL-R25951-RT

Tgt Ion: 82 Resp: 1386455

Ion	Ratio	Lower	Upper
82	100		
128	40.9	37.0	55.6
54	51.9	40.7	61.1

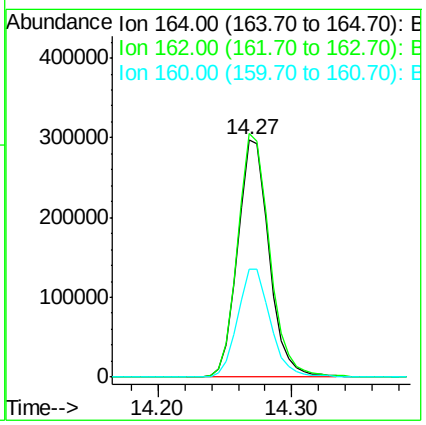


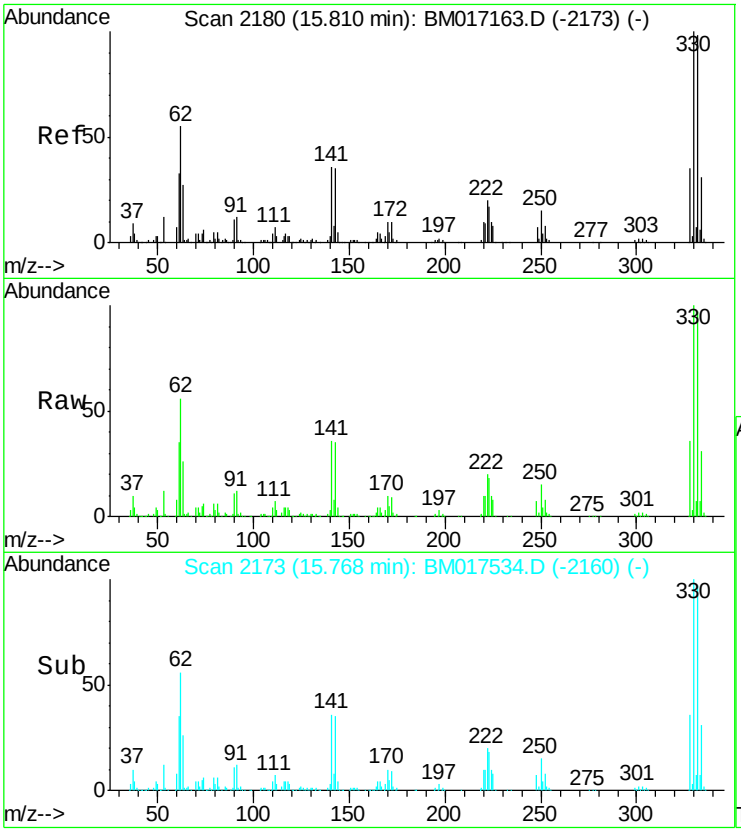


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.27 min Scan# 1918
Delta R.T. -0.02 min
Lab File: BM017534.D
Acq: 06 Nov 2018 19:29

Tgt Ion:164 Resp: 483582

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.1	123.1
160	45.2	40.2	60.2



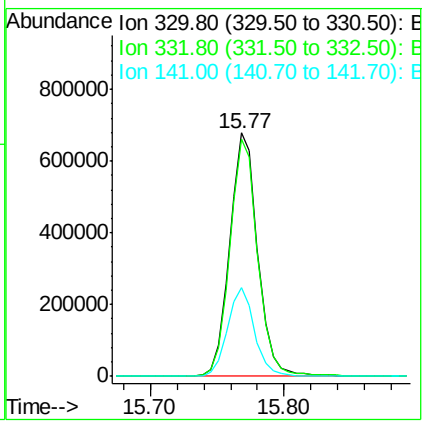


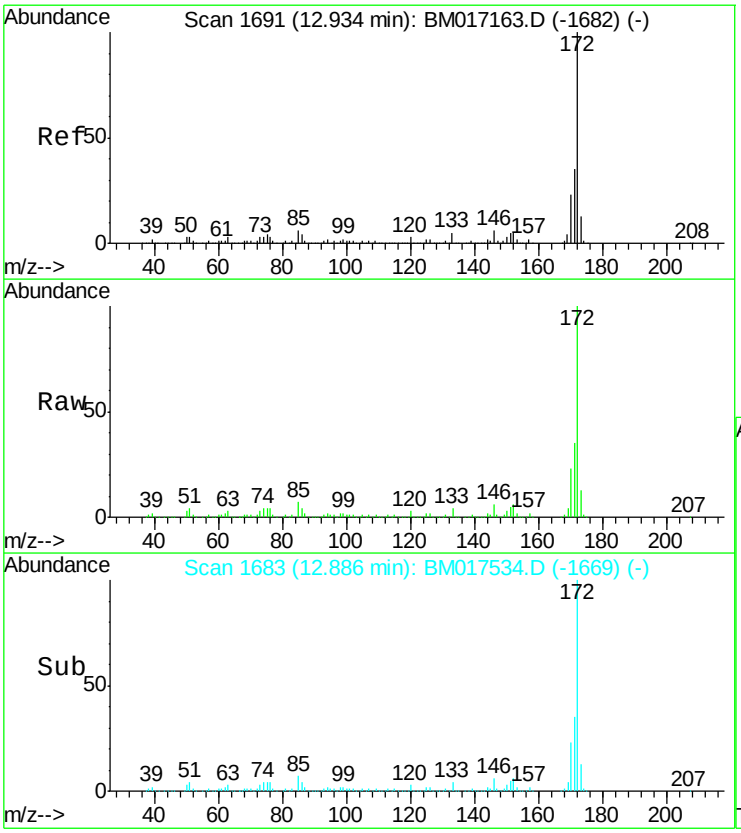
#42
2,4,6-Tribromophenol
Concen: 151.461 ng
RT: 15.77 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BM017534.D
Acq: 06 Nov 2018 19:29

Instrument :
BNA_M
ClientSampleId :
HL-R25951-RT

Tgt Ion:330 Resp: 990518

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	35.7	27.4	41.0

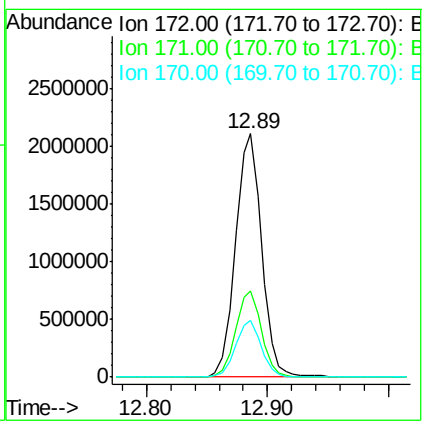


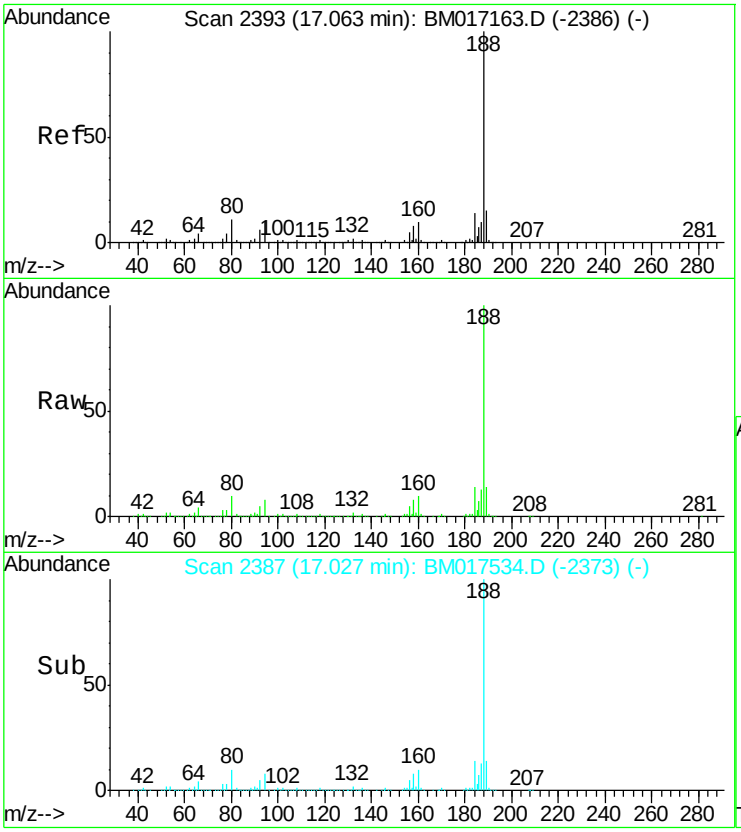


#45
2-Fluorobiphenyl
Concen: 87.489 ng
RT: 12.89 min Scan# 1683
Delta R.T. -0.02 min
Lab File: BM017534.D
Acq: 06 Nov 2018 19:29

Tgt Ion:172 Resp: 3179764

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.1	18.3	27.5



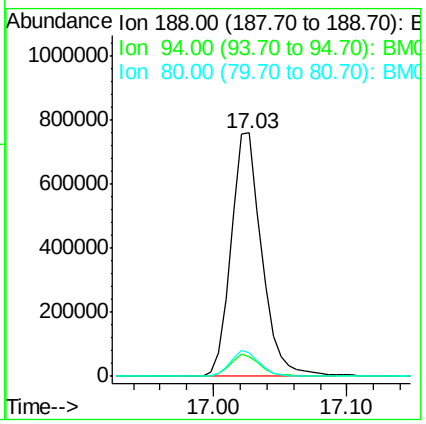


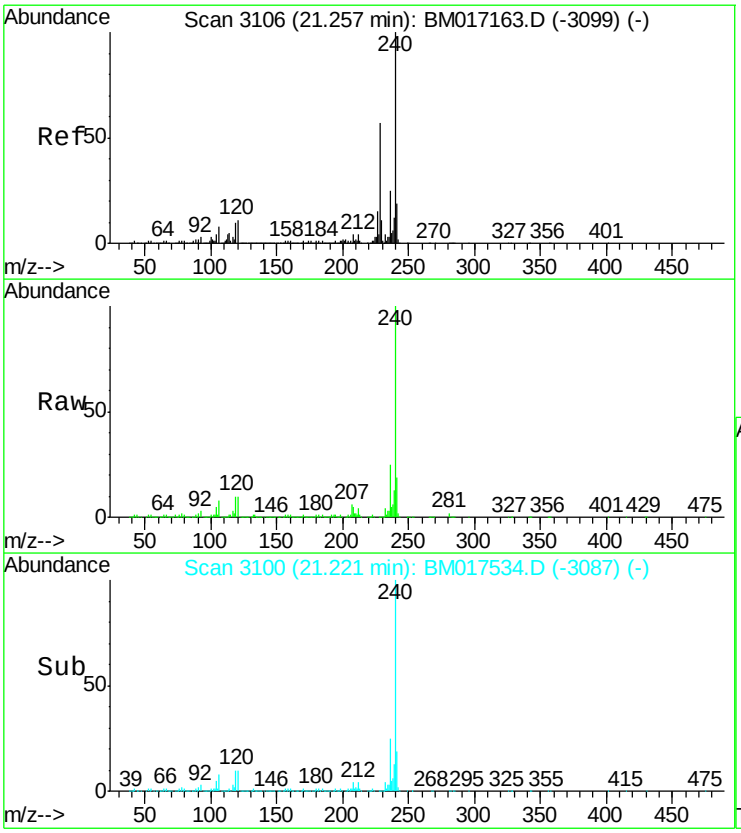
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.03 min Scan# 2387
Delta R.T. -0.02 min
Lab File: BM017534.D
Acq: 06 Nov 2018 19:29

Instrument :
BNA_M
ClientSampleId :
HL-R25951-RT

Tgt Ion:188 Resp: 1217125

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.0	10.4
80	9.7	7.7	11.5

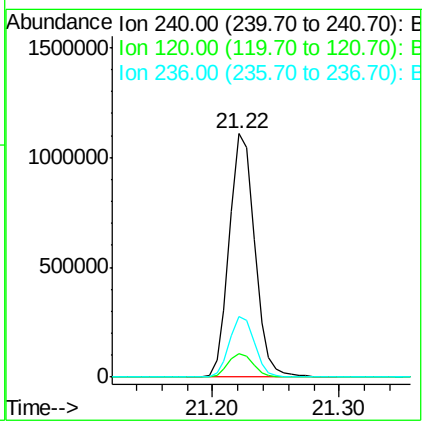


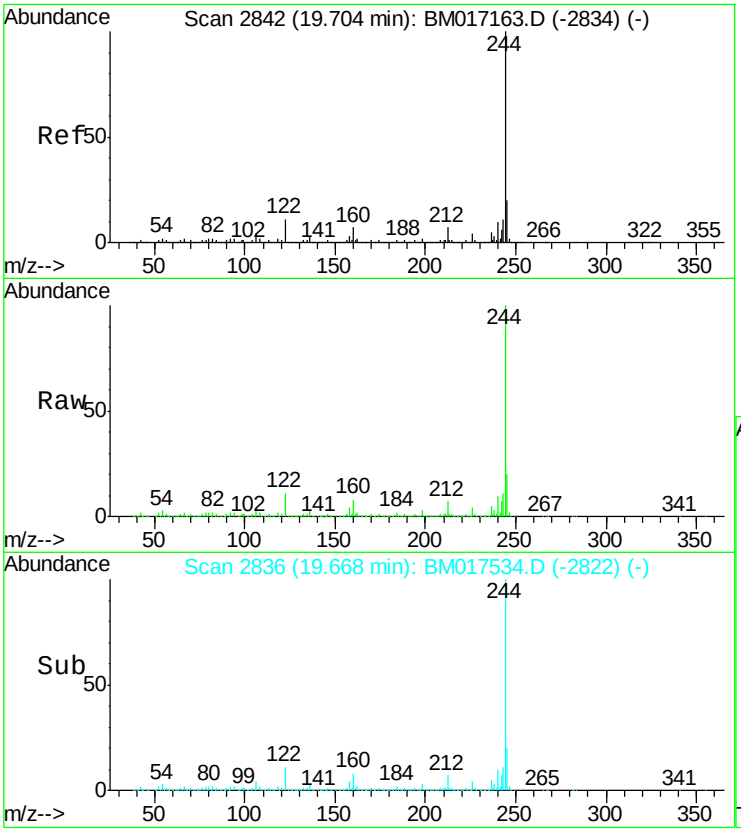


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.22 min Scan# 3100
Delta R.T. -0.02 min
Lab File: BM017534.D
Acq: 06 Nov 2018 19:29

Tgt Ion:240 Resp: 1535411

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.1	12.1
236	24.9	19.9	29.9



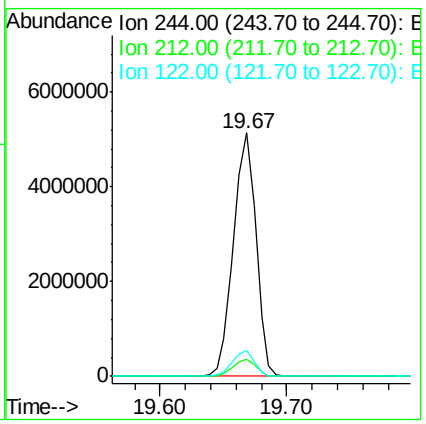


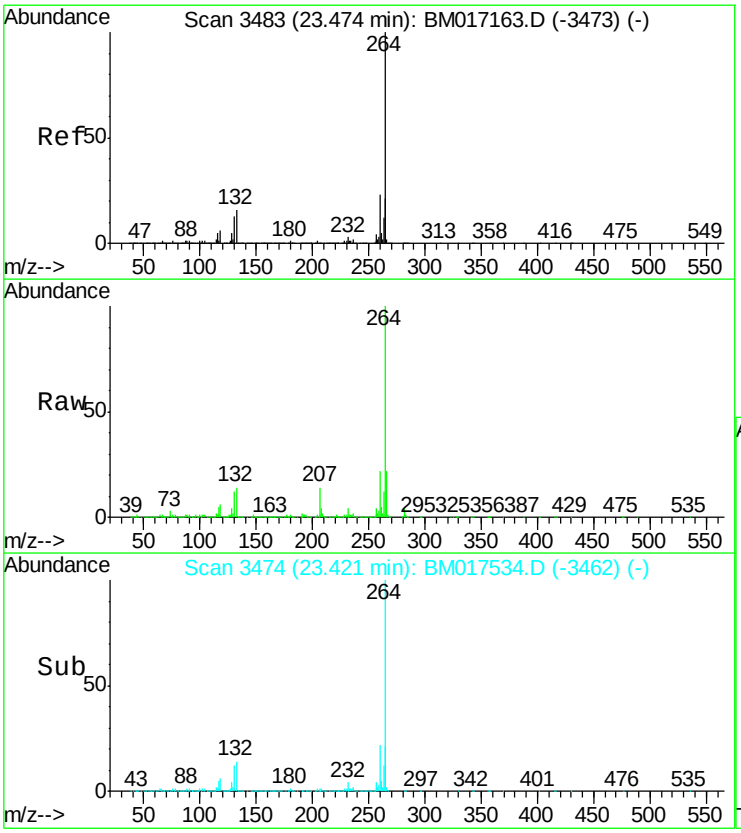
#79
Terphenyl-d14
Concen: 92.438 ng
RT: 19.67 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BM017534.D
Acq: 06 Nov 2018 19:29

Instrument :
BNA_M
ClientSampleId :
HL-R25951-RT

Tgt Ion:244 Resp: 6296802

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	10.5	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3474
Delta R.T. -0.03 min
Lab File: BM017534.D
Acq: 06 Nov 2018 19:29

Tgt Ion:264 Resp: 1629954

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.6	27.8
265	21.9	17.8	26.8