Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051617\
Data File : BM010060.D
Acq On : 16 May 2017 19:15
Operator : SJ/MA
Sample : I3150-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WS-1

Quant Time: May 17 04:32:03 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 19:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	35681	20.00	ng	-0.03
21) Naphthalene-d8	10.55	136	144655	20.00	ng	-0.03
38) Acenaphthene-d10	14.41	164	85317	20.00	ng	-0.03
63) Phenanthrene-d10	17.17	188	237326	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	323656	20.00	ng	-0.03
86) Perylene-d12	23.64	264	280162	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	122570	53.76	ng	-0.02
7) Phenol-d6	6.94	99	119157	32.62	ng	-0.03
23) Nitrobenzene-d5	8.93	82	473001	119.50	ng	-0.03
41) 2,4,6-Tribromophenol	15.91	330	136522	116.92	ng	-0.03
44) 2-Fluorobiphenyl	13.02	172	773356	121.22	ng	-0.03
78) Terphenyl-d14	19.79	244	1682269	109.54	ng	-0.02
Target Compounds						Qvalue

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

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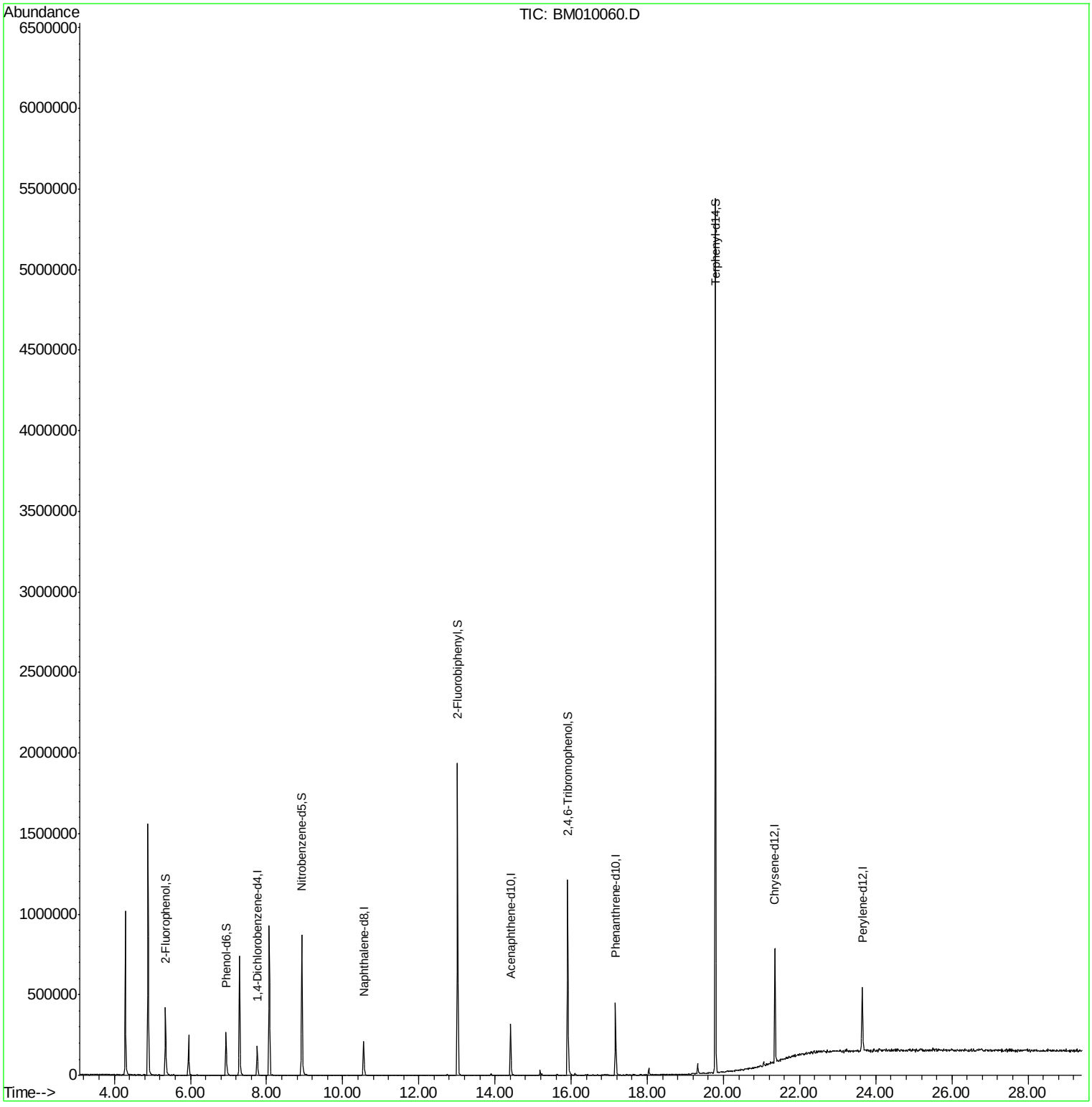
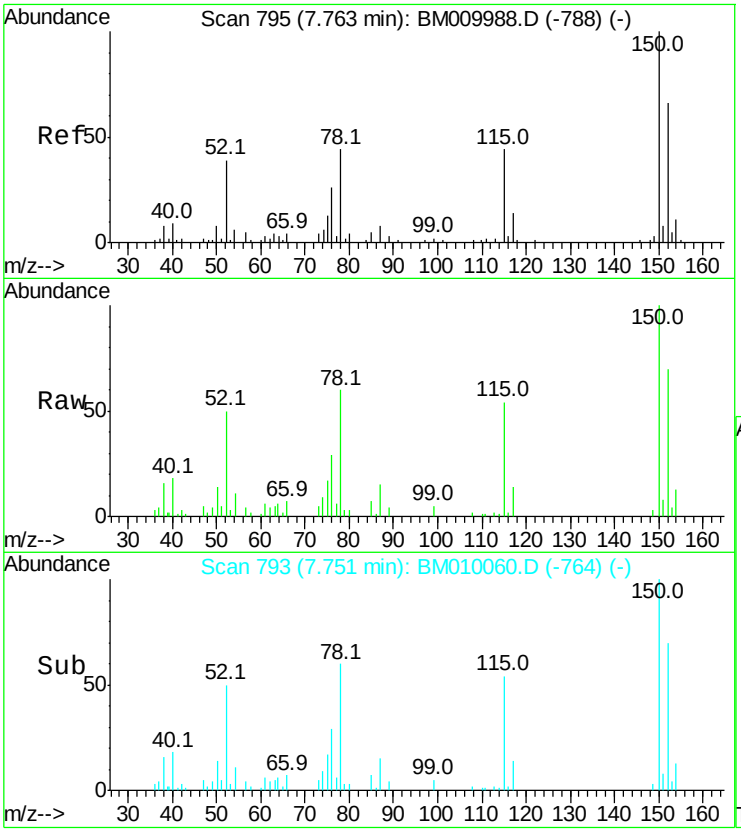


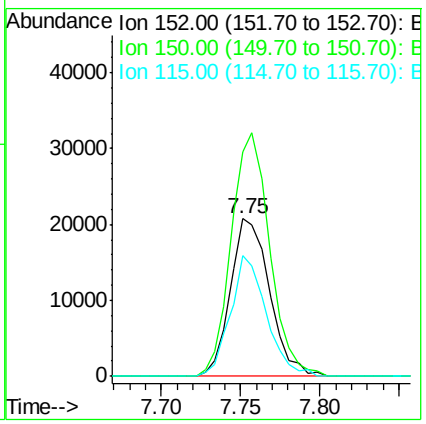


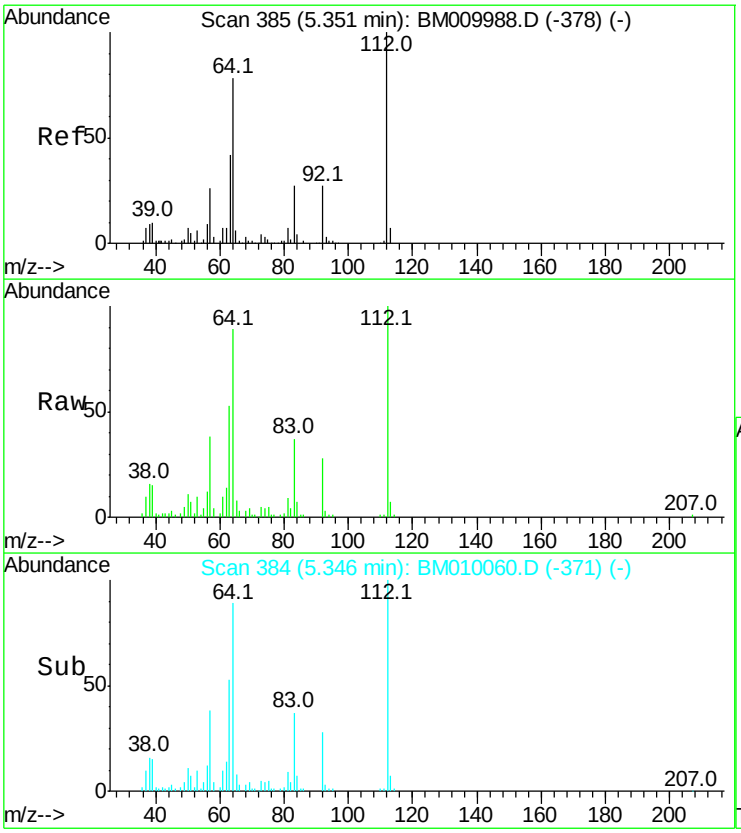
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.03 min
Lab File: BM010060.D
Acq: 16 May 2017 19:15

Instrument :
BNA_M
ClientSampleId :
WS-1

Tgt Ion:152 Resp: 35681

Ion	Ratio	Lower	Upper
152	100		
150	142.3	119.5	179.3
115	76.9	43.0	64.4#

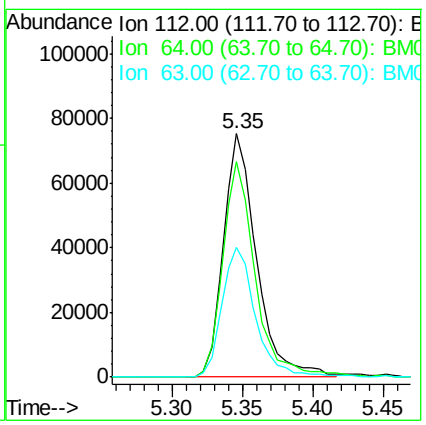


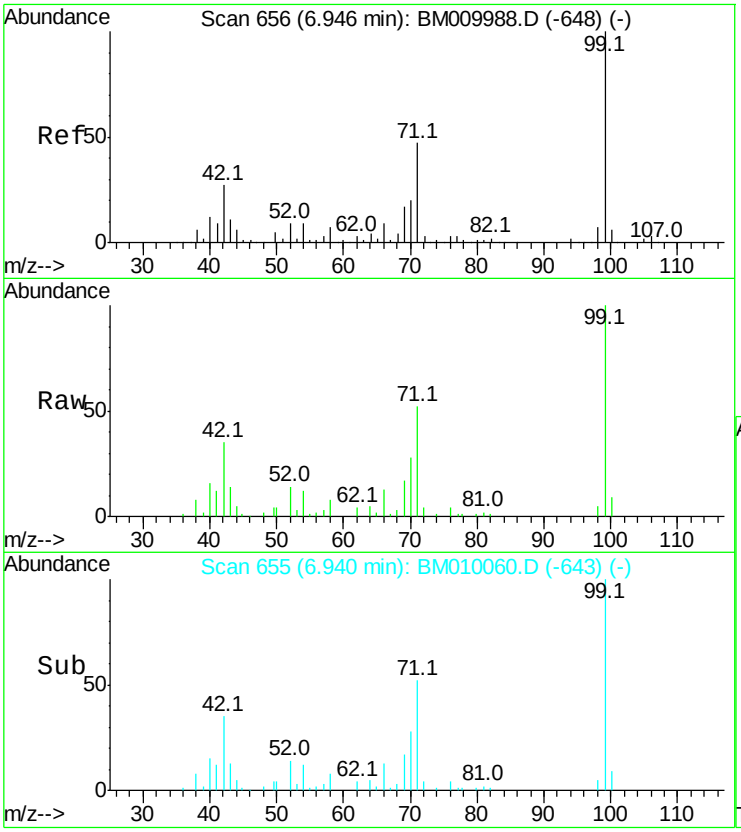


#5
2-Fluorophenol
Concen: 53.76 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.02 min
Lab File: BM010060.D
Acq: 16 May 2017 19:15

Tgt Ion:112 Resp: 122570

Ion	Ratio	Lower	Upper
112	100		
64	88.5	38.6	57.8#
63	53.0	19.3	28.9#



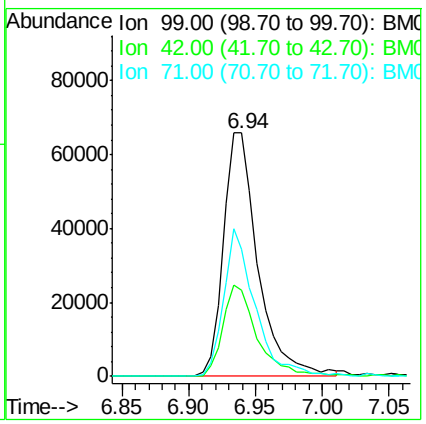


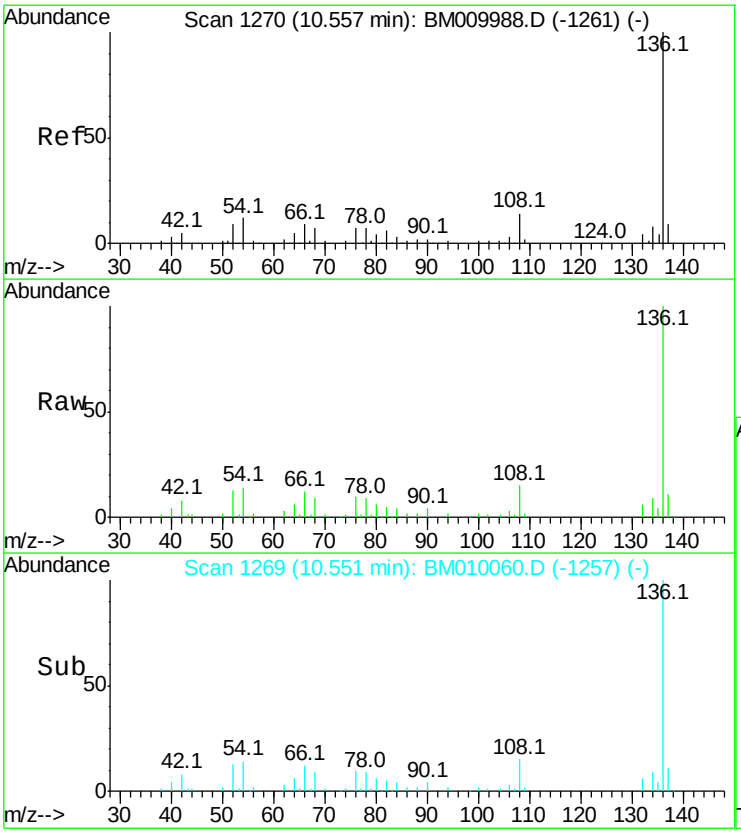
#7
Phenol-d6
Concen: 32.62 ng
RT: 6.94 min Scan# 655
Delta R.T. -0.03 min
Lab File: BM010060.D
Acq: 16 May 2017 19:15

Instrument :
BNA_M
ClientSampleId :
WS-1

Tgt Ion: 99 Resp: 119157

Ion	Ratio	Lower	Upper
99	100		
42	35.4	11.0	16.4#
71	52.4	23.4	35.2#

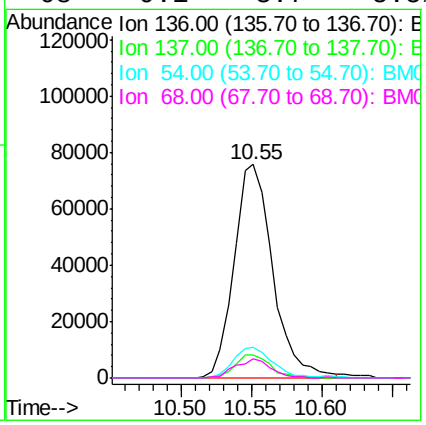


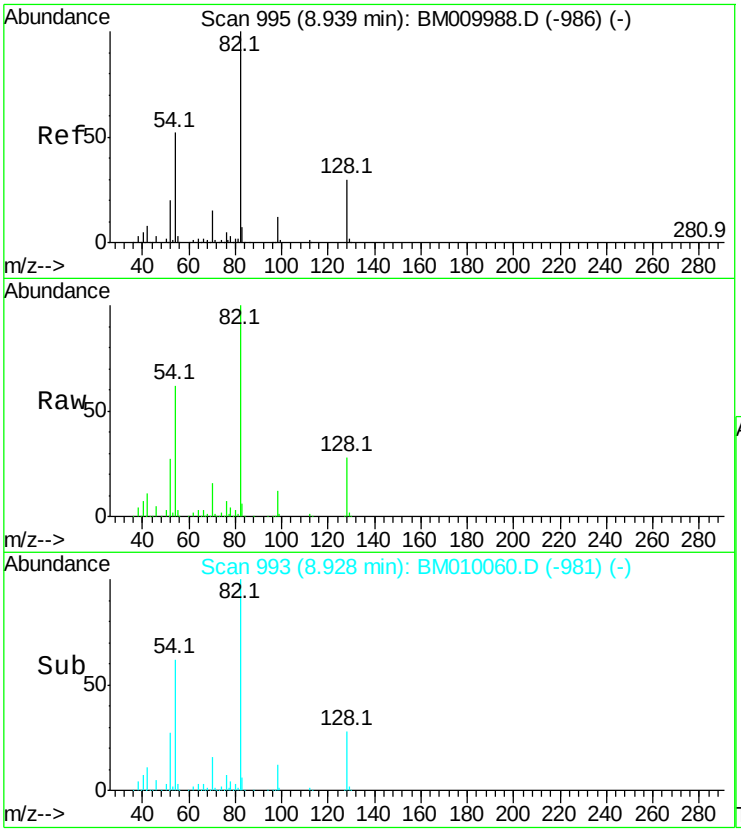


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.03 min
Lab File: BM010060.D
Acq: 16 May 2017 19:15

Tgt Ion:136 Resp: 144655

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	14.5	4.6	6.8#
68	9.1	3.7	5.5#



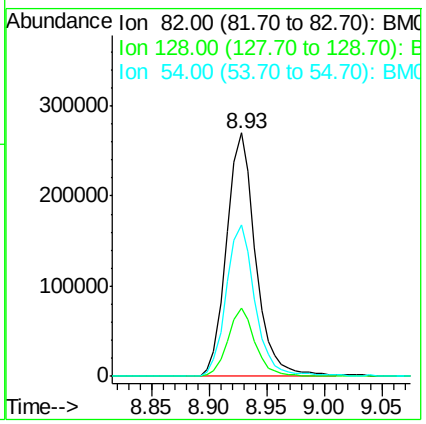


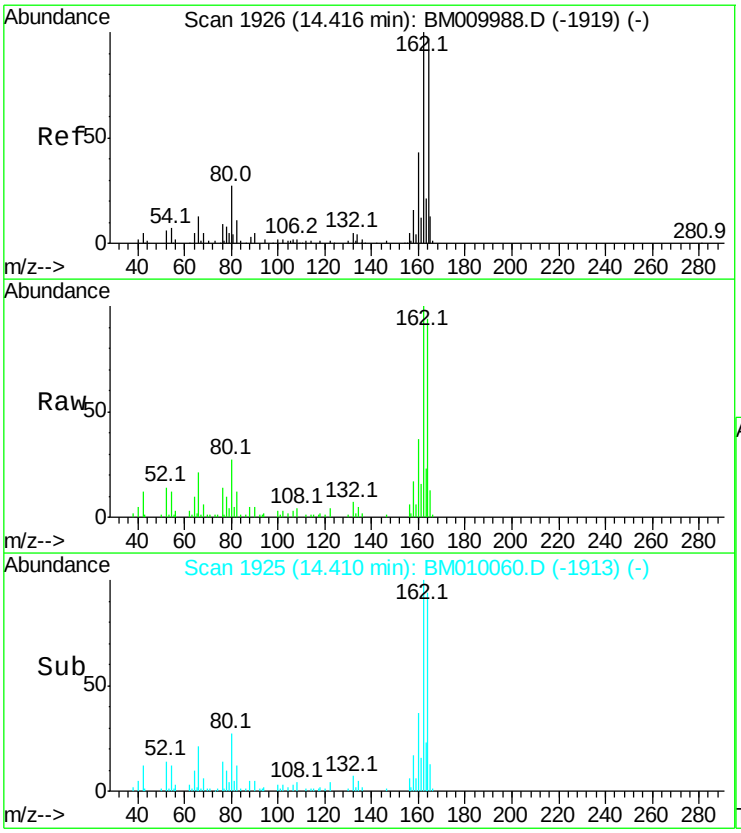
#23
Nitrobenzene-d5
Concen: 119.50 ng
RT: 8.93 min Scan# 993
Delta R.T. -0.03 min
Lab File: BM010060.D
Acq: 16 May 2017 19:15

Instrument :
BNA_M
ClientSampleId :
WS-1

Tgt Ion: 82 Resp: 473001

Ion	Ratio	Lower	Upper
82	100		
128	27.8	32.8	49.2#
54	62.0	40.6	60.8#

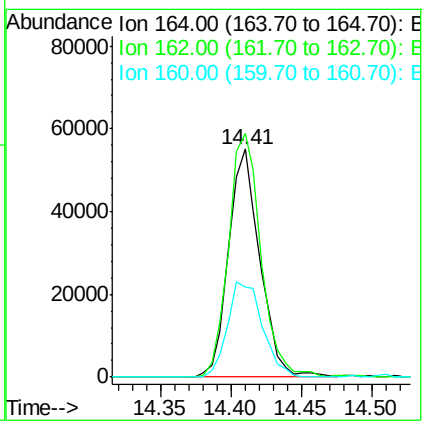


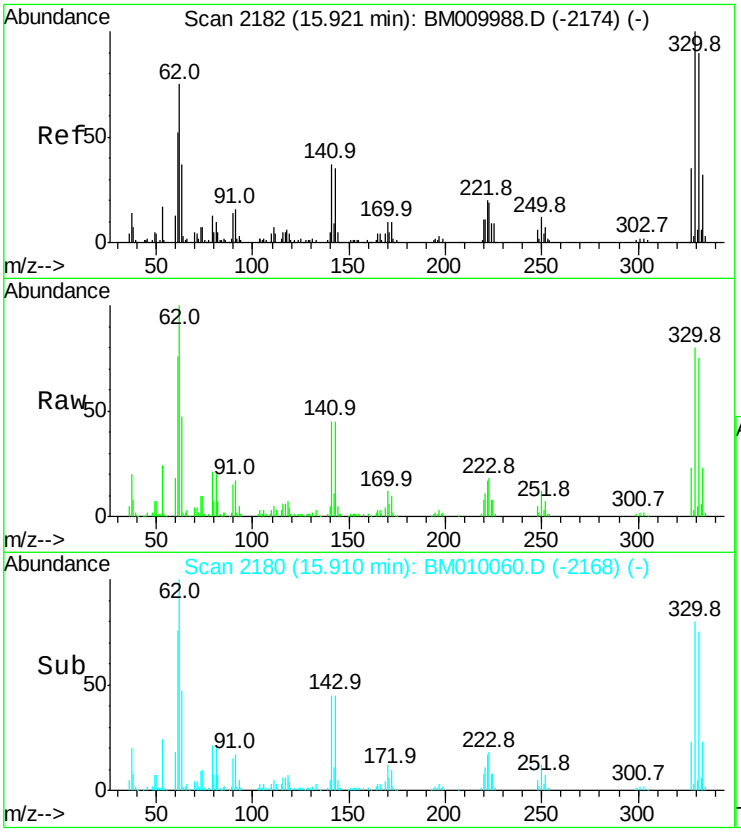


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.03 min
Lab File: BM010060.D
Acq: 16 May 2017 19:15

Tgt Ion:164 Resp: 85317

Ion	Ratio	Lower	Upper
164	100		
162	106.7	82.4	123.6
160	39.3	35.8	53.6



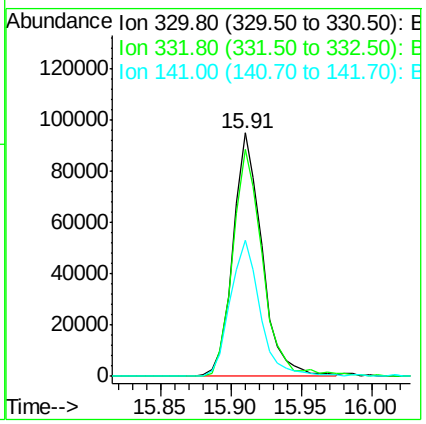


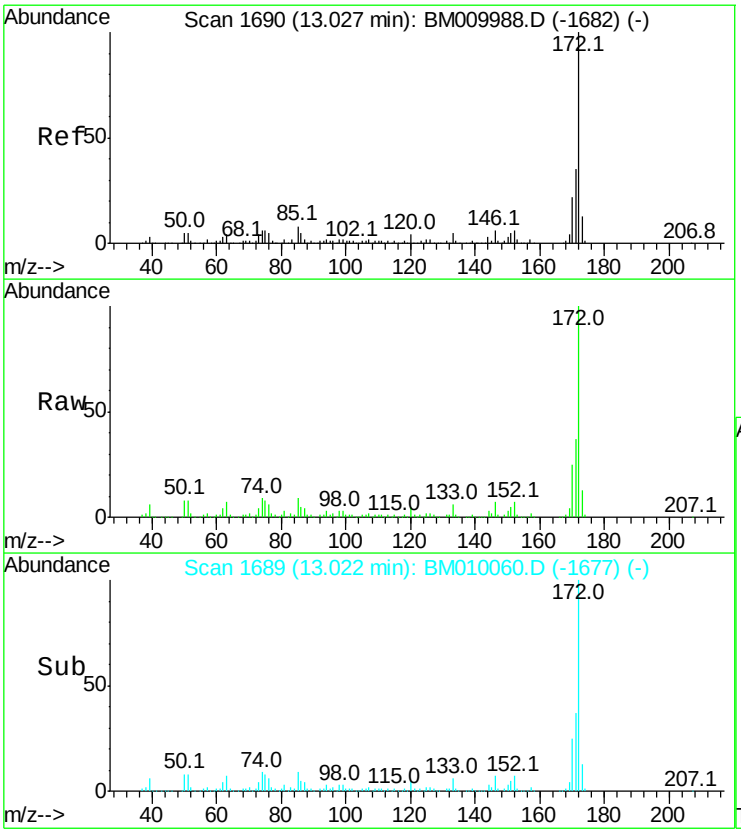
#41
2,4,6-Tribromophenol
Concen: 116.92 ng
RT: 15.91 min Scan# 2180
Delta R.T. -0.03 min
Lab File: BM010060.D
Acq: 16 May 2017 19:15

Instrument :
BNA_M
ClientSampleId :
WS-1

Tgt Ion:330 Resp: 136522

Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	57.3	0.0	0.0#

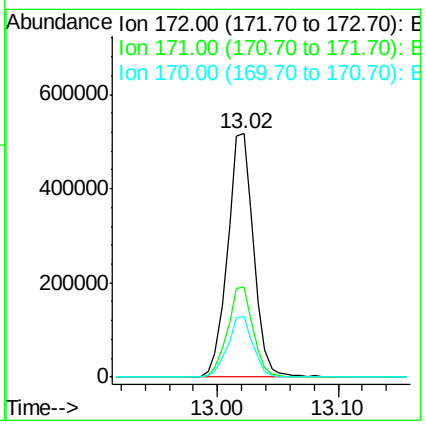


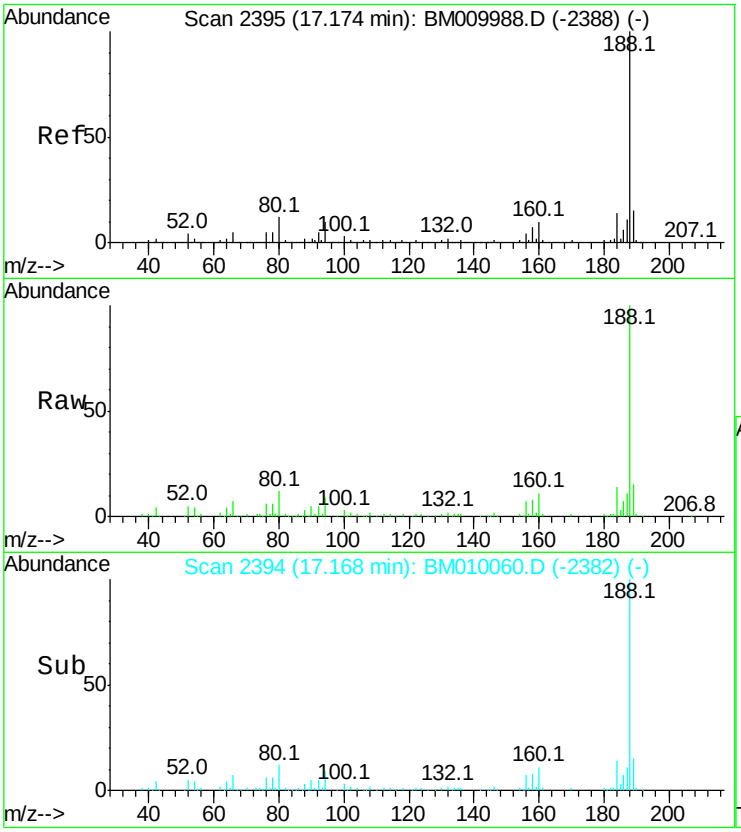


#44
2-Fluorobiphenyl
Concen: 121.22 ng
RT: 13.02 min Scan# 1689
Delta R.T. -0.03 min
Lab File: BM010060.D
Acq: 16 May 2017 19:15

Tgt Ion:172 Resp: 773356

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.5	42.7
170	25.1	18.8	28.2



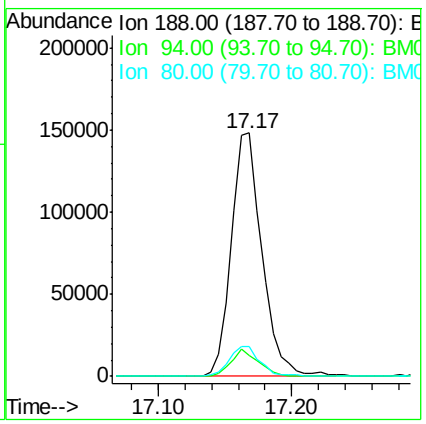


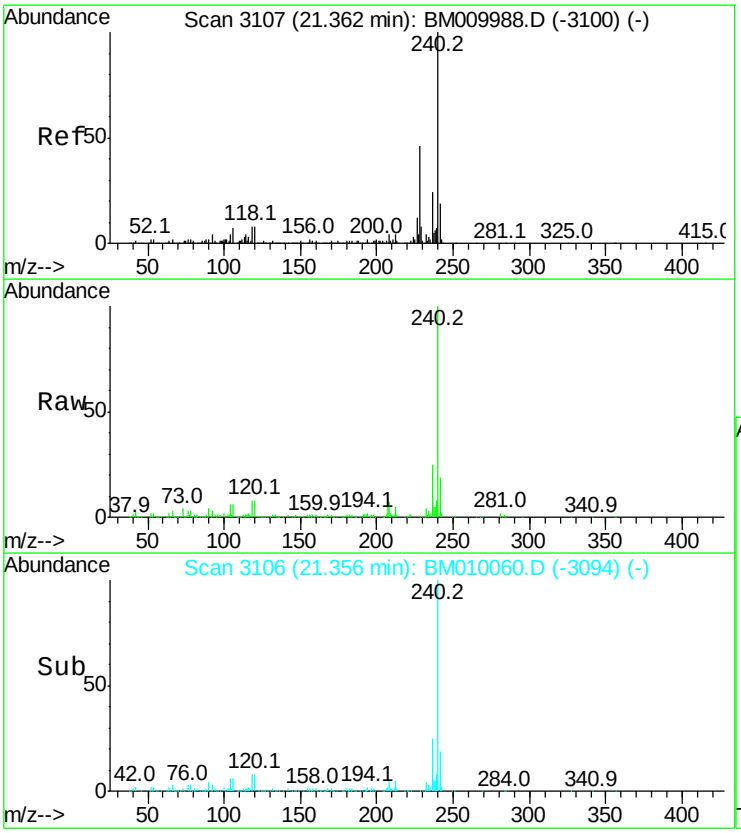
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.03 min
Lab File: BM010060.D
Acq: 16 May 2017 19:15

Instrument :
BNA_M
ClientSampleId :
WS-1

Tgt Ion:188 Resp: 237326

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.7	13.1#
80	12.2	9.3	13.9

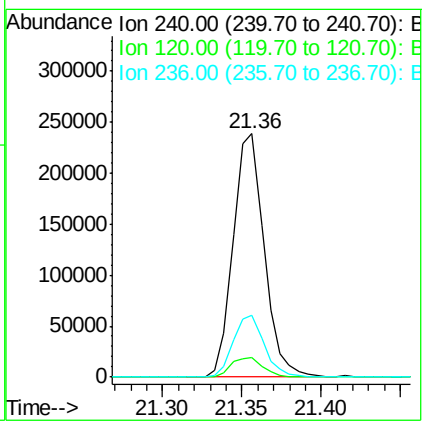


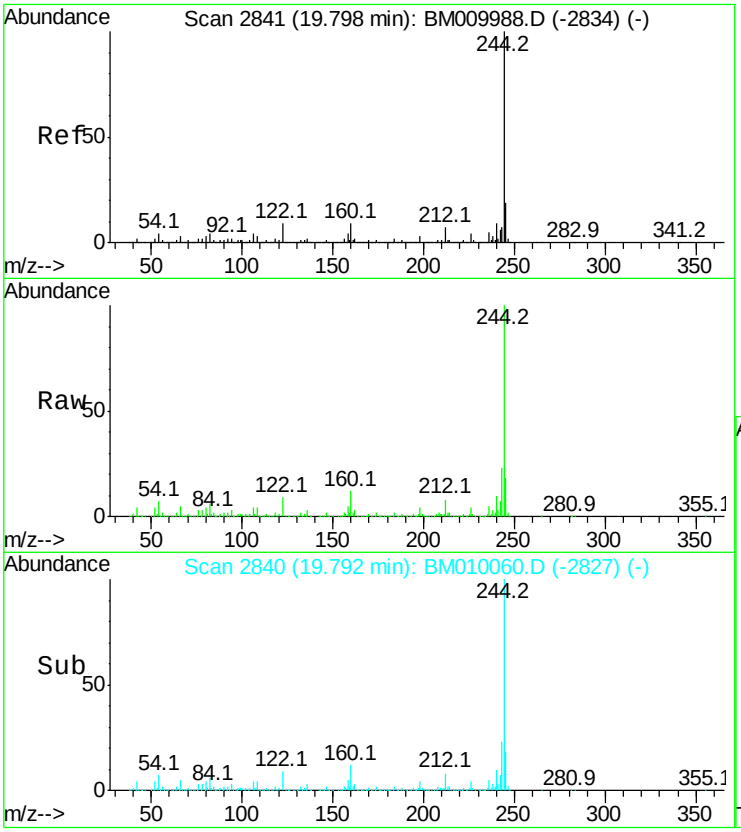


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.03 min
Lab File: BM010060.D
Acq: 16 May 2017 19:15

Tgt Ion:240 Resp: 323656

Ion	Ratio	Lower	Upper
240	100		
120	8.3	8.2	12.2
236	25.4	20.0	30.0



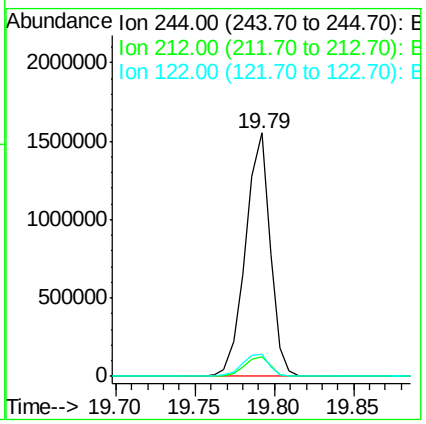


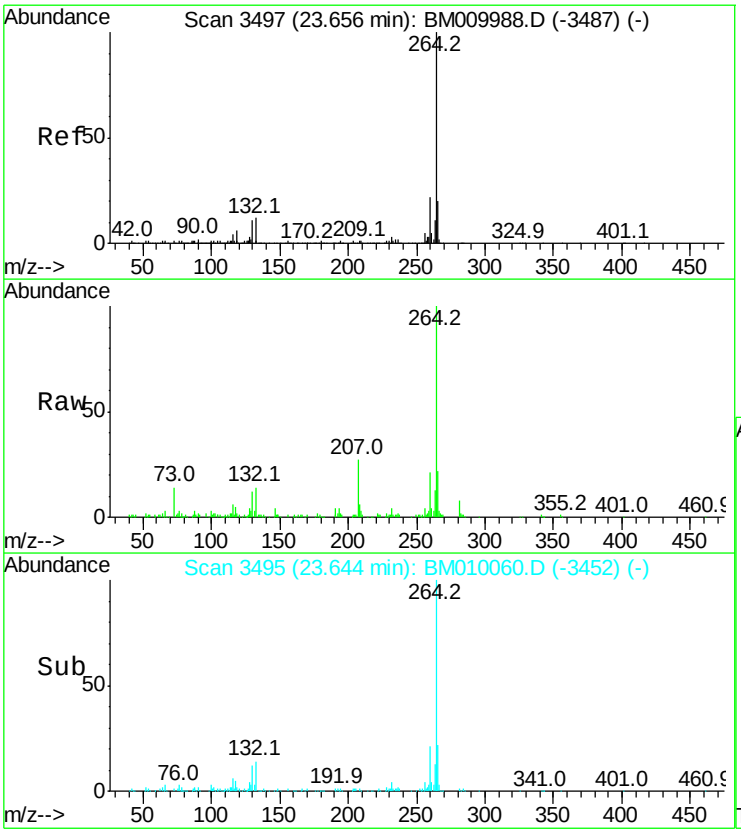
#78
Terphenyl-d14
Concen: 109.54 ng
RT: 19.79 min Scan# 2840
Delta R.T. -0.02 min
Lab File: BM010060.D
Acq: 16 May 2017 19:15

Instrument :
BNA_M
ClientSampleId :
WS-1

Tgt Ion:244 Resp: 1682269

Ion	Ratio	Lower	Upper
244	100		
212	8.3	4.9	7.3#
122	9.4	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.64 min Scan# 3495
Delta R.T. -0.05 min
Lab File: BM010060.D
Acq: 16 May 2017 19:15

Tgt Ion:264 Resp: 280162

Ion	Ratio	Lower	Upper
264	100		
260	21.3	18.6	27.8
265	22.5	17.3	25.9