Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081917\
Data File : BM011314.D
Acq On : 19 Aug 2017 12:37
Operator : SJ/JU
Sample : I4875-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-02-081717-A

Quant Time: Aug 21 01:59:49 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 02:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	143009	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	542462	20.00	ng	-0.02
38) Acenaphthene-d10	13.94	164	347124	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	898027	20.00	ng	-0.02
75) Chrysene-d12	20.93	240	1140316	20.00	ng	-0.02
86) Perylene-d12	23.00	264	1015913	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	947676	112.02	ng	-0.02
7) Phenol-d6	6.47	99	1256226	104.51	ng	-0.02
23) Nitrobenzene-d5	8.42	82	1302786	90.14	ng	-0.02
41) 2,4,6-Tribromophenol	15.44	330	632841	113.75	ng	-0.02
44) 2-Fluorobiphenyl	12.55	172	2135807	77.17	ng	-0.02
78) Terphenyl-d14	19.37	244	4074793	70.78	ng	-0.02
Target Compounds						Qvalue

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

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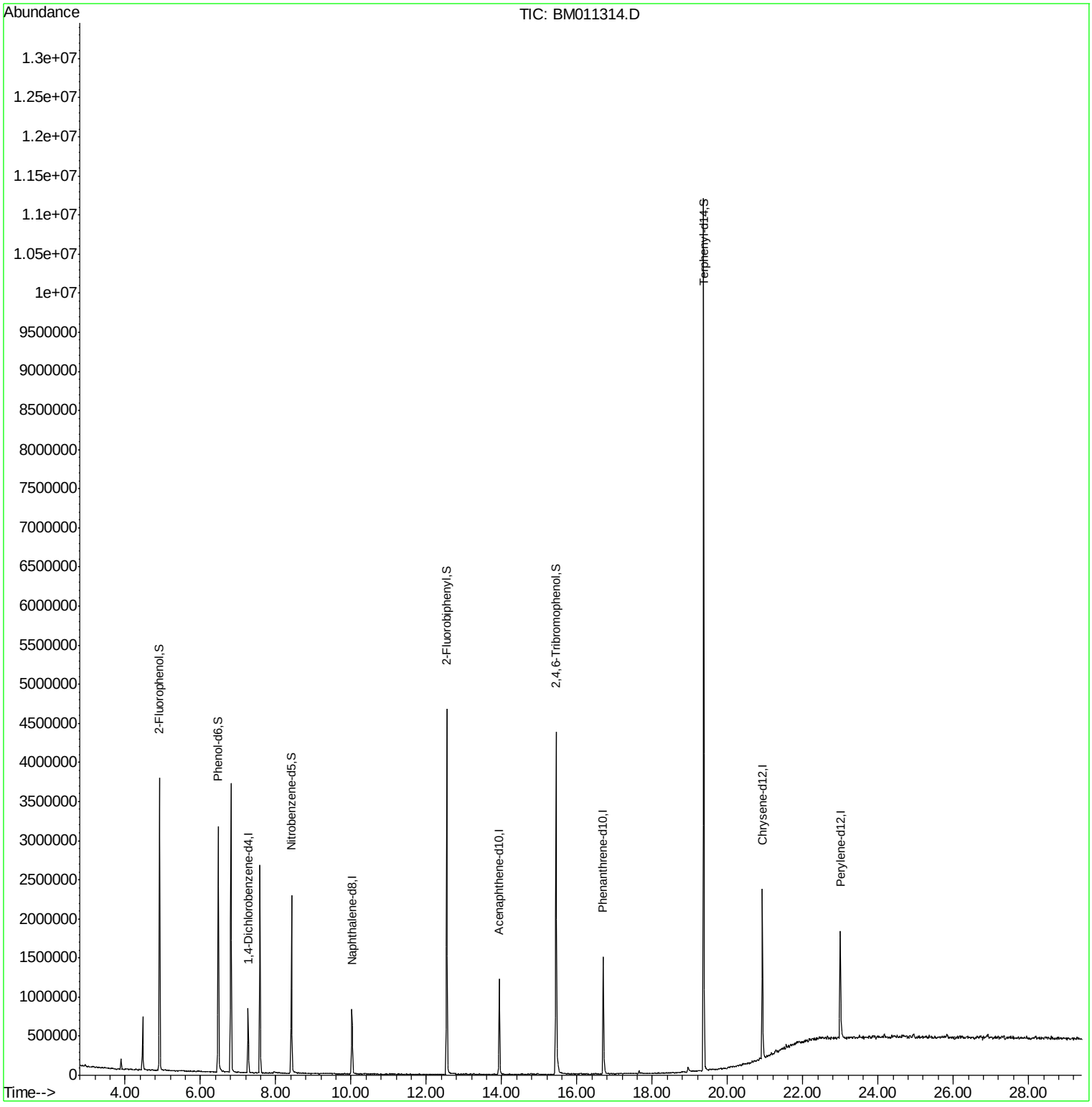
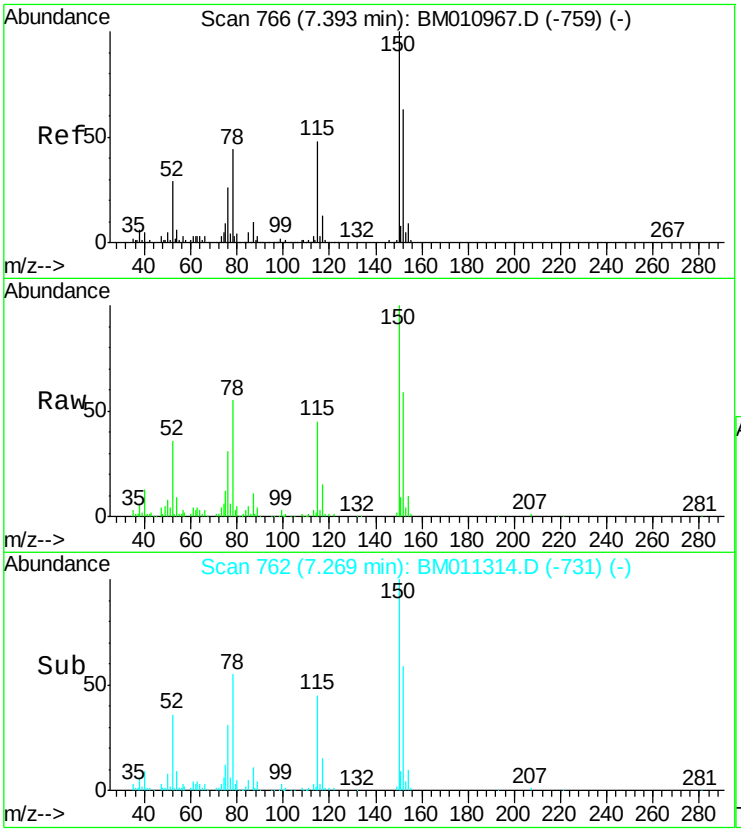


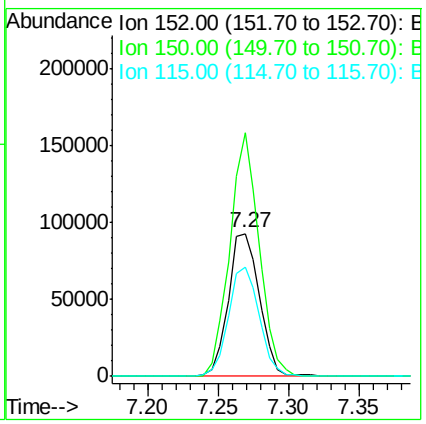


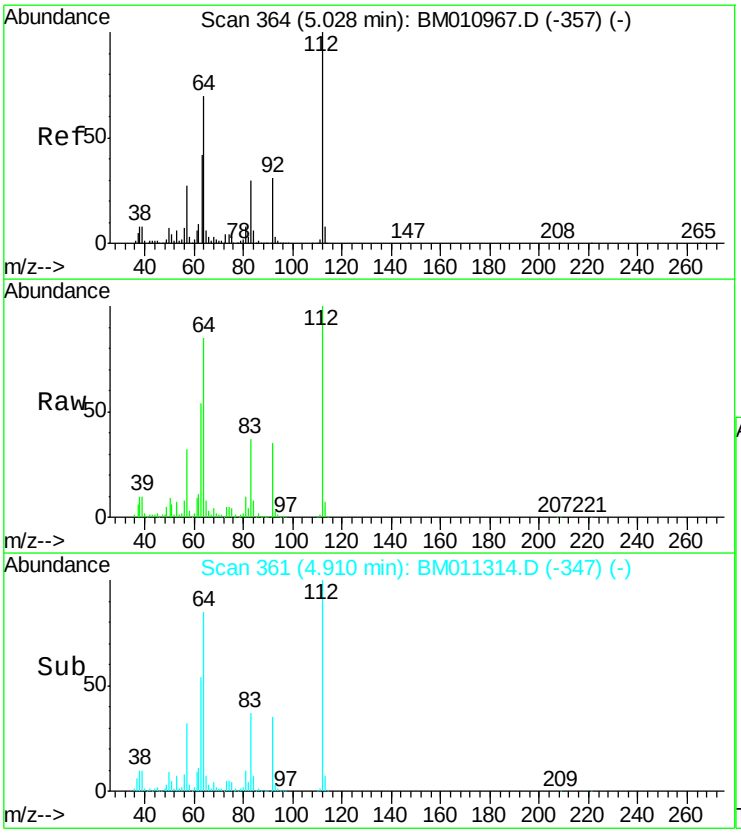
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM011314.D
Acq: 19 Aug 2017 12:37

Instrument :
BNA_M
ClientSampleId :
CL-02-081717-A

Tgt Ion:152 Resp: 143009

Ion	Ratio	Lower	Upper
152	100		
150	170.4	119.5	179.3
115	76.8	43.0	64.4#

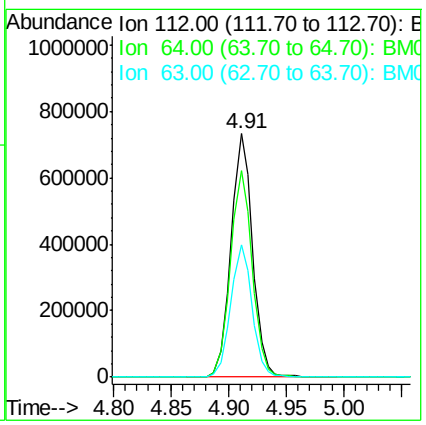


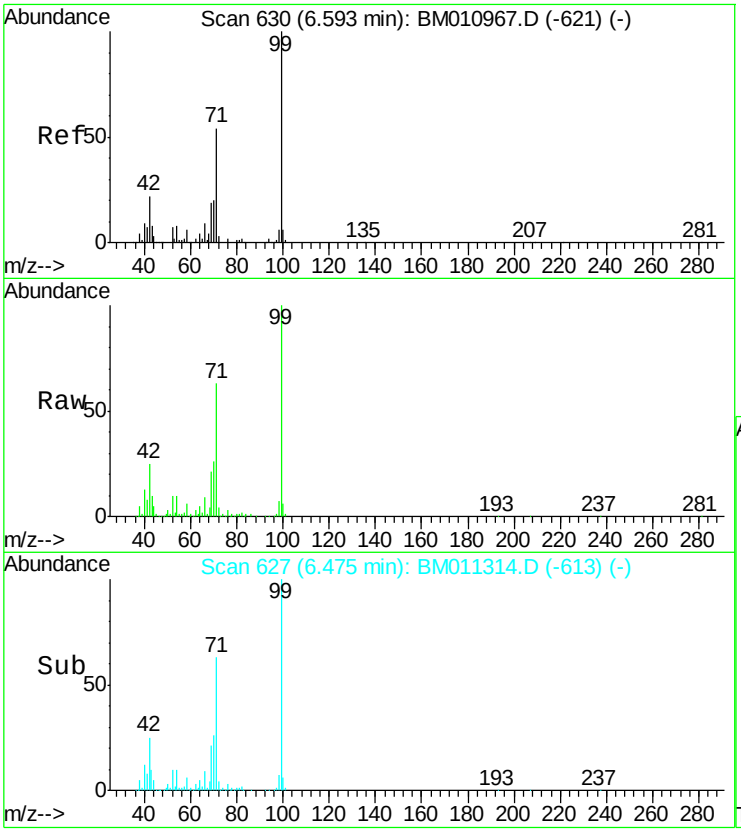


#5
2-Fluorophenol
Concen: 112.020 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011314.D
Acq: 19 Aug 2017 12:37

Tgt Ion:112 Resp: 947676

Ion	Ratio	Lower	Upper
112	100		
64	84.6	38.6	57.8#
63	54.2	19.3	28.9#



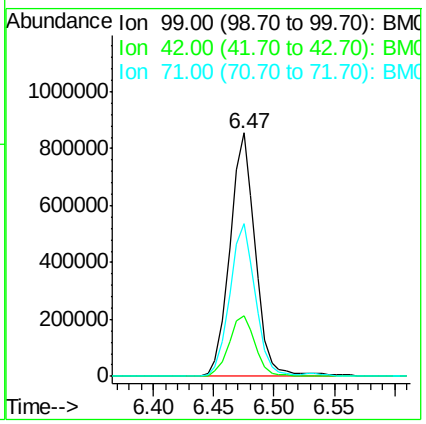


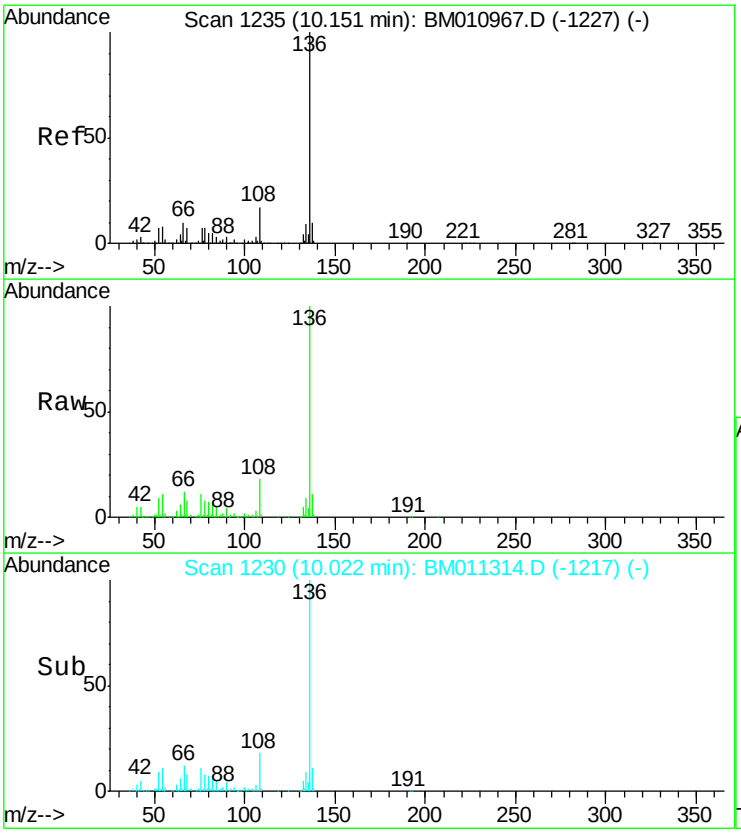
#7
Phenol-d6
Concen: 104.512 ng
RT: 6.47 min Scan# 627
Delta R.T. -0.02 min
Lab File: BM011314.D
Acq: 19 Aug 2017 12:37

Instrument :
BNA_M
ClientSampleId :
CL-02-081717-A

Tgt Ion: 99 Resp: 1256226

Ion	Ratio	Lower	Upper
99	100		
42	25.1	11.0	16.4#
71	62.9	23.4	35.2#

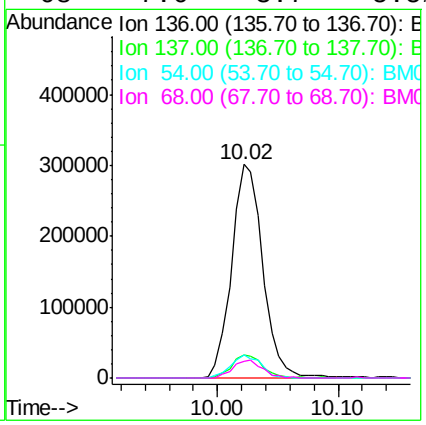


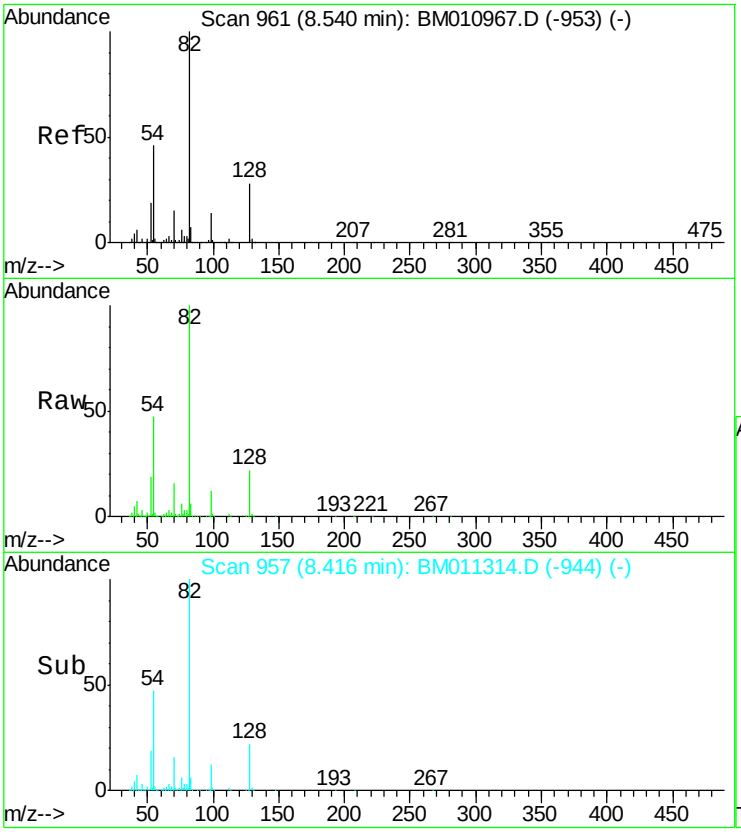


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.02 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BM011314.D
Acq: 19 Aug 2017 12:37

Tgt Ion:136 Resp: 542462

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	10.7	4.6	6.8#
68	7.6	3.7	5.5#



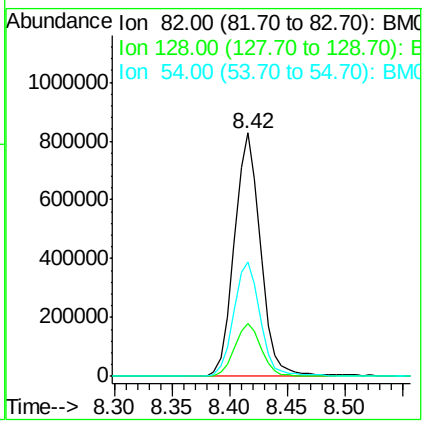


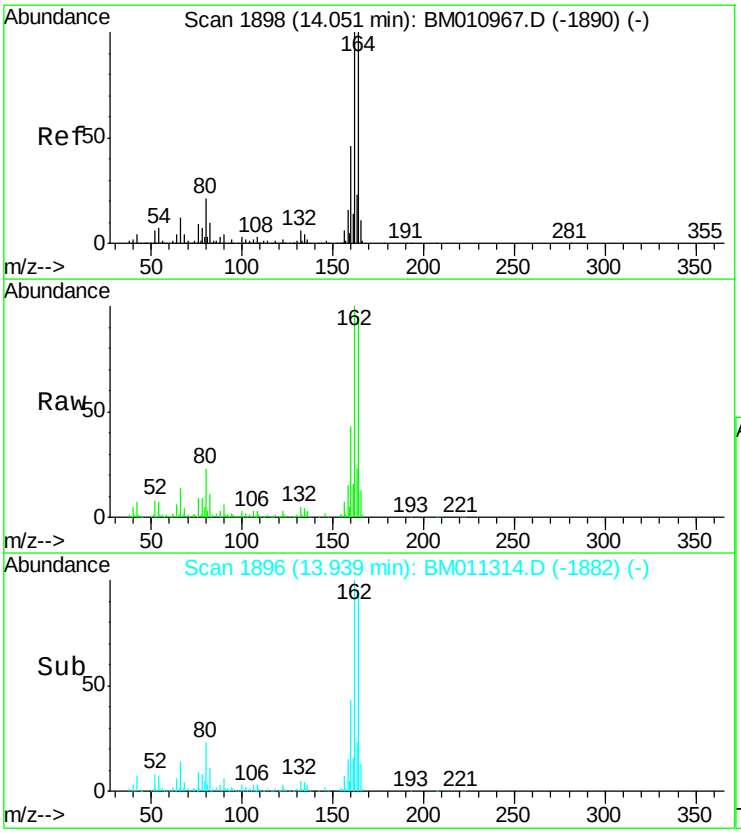
#23
Nitrobenzene-d5
Concen: 90.137 ng
RT: 8.42 min Scan# 957
Delta R.T. -0.02 min
Lab File: BM011314.D
Acq: 19 Aug 2017 12:37

Instrument :
BNA_M
ClientSampleId :
CL-02-081717-A

Tgt Ion: 82 Resp: 1302786

Ion	Ratio	Lower	Upper
82	100		
128	21.8	32.8	49.2#
54	47.0	40.6	60.8

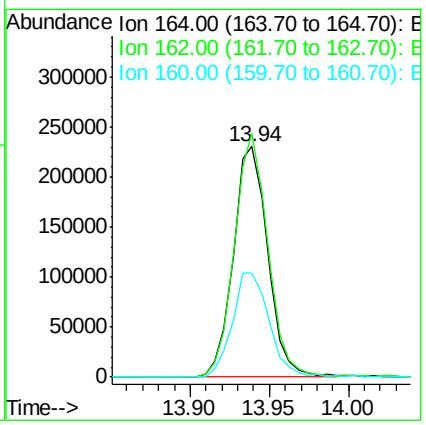


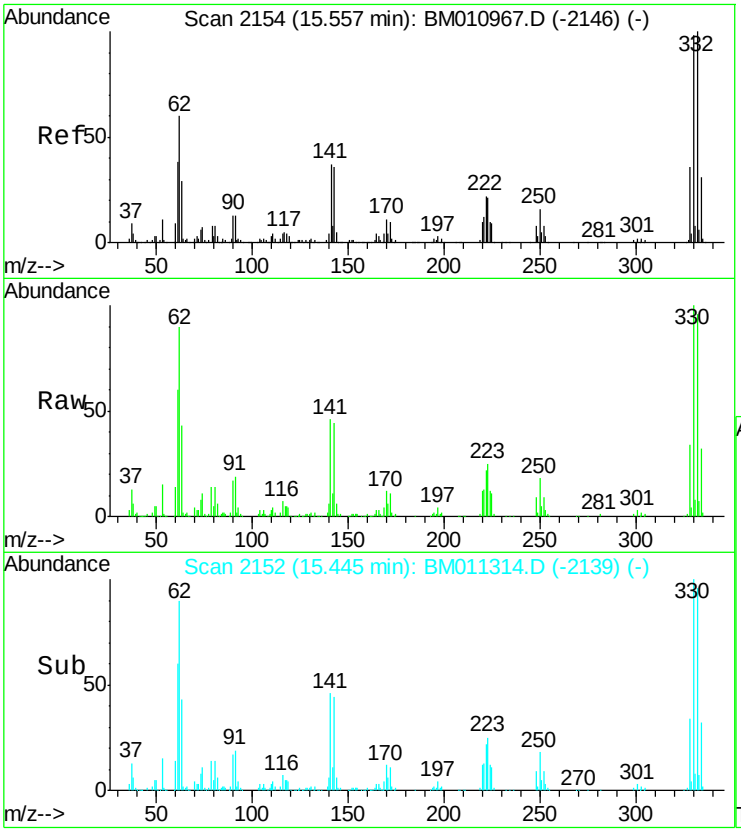


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.94 min Scan# 1896
Delta R.T. -0.02 min
Lab File: BM011314.D
Acq: 19 Aug 2017 12:37

Tgt Ion:164 Resp: 347124

Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.4	123.6
160	45.2	35.8	53.6



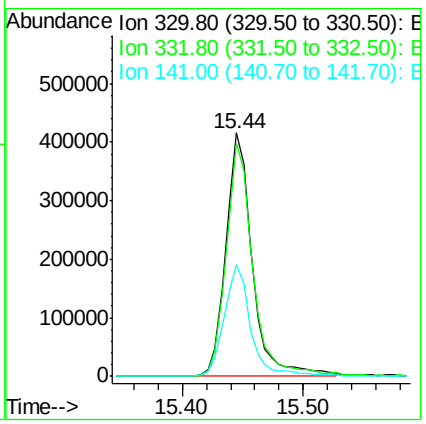


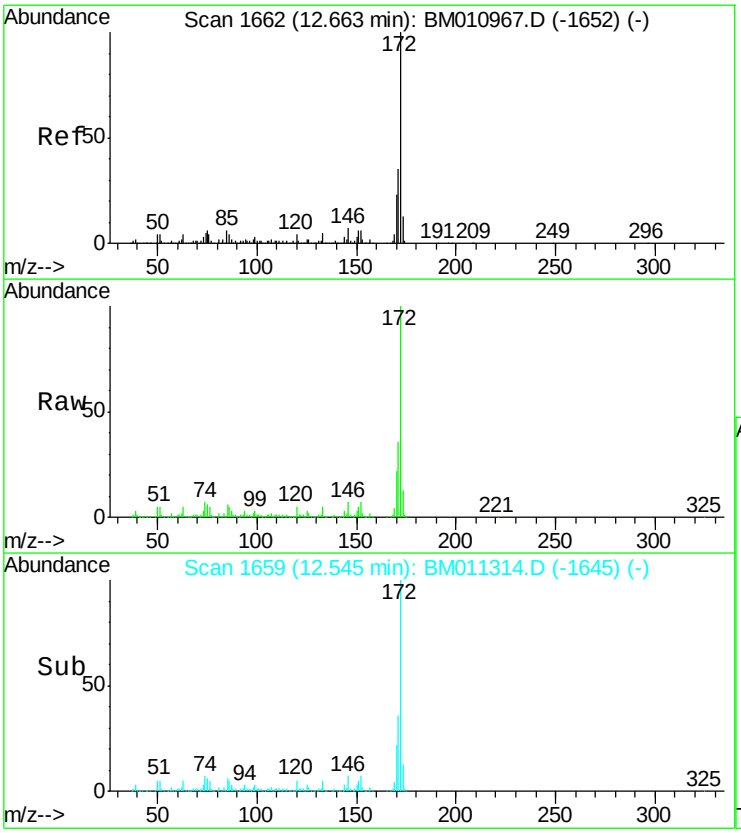
#41
2,4,6-Tribromophenol
Concen: 113.745 ng
RT: 15.44 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BM011314.D
Acq: 19 Aug 2017 12:37

Instrument :
BNA_M
ClientSampleId :
CL-02-081717-A

Tgt Ion:330 Resp: 632841

Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	45.3	0.0	0.0#

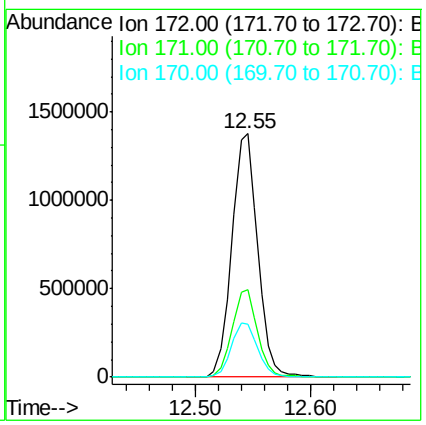


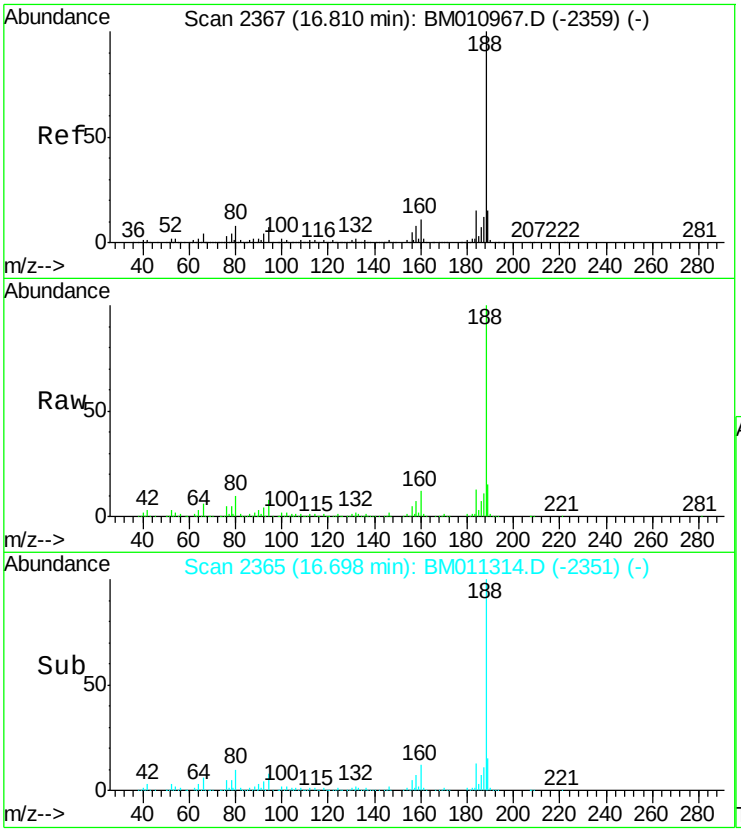


#44
2-Fluorobiphenyl
Concen: 77.165 ng
RT: 12.55 min Scan# 1659
Delta R.T. -0.02 min
Lab File: BM011314.D
Acq: 19 Aug 2017 12:37

Tgt Ion:172 Resp: 2135807

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	21.8	18.8	28.2



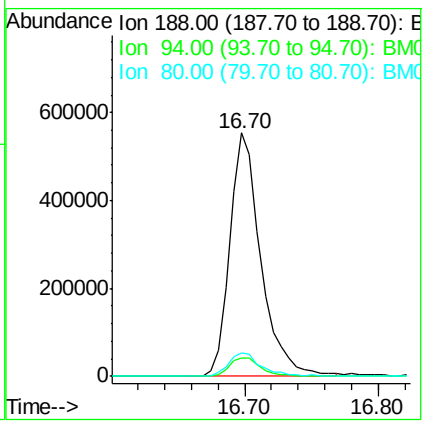


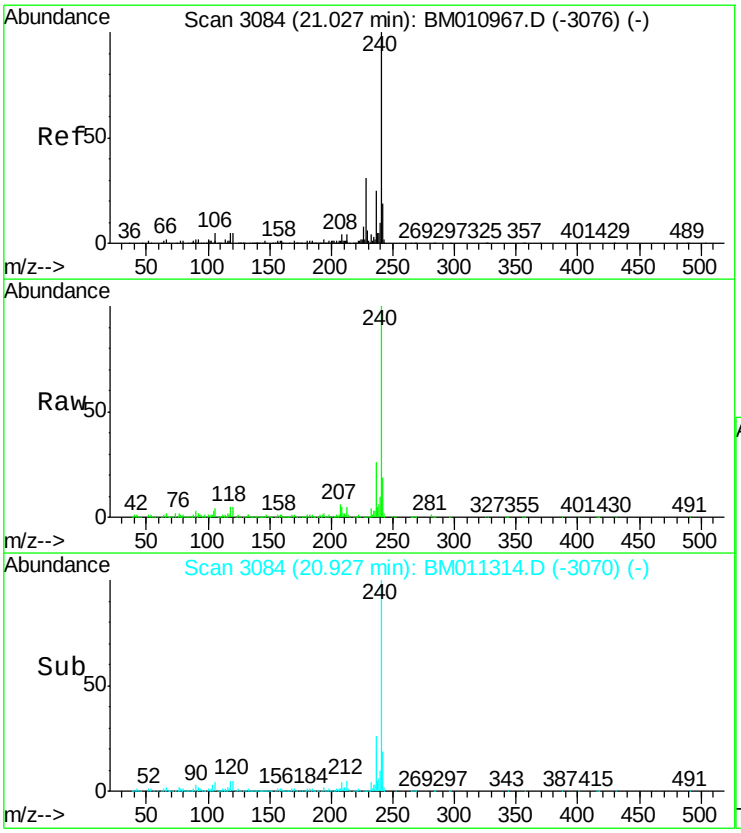
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2365
Delta R.T. -0.02 min
Lab File: BM011314.D
Acq: 19 Aug 2017 12:37

Instrument :
BNA_M
ClientSampleId :
CL-02-081717-A

Tgt Ion:188 Resp: 898027

Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.7	13.1#
80	9.7	9.3	13.9

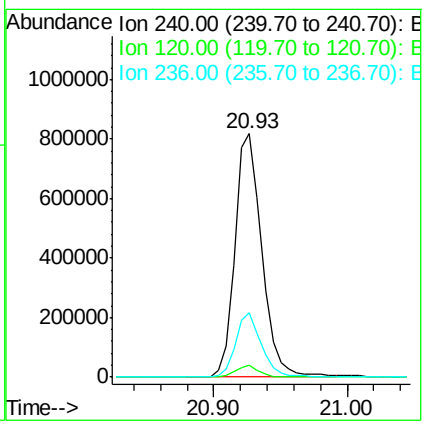


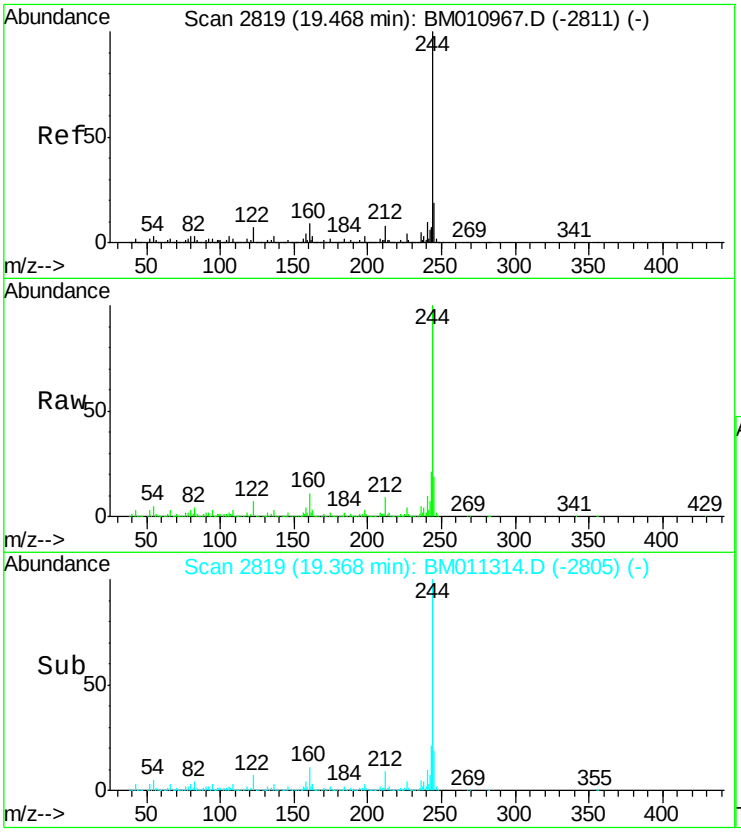


#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.93 min Scan# 3084
Delta R.T. -0.02 min
Lab File: BM011314.D
Acq: 19 Aug 2017 12:37

Tgt Ion:240 Resp: 1140316

Ion	Ratio	Lower	Upper
240	100		
120	4.7	8.2	12.2#
236	26.4	20.0	30.0



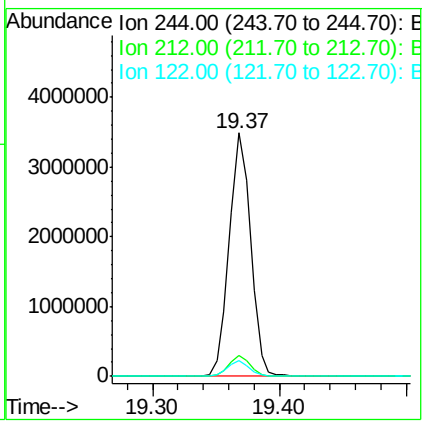


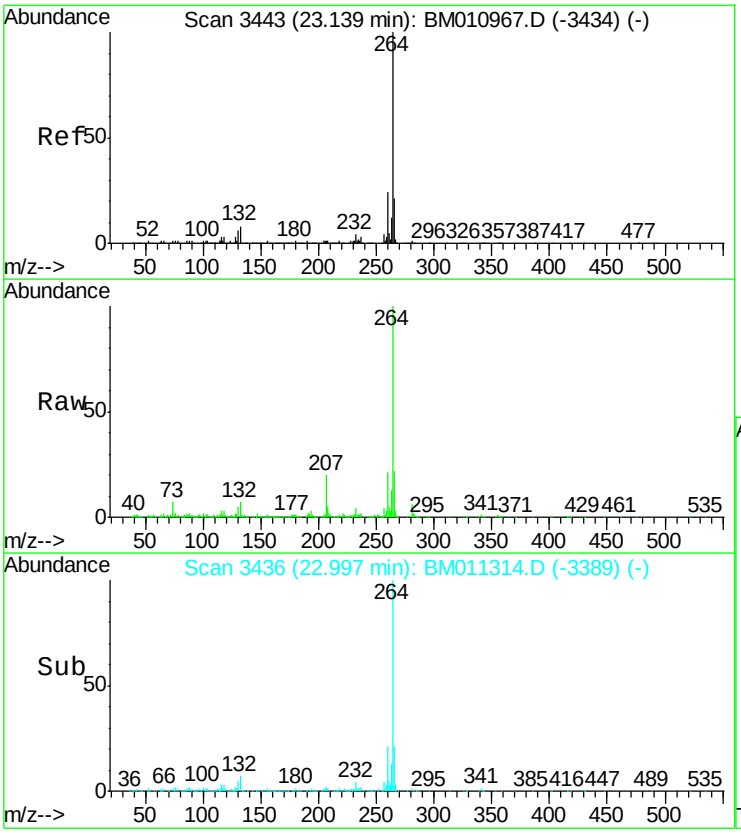
#78
Terphenyl-d14
Concen: 70.784 ng
RT: 19.37 min Scan# 2819
Delta R.T. -0.02 min
Lab File: BM011314.D
Acq: 19 Aug 2017 12:37

Instrument :
BNA_M
ClientSampleId :
CL-02-081717-A

Tgt Ion:244 Resp: 4074793

Ion	Ratio	Lower	Upper
244	100		
212	8.6	4.9	7.3#
122	6.5	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.00 min Scan# 3436
Delta R.T. -0.02 min
Lab File: BM011314.D
Acq: 19 Aug 2017 12:37

Tgt Ion:264 Resp: 1015913

Ion	Ratio	Lower	Upper
264	100		
260	21.2	18.6	27.8
265	21.7	17.3	25.9