Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030718\
Data File : BM014511.D
Acq On : 06 Mar 2018 23:00
Operator : SJ/JU
Sample : J1699-65
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B19

Quant Time: Mar 07 04:00:05 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 17:16:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	100794	20.00	ng	-0.04
21) Naphthalene-d8	10.27	136	341351	20.00	ng	-0.04
38) Acenaphthene-d10	14.17	164	178516	20.00	ng	-0.03
63) Phenanthrene-d10	16.93	188	342587	20.00	ng	-0.02
75) Chrysene-d12	21.16	240	351071	20.00	ng	-0.01
86) Perylene-d12	23.33	264	342960	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	625253	108.12	ng	-0.03
7) Phenol-d6	6.71	99	740157	90.37	ng	-0.03
23) Nitrobenzene-d5	8.67	82	557990	73.02	ng	-0.04
41) 2,4,6-Tribromophenol	15.69	330	187496	74.02	ng	-0.02
44) 2-Fluorobiphenyl	12.77	172	1044622	73.05	ng	-0.04
78) Terphenyl-d14	19.58	244	1165667	64.88	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	13.65	163	37039	2.318	ng	96

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

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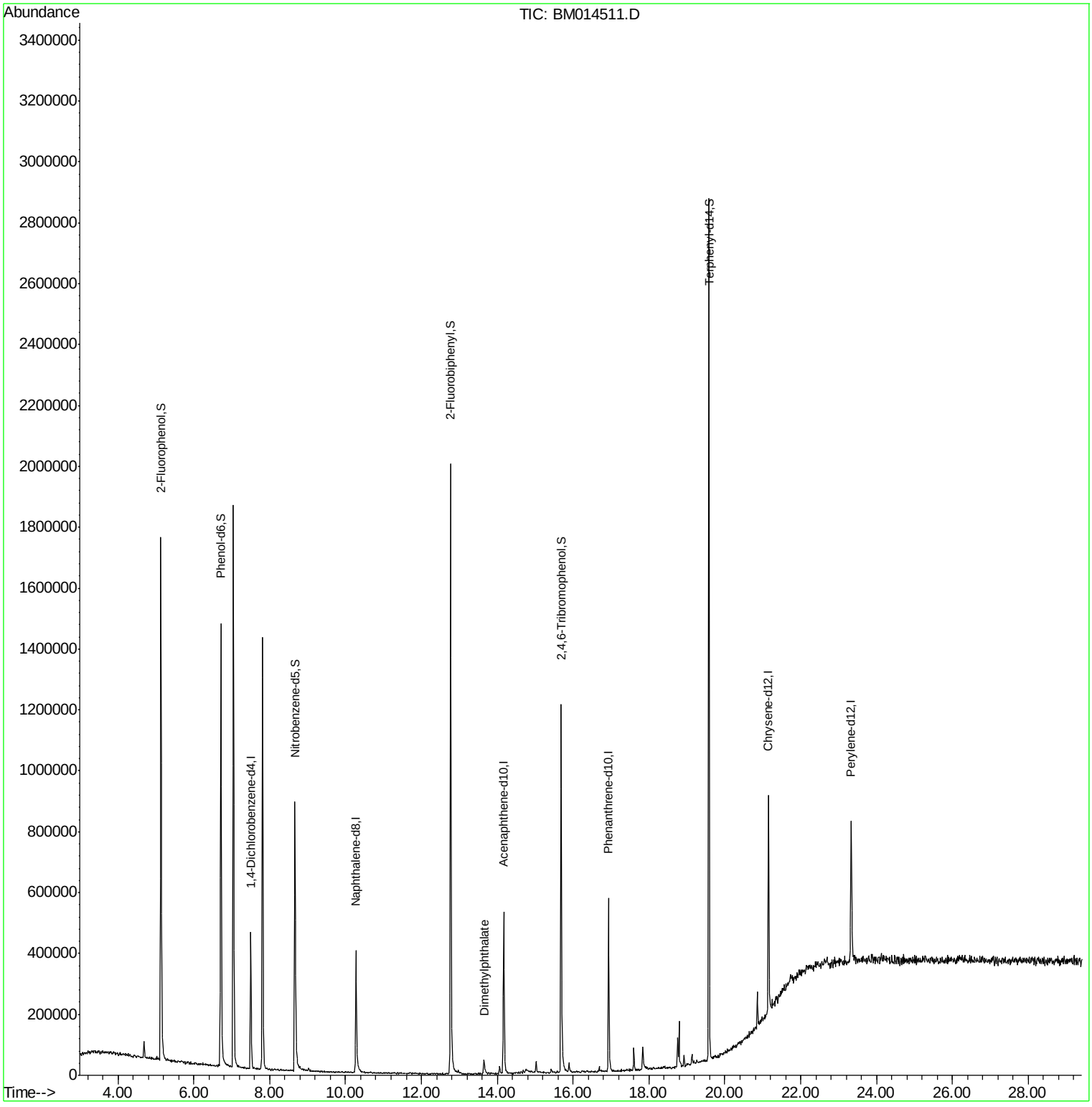
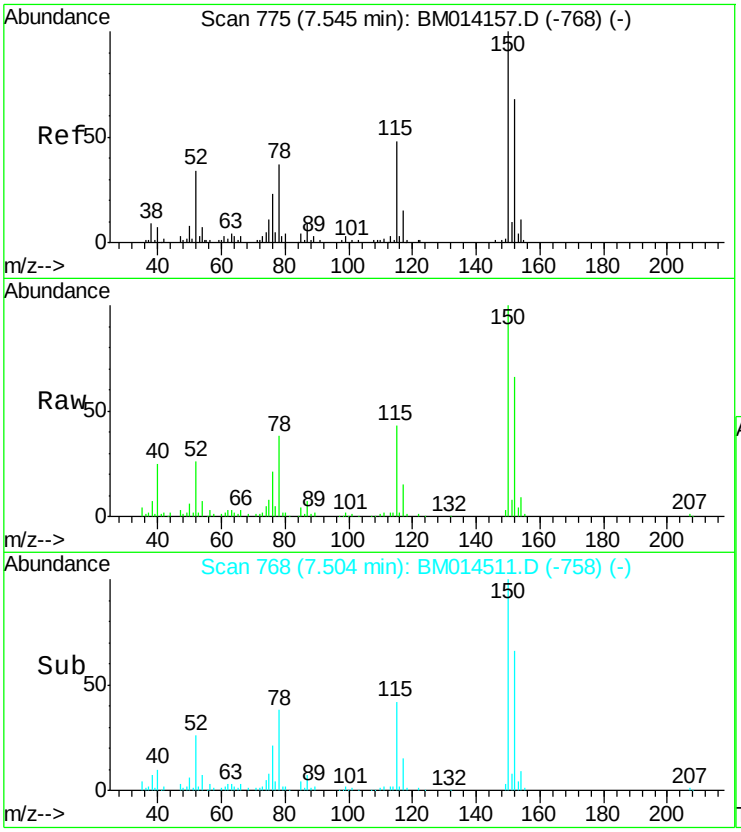


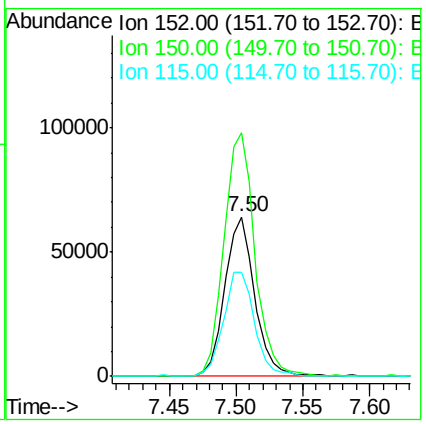


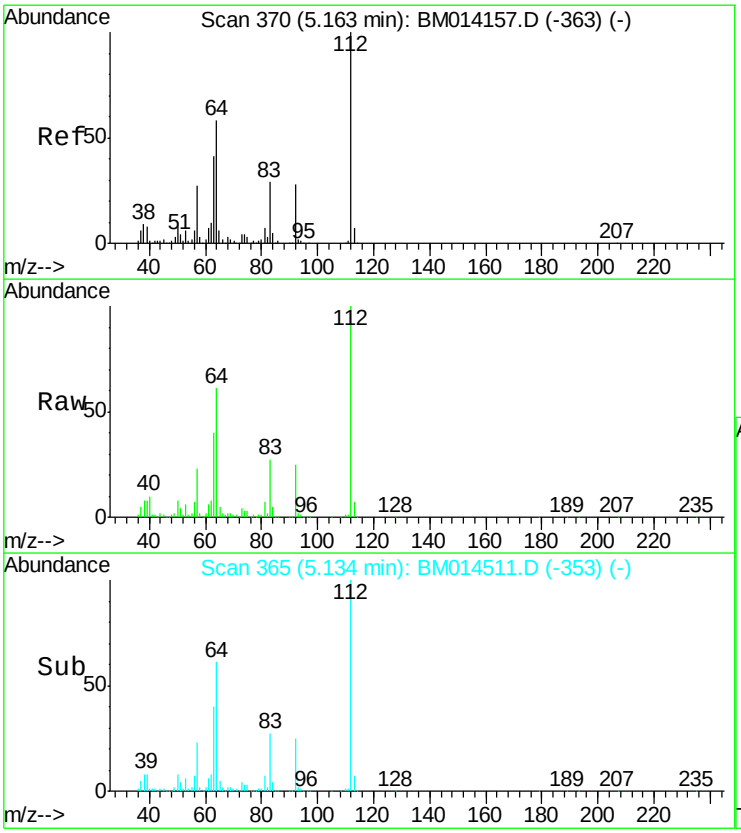
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.04 min
Lab File: BM014511.D
Acq: 06 Mar 2018 23:00

Instrument :
BNA_M
ClientSampleId :
B19

Tgt Ion:152 Resp: 100794

Ion	Ratio	Lower	Upper
152	100		
150	152.6	119.5	179.3
115	65.1	43.0	64.4#

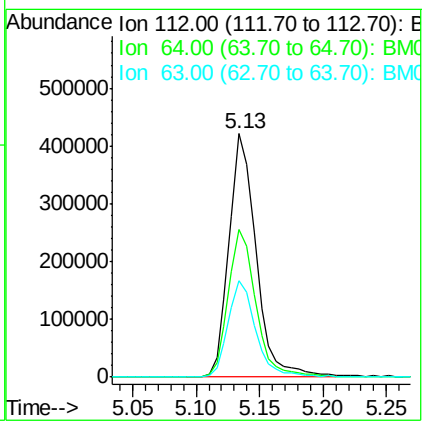


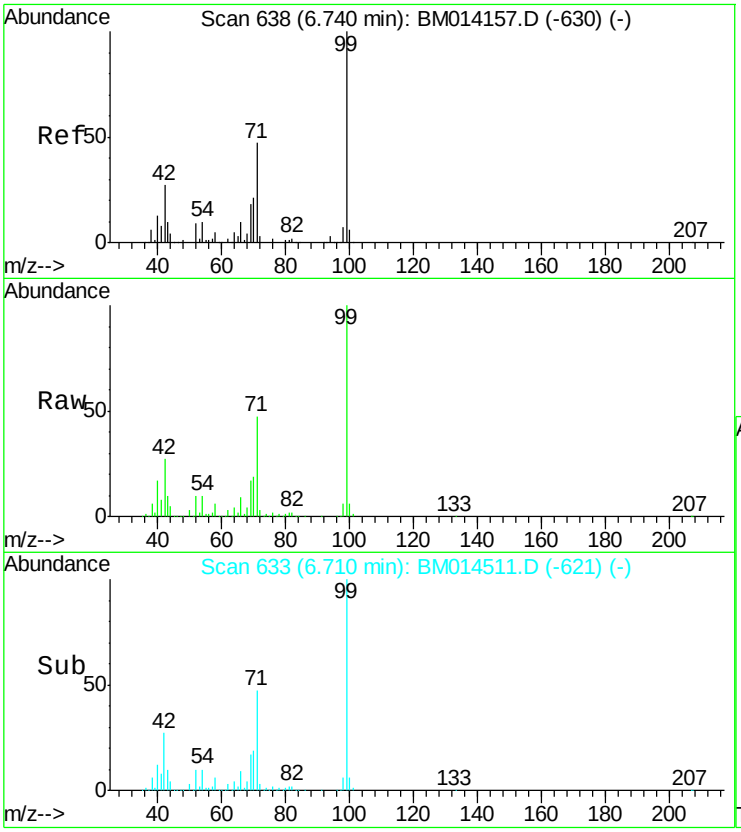


#5
2-Fluorophenol
Concen: 108.122 ng
RT: 5.13 min Scan# 365
Delta R.T. -0.03 min
Lab File: BM014511.D
Acq: 06 Mar 2018 23:00

Tgt Ion:112 Resp: 625253

Ion	Ratio	Lower	Upper
112	100		
64	60.8	38.6	57.8#
63	39.8	19.3	28.9#



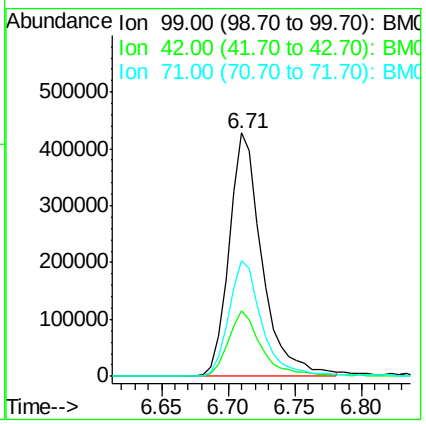


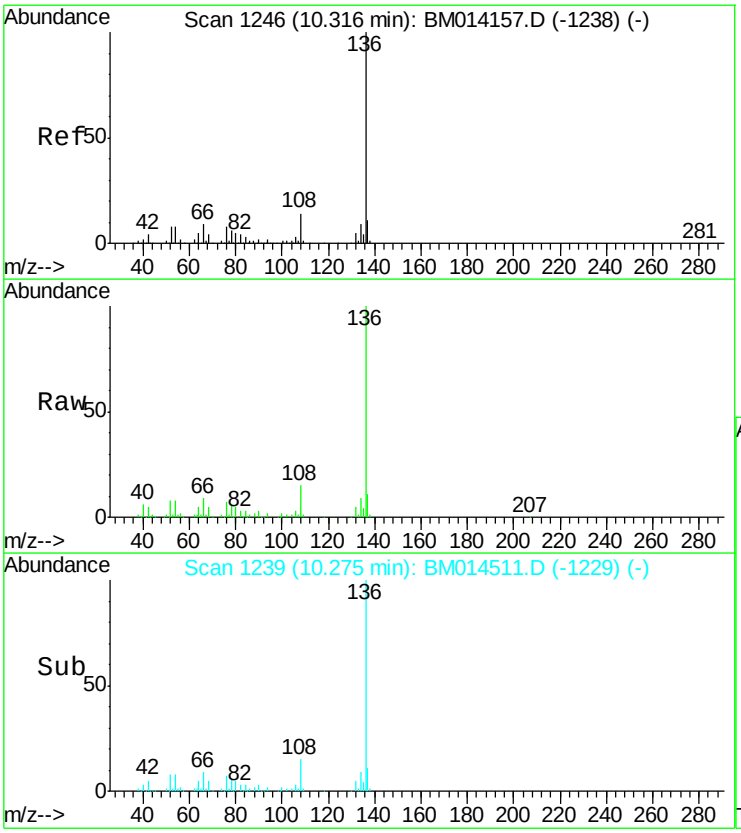
#7
Phenol-d6
Concen: 90.372 ng
RT: 6.71 min Scan# 633
Delta R.T. -0.03 min
Lab File: BM014511.D
Acq: 06 Mar 2018 23:00

Instrument :
BNA_M
ClientSampleId :
B19

Tgt Ion: 99 Resp: 740157

Ion	Ratio	Lower	Upper
99	100		
42	26.9	11.0	16.4#
71	47.5	23.4	35.2#

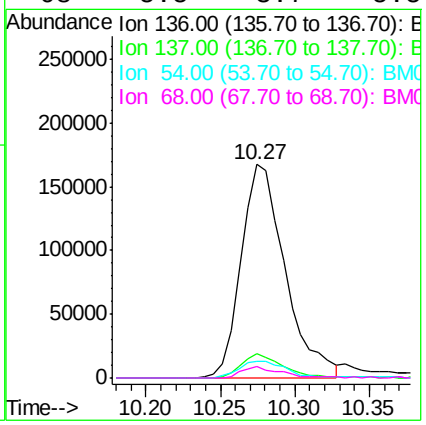


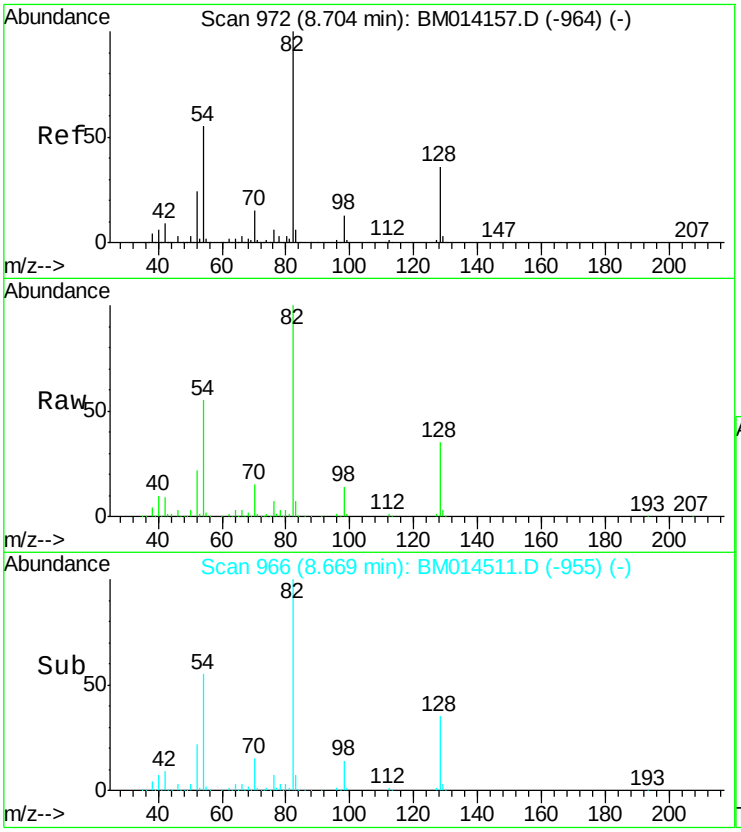


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.27 min Scan# 1239
Delta R.T. -0.04 min
Lab File: BM014511.D
Acq: 06 Mar 2018 23:00

Tgt Ion:136 Resp: 341351

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	7.6	4.6	6.8#
68	5.5	3.7	5.5



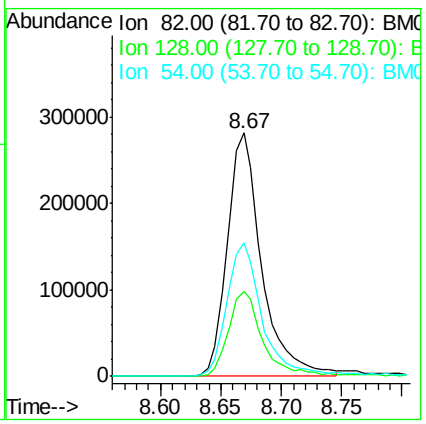


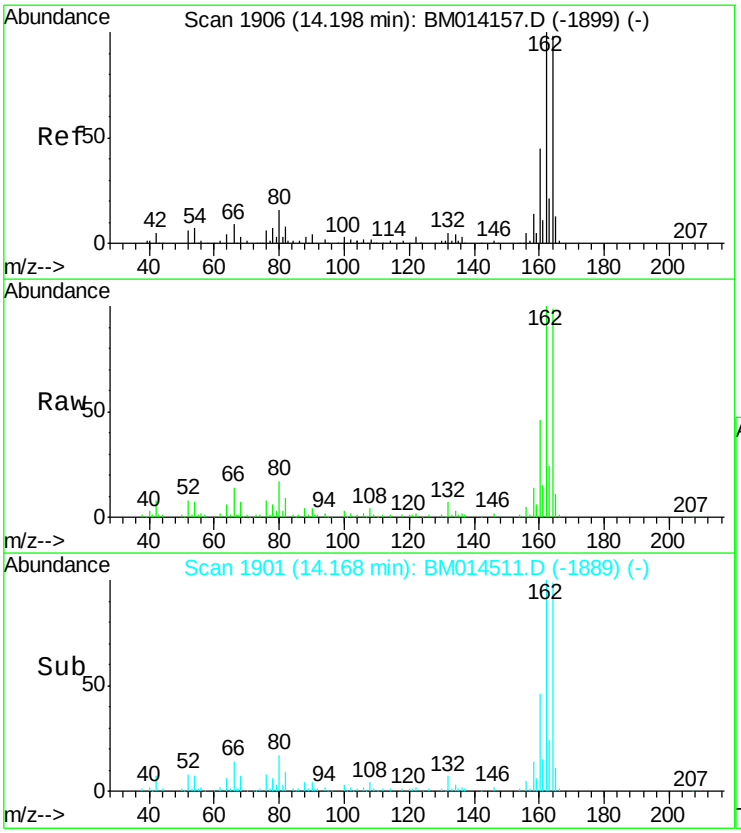
#23
Nitrobenzene-d5
Concen: 73.016 ng
RT: 8.67 min Scan# 966
Delta R.T. -0.04 min
Lab File: BM014511.D
Acq: 06 Mar 2018 23:00

Instrument :
BNA_M
ClientSampleId :
B19

Tgt Ion: 82 Resp: 557990

Ion	Ratio	Lower	Upper
82	100		
128	34.9	32.8	49.2
54	55.0	40.6	60.8

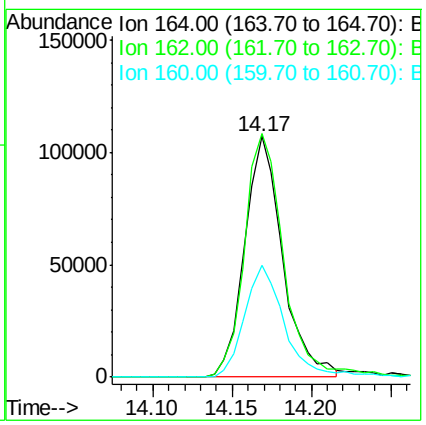


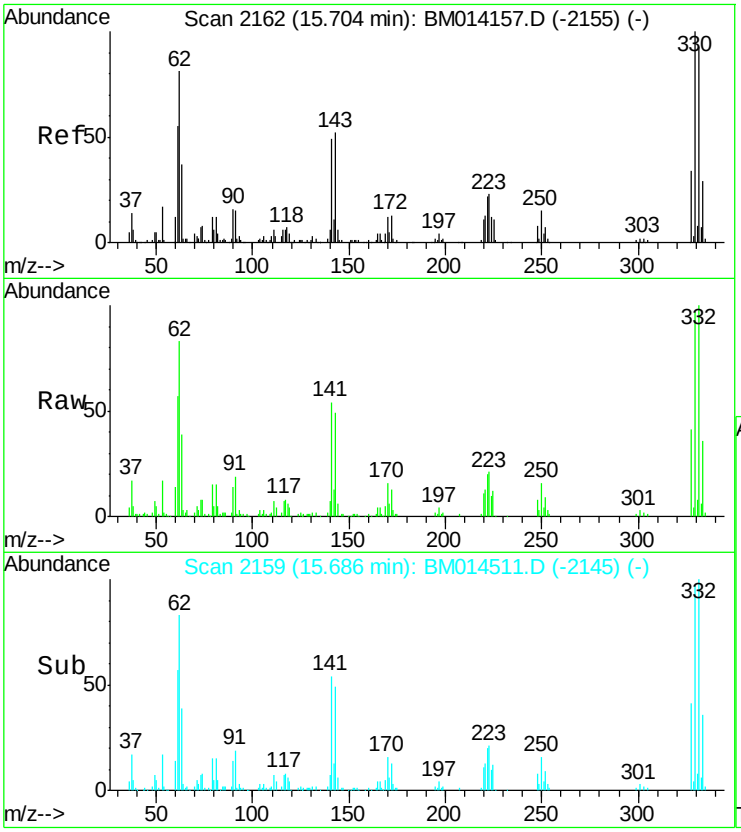


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.17 min Scan# 1901
Delta R.T. -0.03 min
Lab File: BM014511.D
Acq: 06 Mar 2018 23:00

Tgt Ion:164 Resp: 178516

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.4	123.6
160	46.6	35.8	53.6



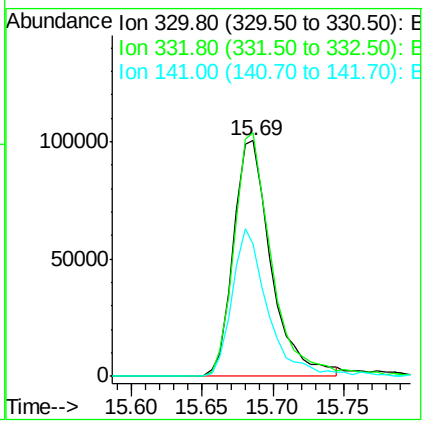


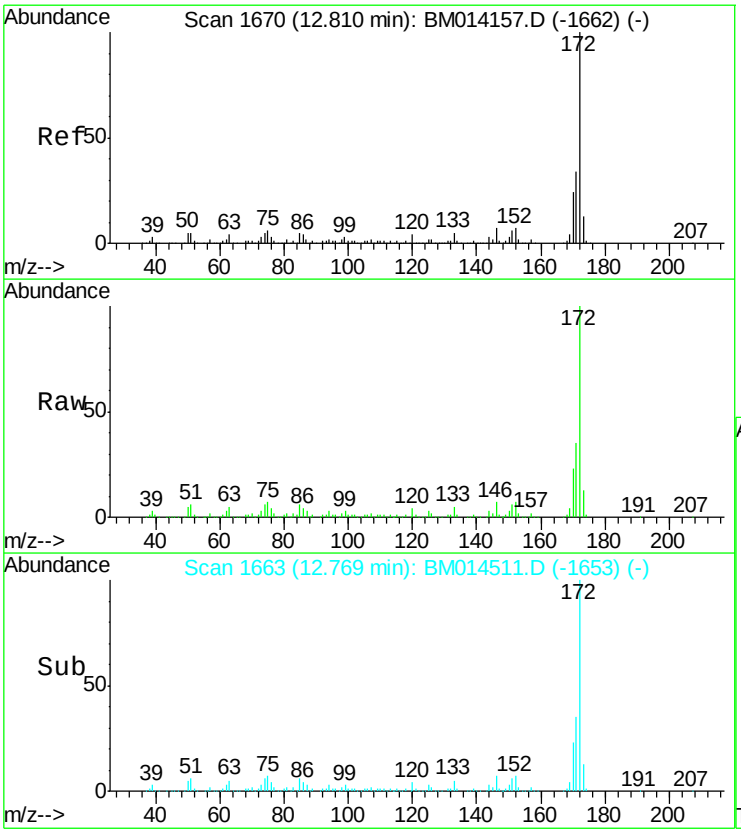
#41
2,4,6-Tribromophenol
Concen: 74.019 ng
RT: 15.69 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BM014511.D
Acq: 06 Mar 2018 23:00

Instrument :
BNA_M
ClientSampleId :
B19

Tgt Ion:330 Resp: 187496

Ion	Ratio	Lower	Upper
330	100		
332	101.3	0.0	0.0#
141	58.5	0.0	0.0#

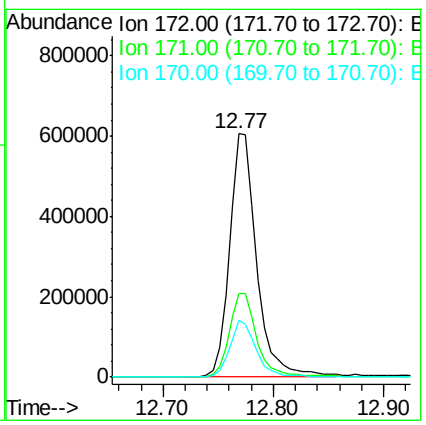


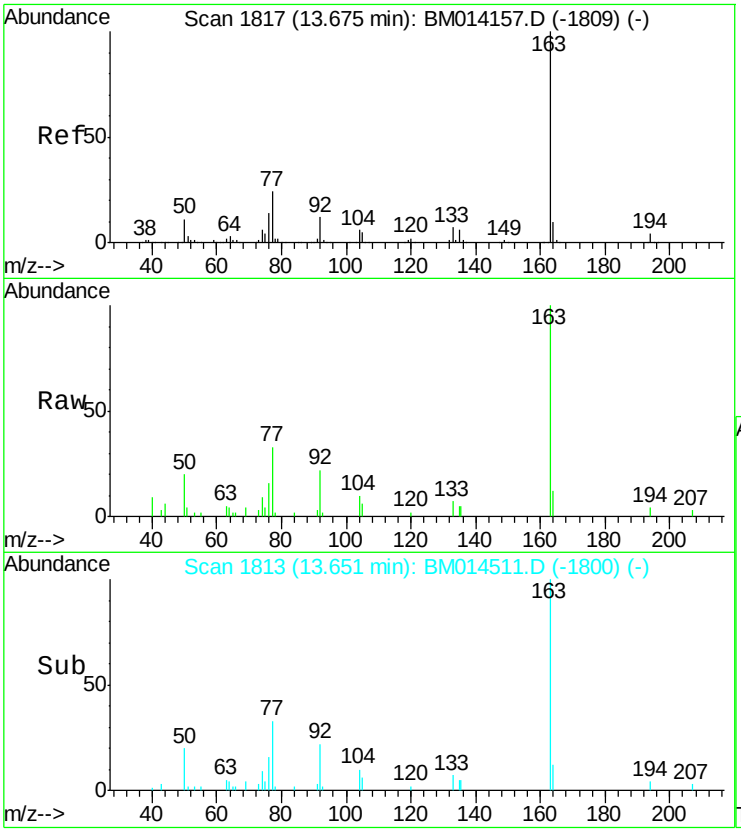


#44
2-Fluorobiphenyl
Concen: 73.047 ng
RT: 12.77 min Scan# 1663
Delta R.T. -0.04 min
Lab File: BM014511.D
Acq: 06 Mar 2018 23:00

Tgt Ion:172 Resp: 1044622

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	23.1	18.8	28.2



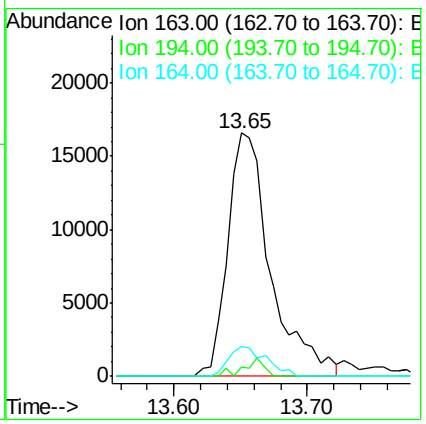


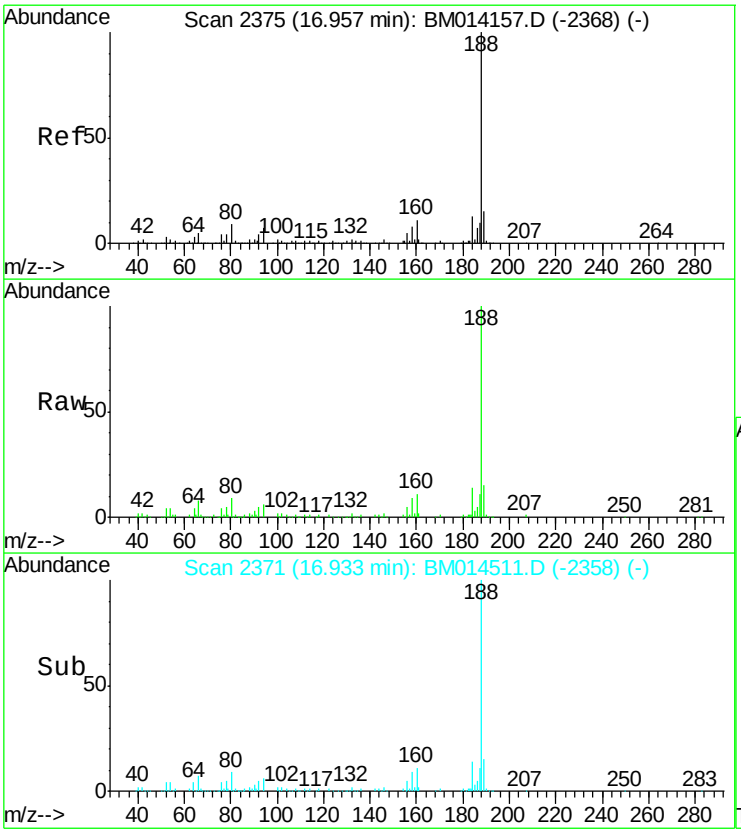
#49
Dimethylphthalate
Concen: 2.318 ng
RT: 13.65 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BM014511.D
Acq: 06 Mar 2018 23:00

Instrument :
BNA_M
ClientSampleId :
B19

Tgt Ion:163 Resp: 37039

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	12.0	8.2	12.2

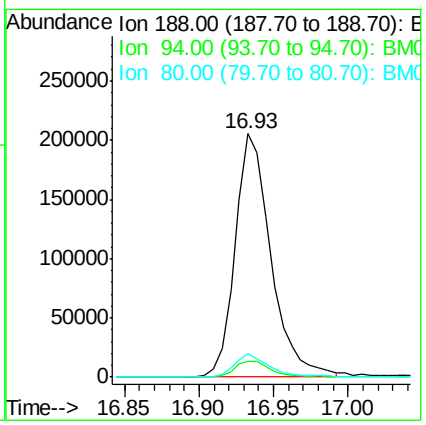


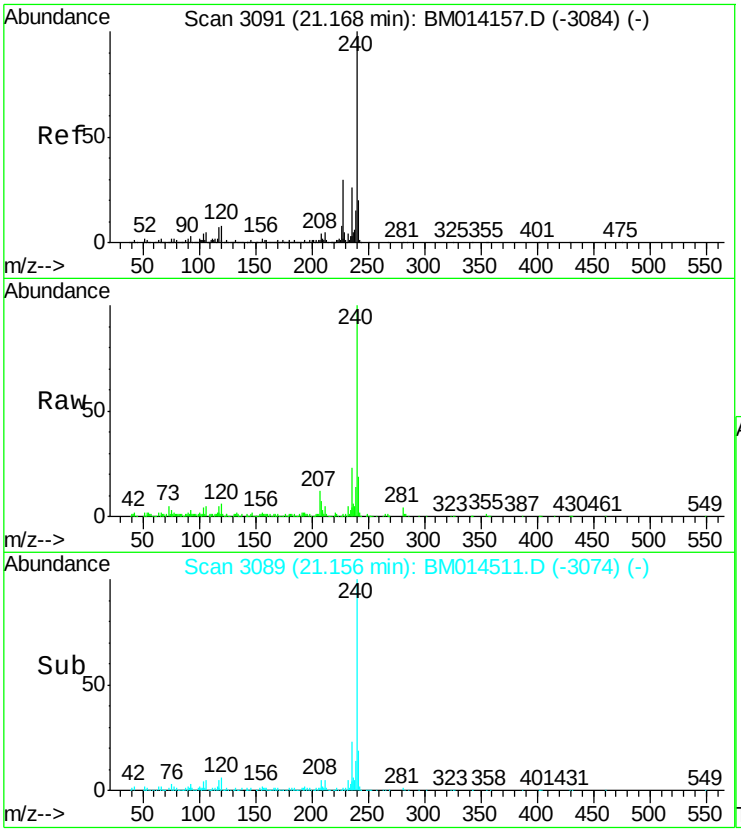


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.93 min Scan# 2371
Delta R.T. -0.02 min
Lab File: BM014511.D
Acq: 06 Mar 2018 23:00

Tgt Ion:188 Resp: 342587

Ion	Ratio	Lower	Upper
188	100		
94	6.3	8.7	13.1#
80	9.4	9.3	13.9



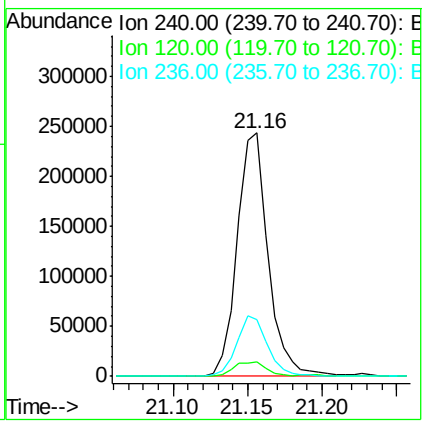


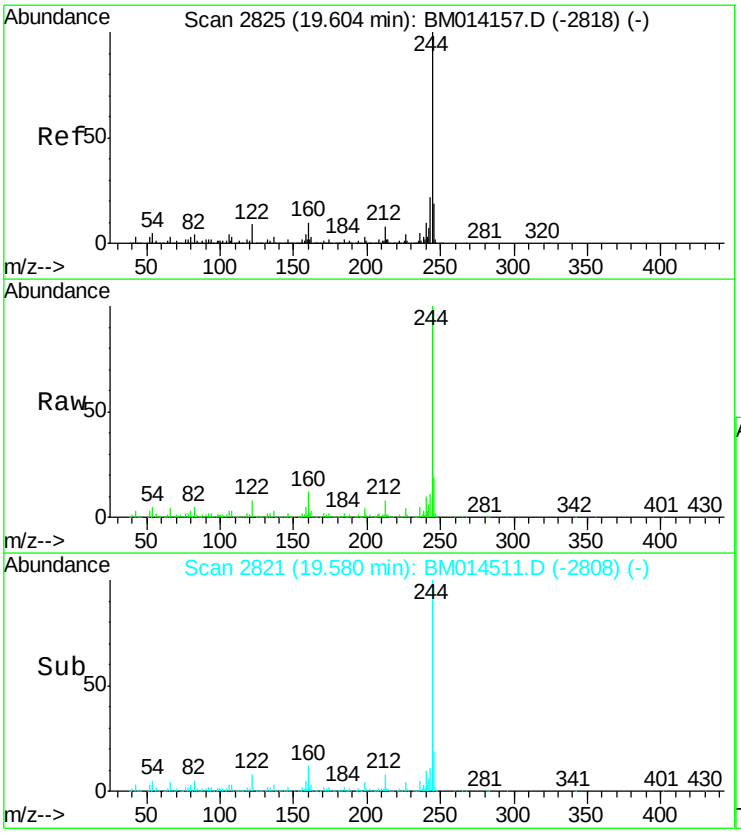
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM014511.D
Acq: 06 Mar 2018 23:00

Instrument :
BNA_M
ClientSampleId :
B19

Tgt Ion:240 Resp: 351071

Ion	Ratio	Lower	Upper
240	100		
120	5.9	8.2	12.2#
236	23.4	20.0	30.0

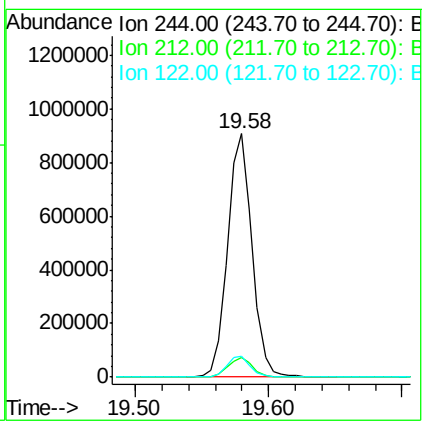


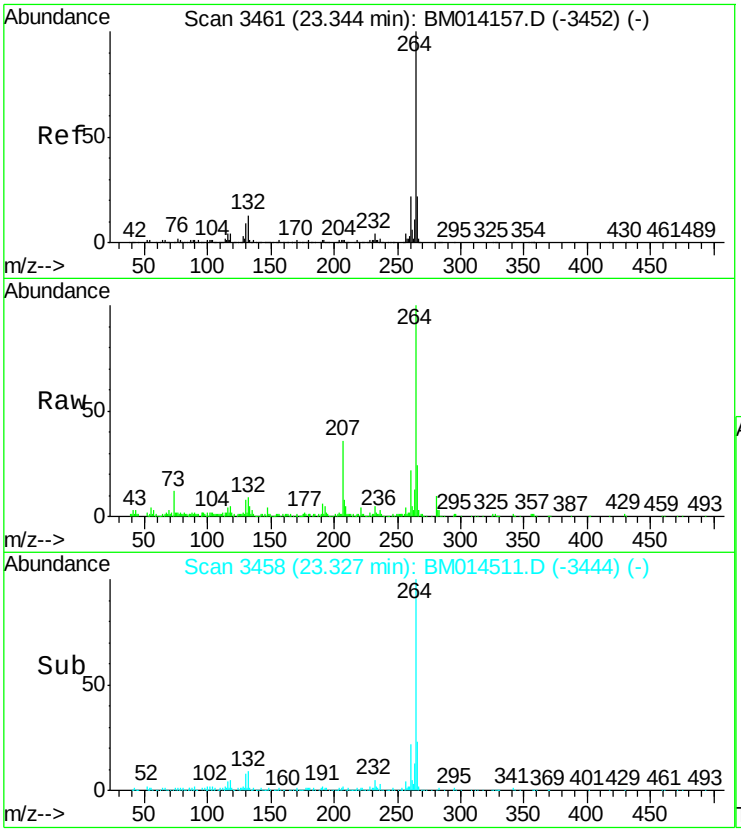


#78
Terphenyl-d14
Concen: 64.877 ng
RT: 19.58 min Scan# 2821
Delta R.T. -0.02 min
Lab File: BM014511.D
Acq: 06 Mar 2018 23:00

Tgt Ion:244 Resp: 1165667

Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.9	7.3#
122	8.5	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3458
Delta R.T. -0.02 min
Lab File: BM014511.D
Acq: 06 Mar 2018 23:00

Instrument :
BNA_M
ClientSampleId :
B19

Tgt Ion:264 Resp: 342960

Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.6	27.8
265	23.7	17.3	25.9