Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
Data File : BM015931.D
Acq On : 13 Jul 2018 01:01
Operator : SJ/JU
Sample : J3825-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-02-071118-A

Quant Time: Jul 13 01:41:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	84808	20.00	ng	-0.03
21) Naphthalene-d8	11.11	136	326495	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	168522	20.00	ng	-0.03
63) Phenanthrene-d10	17.63	188	337478	20.00	ng	-0.02
75) Chrysene-d12	21.74	240	313508	20.00	ng	-0.02
86) Perylene-d12	24.13	264	327504	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	773756	156.47	ng	-0.02
7) Phenol-d6	7.45	99	875330	129.30	ng	-0.02
23) Nitrobenzene-d5	9.47	82	754146	112.70	ng	-0.03
41) 2,4,6-Tribromophenol	16.39	330	344742	156.56	ng	-0.03
44) 2-Fluorobiphenyl	13.53	172	1498585	110.40	ng	-0.03
78) Terphenyl-d14	20.20	244	2001166	118.40	ng	-0.02
Target Compounds						Qvalue
76) Benzidine	19.84	184	148555	16.173	ng	98

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

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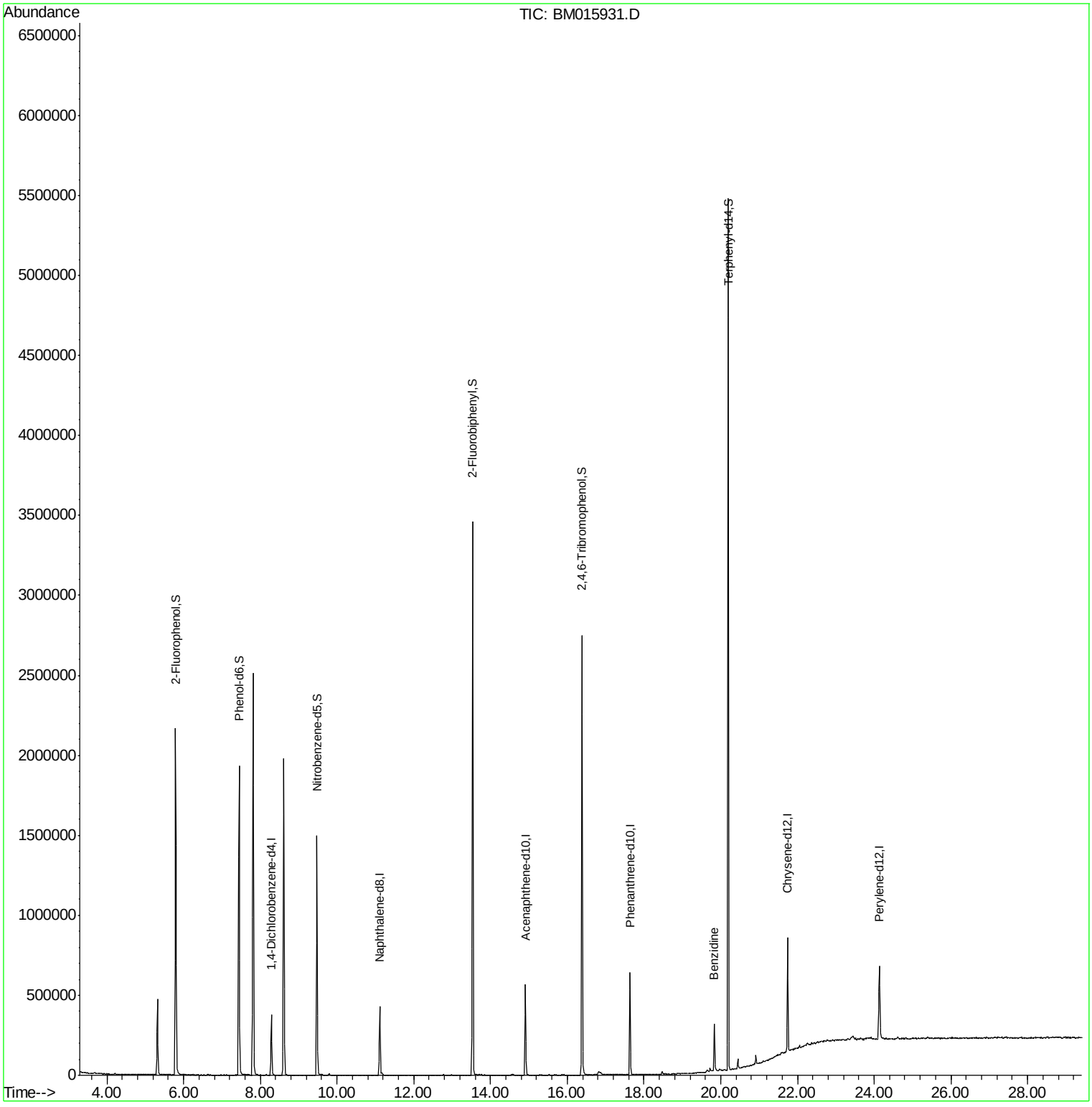
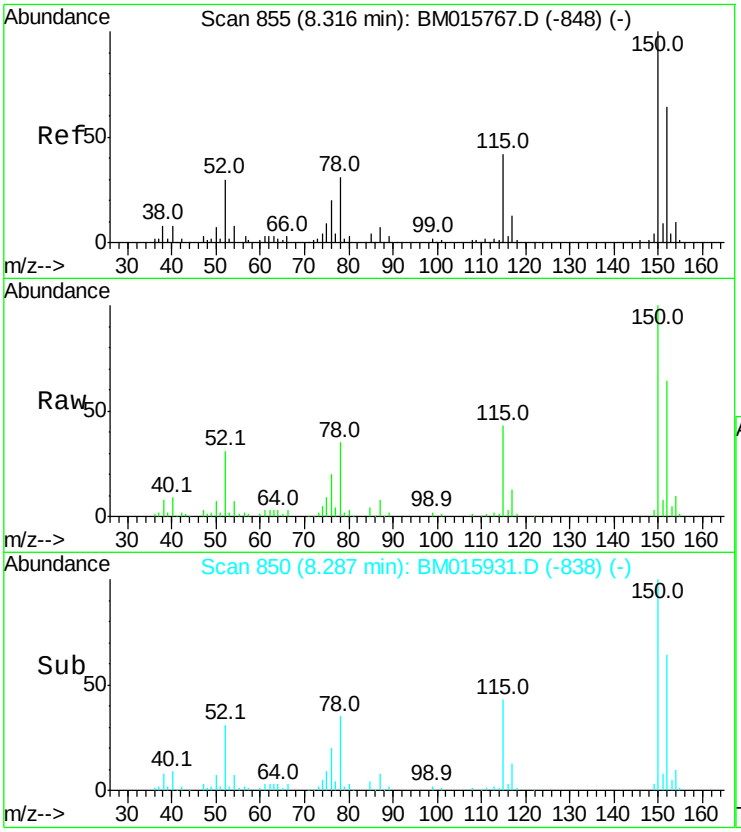


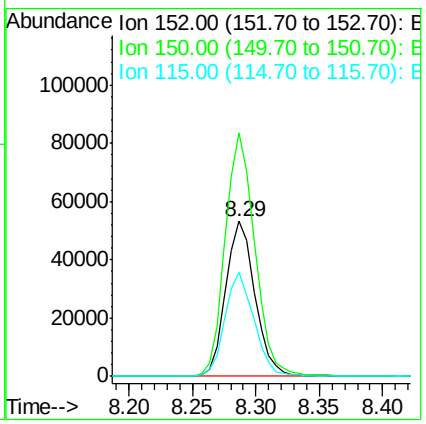


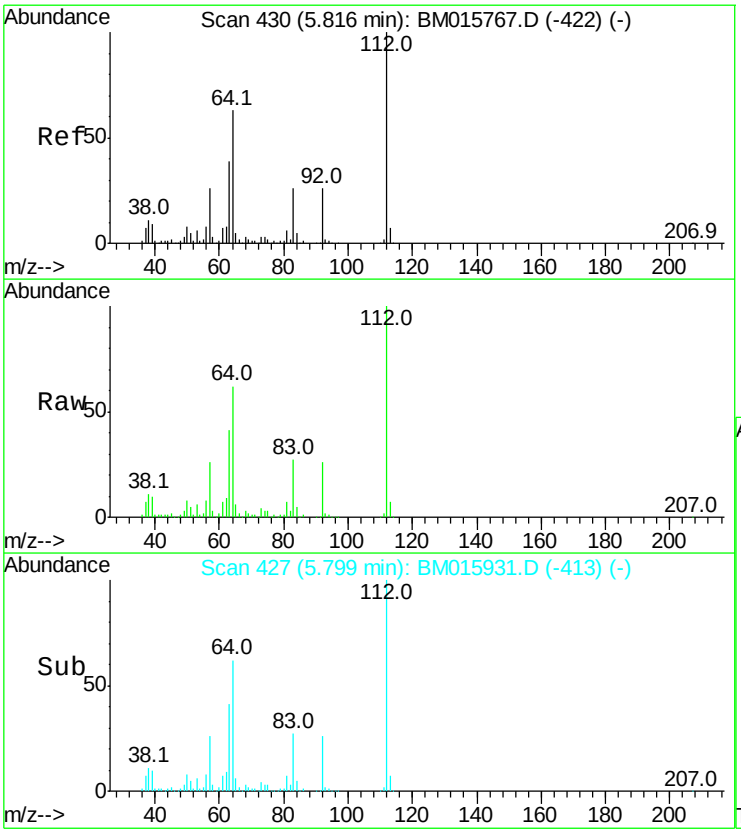
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 850
Delta R.T. -0.03 min
Lab File: BM015931.D
Acq: 13 Jul 2018 01:01

Instrument :
BNA_M
ClientSampleId :
CL-02-071118-A

Tgt Ion:152 Resp: 84808

Ion	Ratio	Lower	Upper
152	100		
150	157.1	119.5	179.3
115	67.1	43.0	64.4#

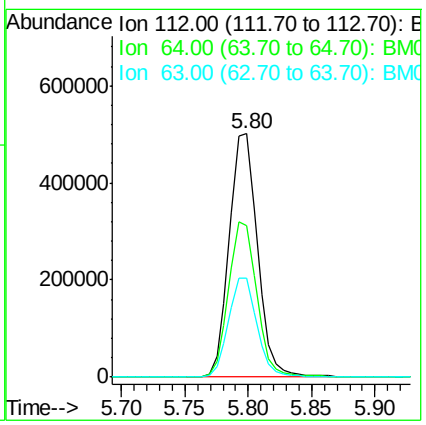


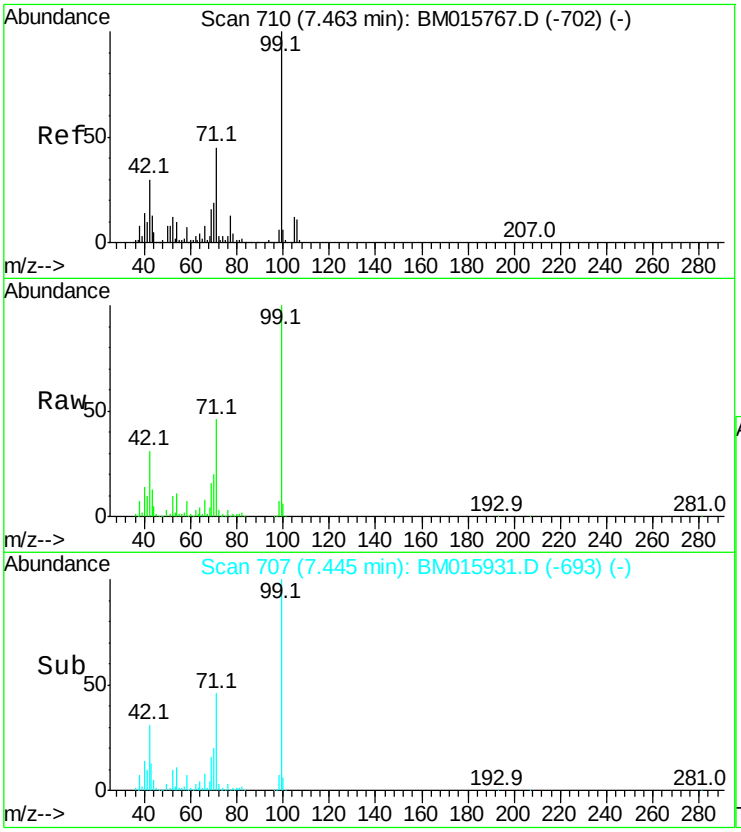


#5
2-Fluorophenol
Concen: Below ng
RT: 5.80 min Scan# 427
Delta R.T. -0.02 min
Lab File: BM015931.D
Acq: 13 Jul 2018 01:01

Tgt Ion:112 Resp: 773756

Ion	Ratio	Lower	Upper
112	100		
64	62.2	38.6	57.8#
63	40.6	19.3	28.9#



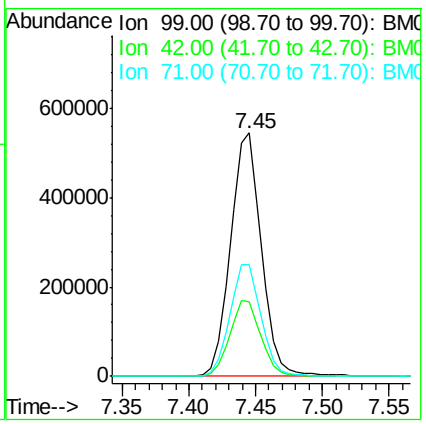


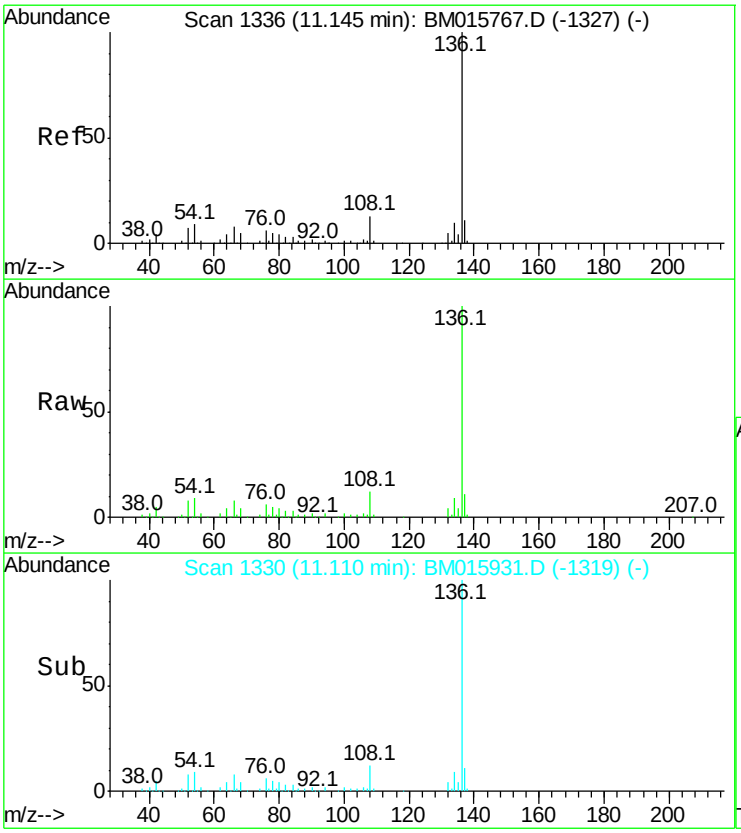
#7
Phenol-d6
Concen: N.D. ng
RT: 7.45 min Scan# 707
Delta R.T. -0.02 min
Lab File: BM015931.D
Acq: 13 Jul 2018 01:01

Instrument :
BNA_M
ClientSampleId :
CL-02-071118-A

Tgt Ion: 99 Resp: 875330

Ion	Ratio	Lower	Upper
99	100		
42	30.5	11.0	16.4#
71	46.2	23.4	35.2#

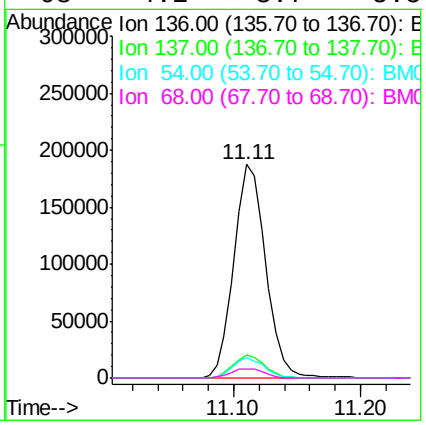


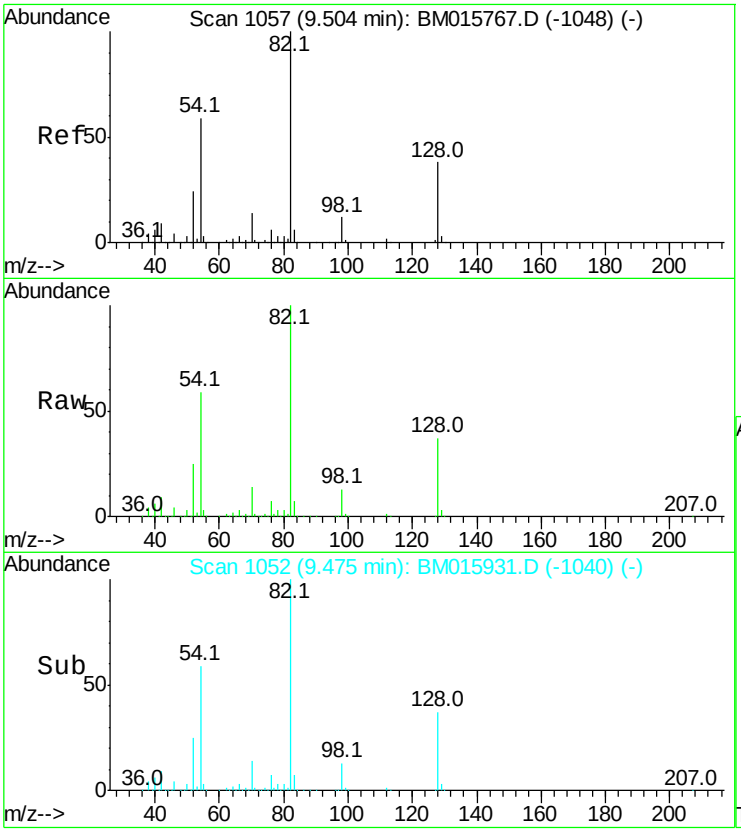


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.11 min Scan# 1330
Delta R.T. -0.04 min
Lab File: BM015931.D
Acq: 13 Jul 2018 01:01

Tgt Ion:136 Resp: 326495

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.5	4.6	6.8#
68	4.2	3.7	5.5



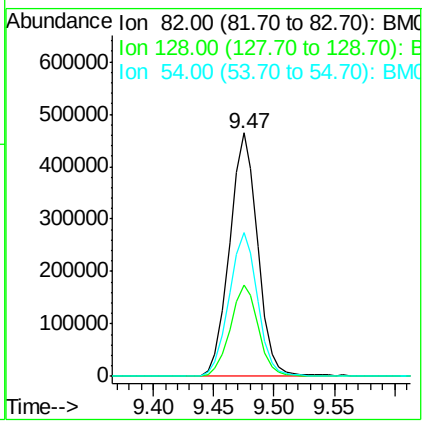


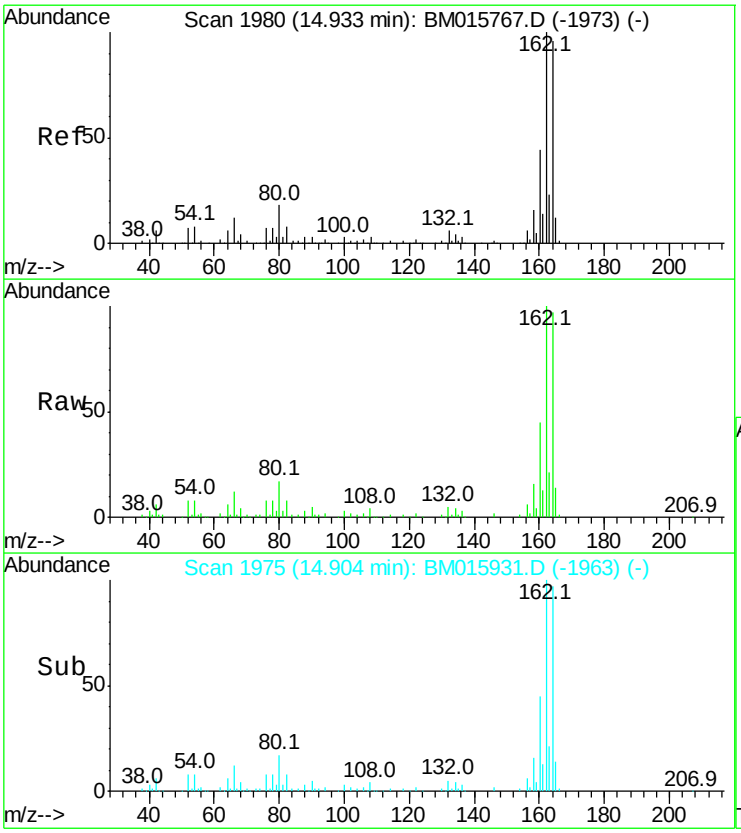
#23
Nitrobenzene-d5
Concen: Below ng
RT: 9.47 min Scan# 1052
Delta R.T. -0.03 min
Lab File: BM015931.D
Acq: 13 Jul 2018 01:01

Instrument :
BNA_M
ClientSampleId :
CL-02-071118-A

Tgt Ion: 82 Resp: 754146

Ion	Ratio	Lower	Upper
82	100		
128	37.3	32.8	49.2
54	59.3	40.6	60.8

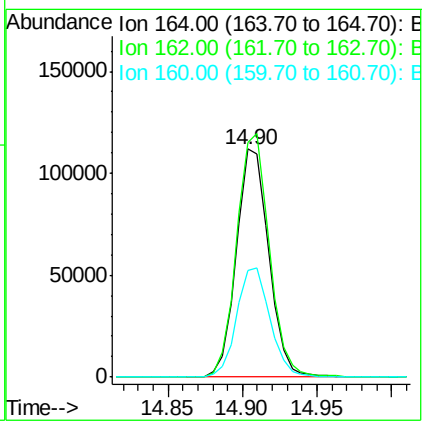


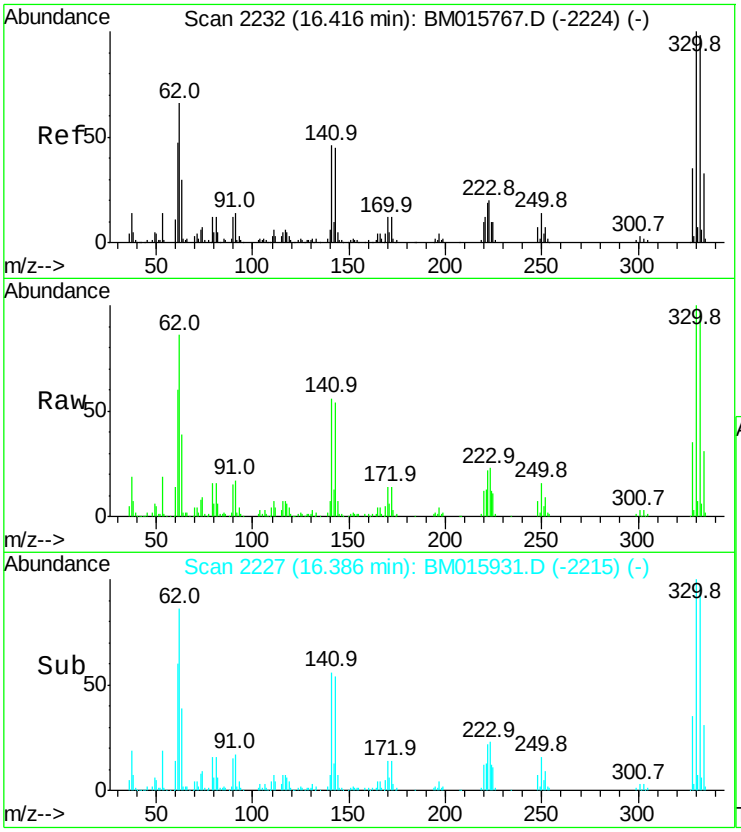


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.90 min Scan# 1975
Delta R.T. -0.03 min
Lab File: BM015931.D
Acq: 13 Jul 2018 01:01

Tgt Ion:164 Resp: 168522

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.4	123.6
160	46.6	35.8	53.6



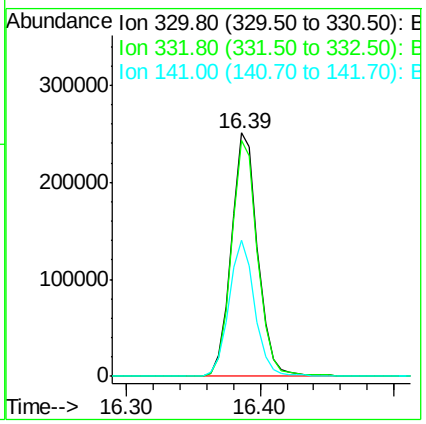


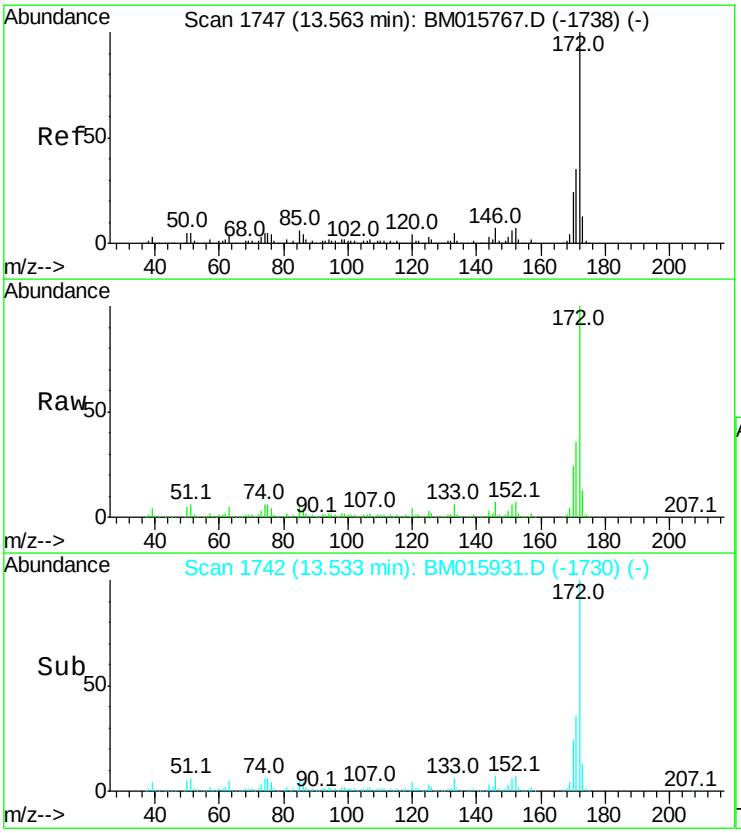
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.39 min Scan# 2227
Delta R.T. -0.03 min
Lab File: BM015931.D
Acq: 13 Jul 2018 01:01

Instrument :
BNA_M
ClientSampleId :
CL-02-071118-A

Tgt Ion:330 Resp: 344742

Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	55.3	0.0	0.0#

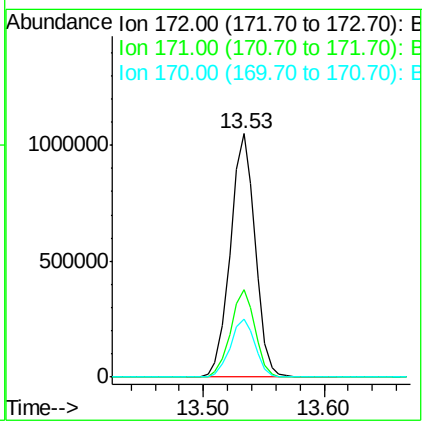


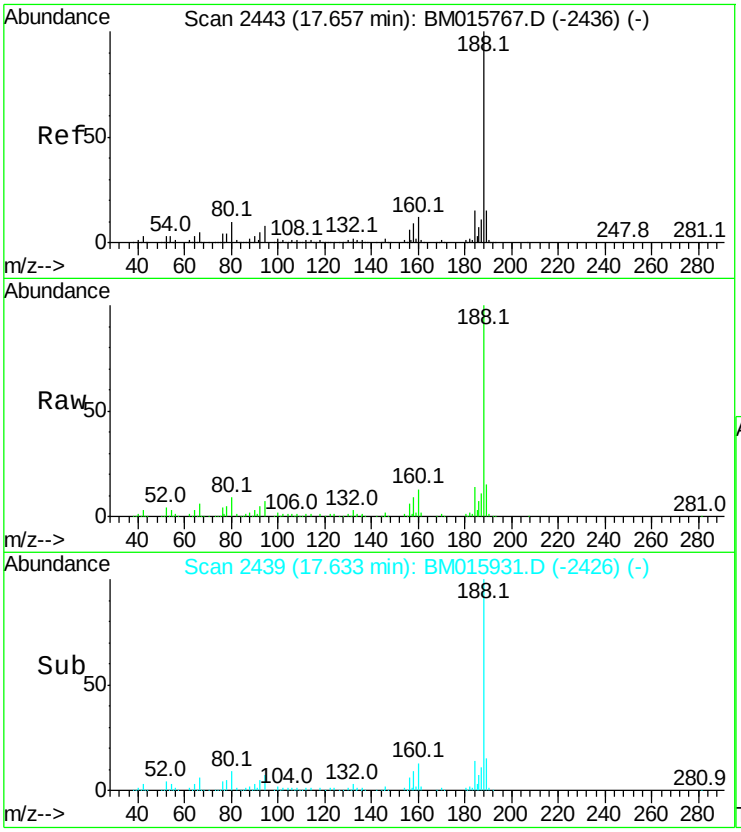


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.53 min Scan# 1742
Delta R.T. -0.03 min
Lab File: BM015931.D
Acq: 13 Jul 2018 01:01

Tgt Ion:172 Resp: 1498585

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.7	18.8	28.2



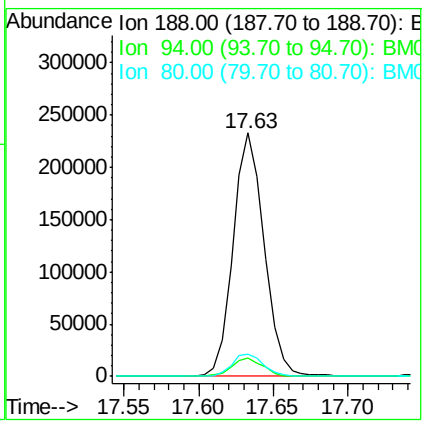


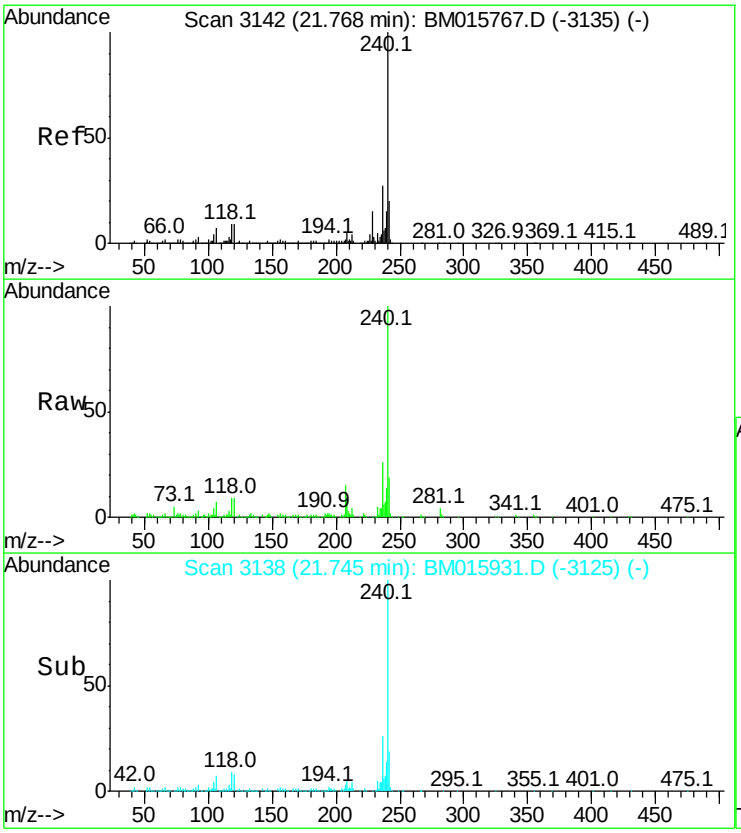
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.63 min Scan# 2439
Delta R.T. -0.02 min
Lab File: BM015931.D
Acq: 13 Jul 2018 01:01

Instrument :
BNA_M
ClientSampleId :
CL-02-071118-A

Tgt Ion:188 Resp: 337478

Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.7	13.1#
80	9.1	9.3	13.9#

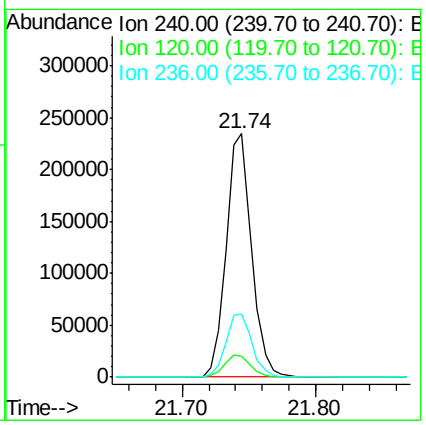


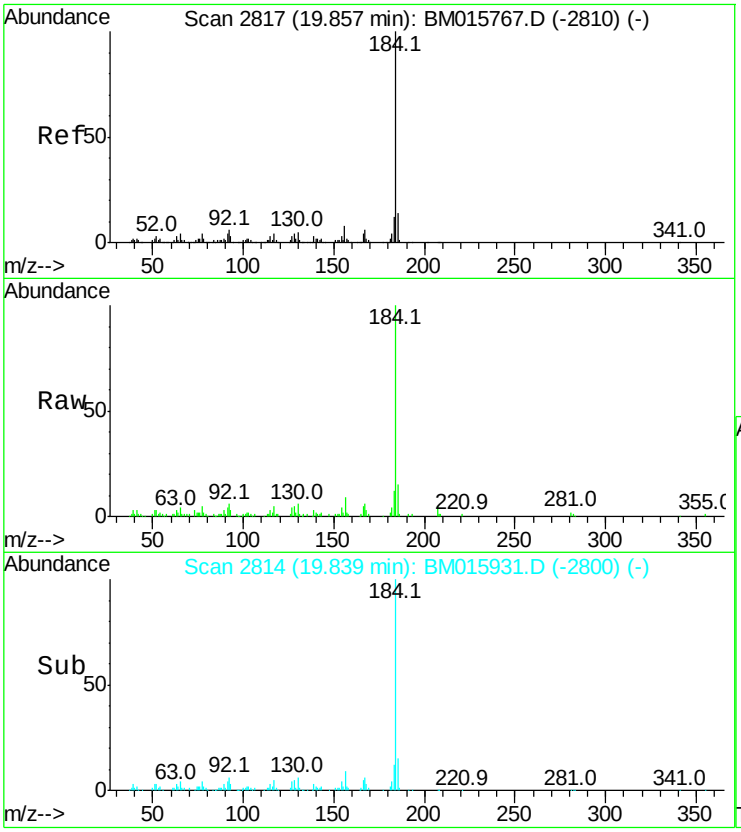


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3138
Delta R.T. -0.02 min
Lab File: BM015931.D
Acq: 13 Jul 2018 01:01

Tgt Ion:240 Resp: 313508

Ion	Ratio	Lower	Upper
240	100		
120	8.6	8.2	12.2
236	26.1	20.0	30.0



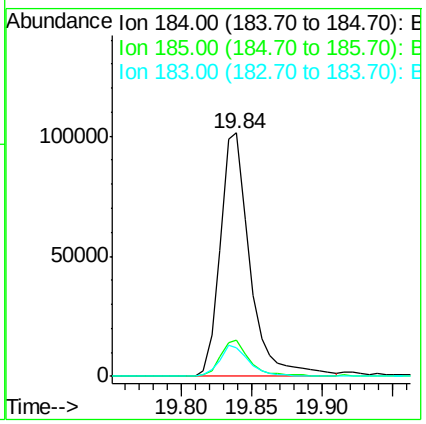


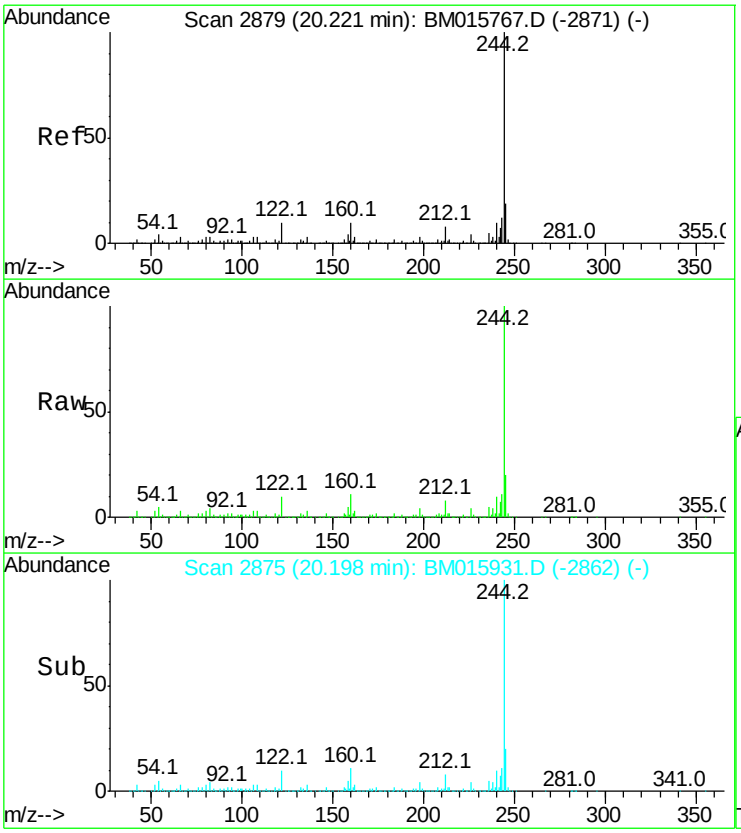
#76
Benzidine
Concen: 16.173 ng
RT: 19.84 min Scan# 2814
Delta R.T. -0.02 min
Lab File: BM015931.D
Acq: 13 Jul 2018 01:01

Instrument :
BNA_M
ClientSampleId :
CL-02-071118-A

Tgt Ion:184 Resp: 148555

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.3	16.9
183	11.9	8.9	13.3

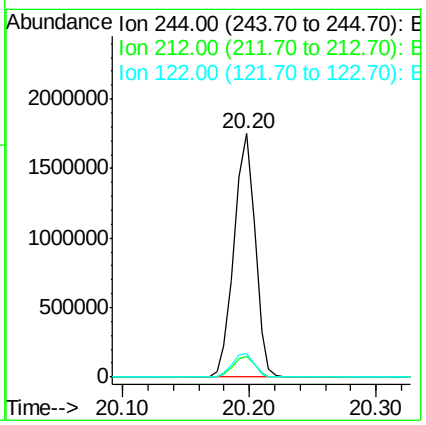


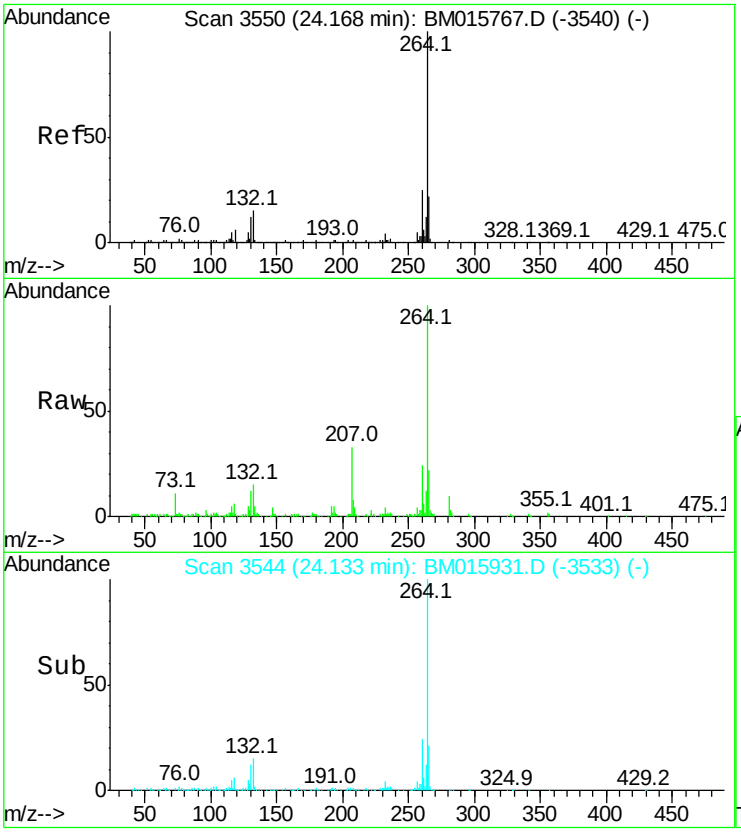


#78
Terphenyl-d14
Concen: Below ng
RT: 20.20 min Scan# 2875
Delta R.T. -0.02 min
Lab File: BM015931.D
Acq: 13 Jul 2018 01:01

Tgt Ion:244 Resp: 2001166

Ion	Ratio	Lower	Upper
244	100		
212	8.5	4.9	7.3#
122	9.6	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.13 min Scan# 3544
Delta R.T. -0.04 min
Lab File: BM015931.D
Acq: 13 Jul 2018 01:01

Instrument :
BNA_M
ClientSampleId :
CL-02-071118-A

Tgt Ion:264 Resp: 327504

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	27.8
265	22.5	17.3	25.9