Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM090517\
Data File : BM011447.D
Acq On : 06 Sep 2017 00:15
Operator : SJ/JU
Sample : I5093-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AU-06-090117-B

Quant Time: Sep 06 08:47:55 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 18:39:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	367568	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	1468592	20.00	ng	-0.02
38) Acenaphthene-d10	14.61	164	783924	20.00	ng	-0.02
63) Phenanthrene-d10	17.35	188	1864680	20.00	ng	-0.01
75) Chrysene-d12	21.51	240	2189342	20.00	ng	-0.02
86) Perylene-d12	23.89	264	1952261	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	3295152	150.90	ng	0.00
7) Phenol-d6	7.13	99	3928168	129.73	ng	0.00
23) Nitrobenzene-d5	9.15	82	2489000	111.69	ng	-0.01
41) 2,4,6-Tribromophenol	16.09	330	1436970	158.44	ng	-0.02
44) 2-Fluorobiphenyl	13.23	172	5965441	109.69	ng	-0.02
78) Terphenyl-d14	19.96	244	9356812	106.04	ng	-0.02
Target Compounds						Qvalue

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

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BNA_M
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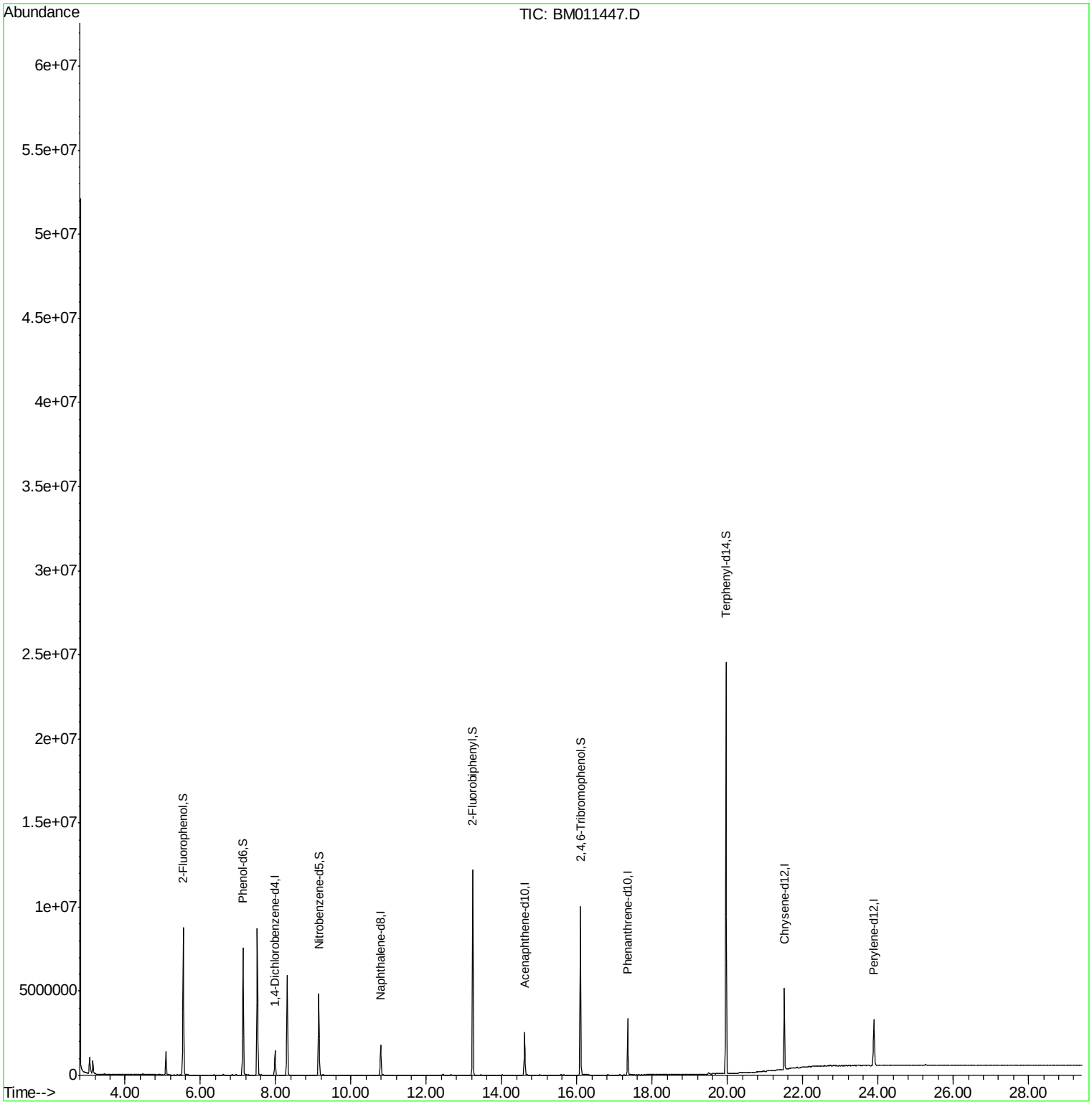
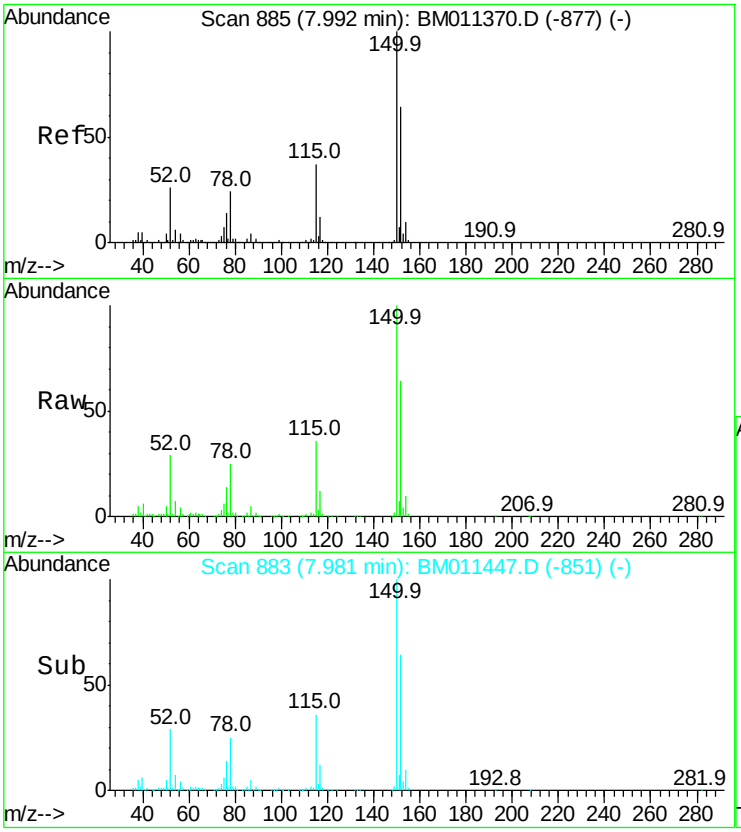


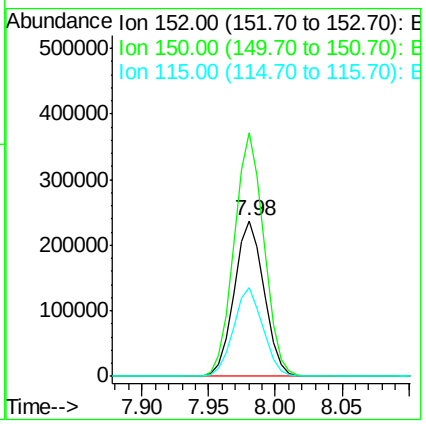


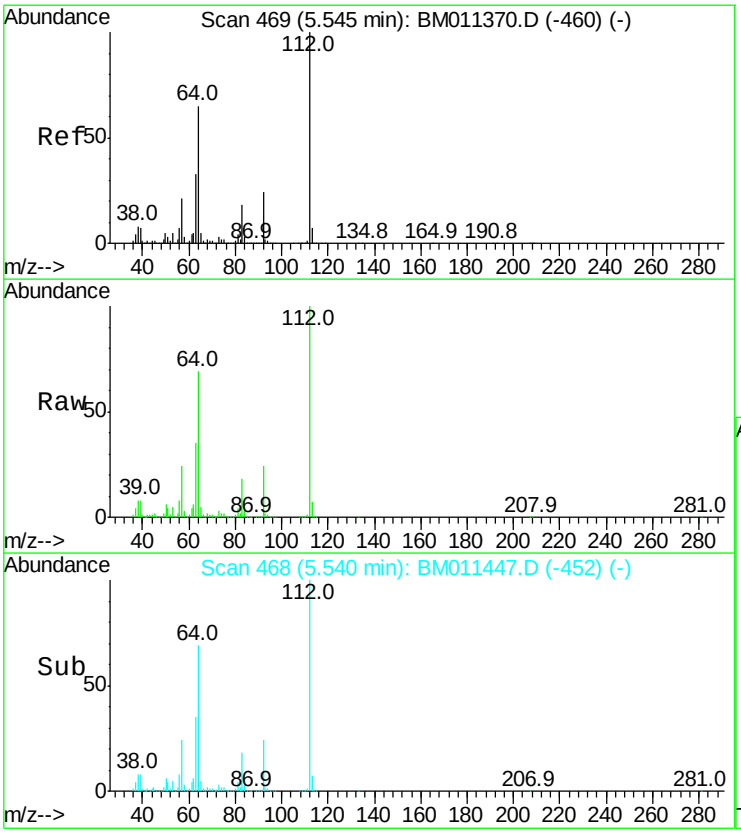
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011447.D
Acq: 06 Sep 2017 00:15

Instrument :
BNA_M
ClientSampleId :
AU-06-090117-B

Tgt Ion:152 Resp: 367568

Ion	Ratio	Lower	Upper
152	100		
150	156.4	119.5	179.3
115	57.0	43.0	64.4

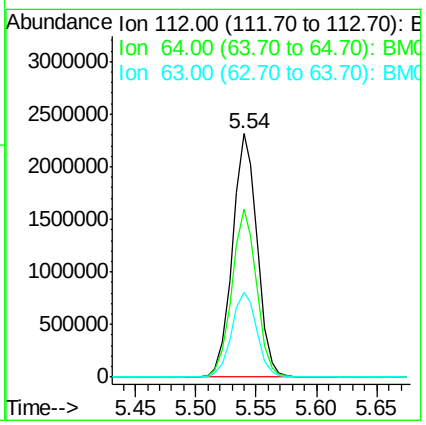


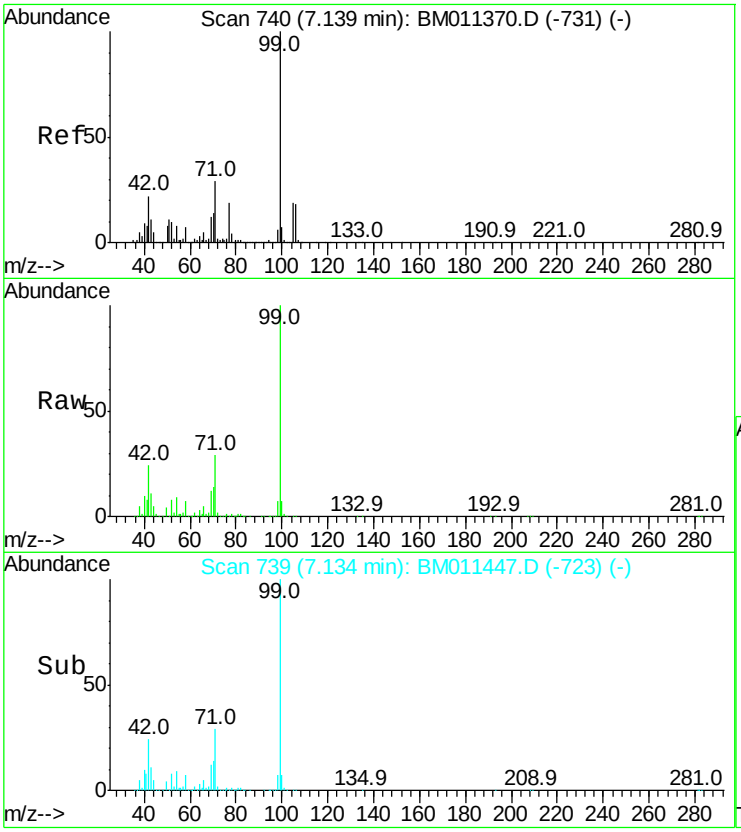


#5
2-Fluorophenol
Concen: 150.901 ng
RT: 5.54 min Scan# 468
Delta R.T. -0.01 min
Lab File: BM011447.D
Acq: 06 Sep 2017 00:15

Tgt Ion:112 Resp: 3295152

Ion	Ratio	Lower	Upper
112	100		
64	69.3	38.6	57.8#
63	35.0	19.3	28.9#



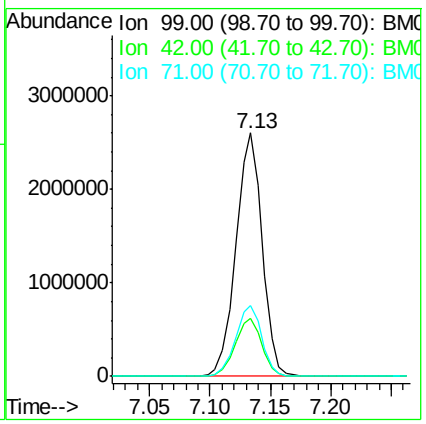


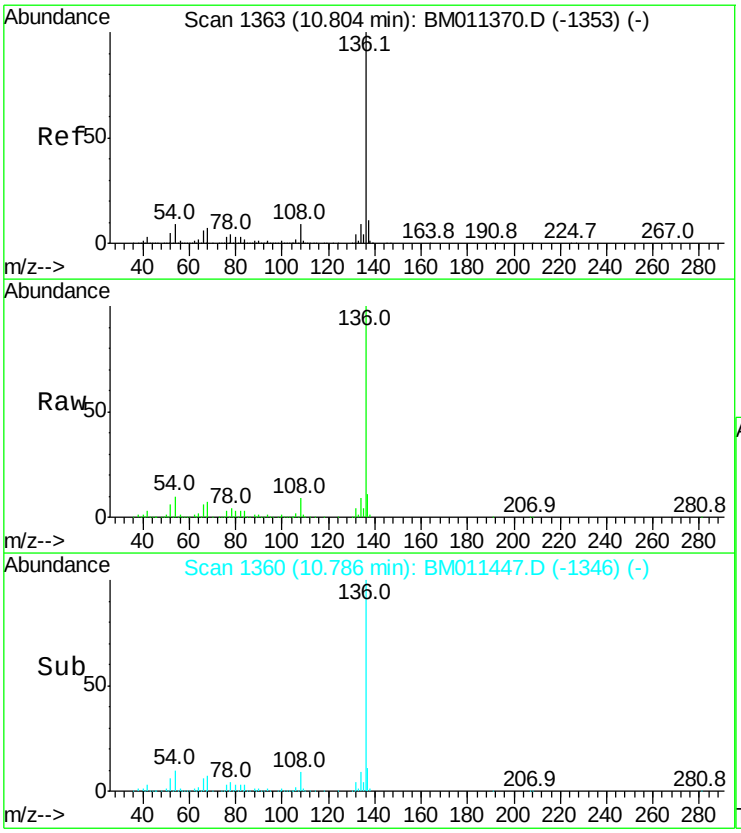
#7
Phenol-d6
Concen: 129.733 ng
RT: 7.13 min Scan# 739
Delta R.T. -0.01 min
Lab File: BM011447.D
Acq: 06 Sep 2017 00:15

Instrument :
BNA_M
ClientSampleId :
AU-06-090117-B

Tgt Ion: 99 Resp: 3928168

Ion	Ratio	Lower	Upper
99	100		
42	23.7	11.0	16.4#
71	28.9	23.4	35.2

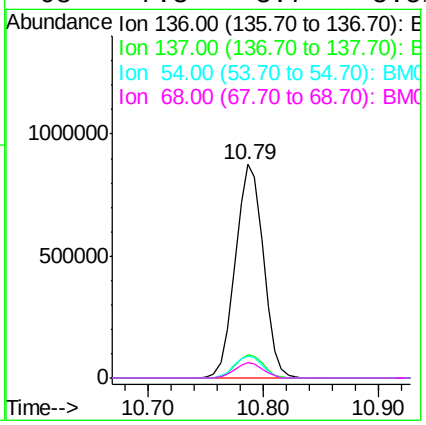


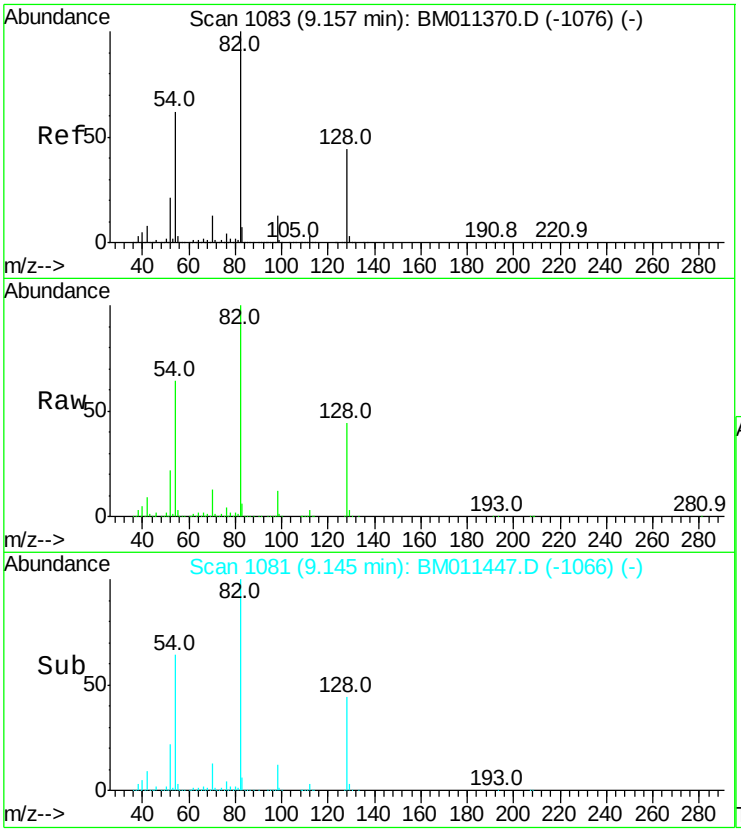


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BM011447.D
Acq: 06 Sep 2017 00:15

Tgt Ion:136 Resp: 1468592

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	10.0	4.6	6.8#
68	7.3	3.7	5.5#



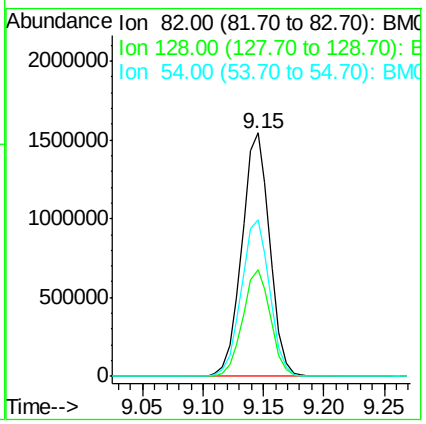


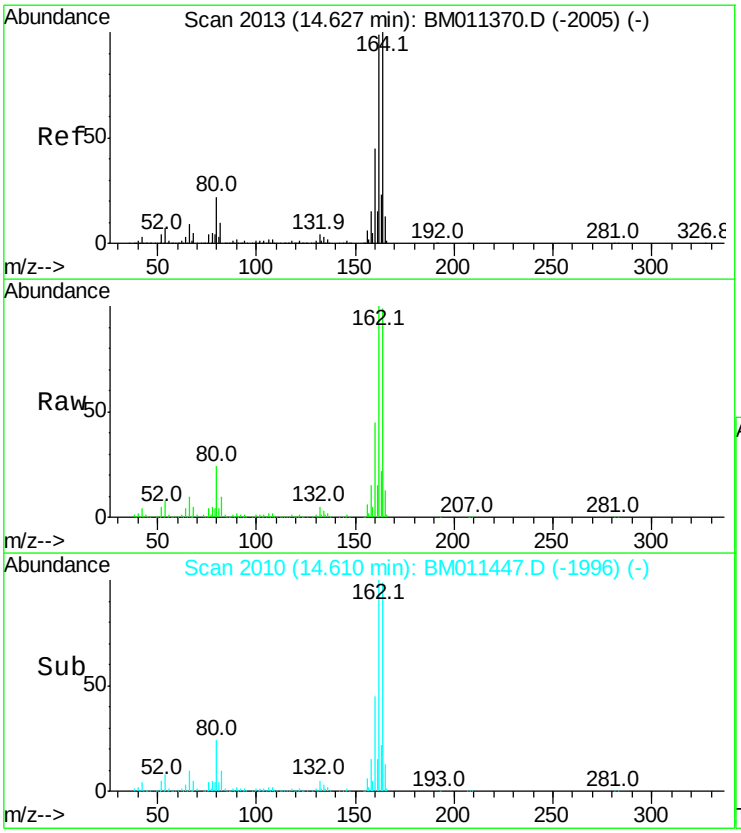
#23
Nitrobenzene-d5
Concen: 111.686 ng
RT: 9.15 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BM011447.D
Acq: 06 Sep 2017 00:15

Instrument :
BNA_M
ClientSampleId :
AU-06-090117-B

Tgt Ion: 82 Resp: 2489000

Ion	Ratio	Lower	Upper
82	100		
128	43.6	32.8	49.2
54	64.5	40.6	60.8#

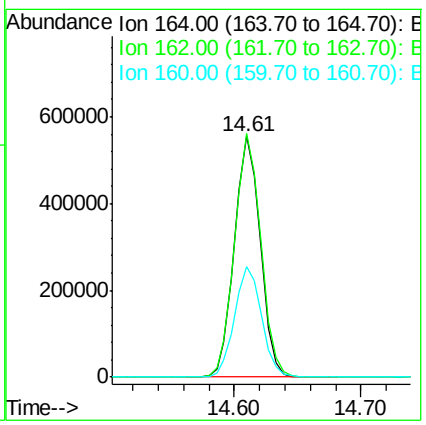


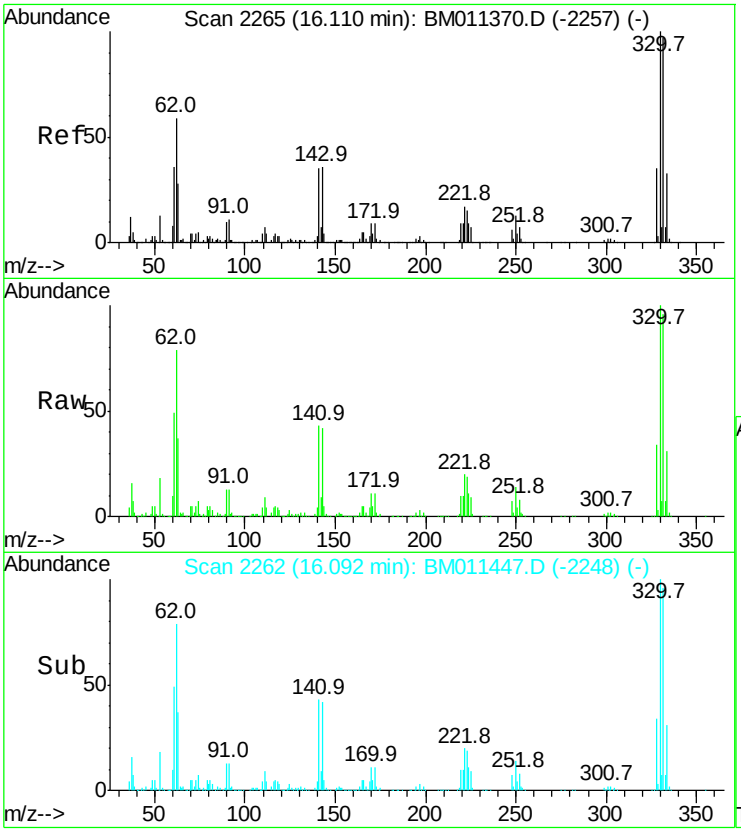


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BM011447.D
Acq: 06 Sep 2017 00:15

Tgt Ion:164 Resp: 783924

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.4	123.6
160	45.9	35.8	53.6



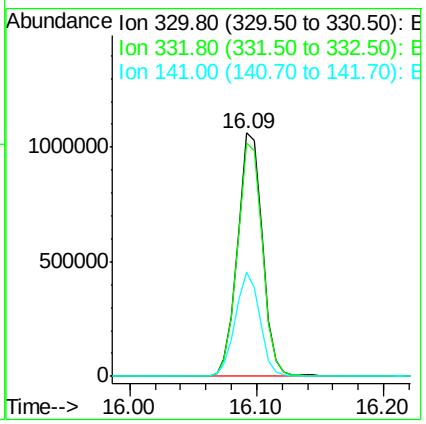


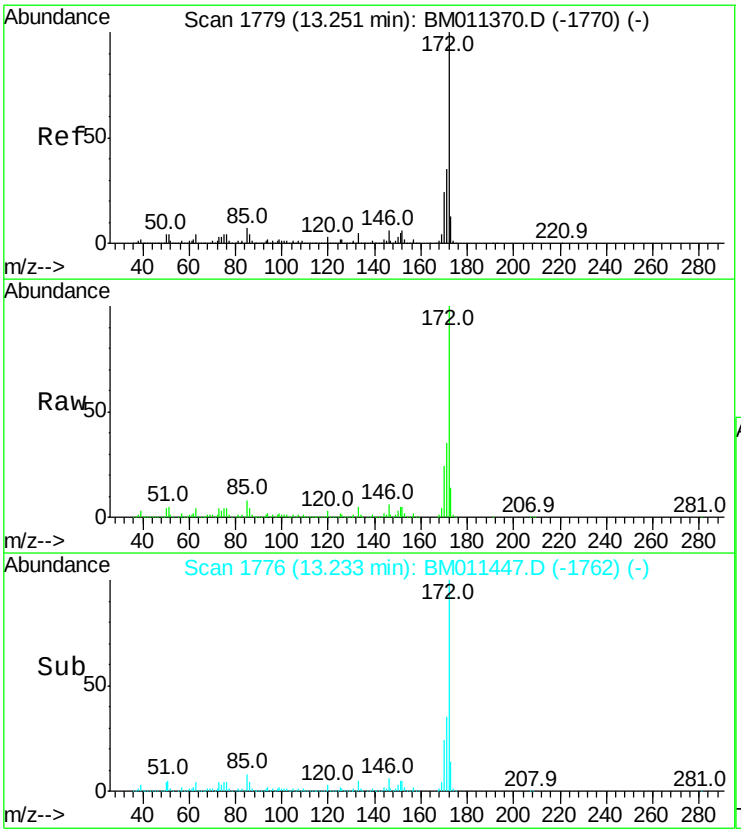
#41
2,4,6-Tribromophenol
Concen: 158.437 ng
RT: 16.09 min Scan# 2262
Delta R.T. -0.02 min
Lab File: BM011447.D
Acq: 06 Sep 2017 00:15

Instrument :
BNA_M
ClientSampleId :
AU-06-090117-B

Tgt Ion:330 Resp: 1436970

Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	42.3	0.0	0.0#

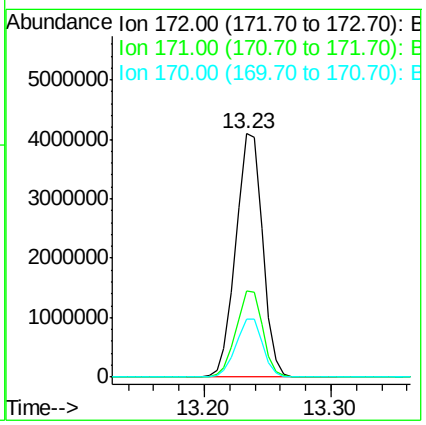


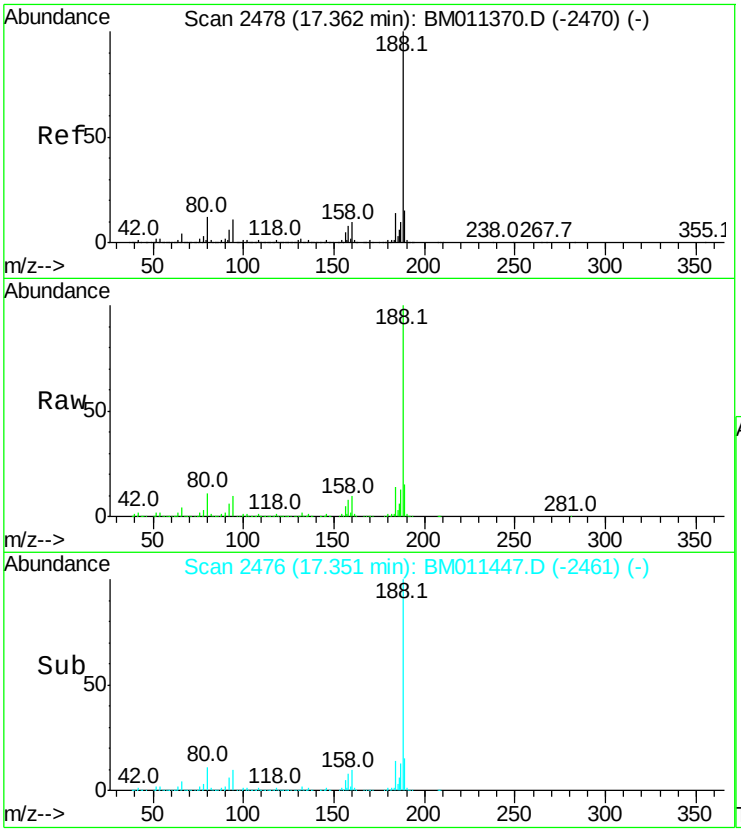


#44
2-Fluorobiphenyl
Concen: 109.693 ng
RT: 13.23 min Scan# 1776
Delta R.T. -0.02 min
Lab File: BM011447.D
Acq: 06 Sep 2017 00:15

Tgt Ion:172 Resp: 5965441

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.9	18.8	28.2



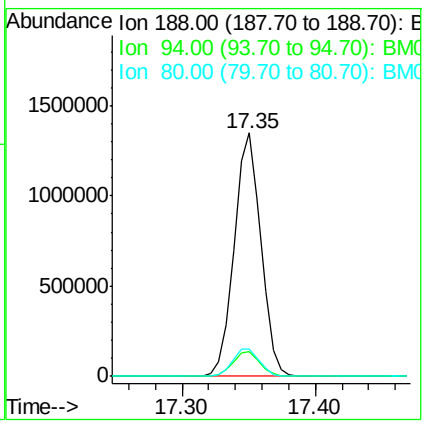


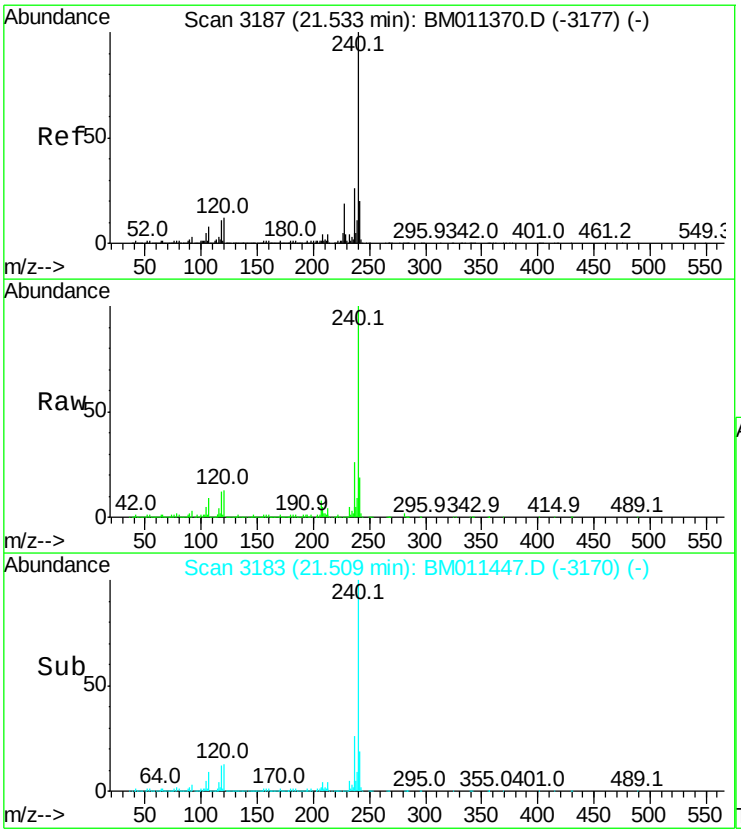
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BM011447.D
Acq: 06 Sep 2017 00:15

Instrument :
BNA_M
ClientSampleId :
AU-06-090117-B

Tgt Ion:188 Resp: 1864680

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.7	13.1
80	11.2	9.3	13.9

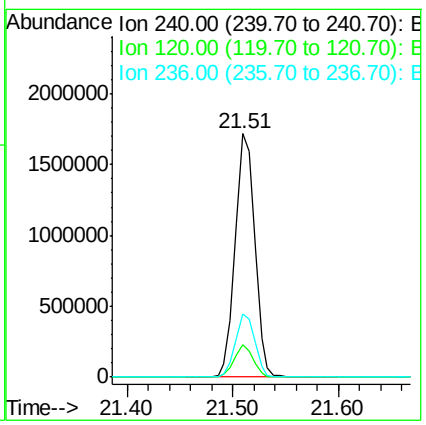


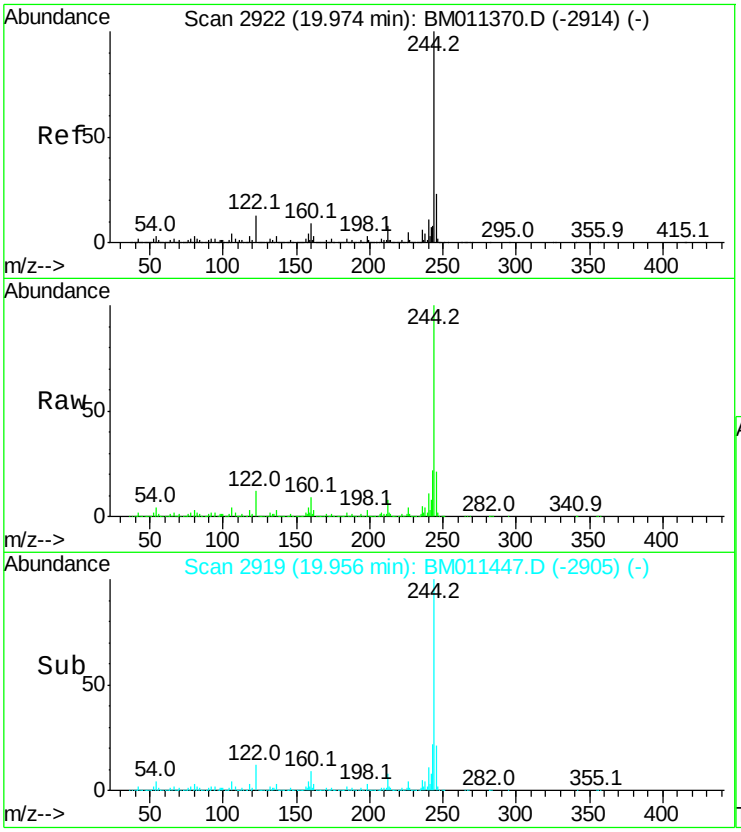


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3183
Delta R.T. -0.02 min
Lab File: BM011447.D
Acq: 06 Sep 2017 00:15

Tgt Ion:240 Resp: 2189342

Ion	Ratio	Lower	Upper
240	100		
120	13.3	8.2	12.2#
236	25.8	20.0	30.0



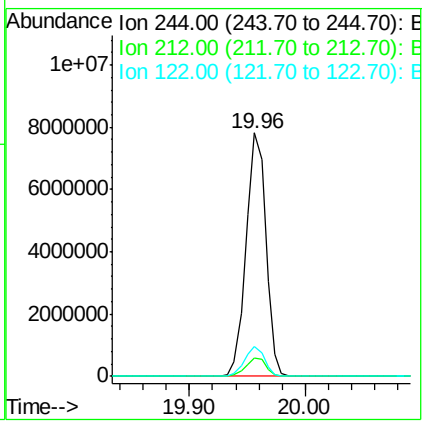


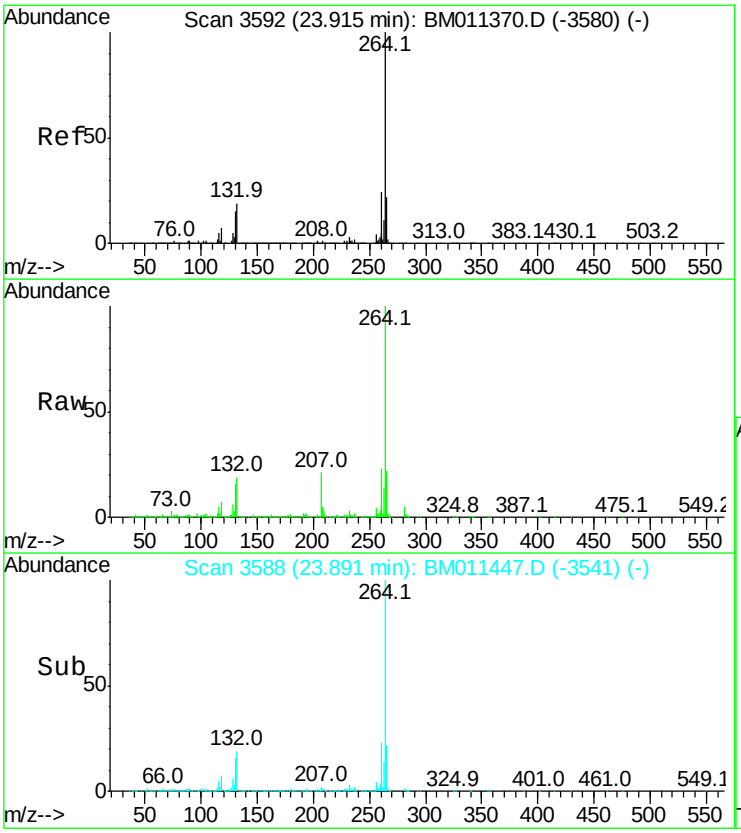
#78
Terphenyl-d14
Concen: 106.042 ng
RT: 19.96 min Scan# 2919
Delta R.T. -0.02 min
Lab File: BM011447.D
Acq: 06 Sep 2017 00:15

Instrument :
BNA_M
ClientSampleId :
AU-06-090117-B

Tgt Ion:244 Resp: 9356812

Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.9	7.3#
122	12.2	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.89 min Scan# 3588
Delta R.T. -0.02 min
Lab File: BM011447.D
Acq: 06 Sep 2017 00:15

Tgt Ion:264 Resp: 1952261

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.9	17.3	25.9