

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
 Data File : BM015779.D
 Acq On : 05 Jul 2018 22:23
 Operator : SJ/JU
 Sample : J3840-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-4-D

Quant Time: Jul 06 06:49:58 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	8.31	152	105387	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	418392	20.00	ng	0.00
38) Acenaphthene-d10	14.93	164	240676	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	545781	20.00	ng	0.00
75) Chrysene-d12	21.76	240	569793	20.00	ng	0.00
86) Perylene-d12	24.17	264	519912	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	849502	138.24	ng	0.00
7) Phenol-d6	7.46	99	966548	114.89	ng	0.00
23) Nitrobenzene-d5	9.50	82	868141	101.24	ng	0.00
41) 2,4,6-Tribromophenol	16.42	330	538318	171.18	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	1895321	97.77	ng	0.00
78) Terphenyl-d14	20.22	244	3554008	115.69	ng	0.00

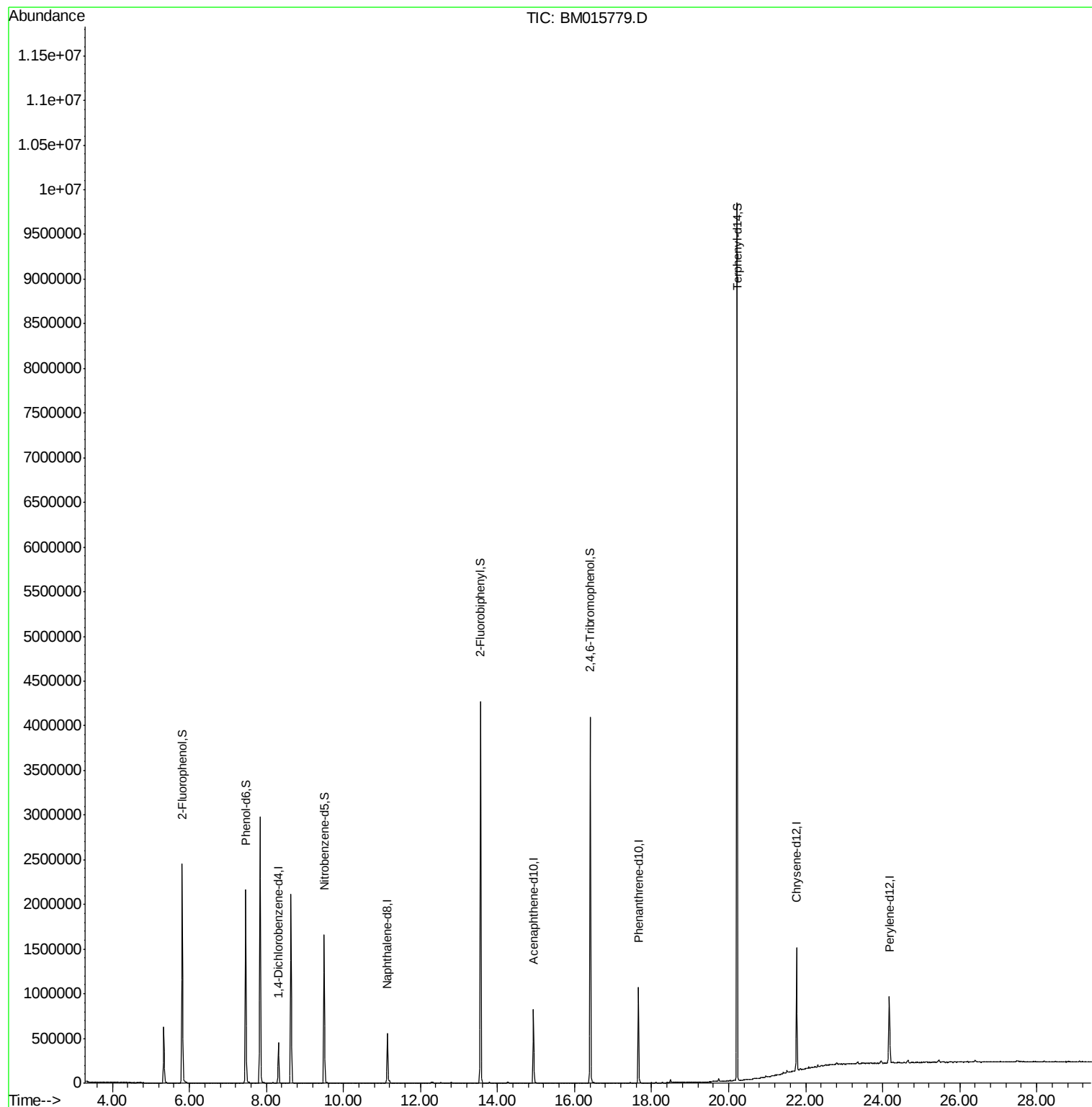
Target Compounds Qvalue

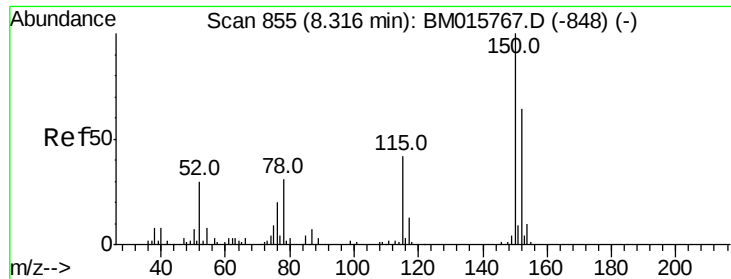
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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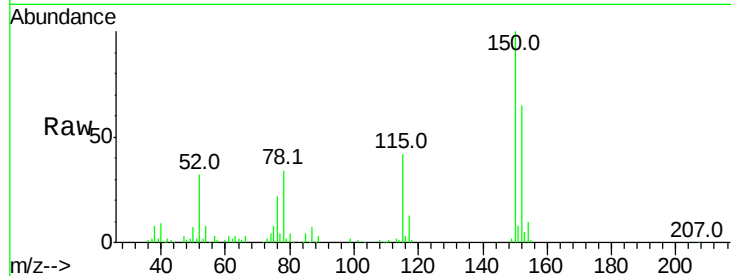


#1

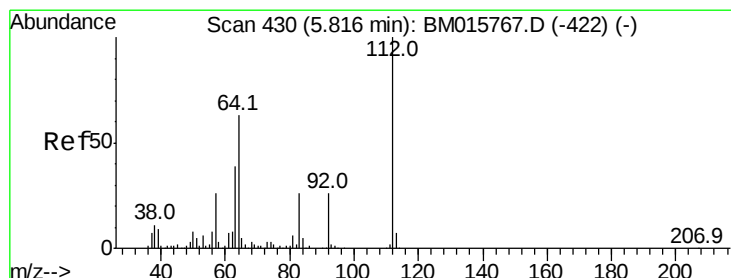
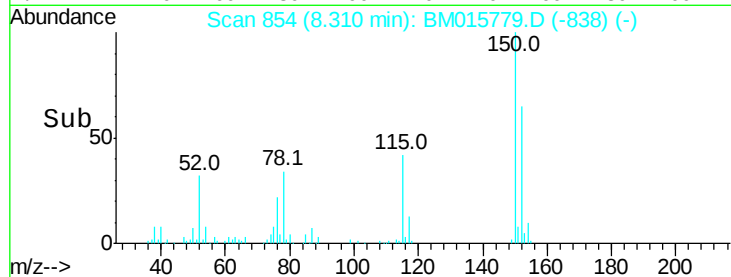
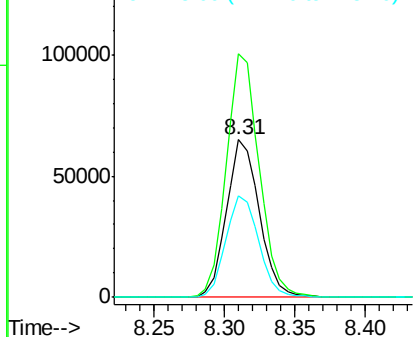
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.31 min Scan# 854
Delta R.T. -0.01 min
Lab File: BM015779.D
Acq: 05 Jul 2018 22:23

Instrument :
BNA_M
ClientSampled :
TP-4-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	119.5	179.3
115	64.8	43.0	64.4



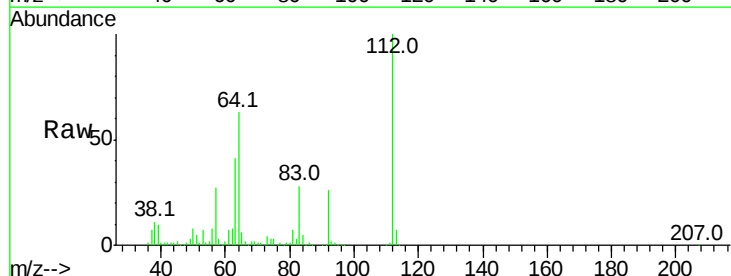
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



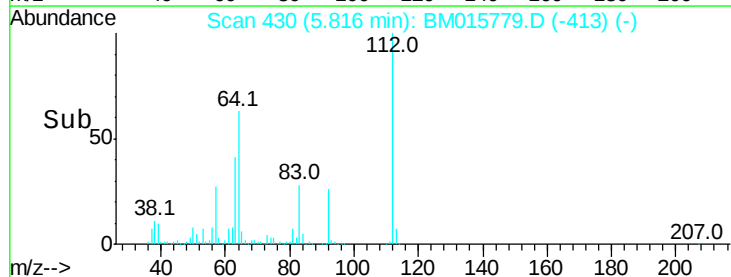
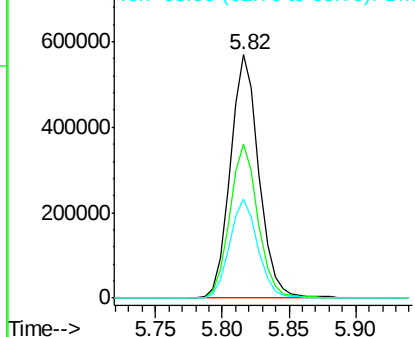
#5

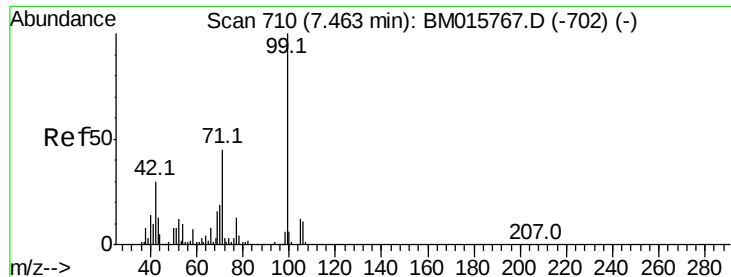
2-Fluorophenol
Concen: Below ng
RT: 5.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BM015779.D
Acq: 05 Jul 2018 22:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	38.6	57.8
63	40.5	19.3	28.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: N.D. ng

RT: 7.46 min Scan# 710

Delta R.T. -0.00 min

Lab File: BM015779.D

Acq: 05 Jul 2018 22:23

Instrument :

BNA_M

ClientSampleId :

TP-4-D

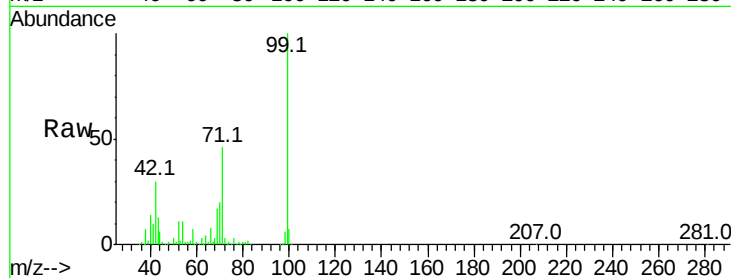
Tot Ion: 99 Resp: 966548

Ion Ratio Lower Upper

99 100

42 30.3 11.0 16.4#

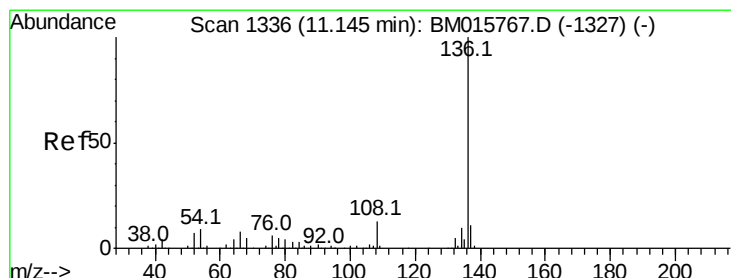
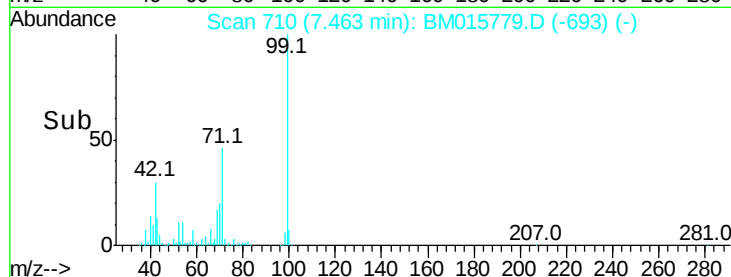
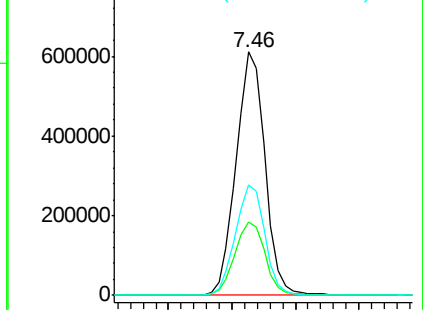
71 45.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015779.D (-693) (-)

Ion 42.00 (41.70 to 42.70): BM015779.D (-693) (-)

Ion 71.00 (70.70 to 71.70): BM015779.D (-693) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.14 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BM015779.D

Acq: 05 Jul 2018 22:23

Tgt Ion: 136 Resp: 418392

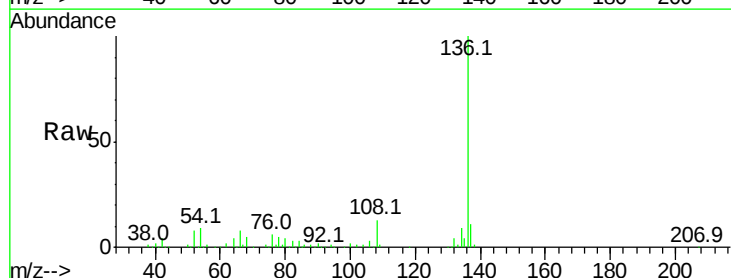
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.1 4.6 6.8#

68 4.8 3.7 5.5

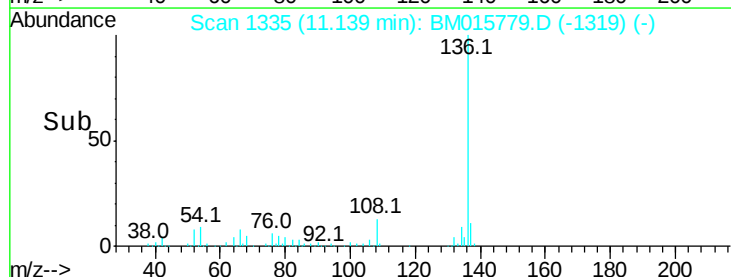
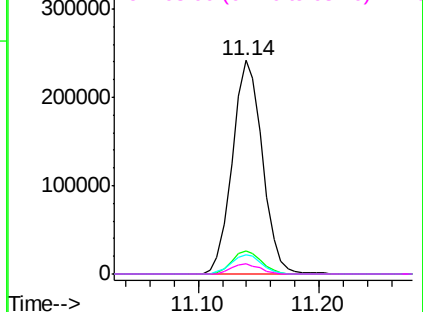


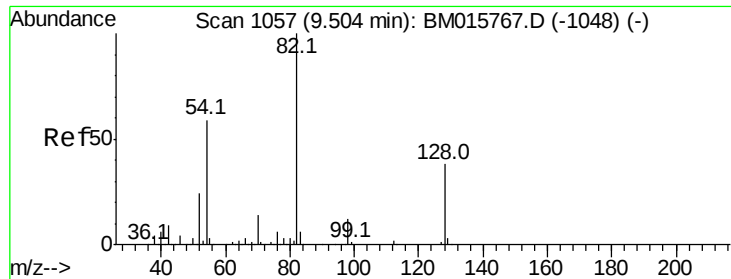
Abundance Ion 136.00 (135.70 to 136.70): BM015779.D (-1319) (-)

Ion 137.00 (136.70 to 137.70): BM015779.D (-1319) (-)

Ion 54.00 (53.70 to 54.70): BM015779.D (-1319) (-)

Ion 68.00 (67.70 to 68.70): BM015779.D (-1319) (-)

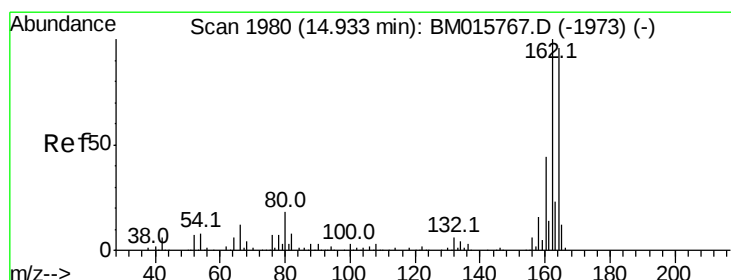
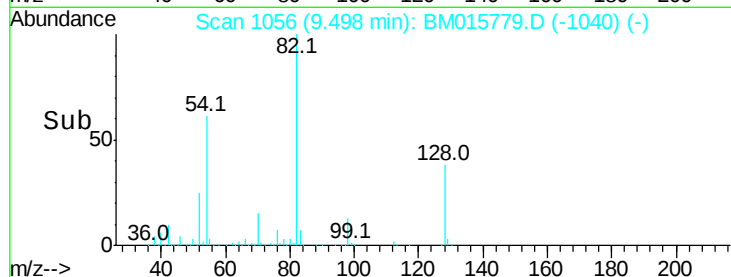
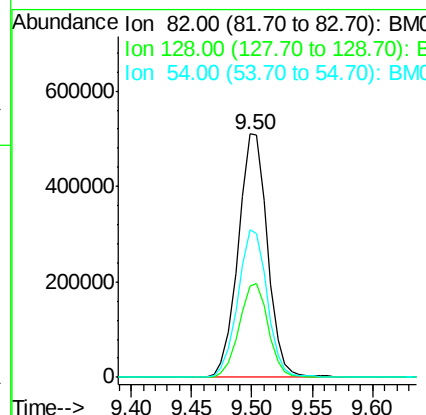
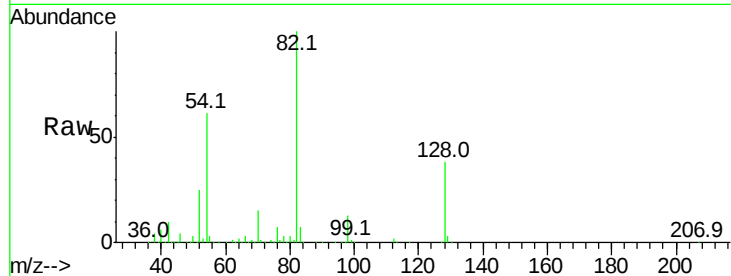




#23
 Nitrobenzene-d5
 Concen: Below na
 RT: 9.50 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BM015779.D
 Acq: 05 Jul 2018 22:23

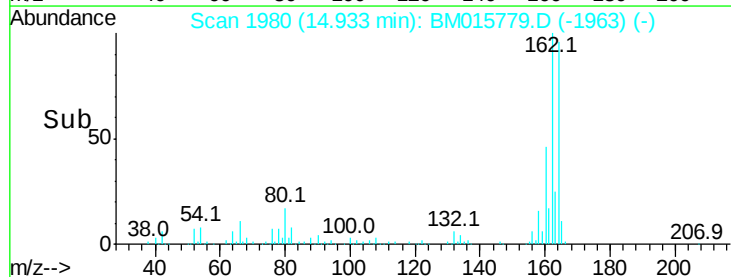
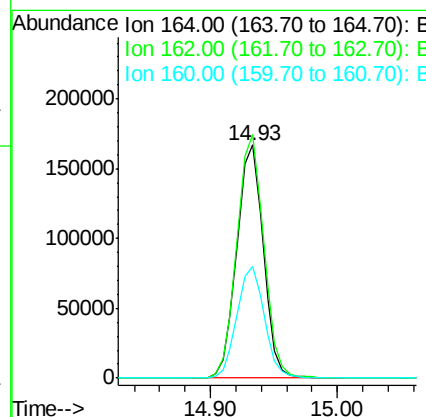
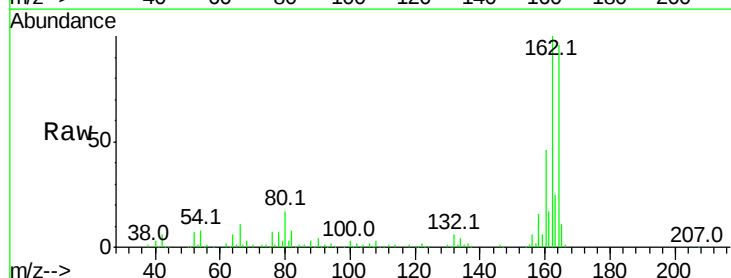
Instrument :
 BNA_M
 ClientSampleId :
 TP-4-D

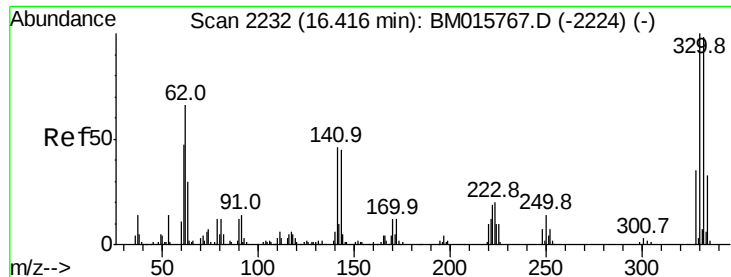
Tot Ion	82	Resp	868141
Ion Ratio	Lower	Upper	
82	100		
128	37.5	32.8	49.2
54	60.8	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.93 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BM015779.D
 Acq: 05 Jul 2018 22:23

Tgt Ion	164	Resp	240676
Ion Ratio	Lower	Upper	
164	100		
162	104.6	82.4	123.6
160	47.8	35.8	53.6

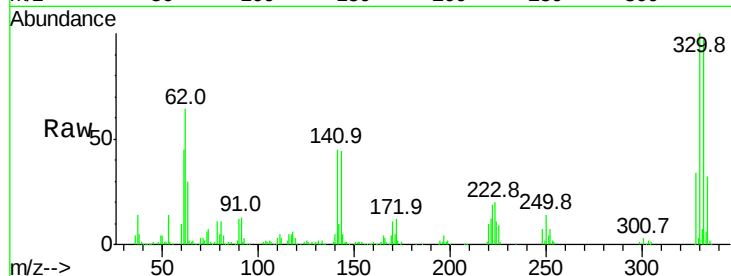




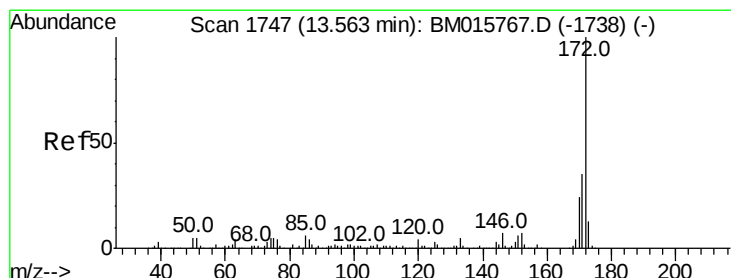
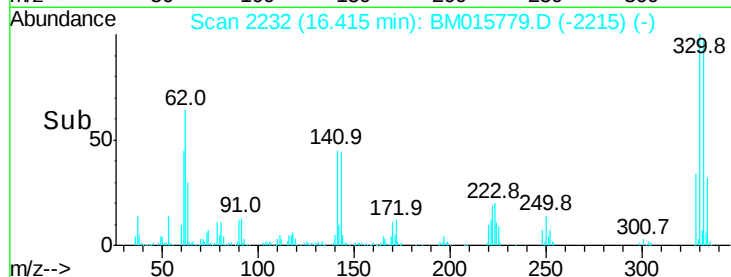
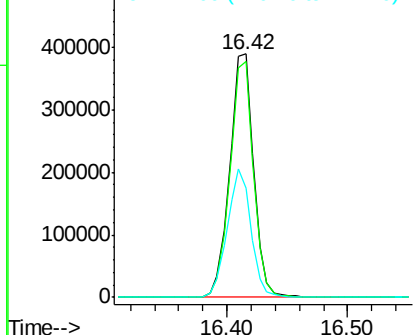
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.42 min Scan# 2232
 Delta R.T. -0.00 min
 Lab File: BM015779.D
 Acq: 05 Jul 2018 22:23

Instrument :
 BNA_M
 ClientSampleID :
 TP-4-D

Tot Ion:330 Resp: 538318
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 52.3 0.0 0.0#

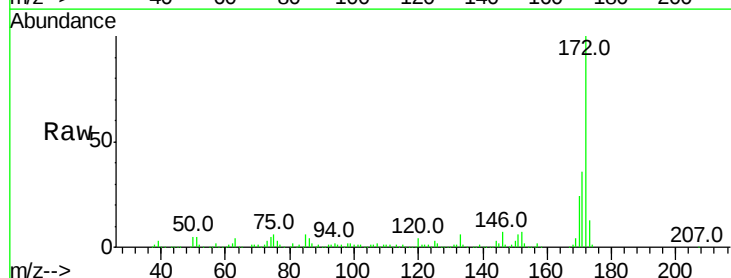


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

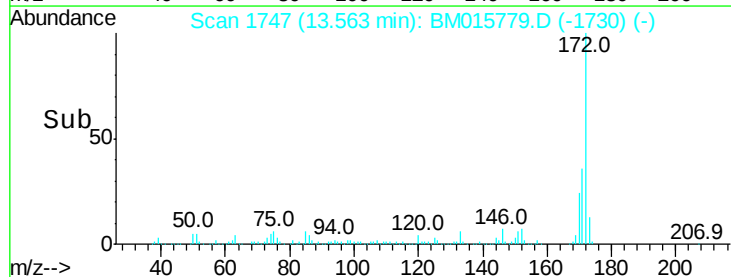
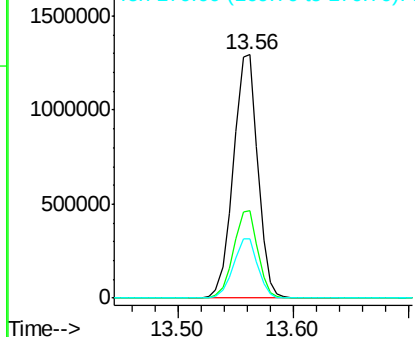


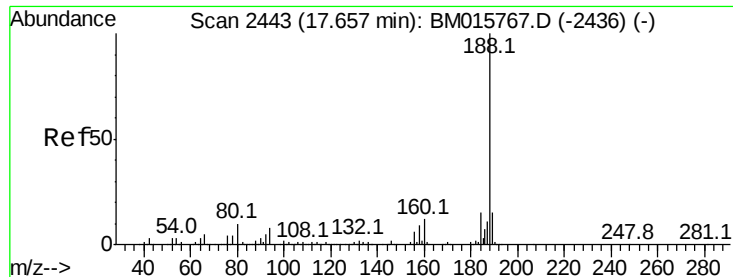
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.56 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BM015779.D
 Acq: 05 Jul 2018 22:23

Tgt Ion:172 Resp: 1895321
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.5 42.7
 170 24.5 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

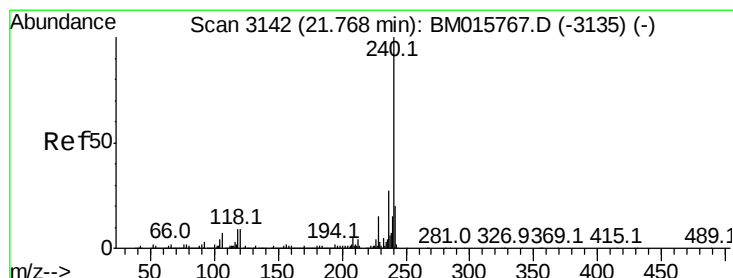
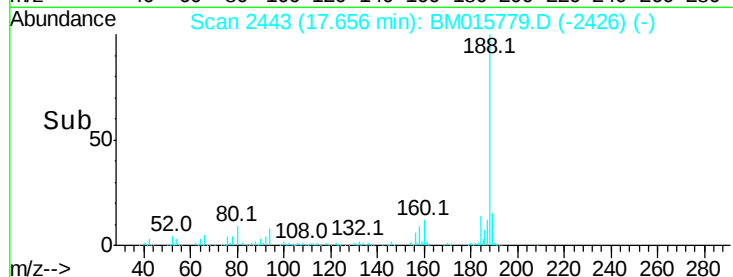
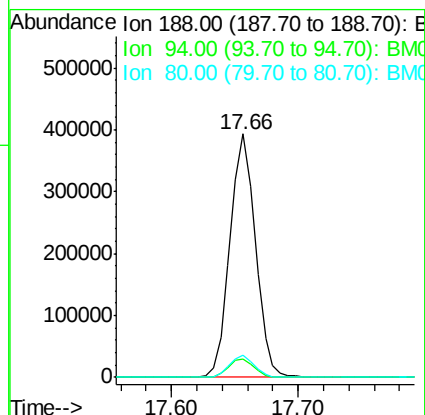
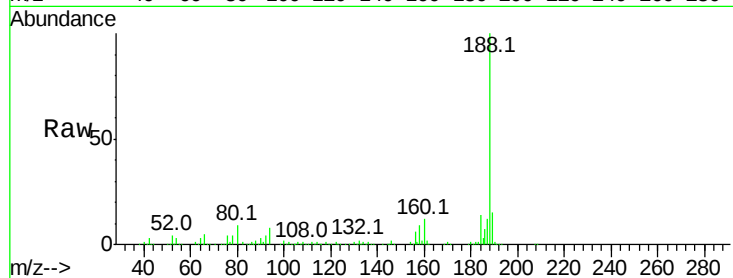




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BM015779.D
Acq: 05 Jul 2018 22:23

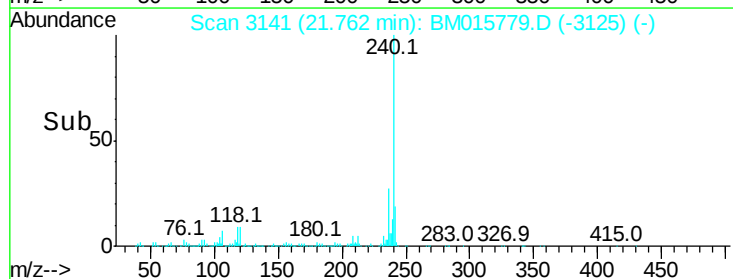
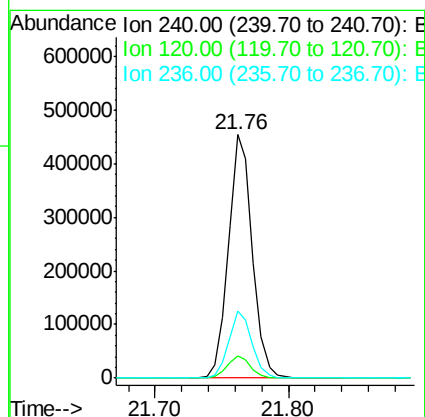
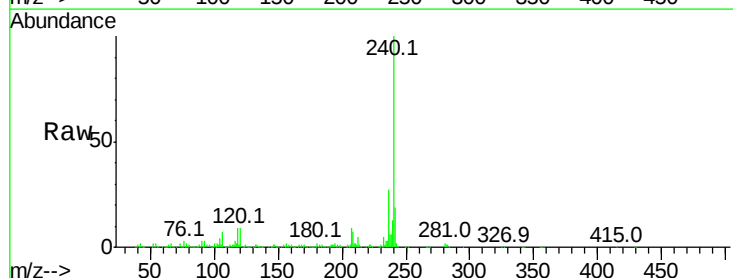
Instrument :
BNA_M
ClientSampled :
TP-4-D

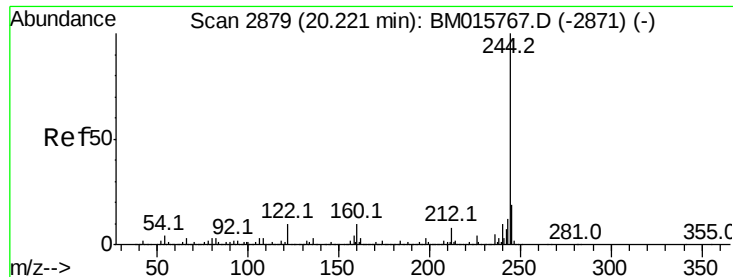
Tot Ion:188 Resp: 545781
Ion Ratio Lower Upper
188 100
94 7.6 8.7 13.1#
80 9.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BM015779.D
Acq: 05 Jul 2018 22:23

Tgt Ion:240 Resp: 569793
Ion Ratio Lower Upper
240 100
120 9.1 8.2 12.2
236 27.3 20.0 30.0





#78

Terphenyl-d14

Concen: Below na

RT: 20.22 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BM015779.D

Acq: 05 Jul 2018 22:23

Instrument :

BNA_M

ClientSampleId :

TP-4-D

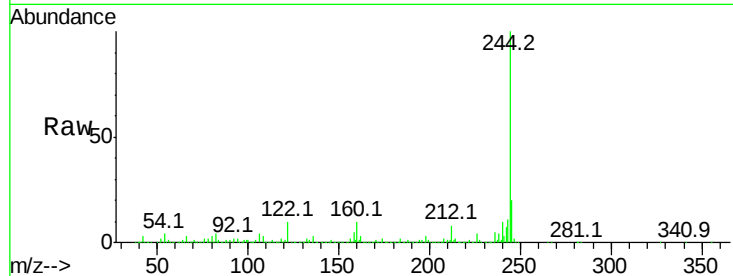
Tot Ion:244 Resp: 3554008

Ion Ratio Lower Upper

244 100

212 8.2 4.9 7.3#

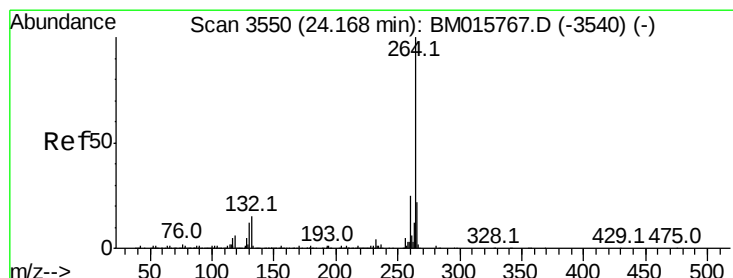
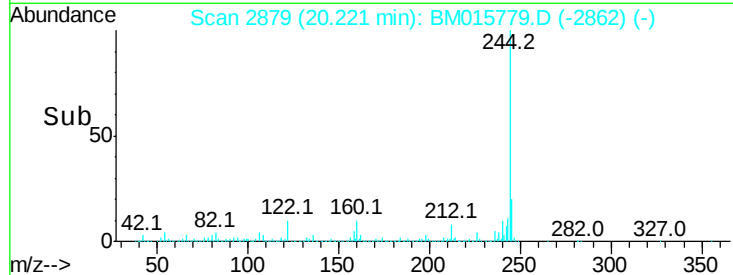
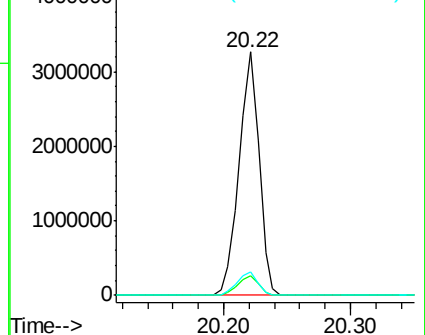
122 9.9 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.17 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BM015779.D

Acq: 05 Jul 2018 22:23

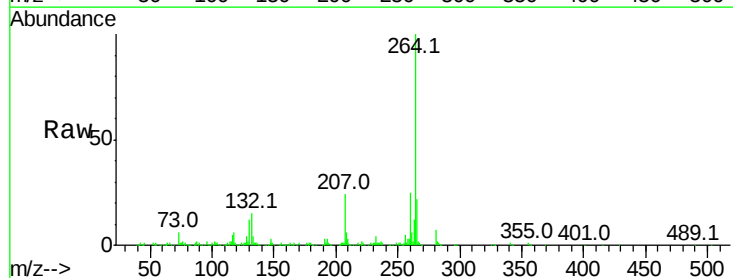
Tgt Ion:264 Resp: 519912

Ion Ratio Lower Upper

264 100

260 24.8 18.6 27.8

265 21.9 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

