

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041619\
 Data File : BM019926.D
 Acq On : 16 Apr 2019 10:32
 Operator : JU/SJ
 Sample : PB118303BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB118303BL

Quant Time: Apr 17 02:58:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	123844	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	454509	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	270684	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	563813	20.00	ng	0.00
76) Chrysene-d12	21.18	240	483182	20.00	ng	0.00
87) Perylene-d12	23.37	264	474341	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	955416	125.03	ng	0.00
7) Phenol-d6	6.72	99	1295442	112.64	ng	0.00
23) Nitrobenzene-d5	8.70	82	772456	76.01	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	460499	105.69	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	1639619	75.49	ng	0.00
79) Terphenyl-d14	19.60	244	2204553	80.48	ng	0.00

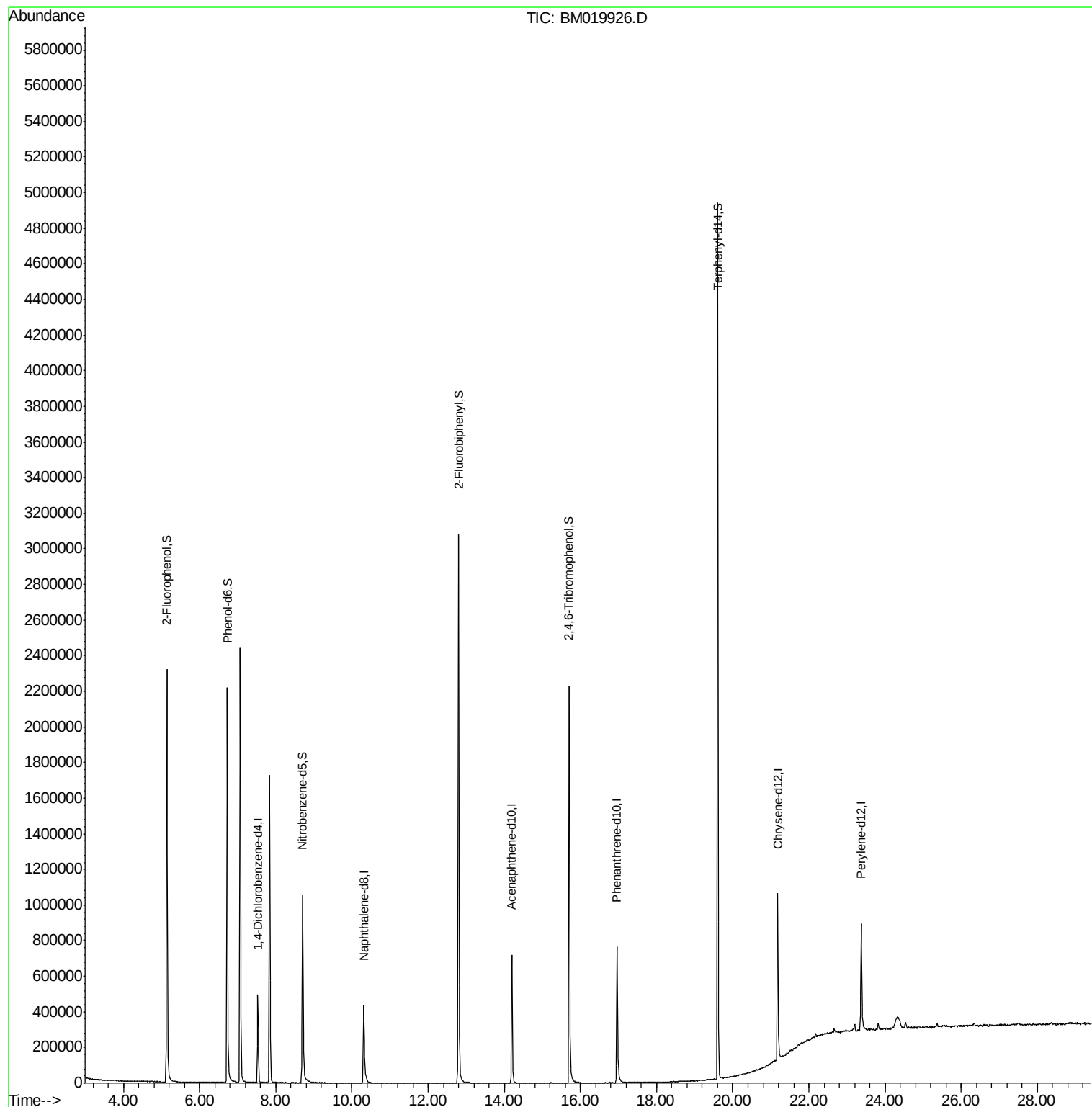
Target Compounds	Qvalue
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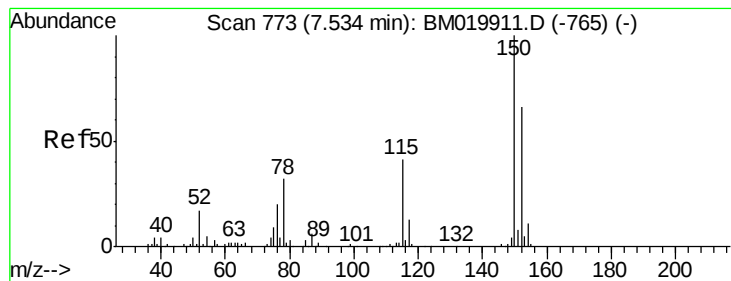
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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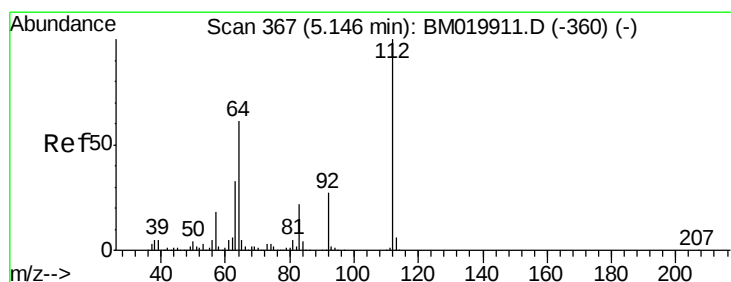
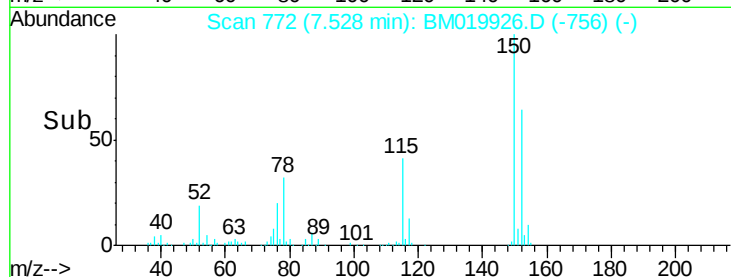
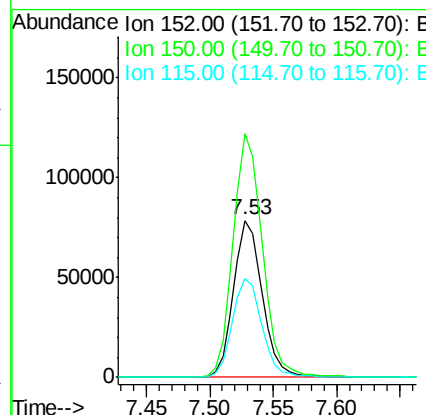
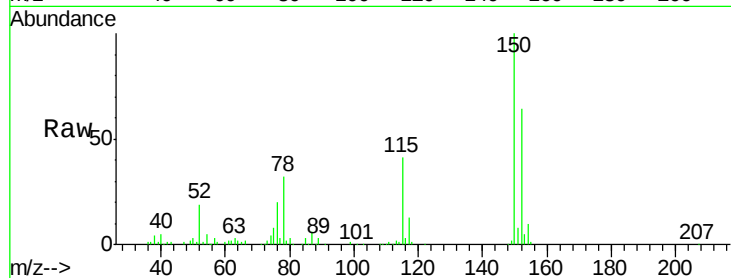


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 772
Delta R.T. -0.01 min
Lab File: BM019926.D
Acq: 16 Apr 2019 10:32

Instrument :
BNA_M
ClientSampleId :
PB118303BL

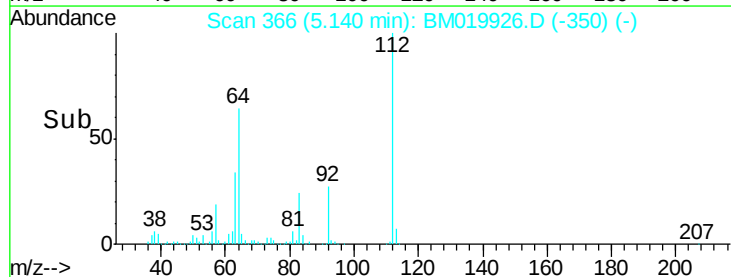
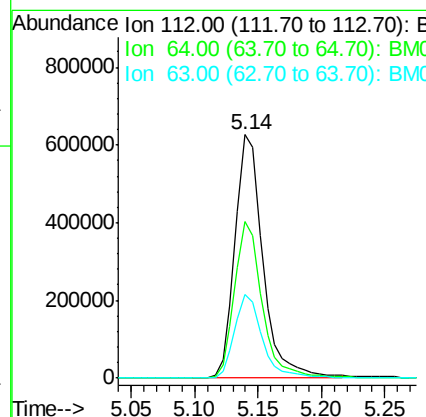
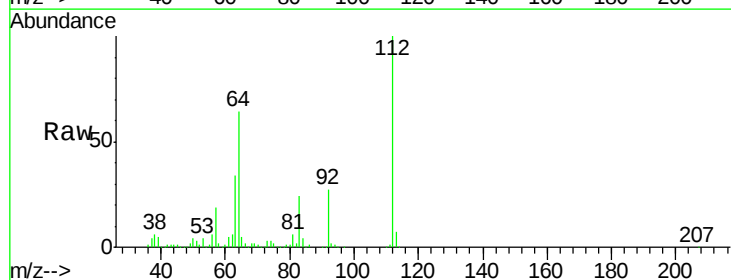
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.3	122.1	183.1
115	63.4	50.0	75.0

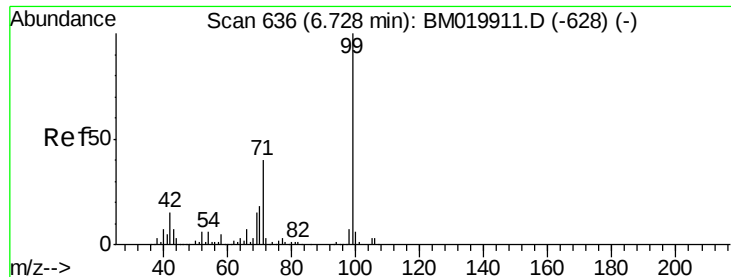


#5

2-Fluorophenol
Concen: 125.028 ng
RT: 5.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: BM019926.D
Acq: 16 Apr 2019 10:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	49.1	73.7
63	34.4	26.5	39.7





#7

Phenol-d6

Concen: 112.642 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM019926.D

Acq: 16 Apr 2019 10:32

Instrument :

BNA_M

ClientSampleId :

PB118303BL

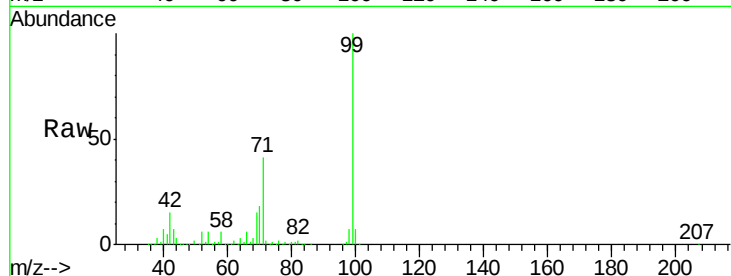
Tgt Ion: 99 Resp: 1295442

Ion Ratio Lower Upper

99 100

42 15.0 11.8 17.8

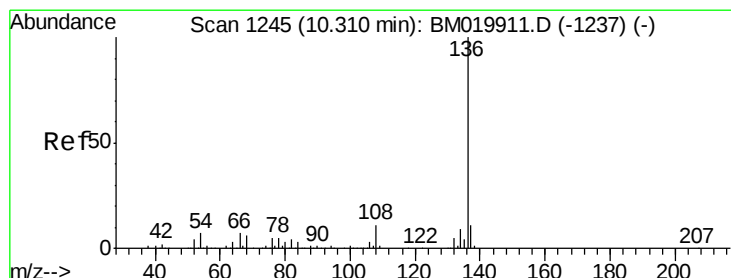
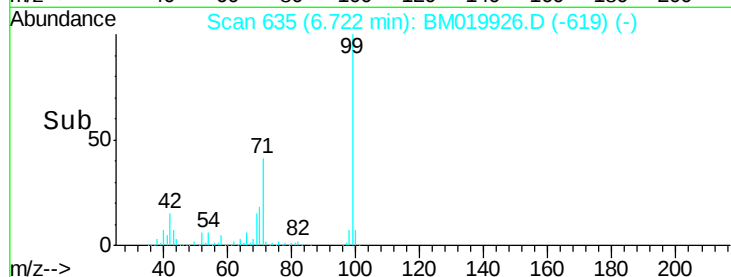
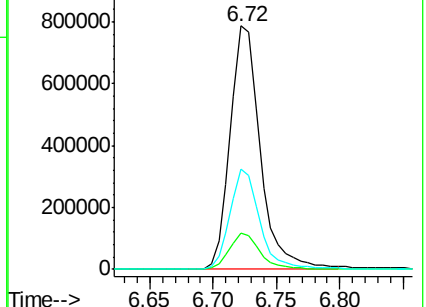
71 41.0 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019911.D (-628) (-)

Ion 42.00 (41.70 to 42.70): BM019911.D (-628) (-)

Ion 71.00 (70.70 to 71.70): BM019911.D (-628) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BM019926.D

Acq: 16 Apr 2019 10:32

Tgt Ion: 136 Resp: 454509

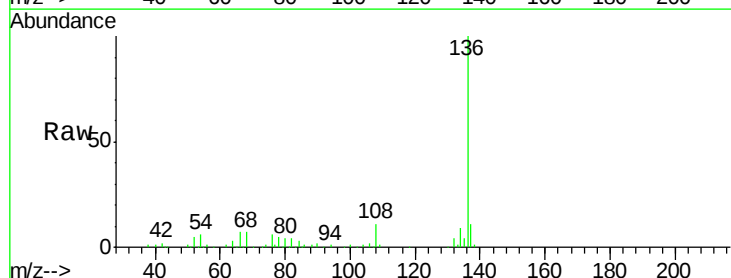
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 6.5 5.3 7.9

68 6.9 5.2 7.8

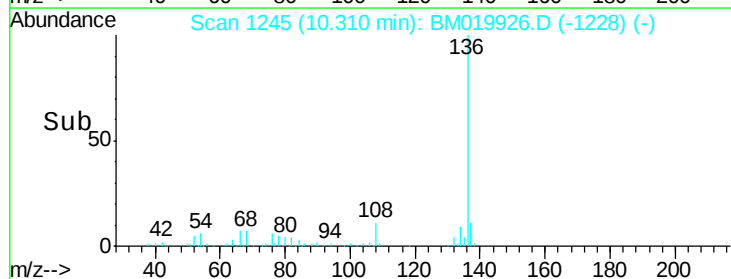
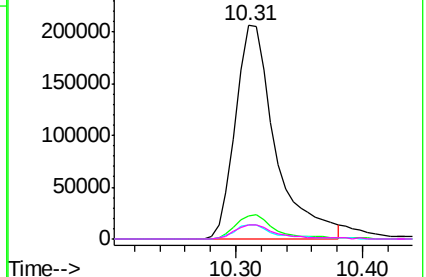


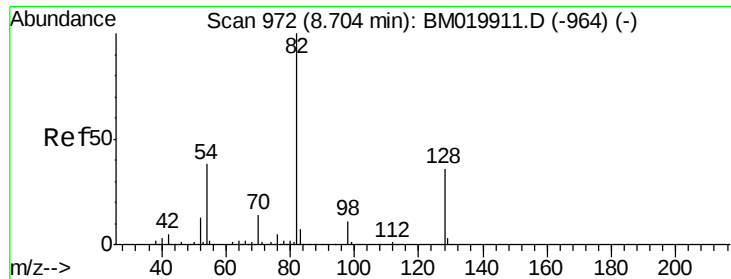
Abundance Ion 136.00 (135.70 to 136.70): BM019911.D (-1237) (-)

Ion 137.00 (136.70 to 137.70): BM019911.D (-1237) (-)

Ion 54.00 (53.70 to 54.70): BM019911.D (-1237) (-)

Ion 68.00 (67.70 to 68.70): BM019911.D (-1237) (-)

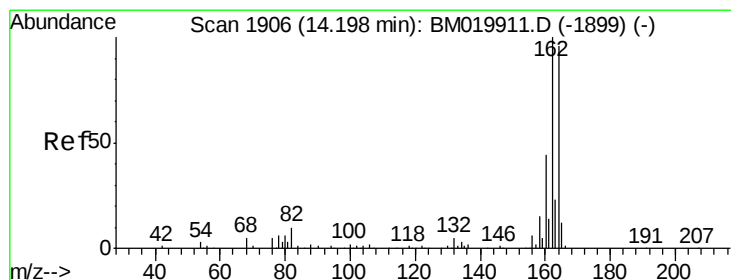
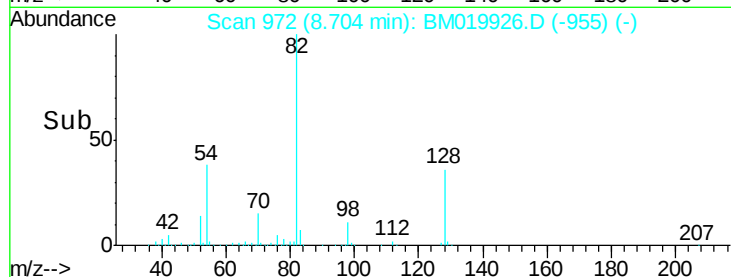
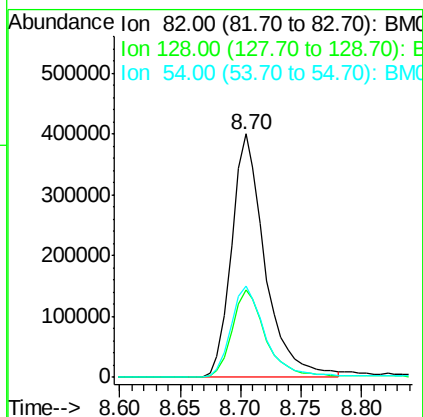
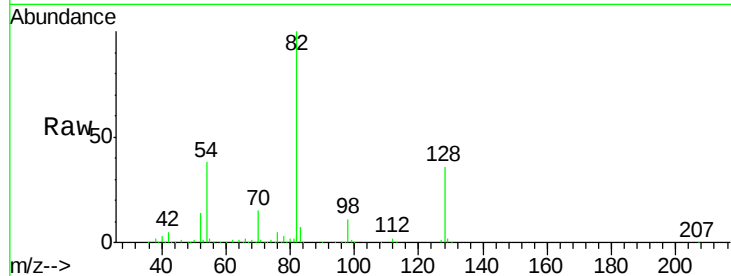




#23
 Nitrobenzene-d5
 Concen: 76.005 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BM019926.D
 Acq: 16 Apr 2019 10:32

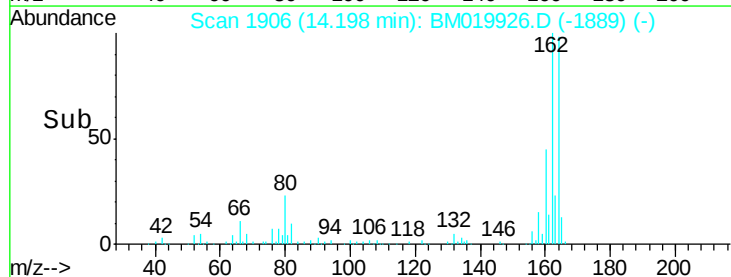
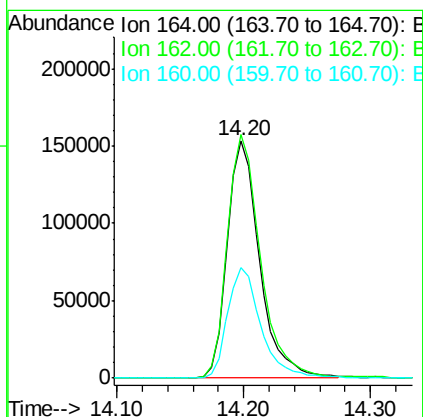
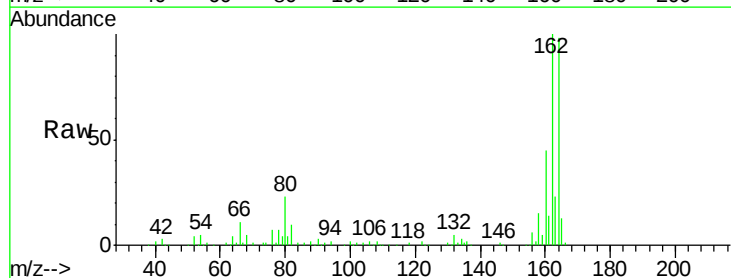
Instrument :
 BNA_M
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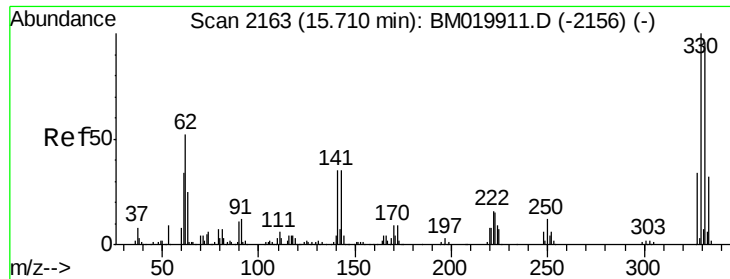
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.0	43.4
54	37.5	30.2	45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.20 min Scan# 1906
 Delta R.T. -0.00 min
 Lab File: BM019926.D
 Acq: 16 Apr 2019 10:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.0	124.4
160	46.5	36.6	55.0

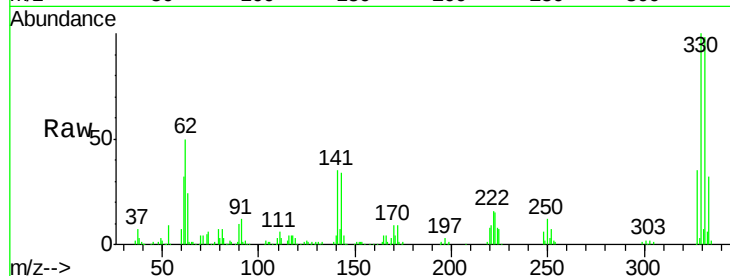




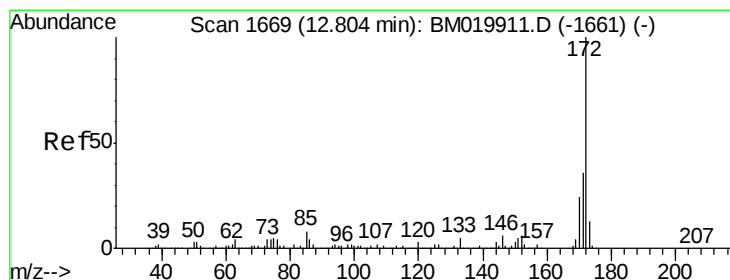
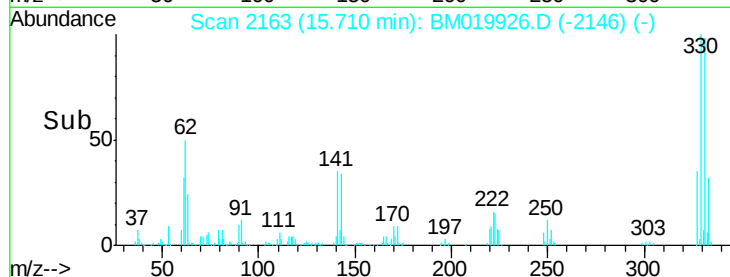
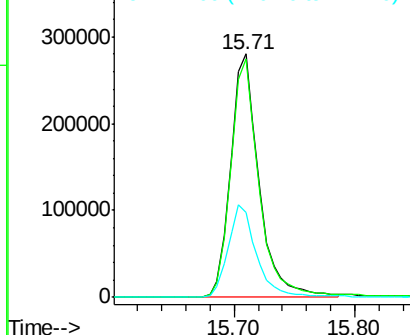
#42
 2,4,6-Tribromophenol
 Concen: 105.685 ng
 RT: 15.71 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BM019926.D
 Acq: 16 Apr 2019 10:32

Instrument :
 BNA_M
 ClientSampleId :
 PB118303BL

Tgt Ion:330 Resp: 460499
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 37.9 29.0 43.4

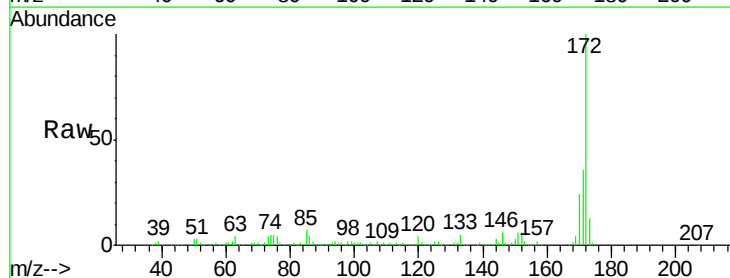


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

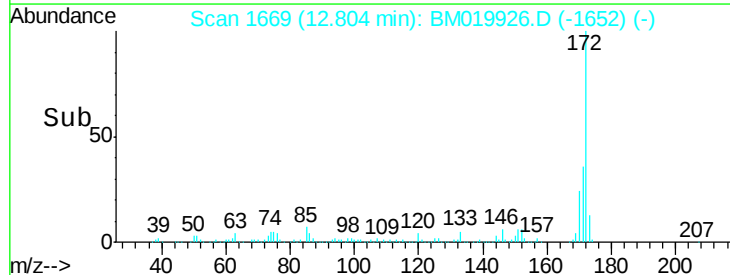
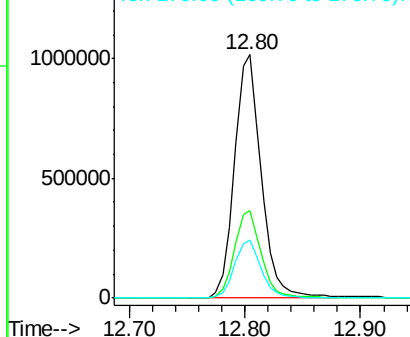


#45
 2-Fluorobiphenyl
 Concen: 75.488 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BM019926.D
 Acq: 16 Apr 2019 10:32

Tgt Ion:172 Resp: 1639619
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 23.6 19.0 28.4



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.96 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BM019926.D

Acq: 16 Apr 2019 10:32

Instrument :

BNA_M

ClientSampleId :

PB118303BL

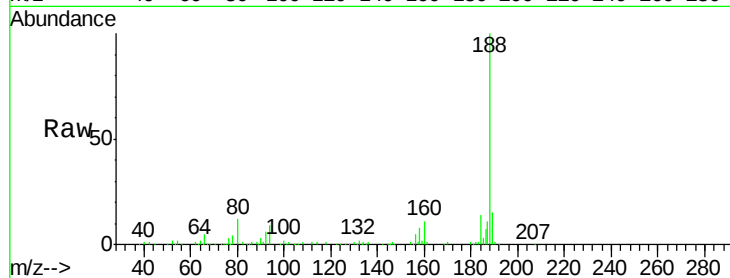
Tgt Ion:188 Resp: 563813

Ion Ratio Lower Upper

188 100

94 9.5 7.6 11.4

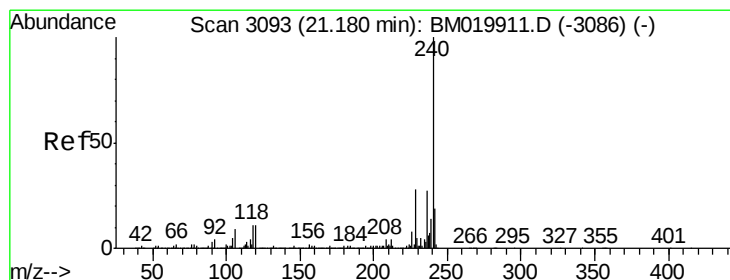
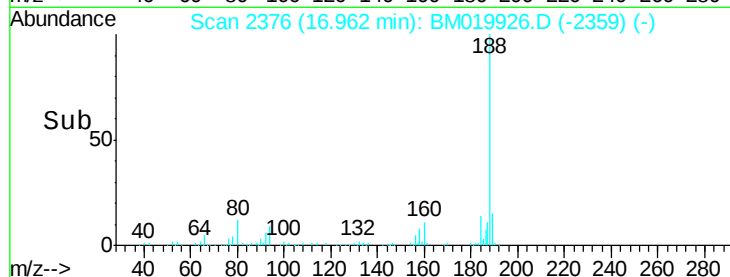
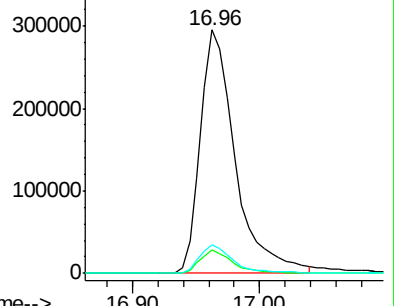
80 11.7 9.4 14.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BM019926.D

Acq: 16 Apr 2019 10:32

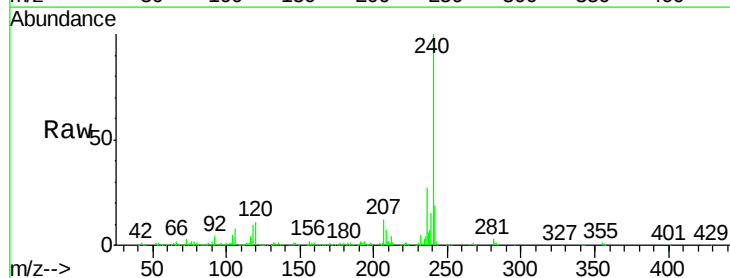
Tgt Ion:240 Resp: 483182

Ion Ratio Lower Upper

240 100

120 10.6 8.6 13.0

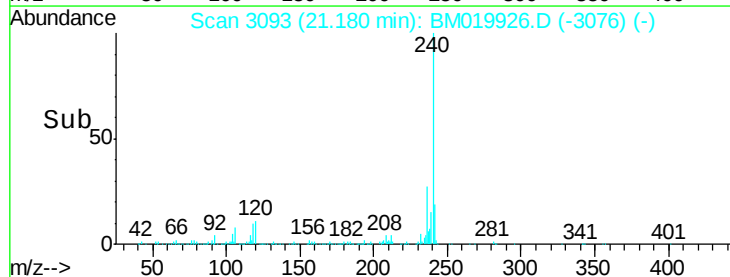
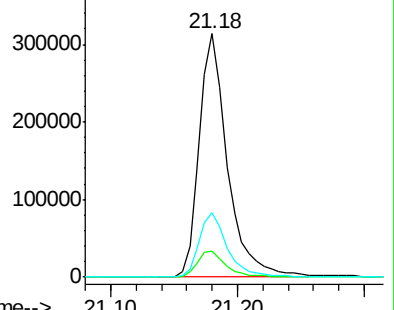
236 26.5 21.4 32.2

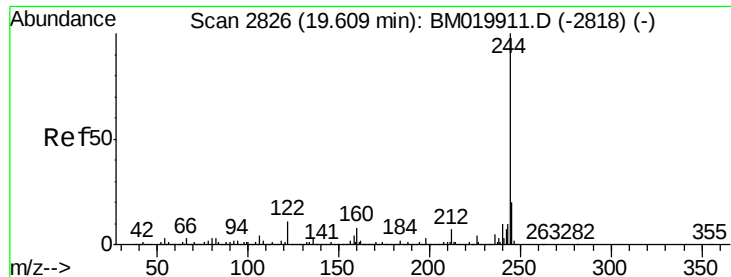


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.476 ng

RT: 19.60 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM019926.D

Acq: 16 Apr 2019 10:32

Instrument :

BNA_M

ClientSampleId :

PB118303BL

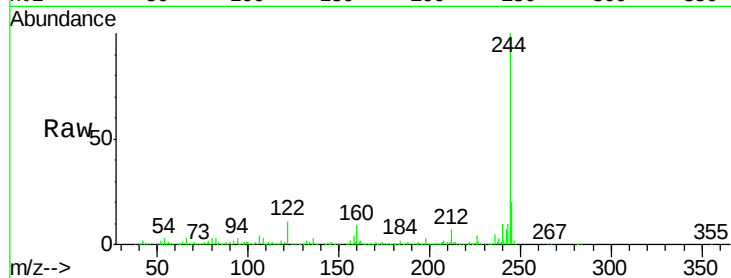
Tgt Ion:244 Resp: 2204553

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

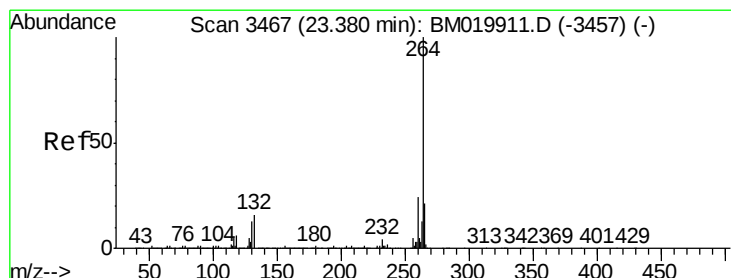
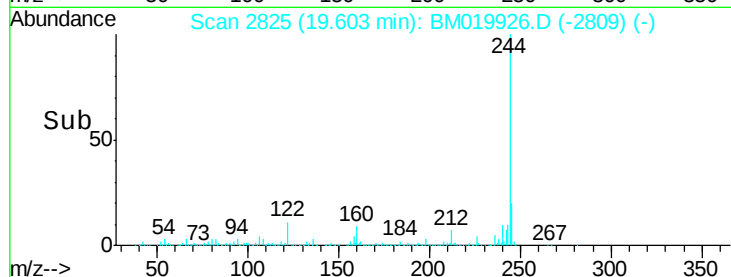
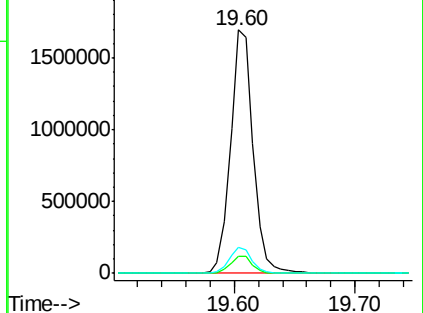
122 10.9 9.1 13.7



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.37 min Scan# 3466

Delta R.T. -0.01 min

Lab File: BM019926.D

Acq: 16 Apr 2019 10:32

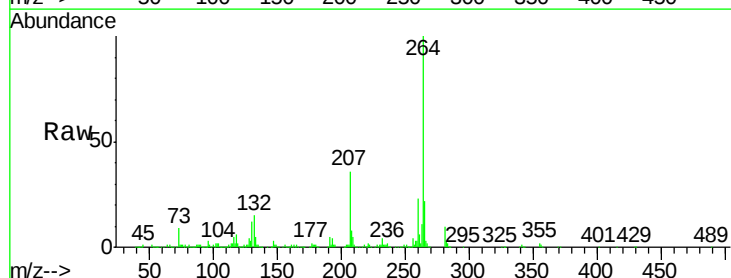
Tgt Ion:264 Resp: 474341

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 22.5 17.2 25.8



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

