

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041519\
 Data File : BM019920.D
 Acq On : 15 Apr 2019 19:11
 Operator : JU/SJ
 Sample : PB118232BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB118232BL

Quant Time: Apr 16 03:34:34 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	115482	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	427334	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	248544	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	523132	20.00	ng	0.00
76) Chrysene-d12	21.18	240	442816	20.00	ng	0.00
87) Perylene-d12	23.38	264	427194	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	886661	124.43	ng	0.00
7) Phenol-d6	6.73	99	1205702	112.43	ng	0.00
23) Nitrobenzene-d5	8.70	82	724097	75.78	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	425983	106.47	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	1523144	76.37	ng	0.00
79) Terphenyl-d14	19.61	244	1972095	78.55	ng	0.00

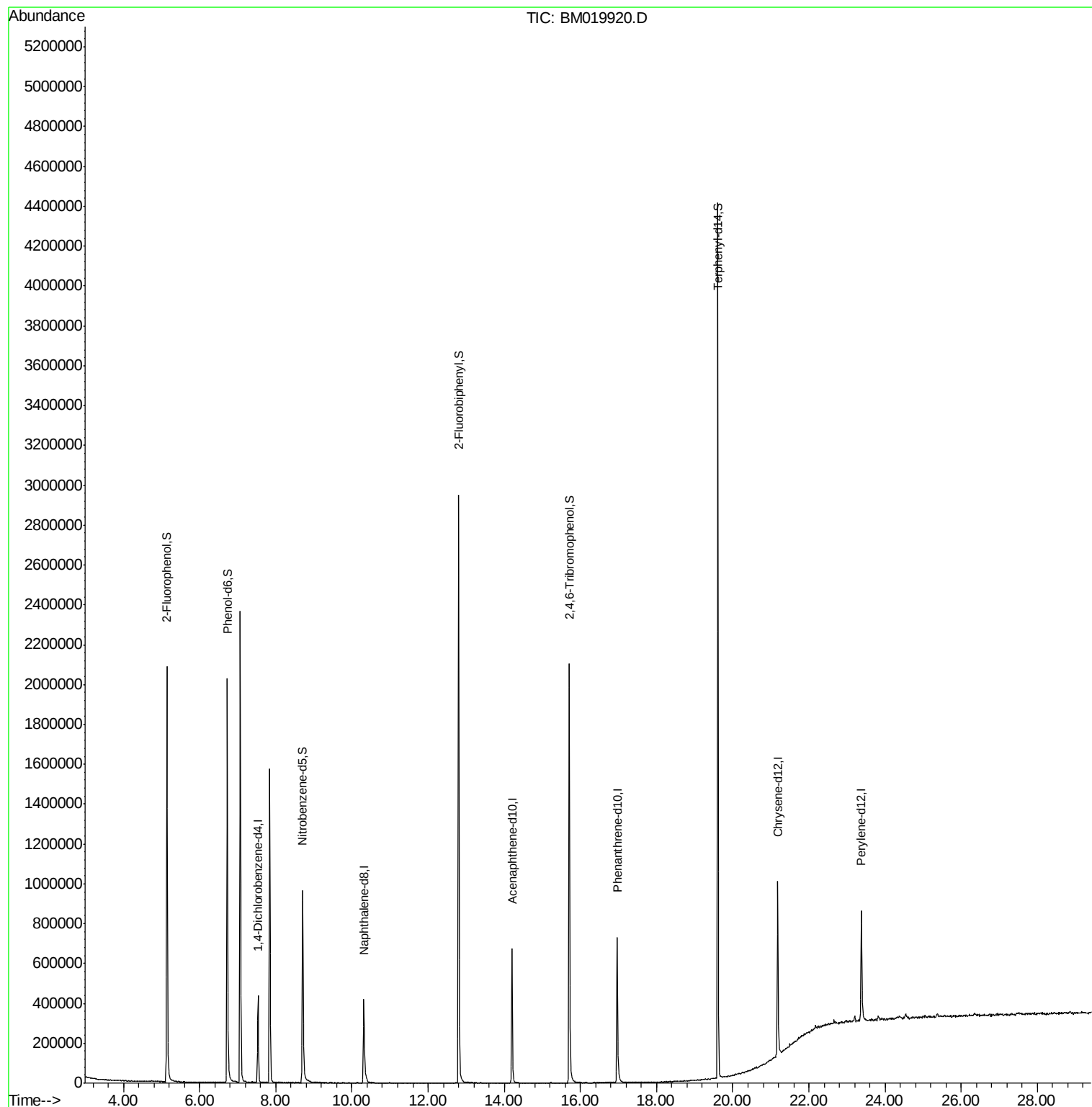
Target Compounds	Qvalue
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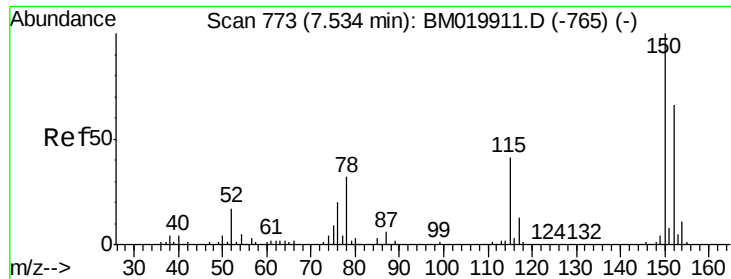
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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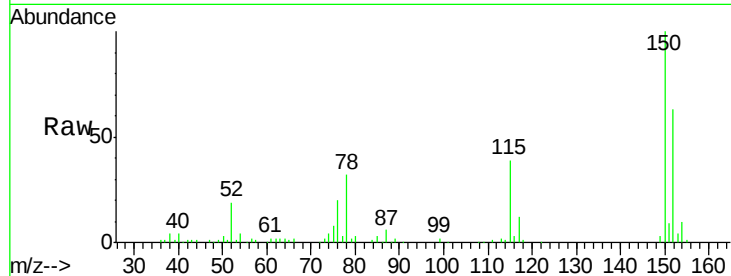


#1

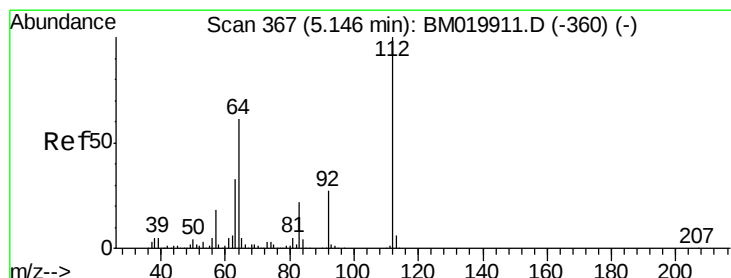
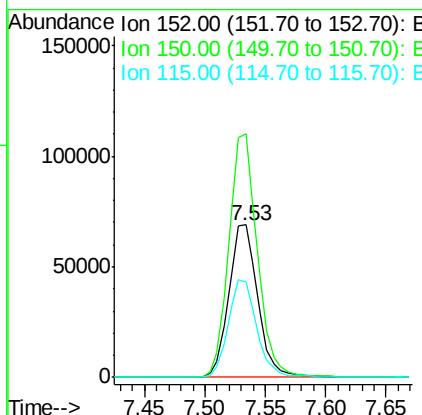
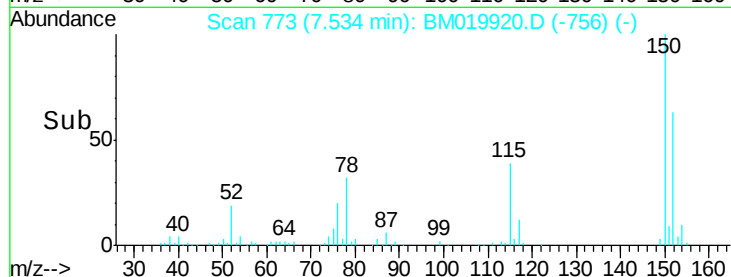
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 773
Delta R.T. -0.00 min
Lab File: BM019920.D
Acq: 15 Apr 2019 19:11

Instrument :
BNA_M
ClientSampleId :
PB118232BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.5	122.1	183.1
115	62.2	50.0	75.0



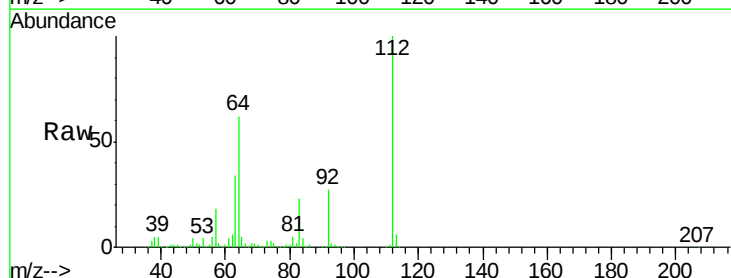
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



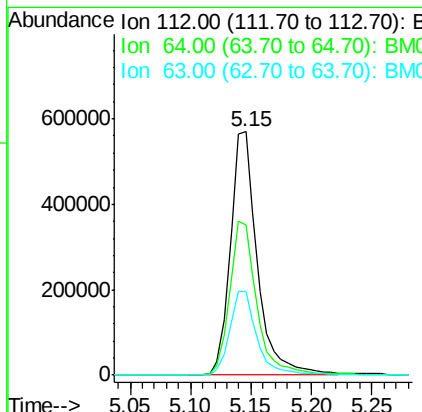
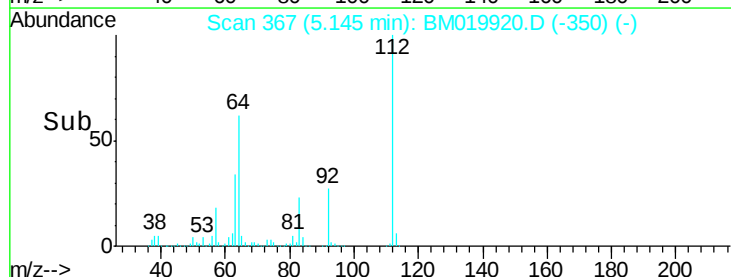
#5

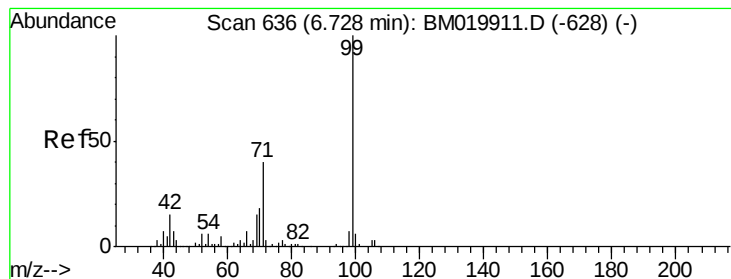
2-Fluorophenol
Concen: 124.432 ng
RT: 5.15 min Scan# 367
Delta R.T. 0.00 min
Lab File: BM019920.D
Acq: 15 Apr 2019 19:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	49.1	73.7
63	34.2	26.5	39.7



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: 112.430 ng

RT: 6.73 min Scan# 636

Delta R.T. -0.00 min

Lab File: BM019920.D

Acq: 15 Apr 2019 19:11

Instrument :

BNA_M

ClientSampleId :

PB118232BL

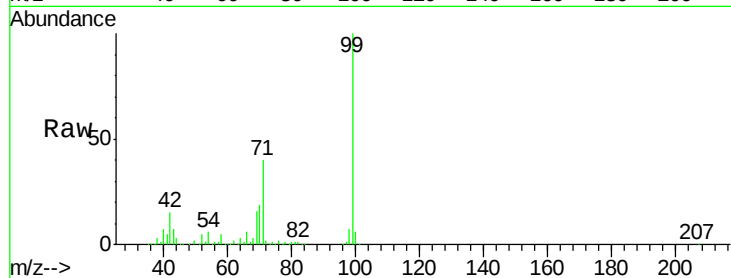
Tgt Ion: 99 Resp: 1205702

Ion Ratio Lower Upper

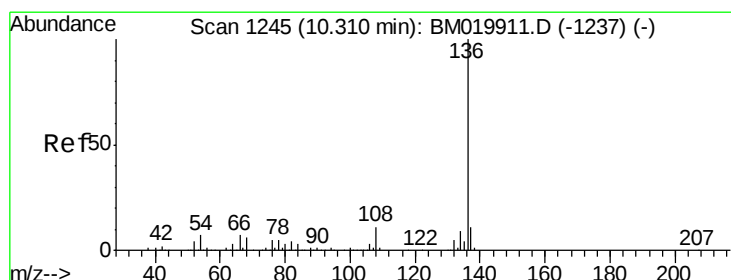
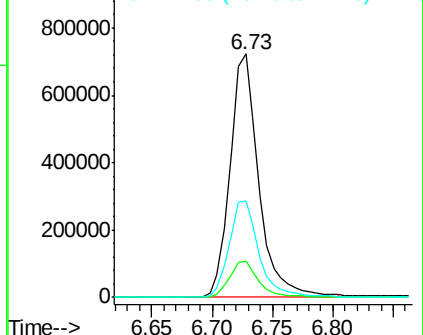
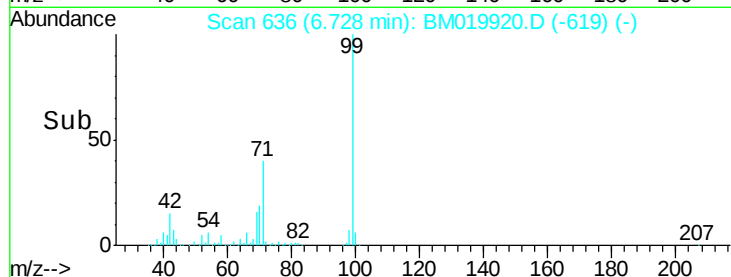
99 100

42 14.8 11.8 17.8

71 39.6 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019920.D (-619) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1246

Delta R.T. 0.01 min

Lab File: BM019920.D

Acq: 15 Apr 2019 19:11

Tgt Ion: 136 Resp: 427334

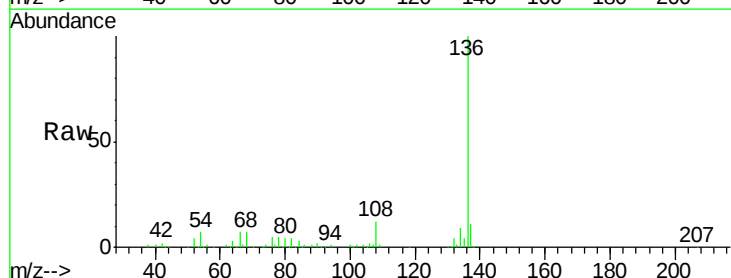
Ion Ratio Lower Upper

136 100

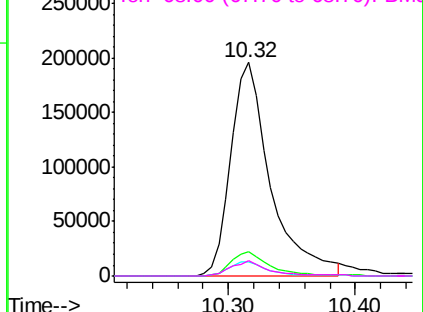
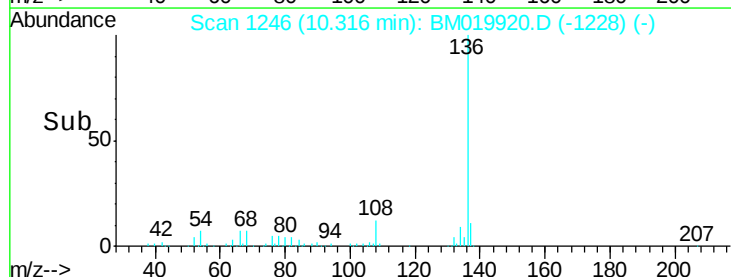
137 11.2 9.0 13.6

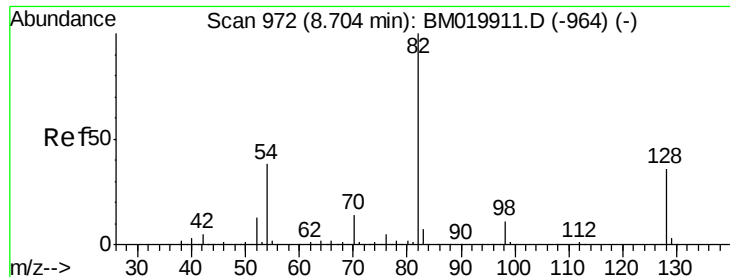
54 6.8 5.3 7.9

68 7.1 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): BM019920.D (-1228) (-)

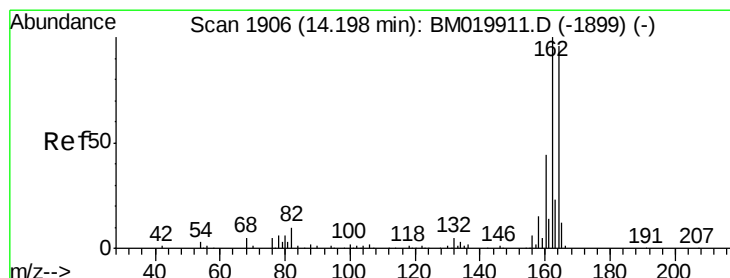
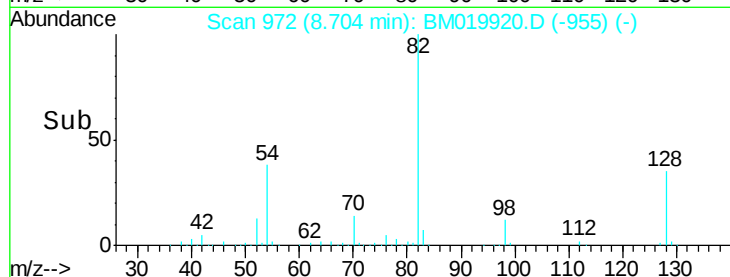
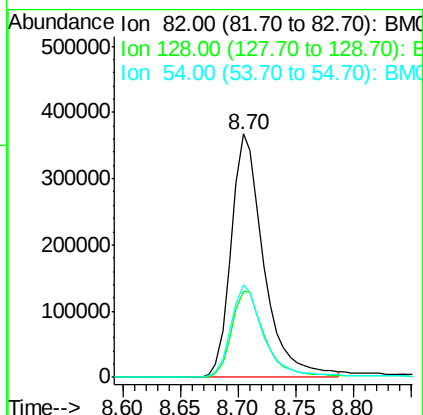
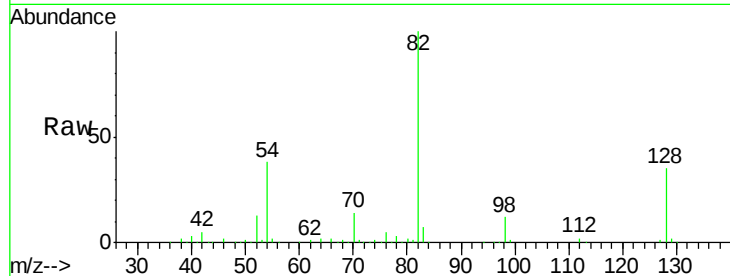




#23
 Nitrobenzene-d5
 Concen: 75.778 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BM019920.D
 Acq: 15 Apr 2019 19:11

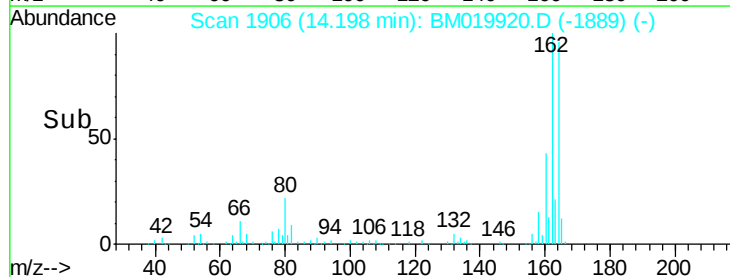
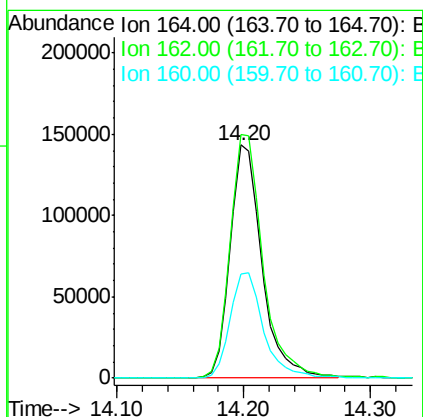
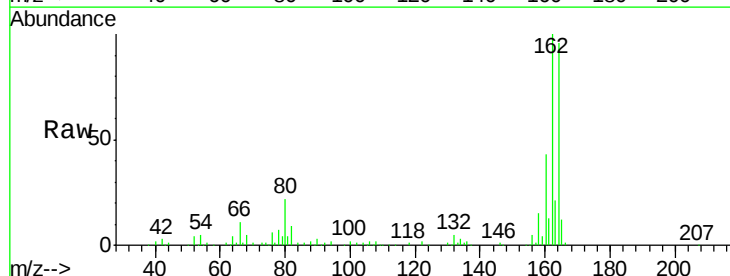
Instrument :
 BNA_M
 ClientSampleId :
 PB118232BL

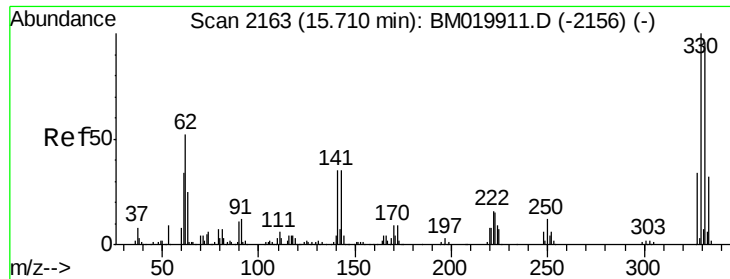
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.0	43.4
54	37.8	30.2	45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.20 min Scan# 1906
 Delta R.T. -0.00 min
 Lab File: BM019920.D
 Acq: 15 Apr 2019 19:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.0	124.4
160	44.9	36.6	55.0

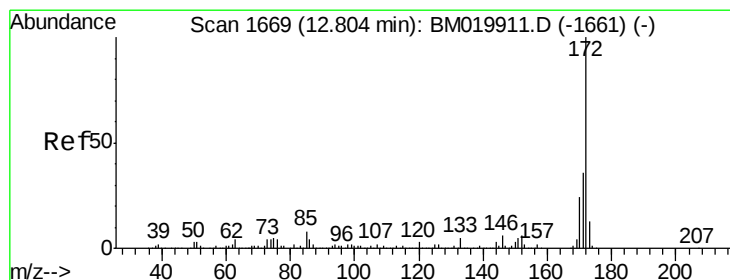
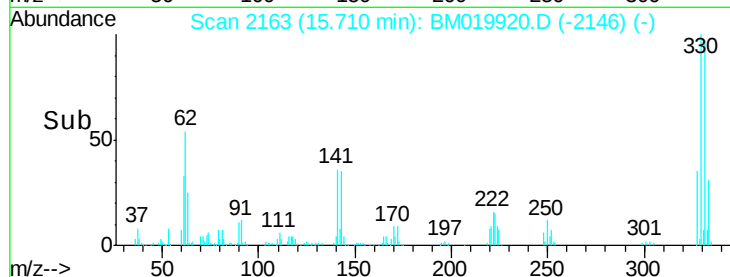
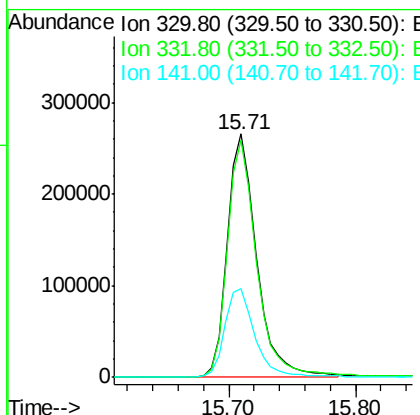
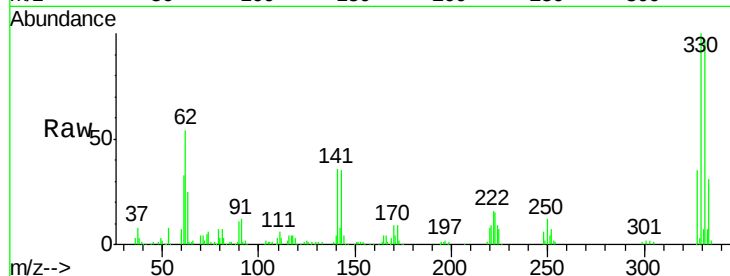




#42
 2,4,6-Tribromophenol
 Concen: 106.473 ng
 RT: 15.71 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BM019920.D
 Acq: 15 Apr 2019 19:11

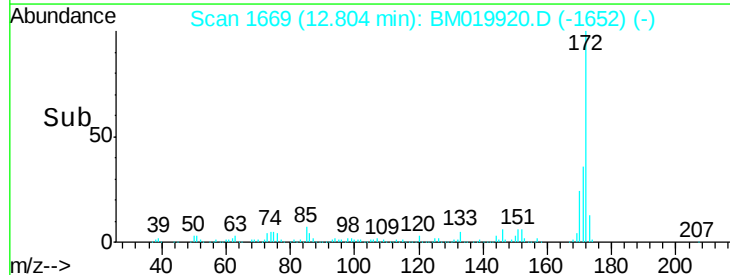
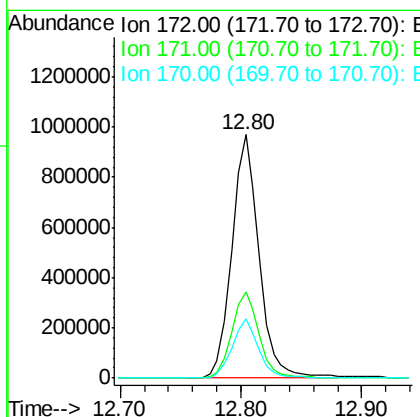
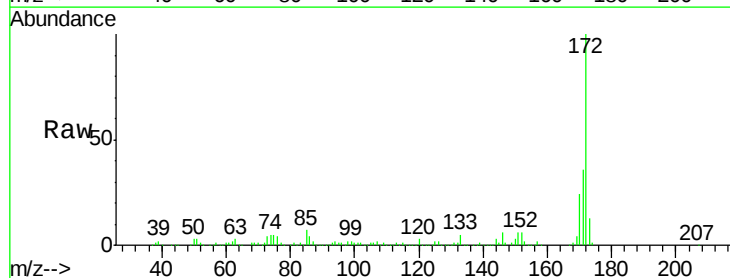
Instrument :
 BNA_M
 ClientSampleId :
 PB118232BL

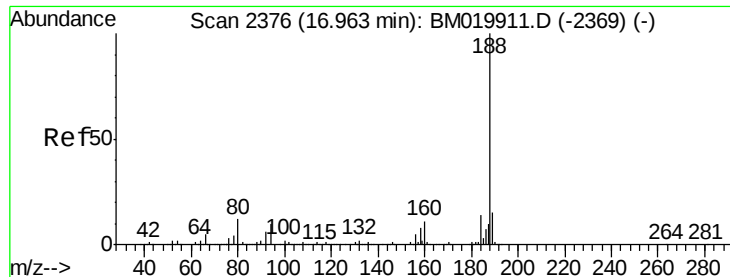
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	37.3	29.0	43.4



#45
 2-Fluorobiphenyl
 Concen: 76.372 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BM019920.D
 Acq: 15 Apr 2019 19:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	24.2	19.0	28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.97 min Scan# 2377

Delta R.T. 0.01 min

Lab File: BM019920.D

Acq: 15 Apr 2019 19:11

Instrument :

BNA_M

ClientSampleId :

PB118232BL

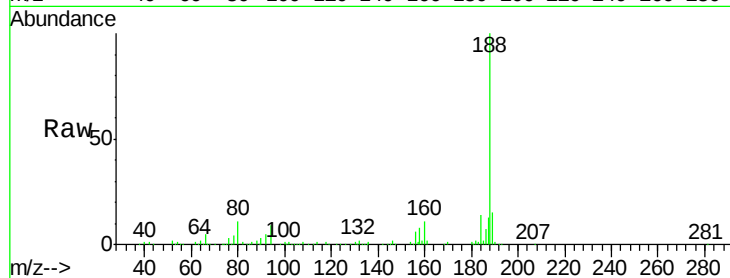
Tgt Ion:188 Resp: 523132

Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

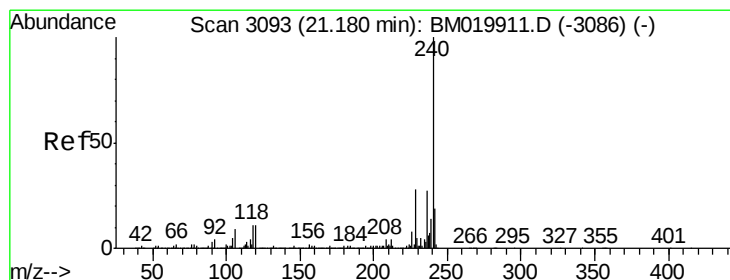
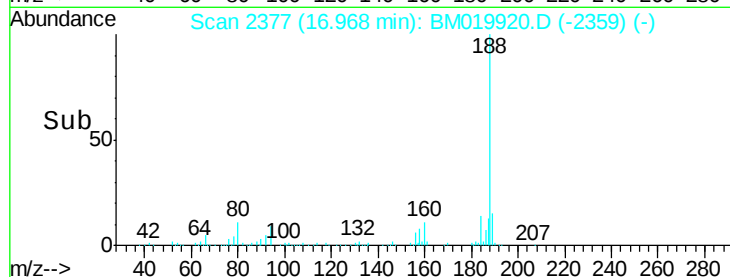
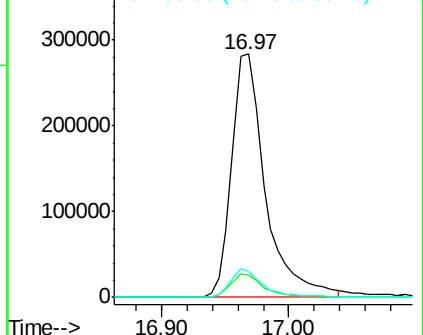
80 10.7 9.4 14.0



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: BM019920.D

Acq: 15 Apr 2019 19:11

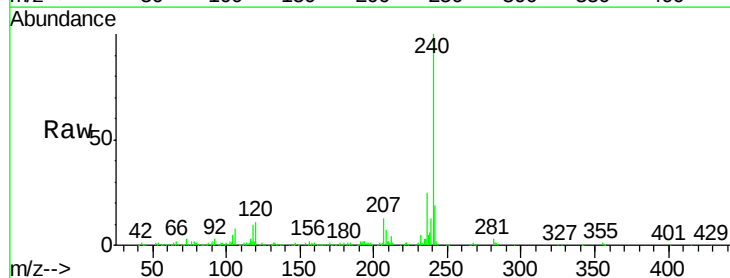
Tgt Ion:240 Resp: 442816

Ion Ratio Lower Upper

240 100

120 10.8 8.6 13.0

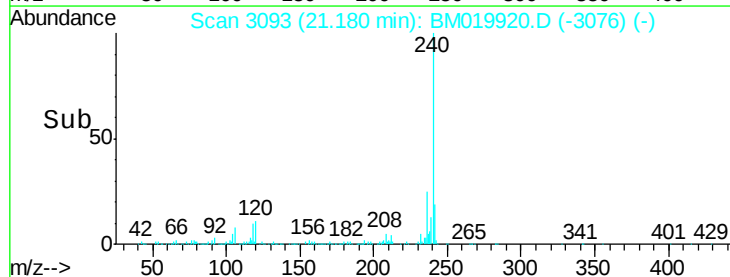
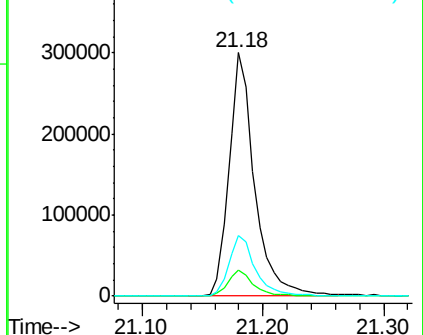
236 24.9 21.4 32.2

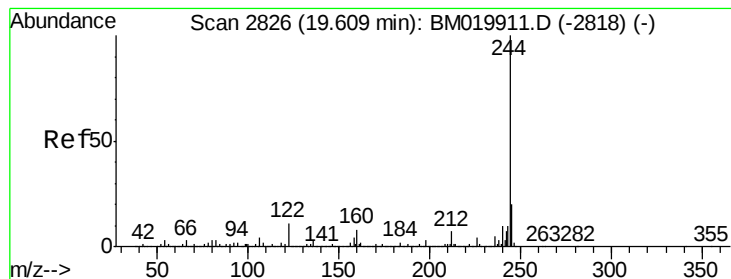


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.553 ng

RT: 19.61 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BM019920.D

Acq: 15 Apr 2019 19:11

Instrument :

BNA_M

ClientSampleId :

PB118232BL

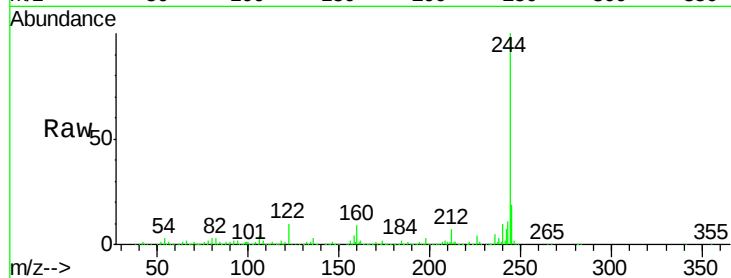
Tgt Ion:244 Resp: 1972095

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

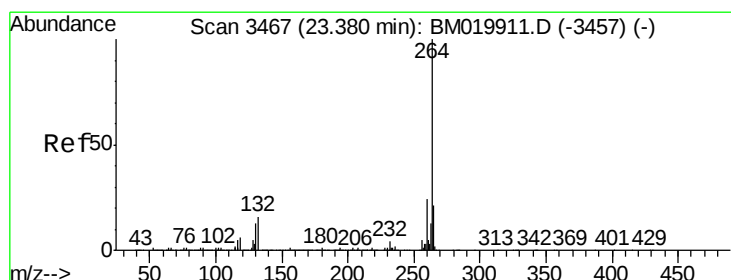
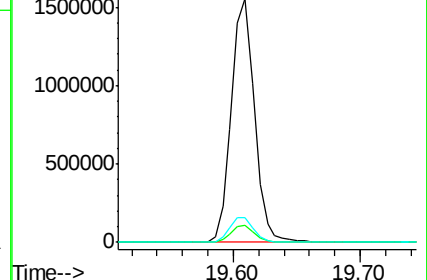
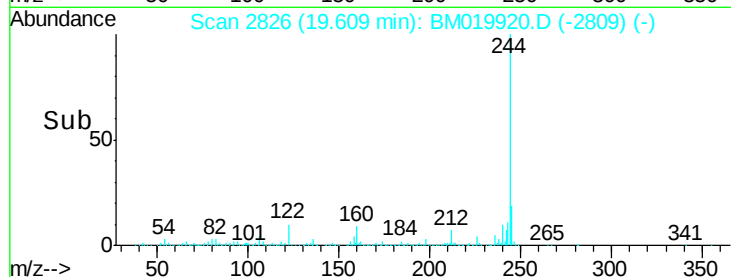
122 10.4 9.1 13.7



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: 23.38 min Scan# 3467

Delta R.T. -0.00 min

Lab File: BM019920.D

Acq: 15 Apr 2019 19:11

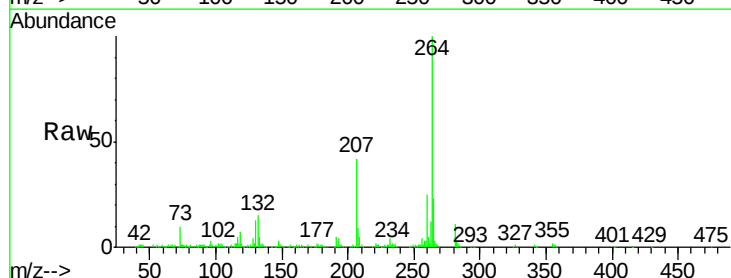
Tgt Ion:264 Resp: 427194

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 23.3 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

