

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041719\
 Data File : BM019944.D
 Acq On : 17 Apr 2019 18:38
 Operator : JU/SJ
 Sample : K2442-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 18 01:11:42 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

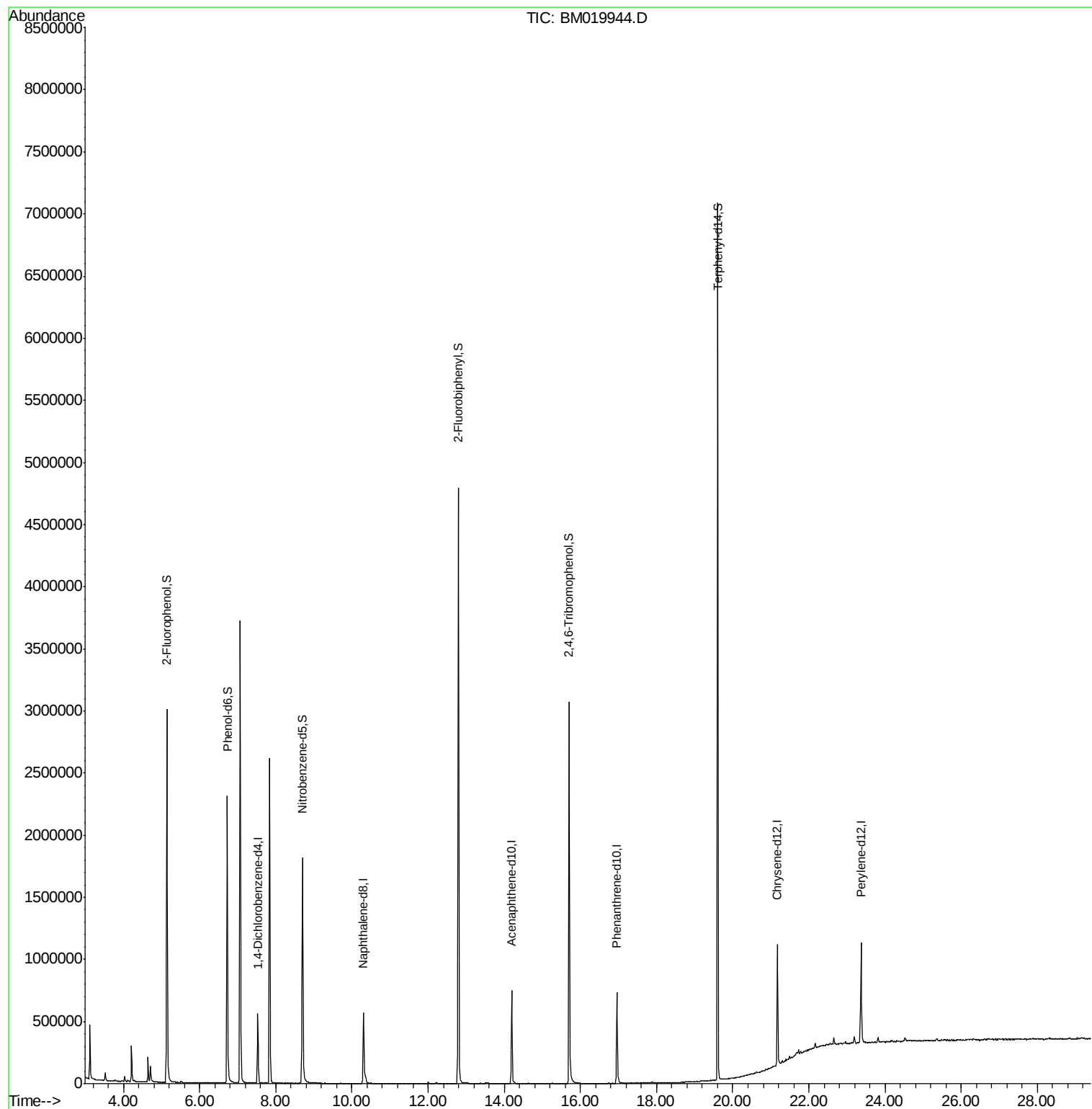
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	140551	20.00	ng	0.00
21) Naphthalene-d8	10.30	136	508006	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	254179	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	464368	20.00	ng	0.00
76) Chrysene-d12	21.17	240	442015	20.00	ng	0.00
87) Perylene-d12	23.37	264	578129	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1201326	138.52	ng	0.00
7) Phenol-d6	6.72	99	1326111	101.60	ng	0.00
23) Nitrobenzene-d5	8.70	82	1250825	110.11	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	574494	140.41	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	2298016	112.67	ng	0.00
79) Terphenyl-d14	19.60	244	2883268	115.05	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	3383	Below Cal	Qvalue #	7

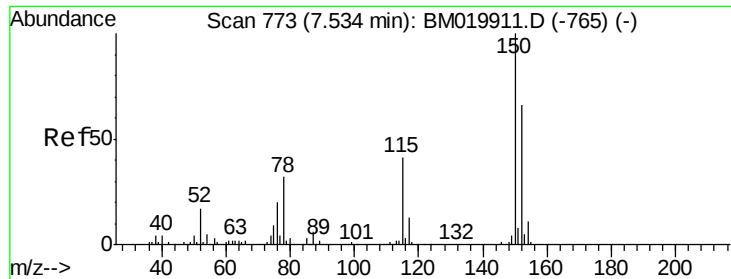
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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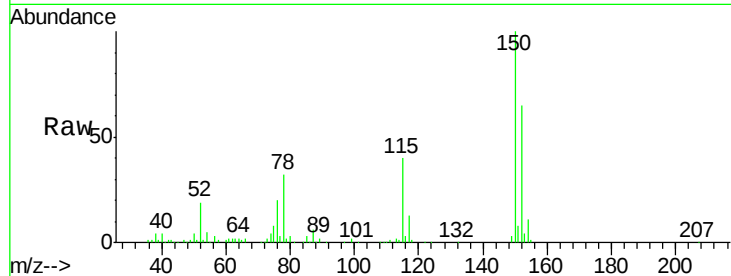


#1

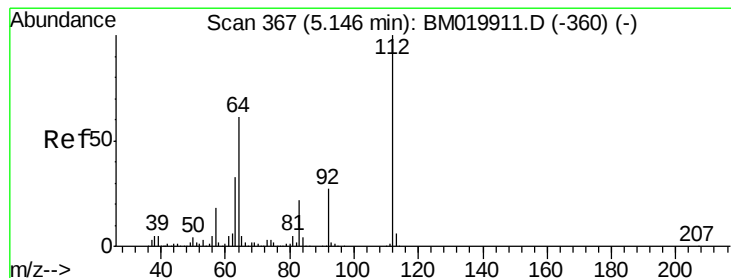
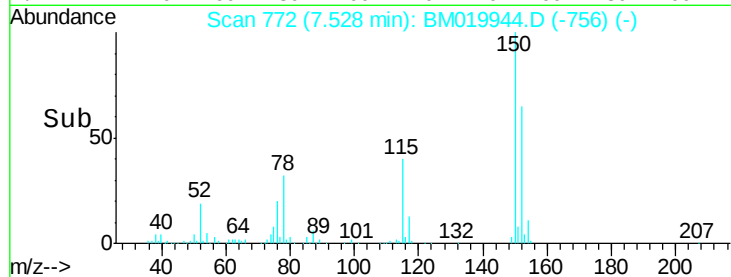
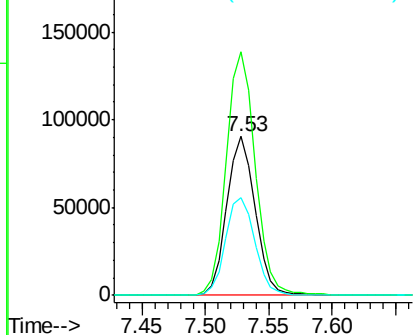
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 772
Delta R.T. -0.01 min
Lab File: BM019944.D
Acq: 17 Apr 2019 18:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 140551
Ion Ratio Lower Upper
152 100
150 153.1 122.1 183.1
115 61.2 50.0 75.0



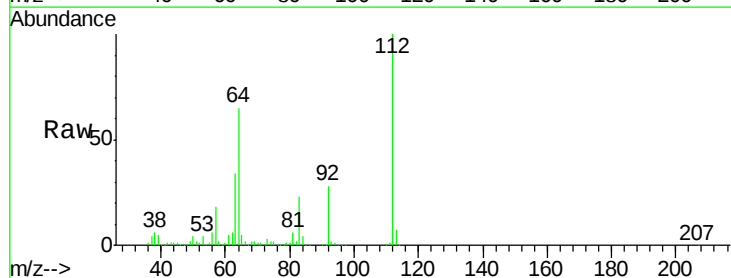
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



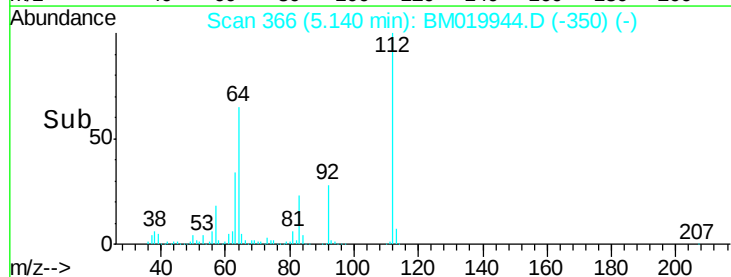
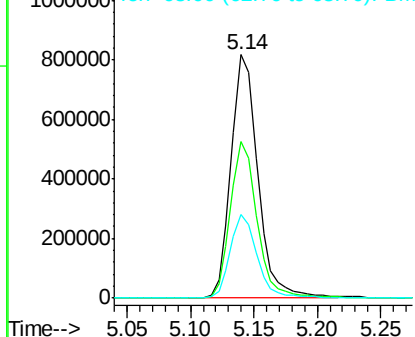
#5

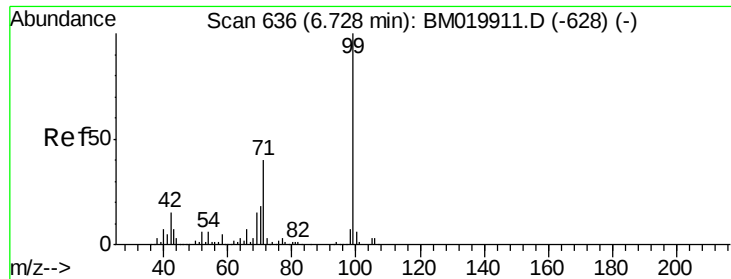
2-Fluorophenol
Concen: 138.521 ng
RT: 5.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: BM019944.D
Acq: 17 Apr 2019 18:38

Tgt Ion:112 Resp: 1201326
Ion Ratio Lower Upper
112 100
64 64.5 49.1 73.7
63 34.5 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: 101.602 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM019944.D

Acq: 17 Apr 2019 18:38

Instrument :

BNA_M

ClientSampleId :

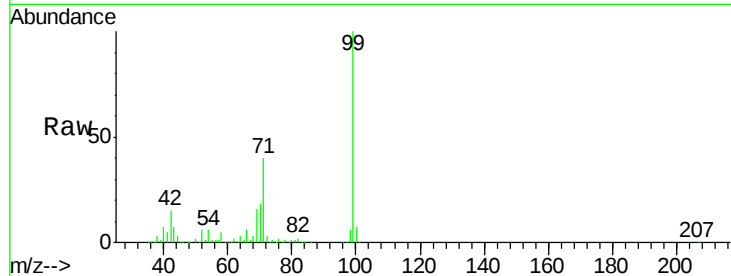
Tot Ion: 99 Resp: 1326111

Ion Ratio Lower Upper

99 100

42 15.2 11.8 17.8

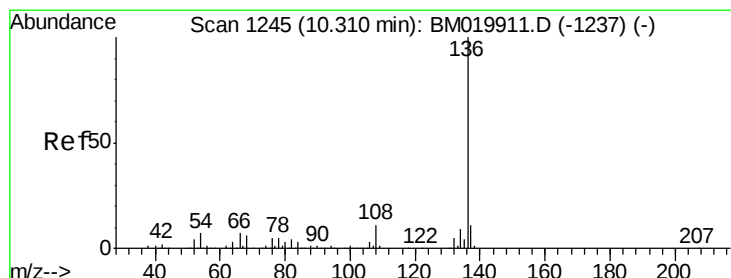
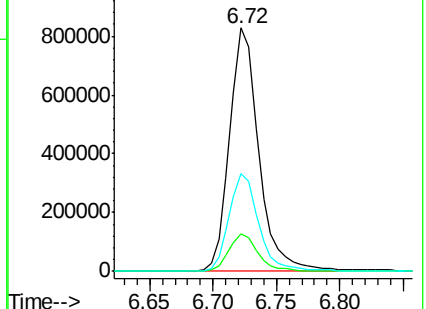
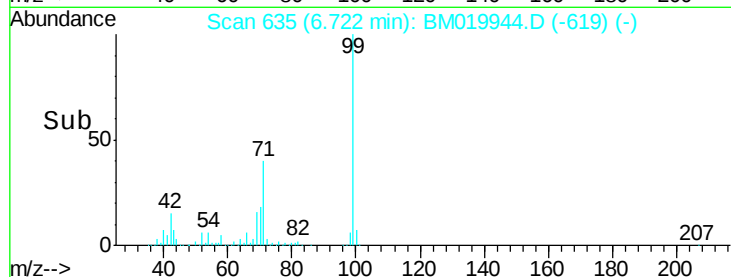
71 40.0 32.0 48.0



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: 10.30 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM019944.D

Acq: 17 Apr 2019 18:38

Tgt Ion: 136 Resp: 508006

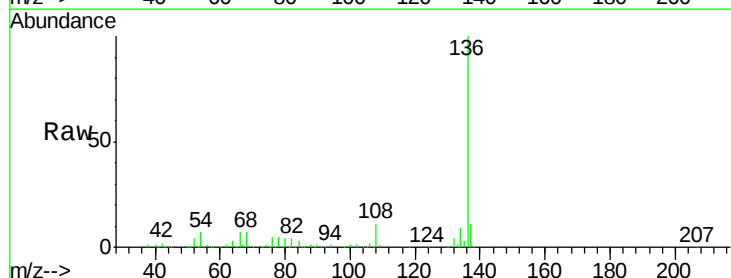
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 7.0 5.3 7.9

68 7.1 5.2 7.8

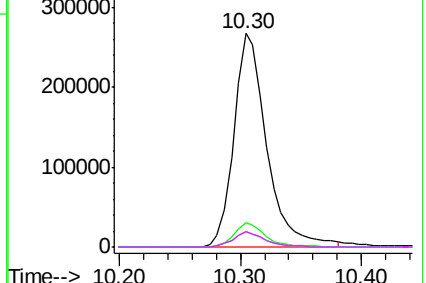
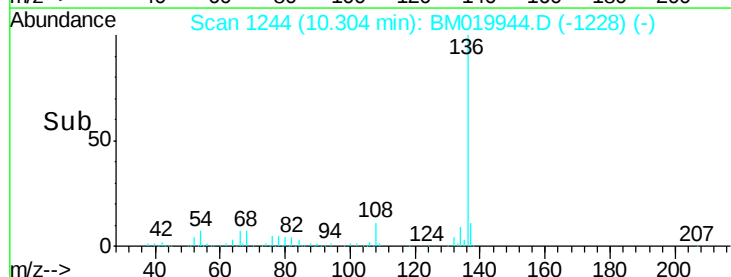


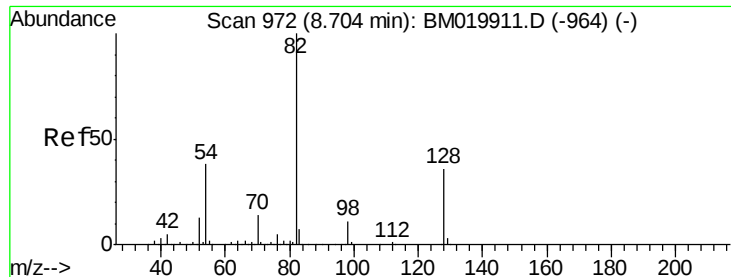
Abundance Ion 136.00 (135.70 to 136.70): BM019911.D (-1237) (-)

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) (-)

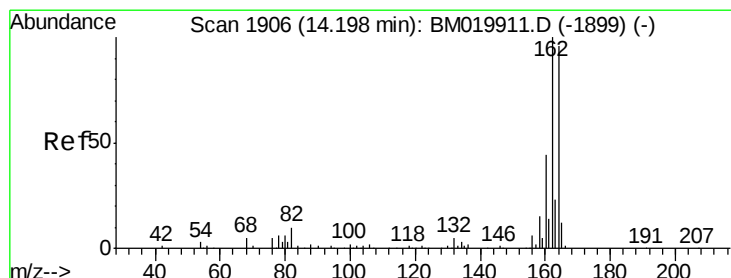
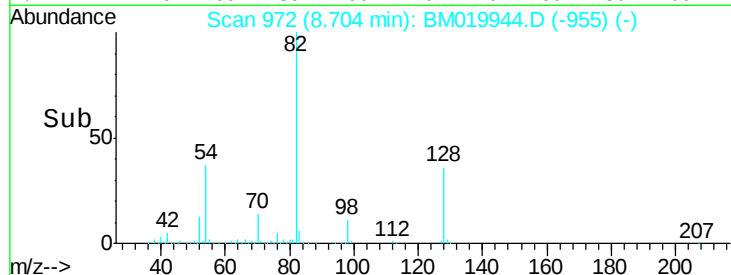
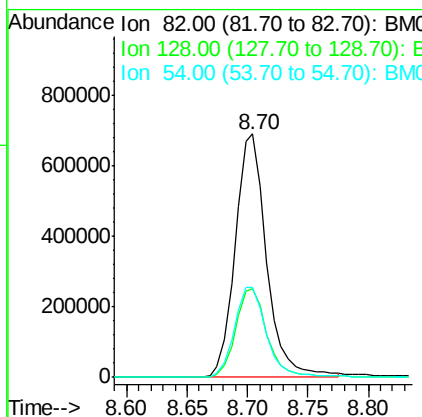
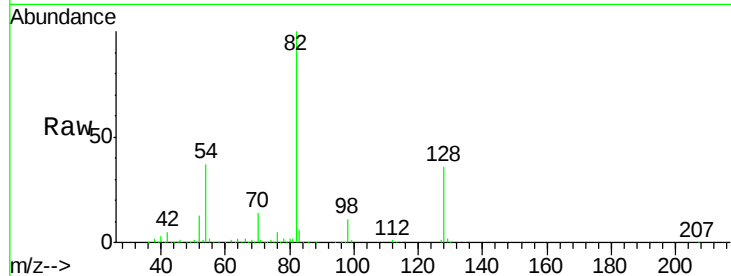




#23
Nitrobenzene-d5
Concen: 110.114 ng
RT: 8.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BM019944.D
Acq: 17 Apr 2019 18:38

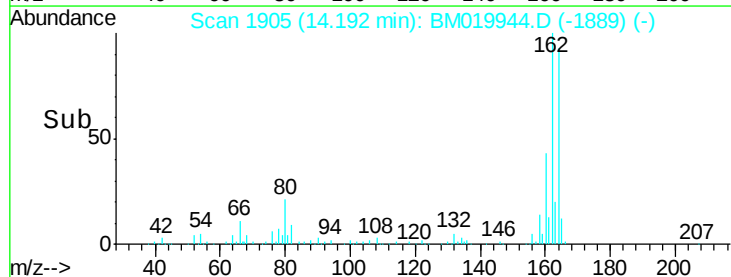
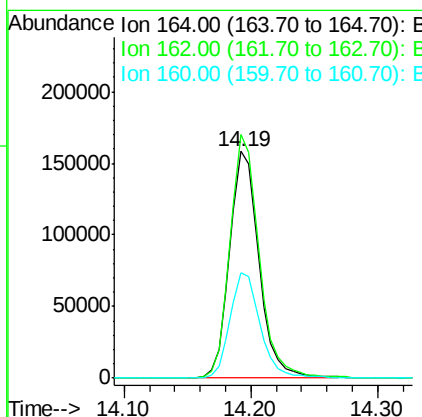
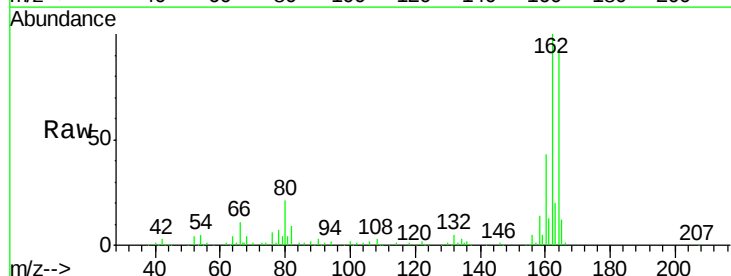
Instrument :
BNA_M
ClientSampleId :

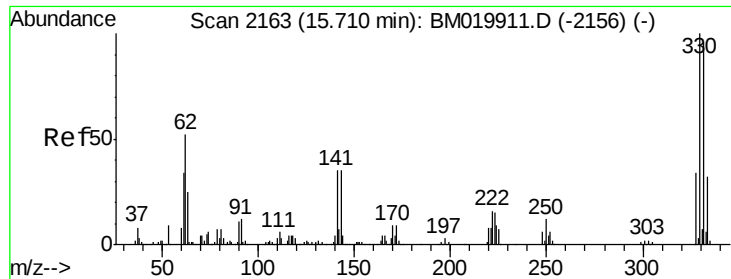
Tot Ion: 82 Resp: 1250825
Ion Ratio Lower Upper
82 100
128 36.4 29.0 43.4
54 37.2 30.2 45.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.19 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM019944.D
Acq: 17 Apr 2019 18:38

Tgt Ion:164 Resp: 254179
Ion Ratio Lower Upper
164 100
162 107.4 83.0 124.4
160 46.5 36.6 55.0

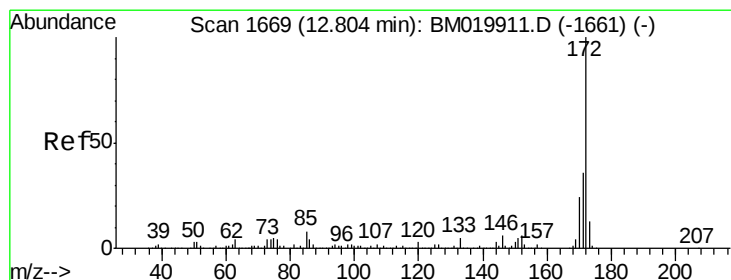
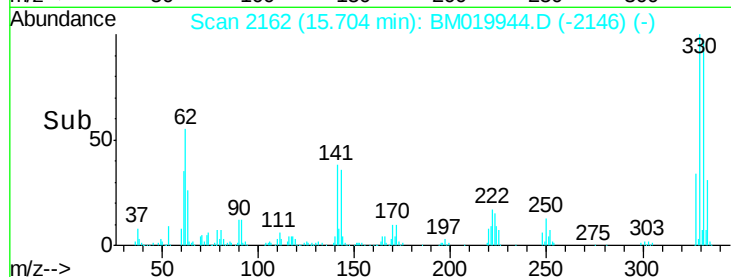
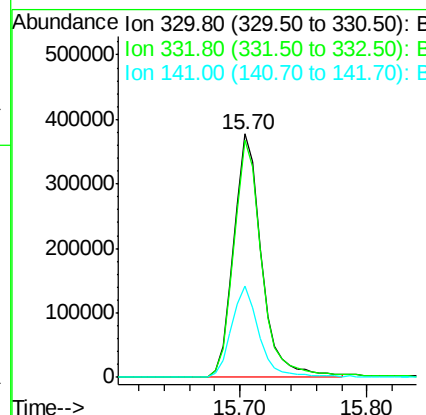
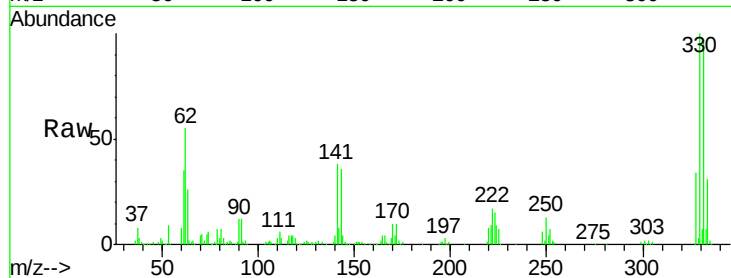




#42
 2,4,6-Tribromophenol
 Concen: 140.409 ng
 RT: 15.70 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BM019944.D
 Acq: 17 Apr 2019 18:38

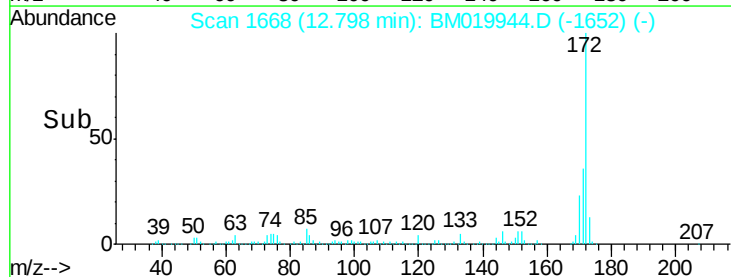
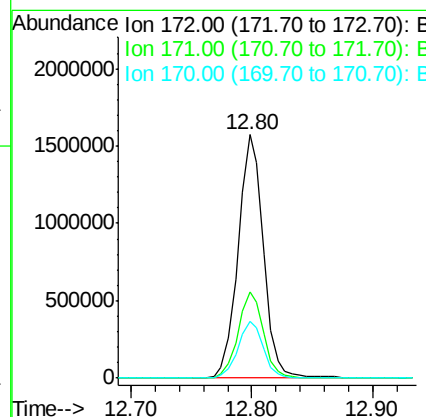
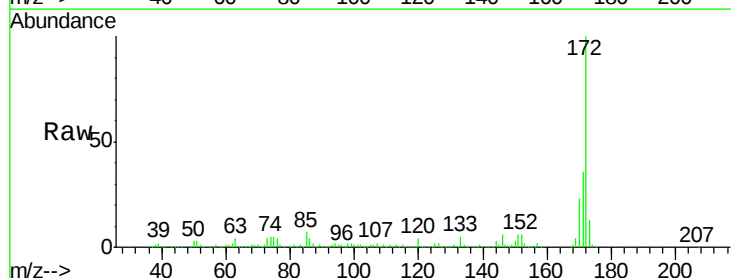
Instrument :
 BNA_M
 ClientSampleId :

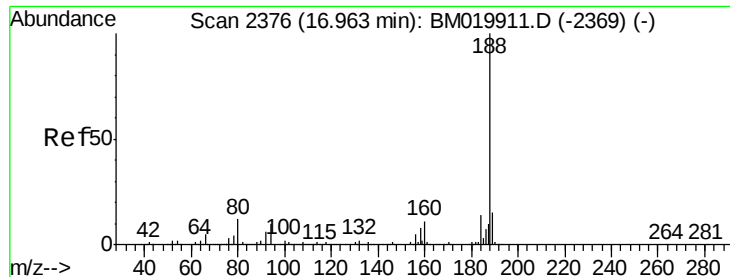
Tot Ion:330 Resp: 574494
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 37.3 29.0 43.4



#45
 2-Fluorobiphenyl
 Concen: 112.671 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM019944.D
 Acq: 17 Apr 2019 18:38

Tgt Ion:172 Resp: 2298016
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.9 43.3
 170 23.5 19.0 28.4

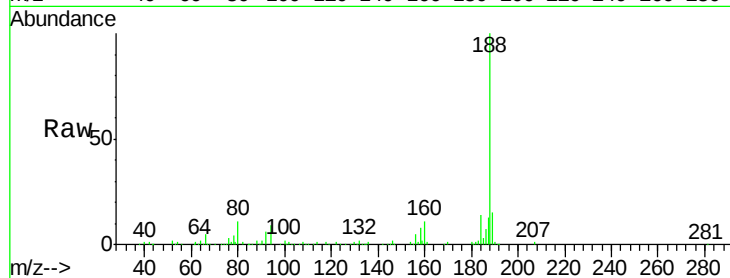




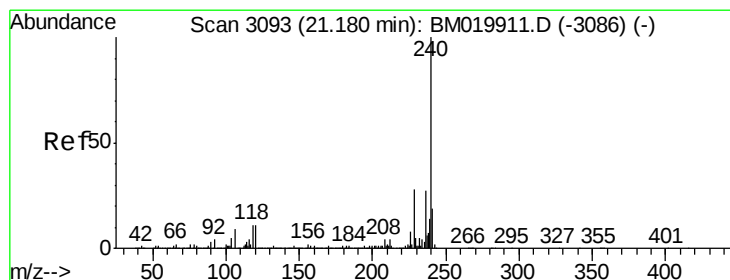
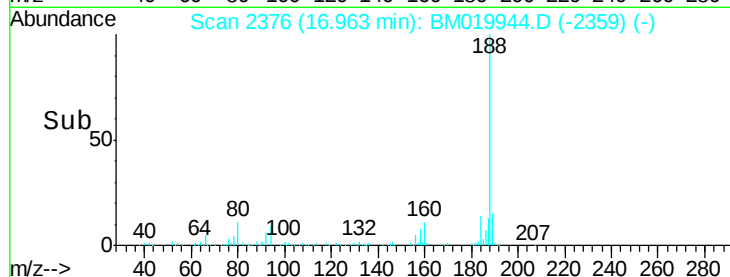
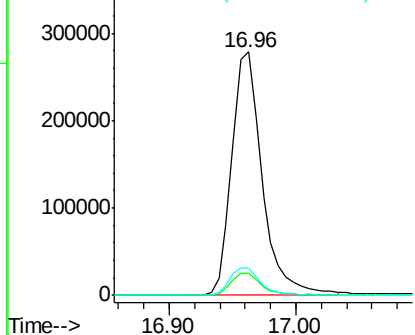
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BM019944.D
Acq: 17 Apr 2019 18:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 464368
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 11.0 9.4 14.0

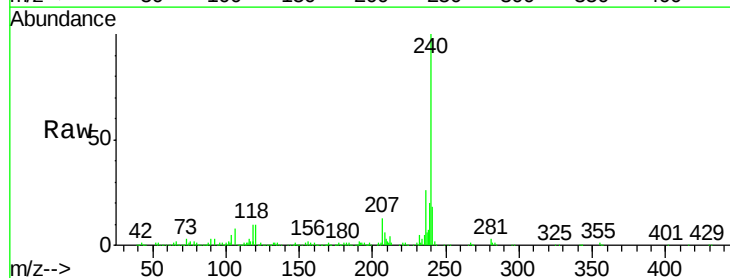


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

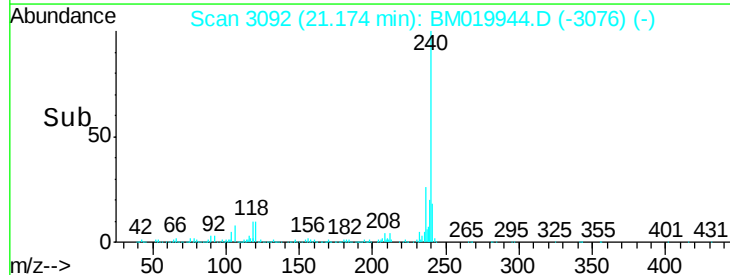
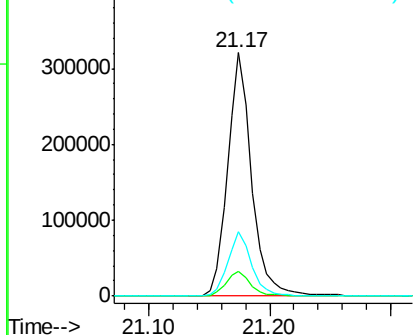


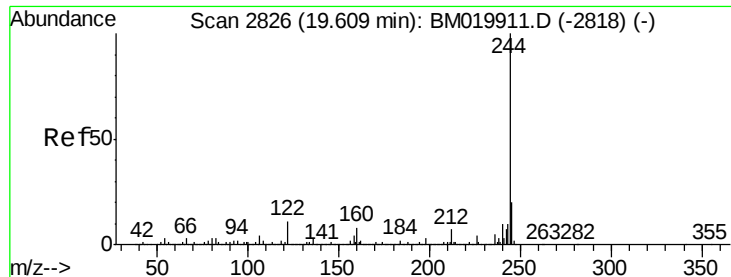
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM019944.D
Acq: 17 Apr 2019 18:38

Tgt Ion:240 Resp: 442015
Ion Ratio Lower Upper
240 100
120 10.2 8.6 13.0
236 26.3 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: 115.054 ng

RT: 19.60 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM019944.D

Acq: 17 Apr 2019 18:38

Instrument :

BNA_M

ClientSampleId :

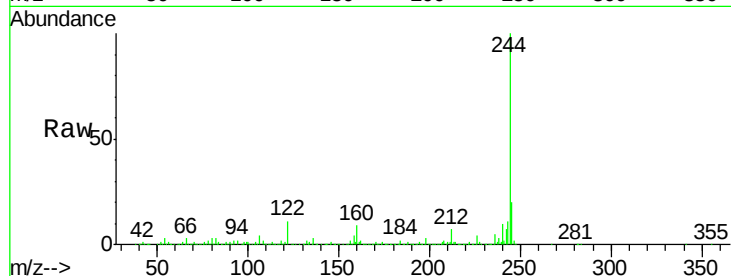
Tot Ion:244 Resp: 2883268

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

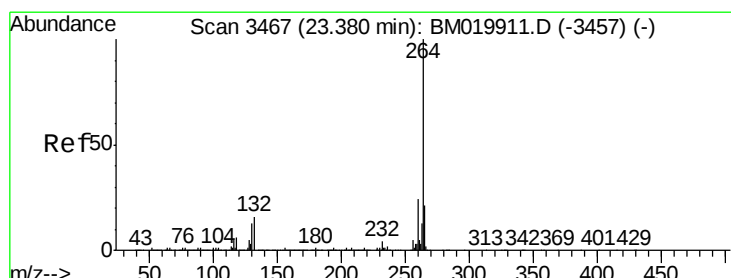
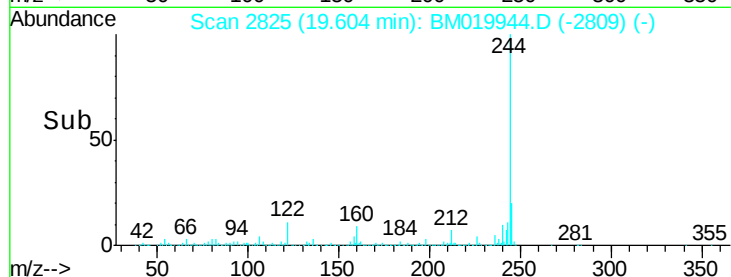
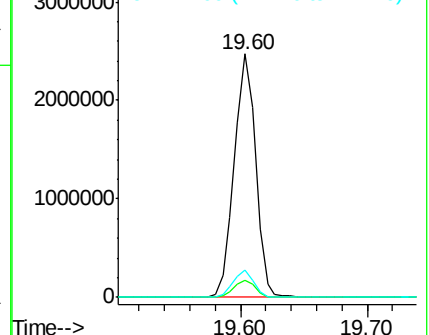
122 11.1 9.1 13.7



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# 3465

Delta R.T. -0.01 min

Lab File: BM019944.D

Acq: 17 Apr 2019 18:38

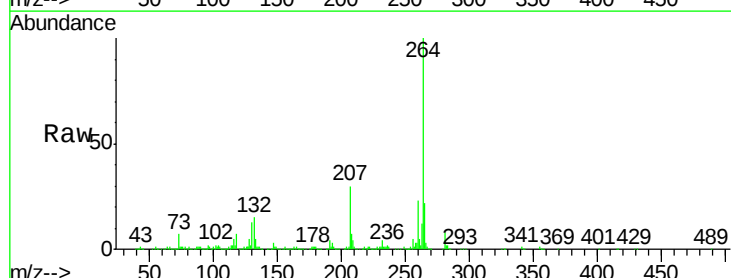
Tgt Ion:264 Resp: 578129

Ion Ratio Lower Upper

264 100

260 23.5 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

