

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019967.D
 Acq On : 18 Apr 2019 23:22
 Operator : JU/SJ
 Sample : K2461-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PZ-15

Quant Time: Apr 19 01:27:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	83386	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	299182	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	167001	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	360685	20.00	ng	0.00
76) Chrysene-d12	21.16	240	374167	20.00	ng	0.00
87) Perylene-d12	23.35	264	488142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	276005	53.64	ng	0.00
7) Phenol-d6	6.72	99	204964	26.47	ng	0.00
23) Nitrobenzene-d5	8.69	82	567507	84.83	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	319519	118.86	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	1116619	83.33	ng	0.00
79) Terphenyl-d14	19.59	244	1629537	76.82	ng	0.00

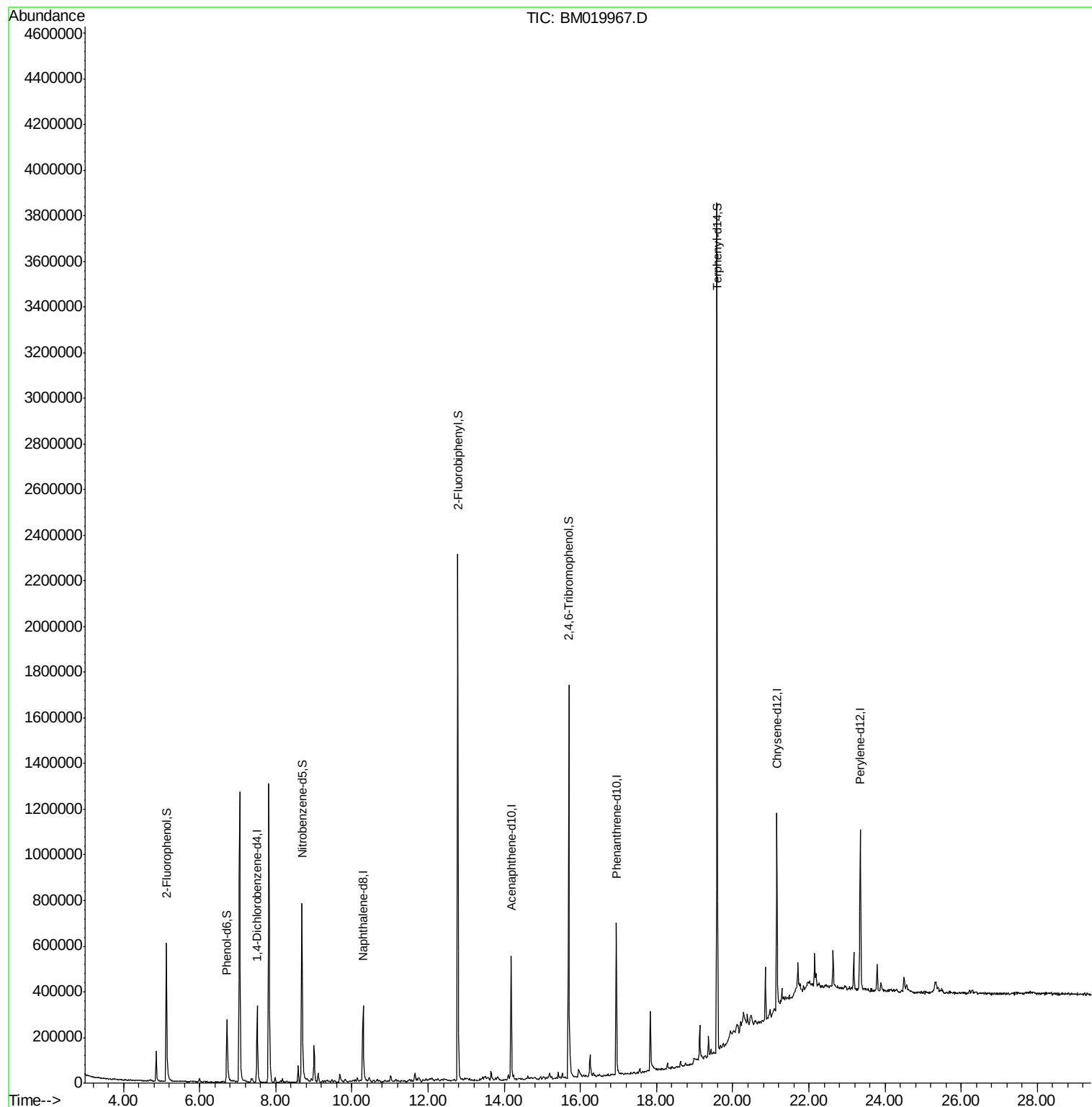
Target Compounds Qvalue

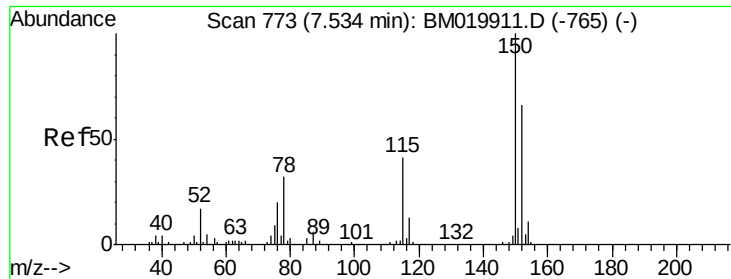
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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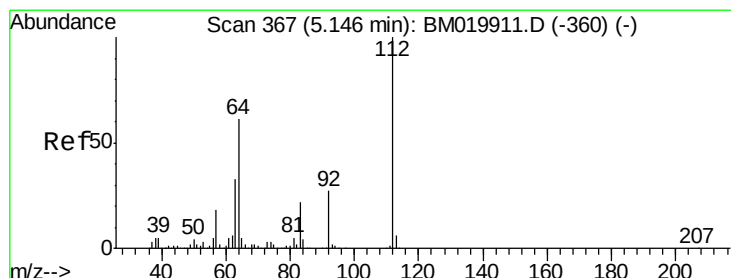
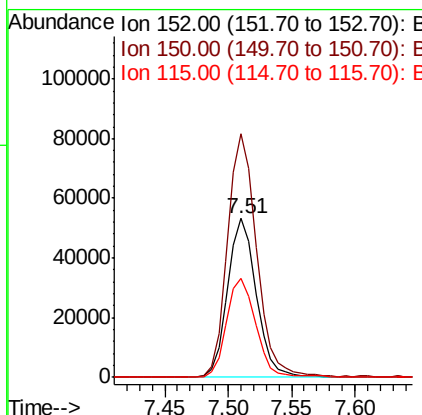
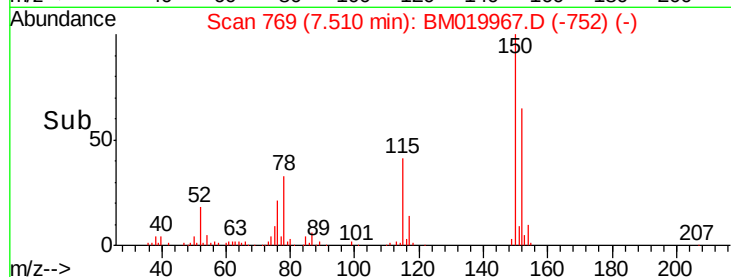
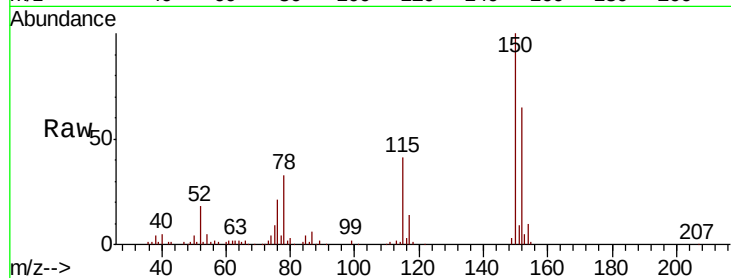


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.00 min
Lab File: BM019967.D
Acq: 18 Apr 2019 23:22

Instrument :
BNA_M
ClientSampleId :
PZ-15

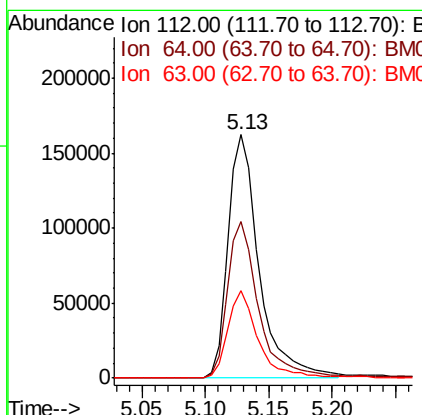
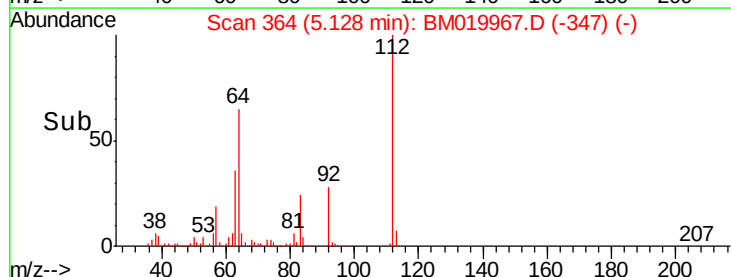
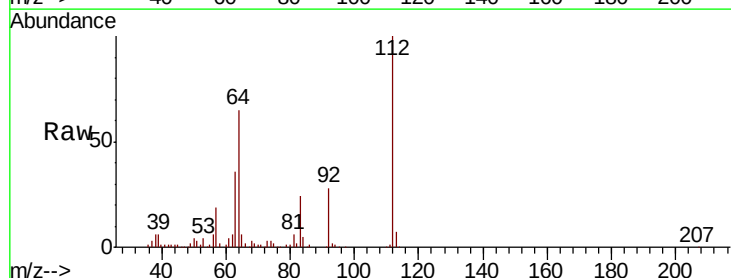
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	122.1	183.1
115	62.5	50.0	75.0

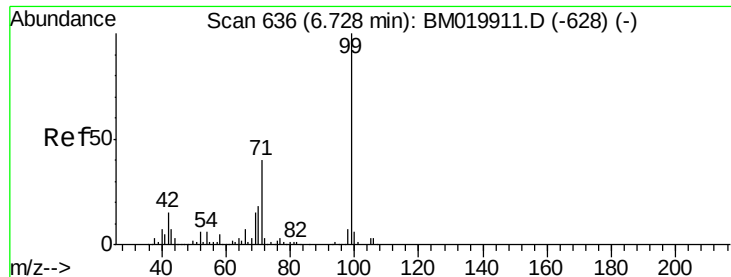


#5

2-Fluorophenol
Concen: 53.643 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.00 min
Lab File: BM019967.D
Acq: 18 Apr 2019 23:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	49.1	73.7
63	35.8	26.5	39.7





#7

Phenol-d6

Concen: 26.469 ng

RT: 6.72 min Scan# 634

Delta R.T. 0.01 min

Lab File: BM019967.D

Acq: 18 Apr 2019 23:22

Instrument :

BNA_M

ClientSampleId :

PZ-15

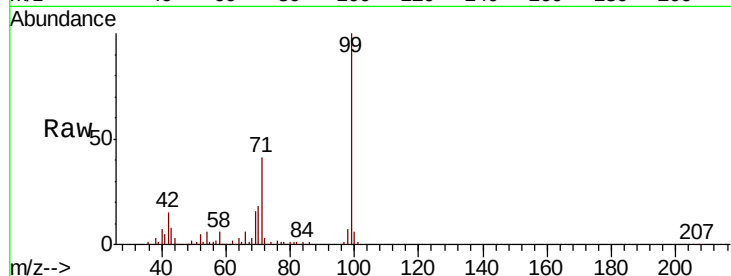
Tot Ion: 99 Resp: 204964

Ion Ratio Lower Upper

99 100

42 14.9 11.8 17.8

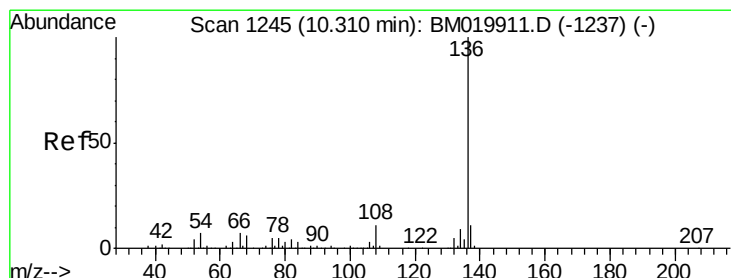
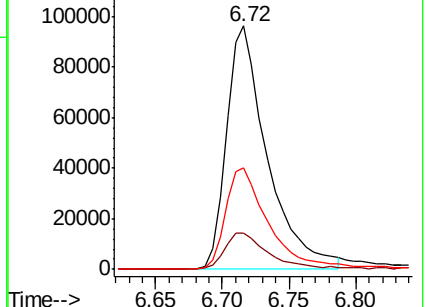
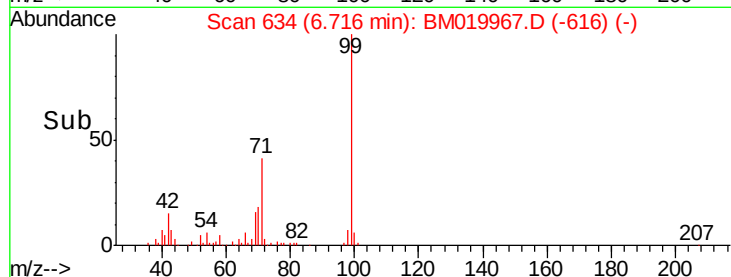
71 41.5 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019967.D (-616) (-)

Ion 42.00 (41.70 to 42.70): BM019967.D (-616) (-)

Ion 71.00 (70.70 to 71.70): BM019967.D (-616) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BM019967.D

Acq: 18 Apr 2019 23:22

Tgt Ion: 136 Resp: 299182

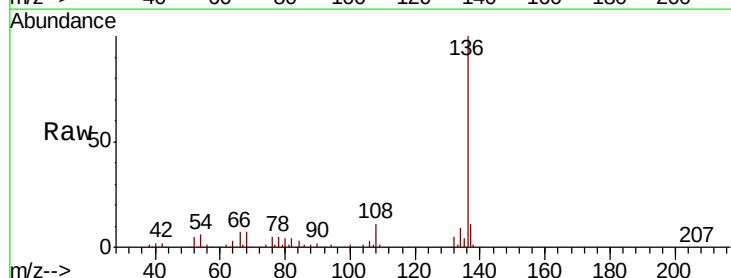
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 6.4 5.3 7.9

68 6.8 5.2 7.8

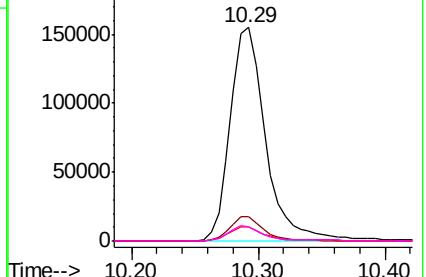
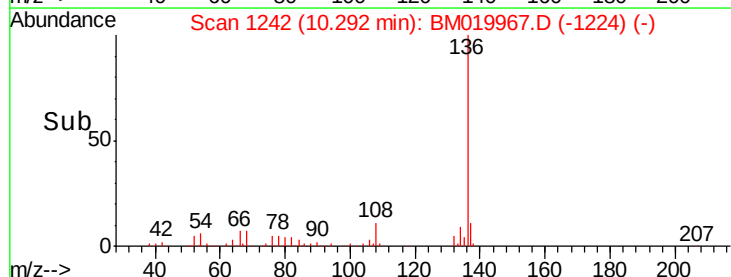


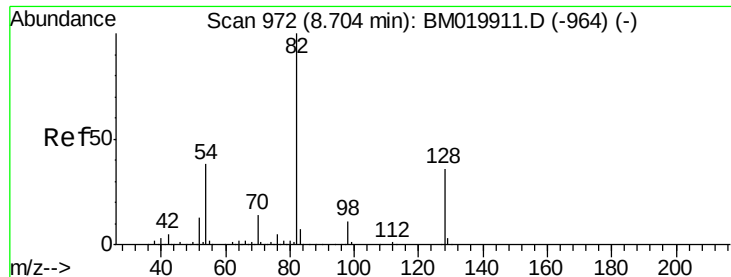
Abundance Ion 136.00 (135.70 to 136.70): BM019967.D (-1224) (-)

Ion 137.00 (136.70 to 137.70): BM019967.D (-1224) (-)

Ion 54.00 (53.70 to 54.70): BM019967.D (-1224) (-)

Ion 68.00 (67.70 to 68.70): BM019967.D (-1224) (-)

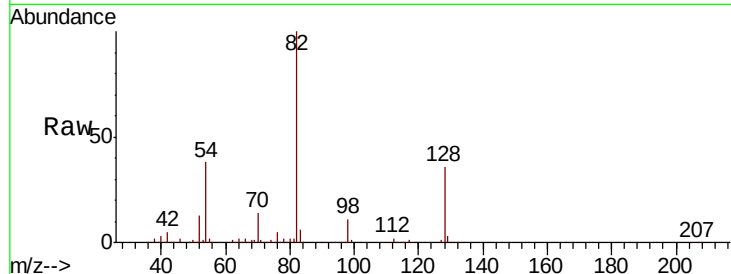




#23
Nitrobenzene-d5
Concen: 84.830 ng
RT: 8.69 min Scan# 969
Delta R.T. -0.00 min
Lab File: BM019967.D
Acq: 18 Apr 2019 23:22

Instrument :
BNA_M
ClientSampleId :
PZ-15

Tot Ion	82	Resp	567507
Ion Ratio	100	Lower	Upper
128	36.1	29.0	43.4
54	37.5	30.2	45.4

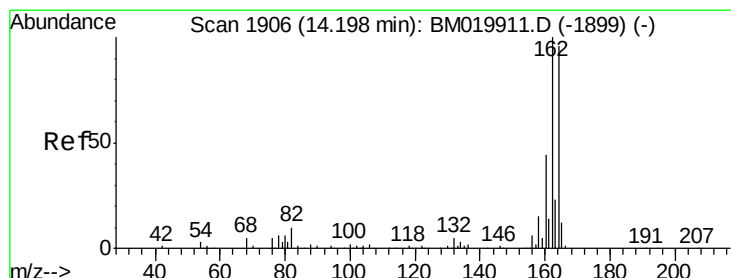
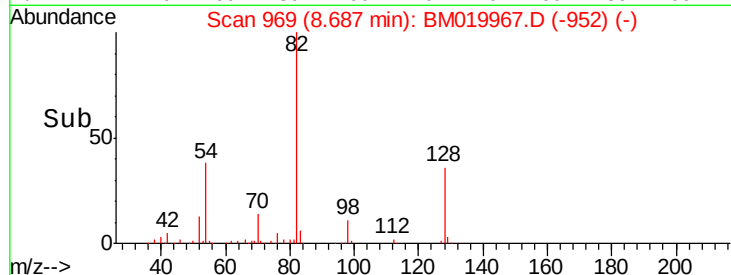
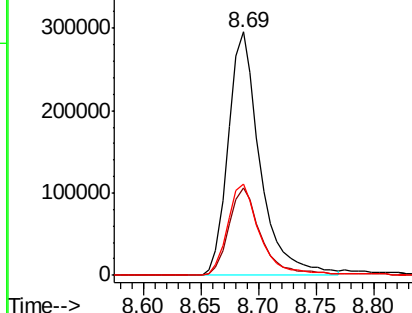


Abundance

Ion 82.00 (81.70 to 82.70): BM019967.D (-952) (-)

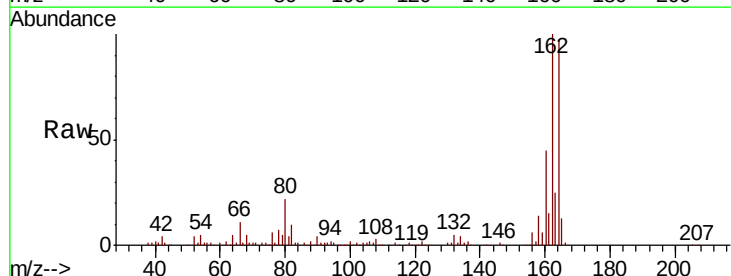
Ion 128.00 (127.70 to 128.70): BM019967.D (-952) (-)

Ion 54.00 (53.70 to 54.70): BM019967.D (-952) (-)



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.18 min Scan# 1903
Delta R.T. 0.01 min
Lab File: BM019967.D
Acq: 18 Apr 2019 23:22

Tgt Ion	164	Resp	167001
Ion Ratio	100	Lower	Upper
162	102.8	83.0	124.4
160	46.2	36.6	55.0

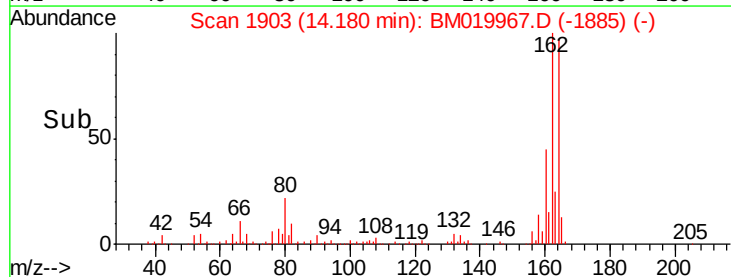
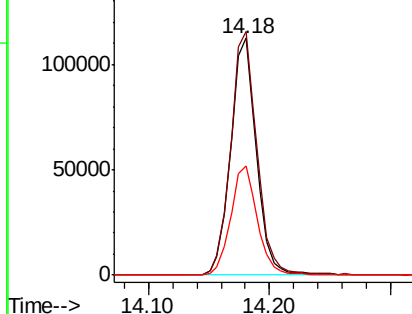


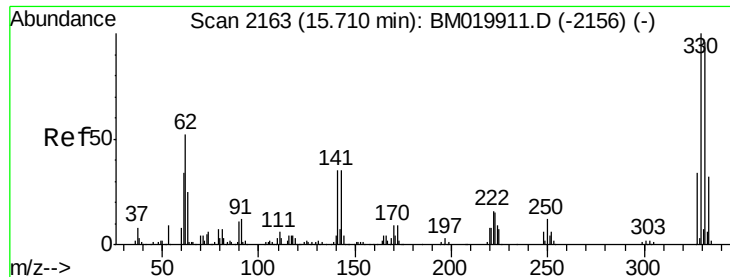
Abundance

Ion 164.00 (163.70 to 164.70): BM019967.D (-1885) (-)

Ion 162.00 (161.70 to 162.70): BM019967.D (-1885) (-)

Ion 160.00 (159.70 to 160.70): BM019967.D (-1885) (-)

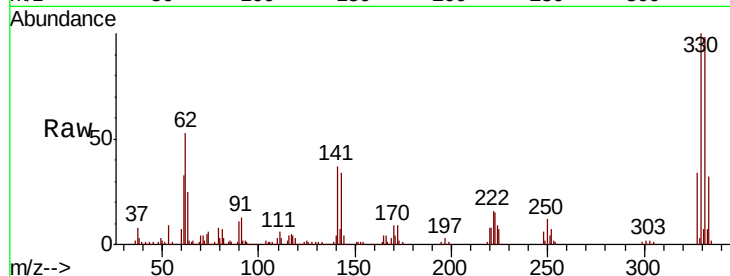




#42
 2,4,6-Tribromophenol
 Concen: 118.857 ng
 RT: 15.69 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BM019967.D
 Acq: 18 Apr 2019 23:22

Instrument :
 BNA_M
 ClientSampleId :
 PZ-15

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.2
141	38.5	29.0	43.4

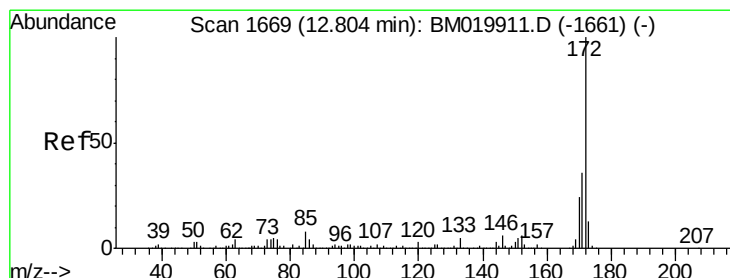
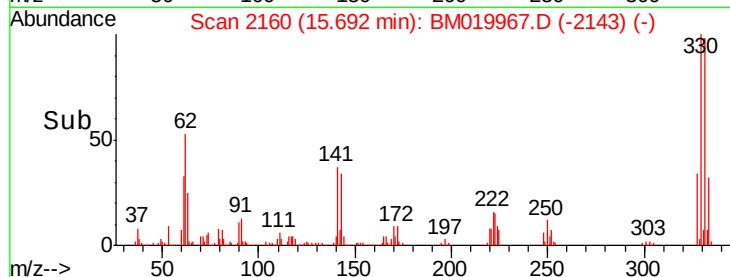
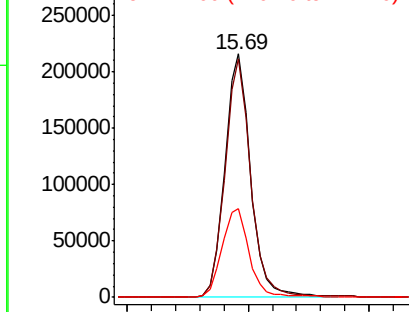


Abundance

Ion 329.80 (329.50 to 330.50): E

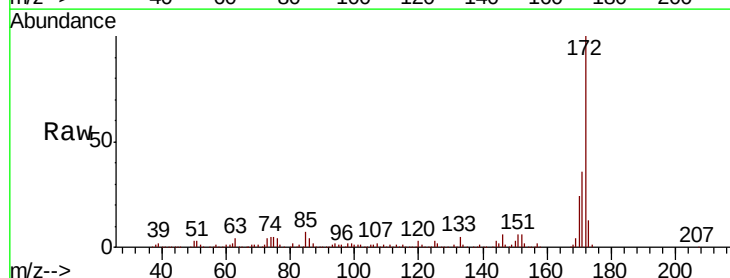
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.327 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BM019967.D
 Acq: 18 Apr 2019 23:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.7	19.0	28.4

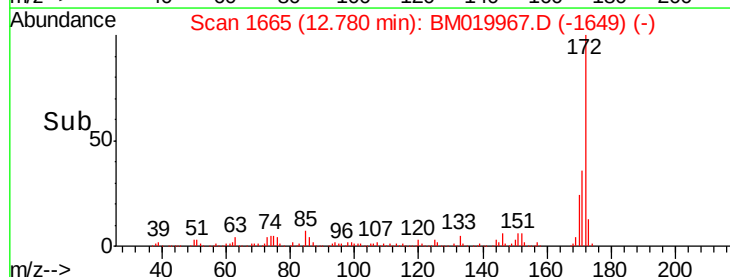
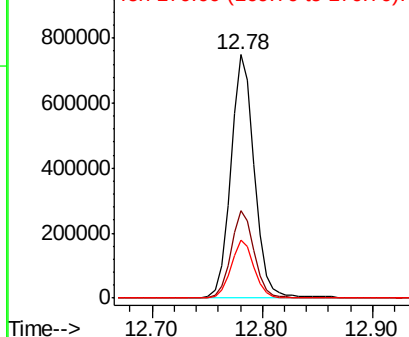


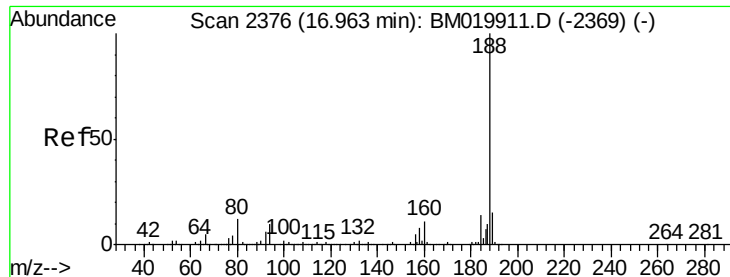
Abundance

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: 16.94 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BM019967.D

Acq: 18 Apr 2019 23:22

Instrument :

BNA_M

ClientSampleId :

PZ-15

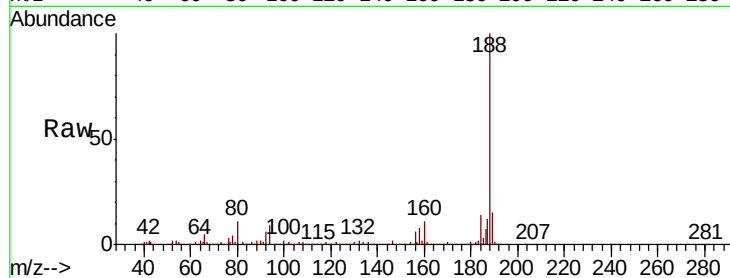
Tot Ion:188 Resp: 360685

Ion Ratio Lower Upper

188 100

94 9.1 7.6 11.4

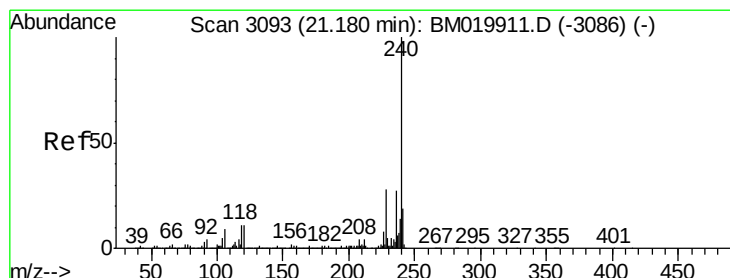
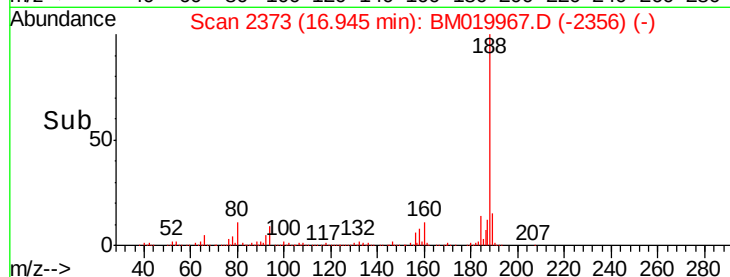
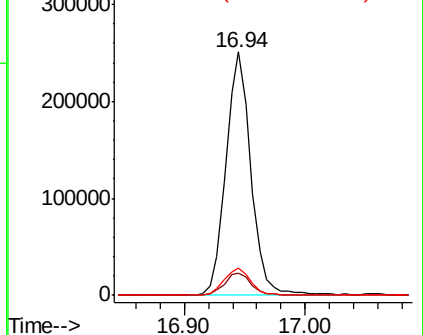
80 11.4 9.4 14.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.00 min

Lab File: BM019967.D

Acq: 18 Apr 2019 23:22

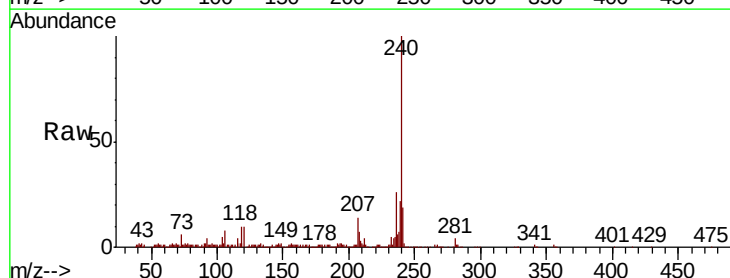
Tgt Ion:240 Resp: 374167

Ion Ratio Lower Upper

240 100

120 10.1 8.6 13.0

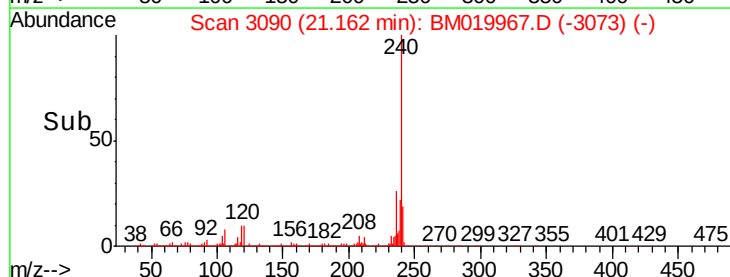
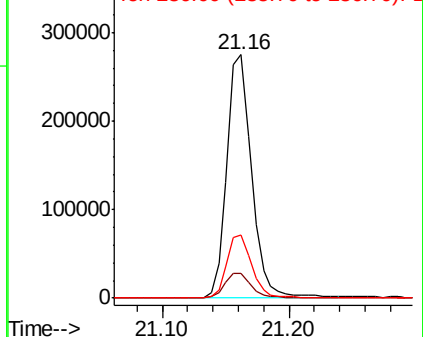
236 25.8 21.4 32.2

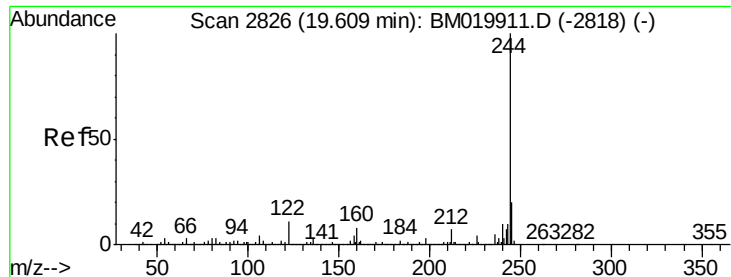


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.816 ng

RT: 19.59 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BM019967.D

Acq: 18 Apr 2019 23:22

Instrument :

BNA_M

ClientSampleId :

PZ-15

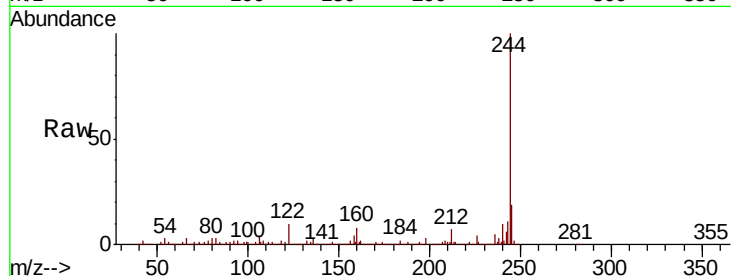
Tot Ion:244 Resp: 1629537

Ion Ratio Lower Upper

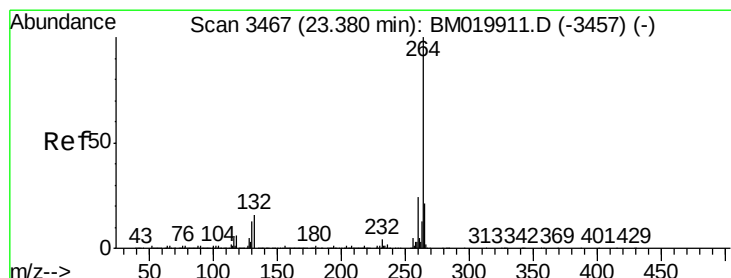
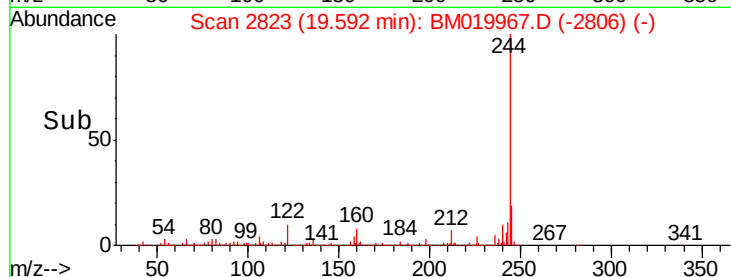
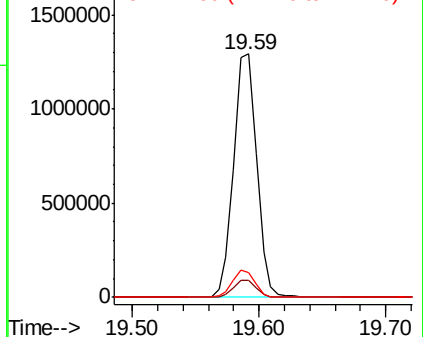
244 100

212 7.2 5.7 8.5

122 10.3 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: 23.35 min Scan# 3462

Delta R.T. -0.00 min

Lab File: BM019967.D

Acq: 18 Apr 2019 23:22

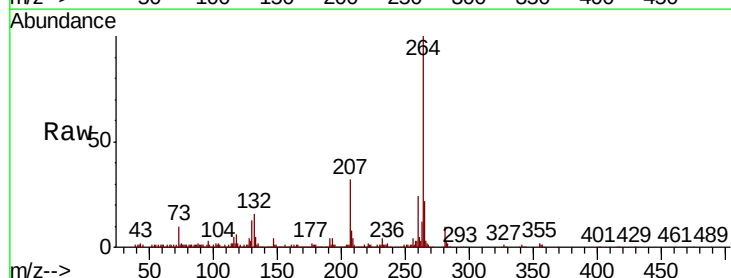
Tgt Ion:264 Resp: 488142

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.0 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

