

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041719\
 Data File : BM019947.D
 Acq On : 17 Apr 2019 20:28
 Operator : JU/SJ
 Sample : K2422-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP1-D

Quant Time: Apr 18 01:46:58 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

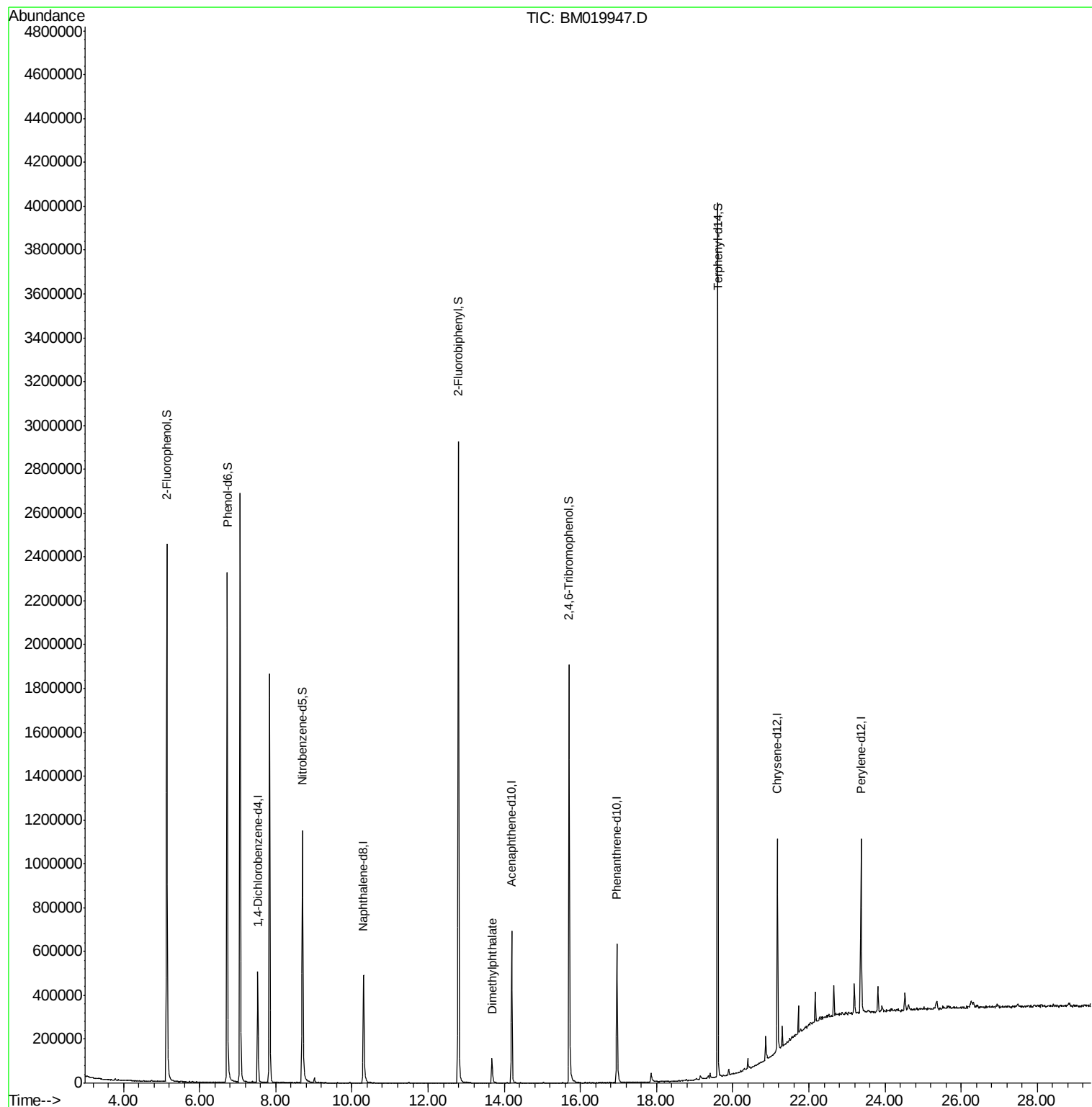
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	127317	20.00	ng	0.00
21) Naphthalene-d8	10.30	136	462855	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	228983	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	426601	20.00	ng	0.00
76) Chrysene-d12	21.17	240	415018	20.00	ng	0.00
87) Perylene-d12	23.37	264	557801	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1003854	127.78	ng	0.00
7) Phenol-d6	6.72	99	1335579	112.96	ng	0.00
23) Nitrobenzene-d5	8.70	82	820606	79.29	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	362823	98.43	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	1480574	80.58	ng	0.00
79) Terphenyl-d14	19.60	244	1664248	70.73	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.67	163	98451	4.874	ng	Qvalue 100

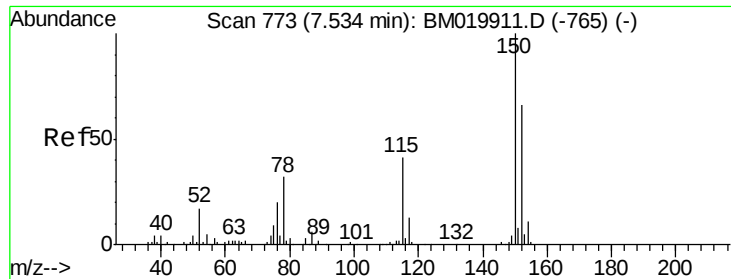
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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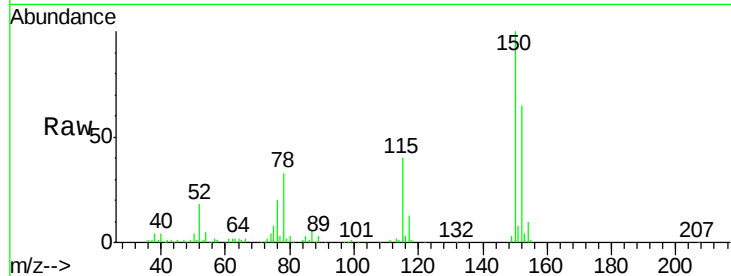


#1

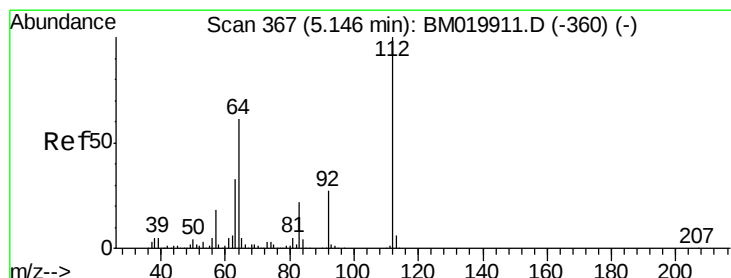
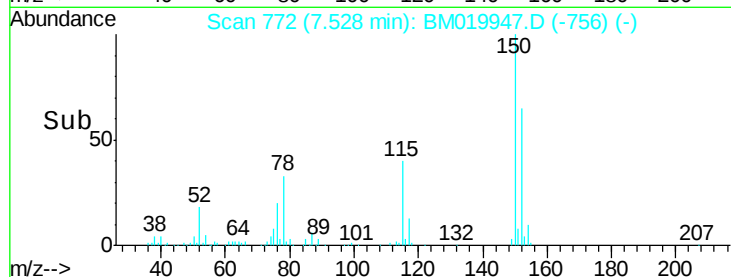
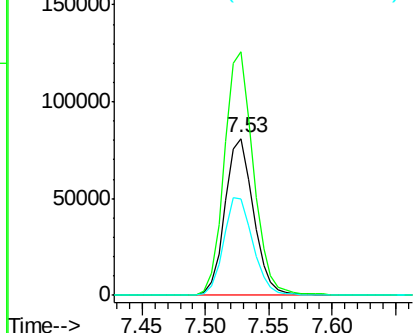
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 772
Delta R.T. -0.01 min
Lab File: BM019947.D
Acq: 17 Apr 2019 20:28

Instrument :
BNA_M
ClientSampleId :
TP1-D

Tgt Ion:152 Resp: 127317
Ion Ratio Lower Upper
152 100
150 155.0 122.1 183.1
115 61.5 50.0 75.0



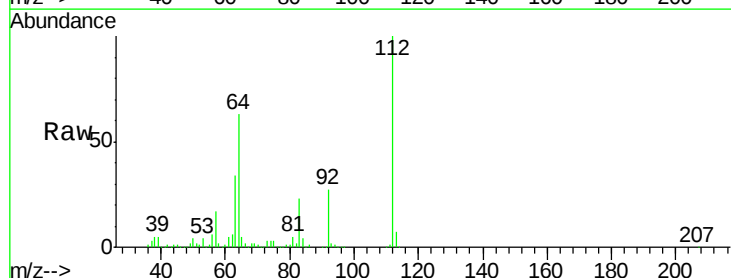
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



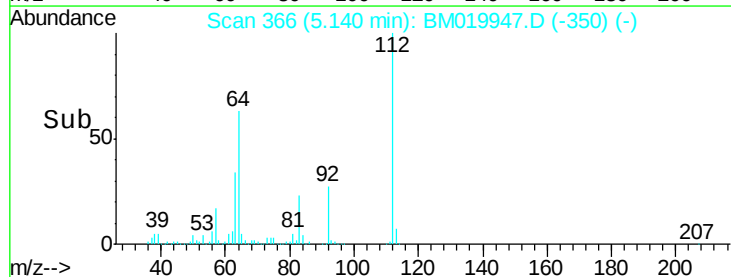
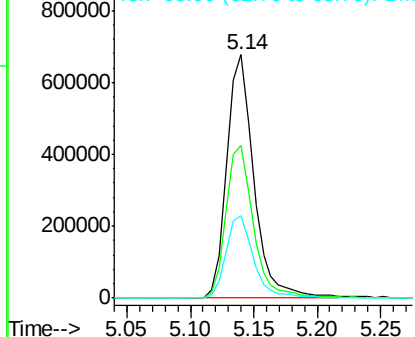
#5

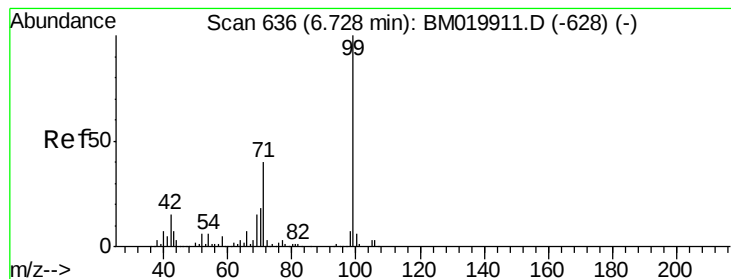
2-Fluorophenol
Concen: 127.783 ng
RT: 5.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: BM019947.D
Acq: 17 Apr 2019 20:28

Tgt Ion:112 Resp: 1003854
Ion Ratio Lower Upper
112 100
64 62.7 49.1 73.7
63 33.7 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: 112.964 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM019947.D

Acq: 17 Apr 2019 20:28

Instrument :

BNA_M

ClientSampled :

TP1-D

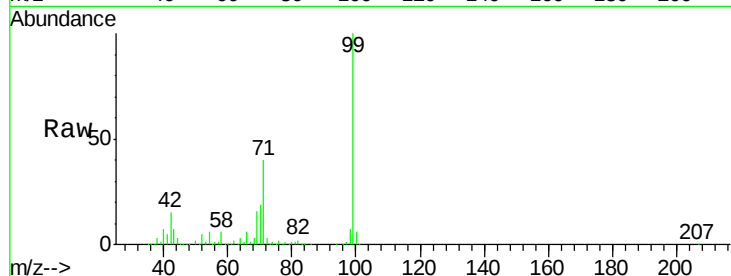
Tgt Ion: 99 Resp: 1335579

Ion Ratio Lower Upper

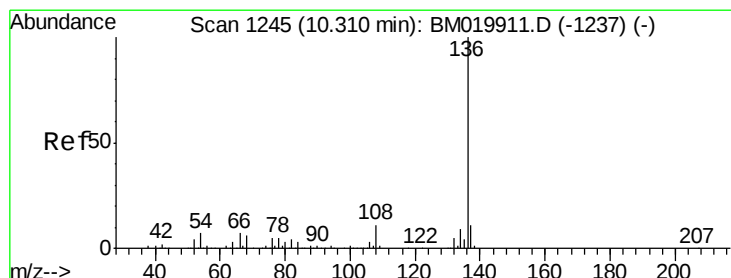
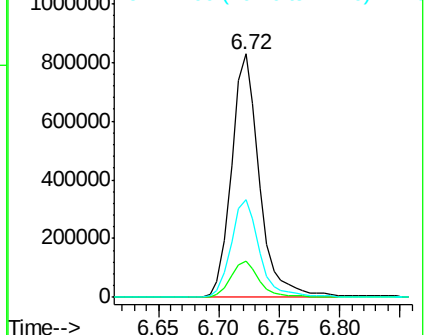
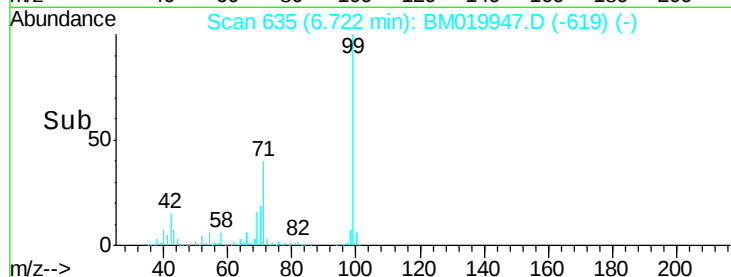
99 100

42 15.0 11.8 17.8

71 40.1 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019947.D (-619) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.30 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM019947.D

Acq: 17 Apr 2019 20:28

Tgt Ion: 136 Resp: 462855

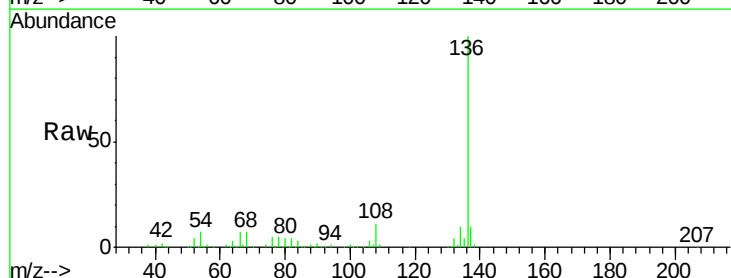
Ion Ratio Lower Upper

136 100

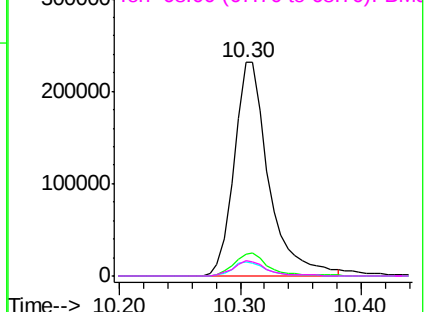
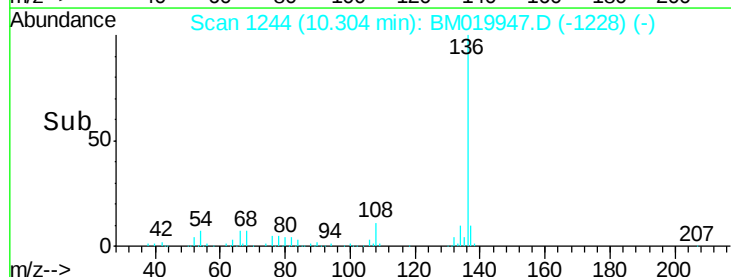
137 10.5 9.0 13.6

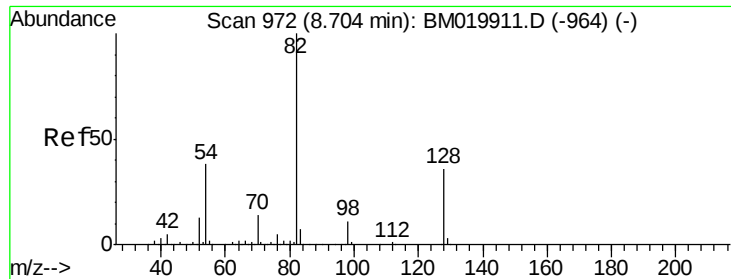
54 6.8 5.3 7.9

68 7.1 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): BM019947.D (-1228) (-)

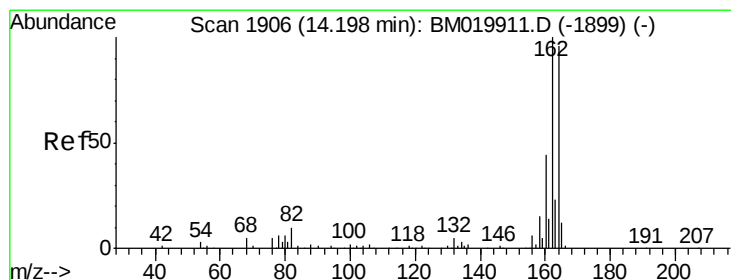
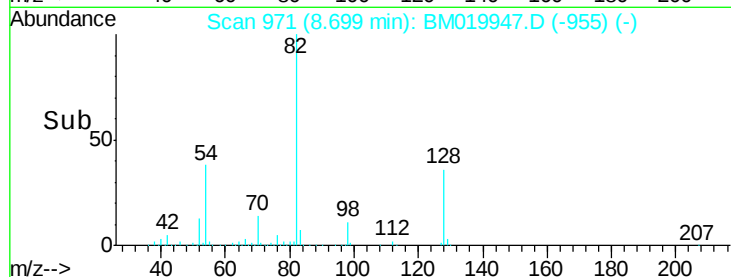
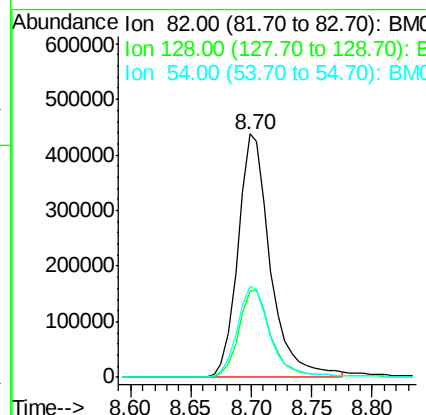
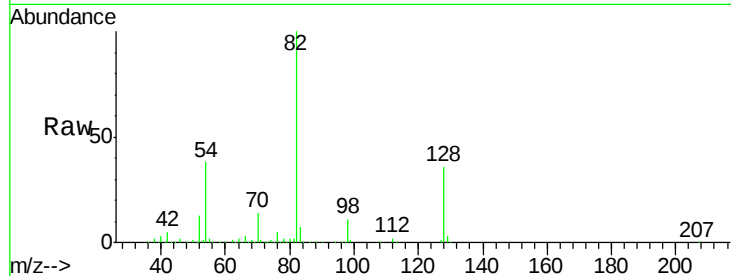




#23
 Nitrobenzene-d5
 Concen: 79.287 ng
 RT: 8.70 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BM019947.D
 Acq: 17 Apr 2019 20:28

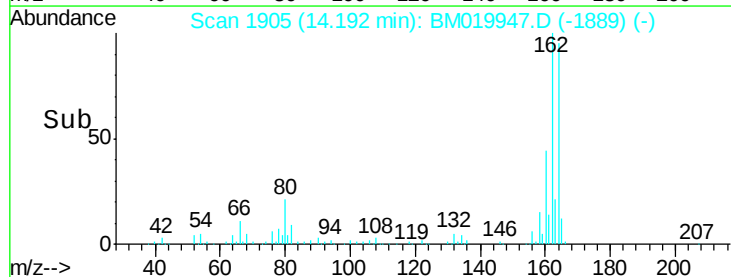
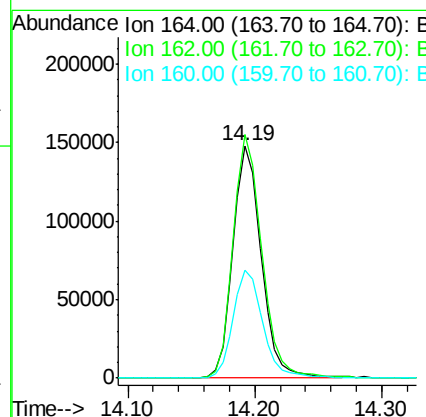
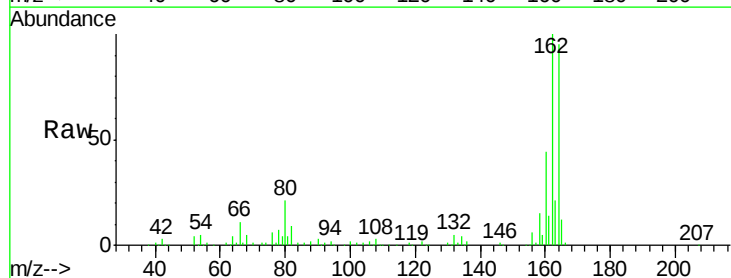
Instrument :
 BNA_M
 ClientSampleID :
 TP1-D

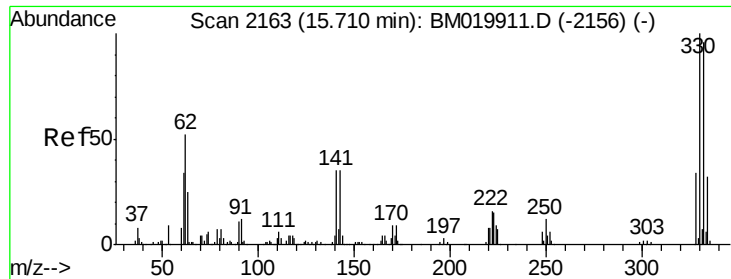
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.0	43.4
54	37.6	30.2	45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.19 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM019947.D
 Acq: 17 Apr 2019 20:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.0	124.4
160	46.6	36.6	55.0

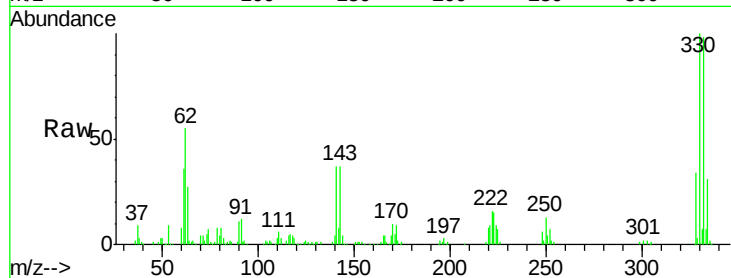




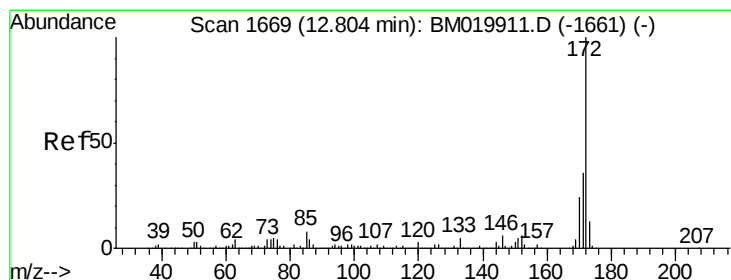
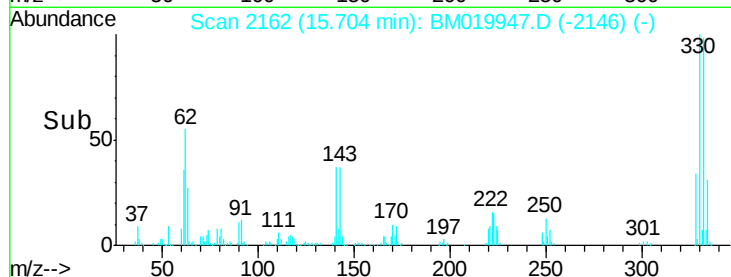
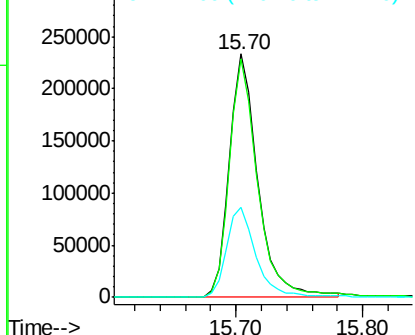
#42
 2,4,6-Tribromophenol
 Concen: 98.433 ng
 RT: 15.70 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BM019947.D
 Acq: 17 Apr 2019 20:28

Instrument :
 BNA_M
 ClientSampleId :
 TP1-D

Tgt Ion:330 Resp: 362823
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 38.1 29.0 43.4

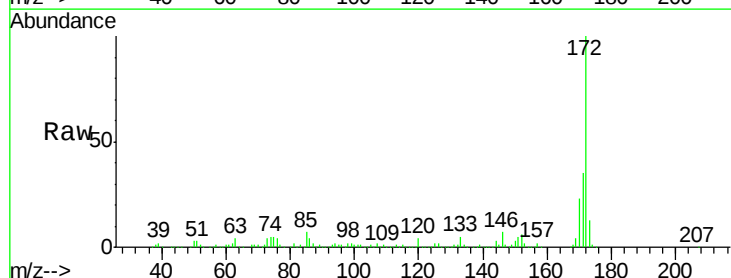


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

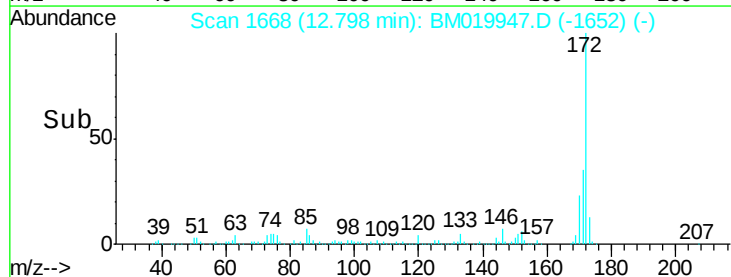
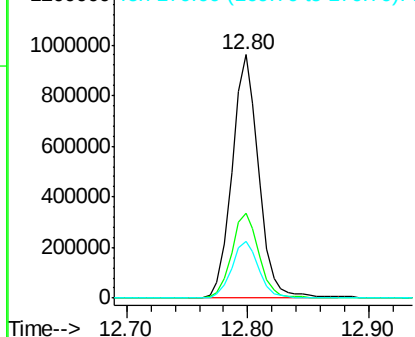


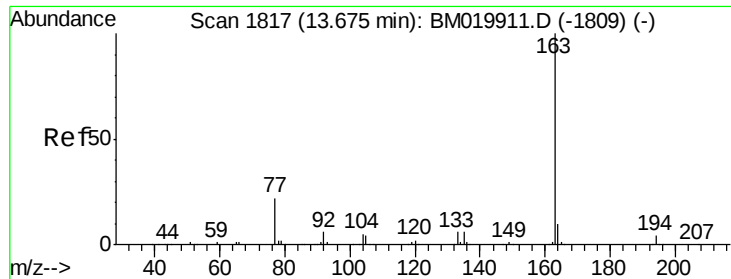
#45
 2-Fluorobiphenyl
 Concen: 80.580 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM019947.D
 Acq: 17 Apr 2019 20:28

Tgt Ion:172 Resp: 1480574
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.9 43.3
 170 23.2 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





#50

Dimethylphthalate

Concen: 4.874 ng

RT: 13.67 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BM019947.D

Acq: 17 Apr 2019 20:28

Instrument :

BNA_M

ClientSampleId :

TP1-D

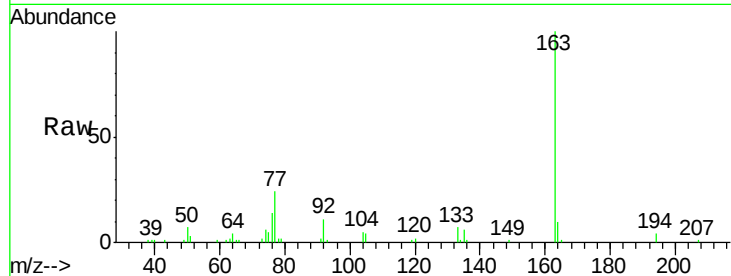
Tgt Ion:163 Resp: 98451

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

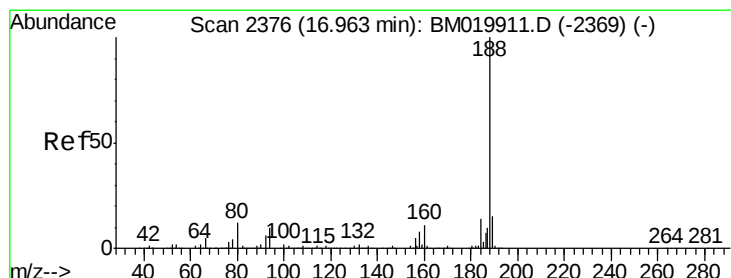
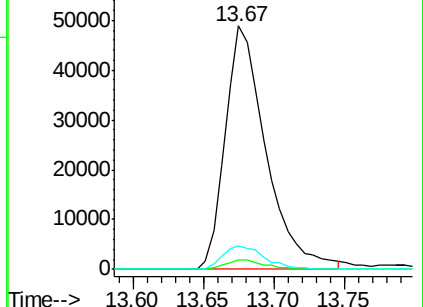
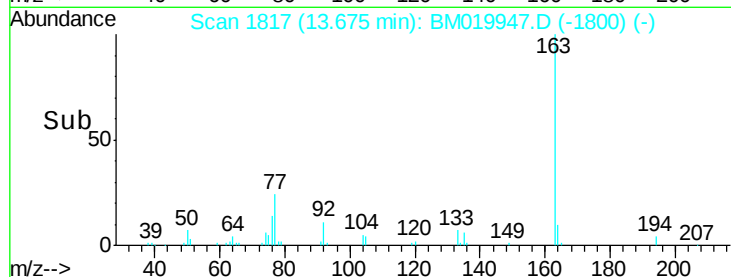
164 9.9 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.96 min Scan# 2375

Delta R.T. -0.01 min

Lab File: BM019947.D

Acq: 17 Apr 2019 20:28

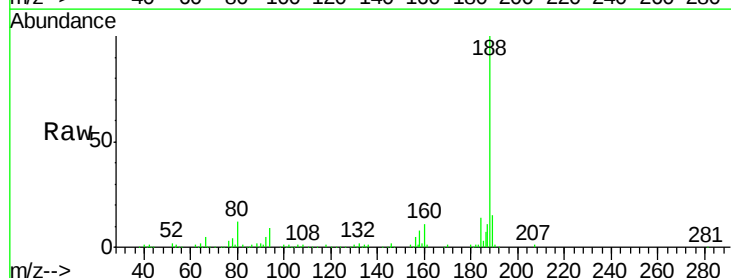
Tgt Ion:188 Resp: 426601

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

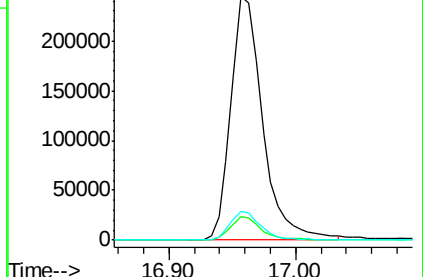
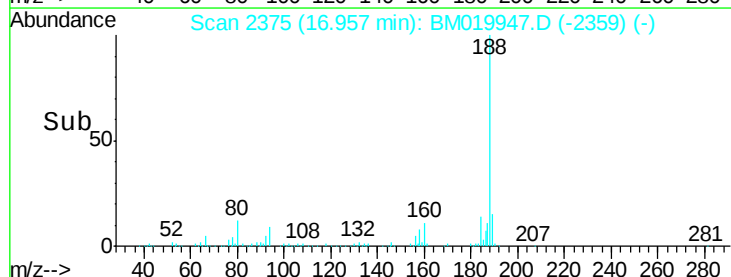
80 11.5 9.4 14.0

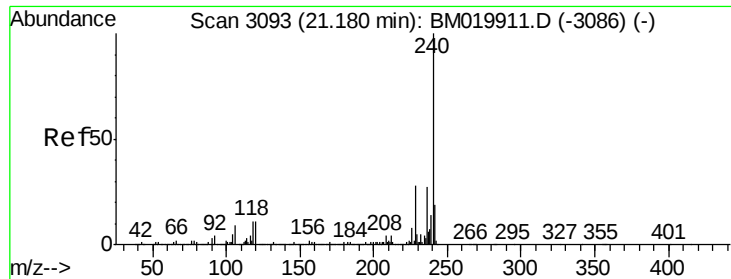


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

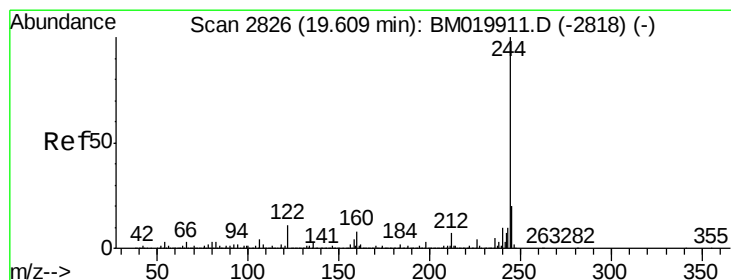
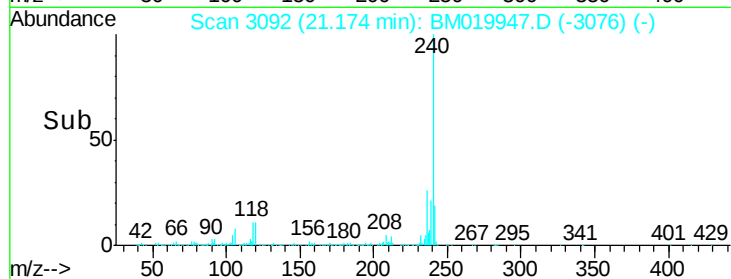
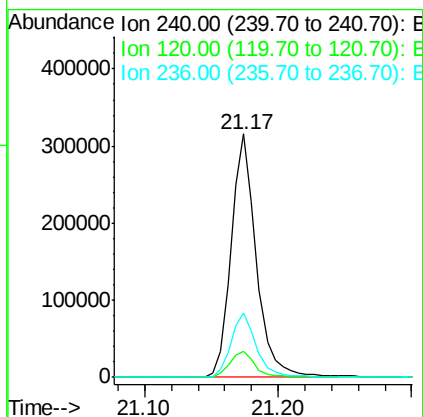
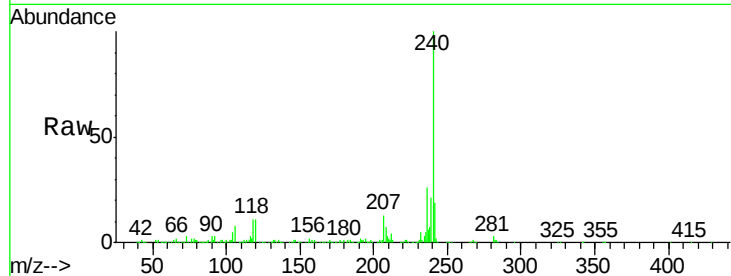




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM019947.D
Acq: 17 Apr 2019 20:28

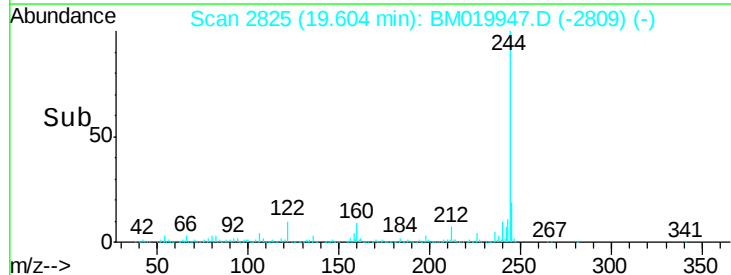
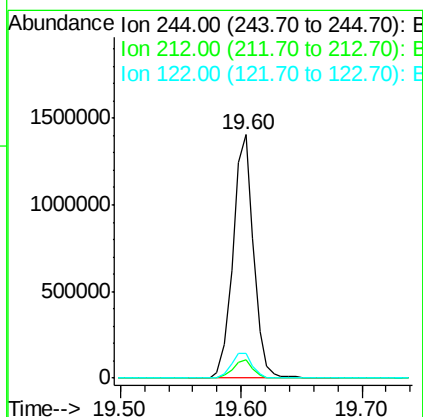
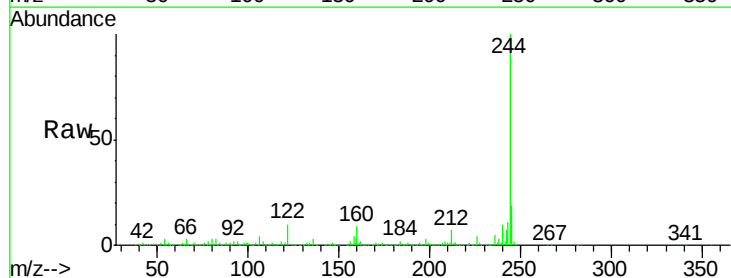
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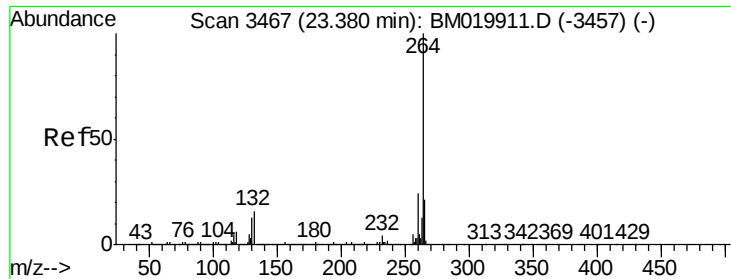
Tgt Ion:240 Resp: 415018
Ion Ratio Lower Upper
240 100
120 10.9 8.6 13.0
236 26.2 21.4 32.2



#79
Terphenyl-d14
Concen: 70.730 ng
RT: 19.60 min Scan# 2825
Delta R.T. -0.01 min
Lab File: BM019947.D
Acq: 17 Apr 2019 20:28

Tgt Ion:244 Resp: 1664248
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 10.1 9.1 13.7

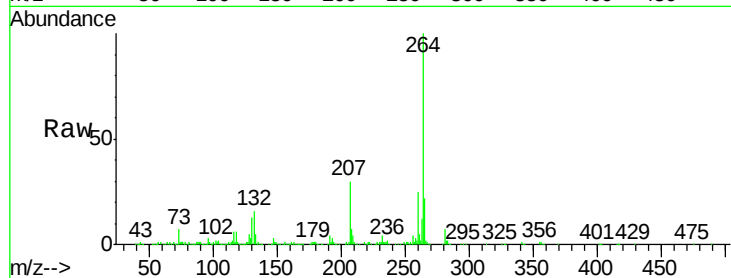




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM019947.D
Acq: 17 Apr 2019 20:28

Instrument :
BNA_M
ClientSampleId :
TP1-D

Tgt Ion:	264	Resp:	557801
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.2	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

