

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
 Data File : BM019998.D
 Acq On : 20 Apr 2019 08:30
 Operator : JU/SJ
 Sample : K2475-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-TRACK-70-71

Quant Time: Apr 21 22:08:39 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

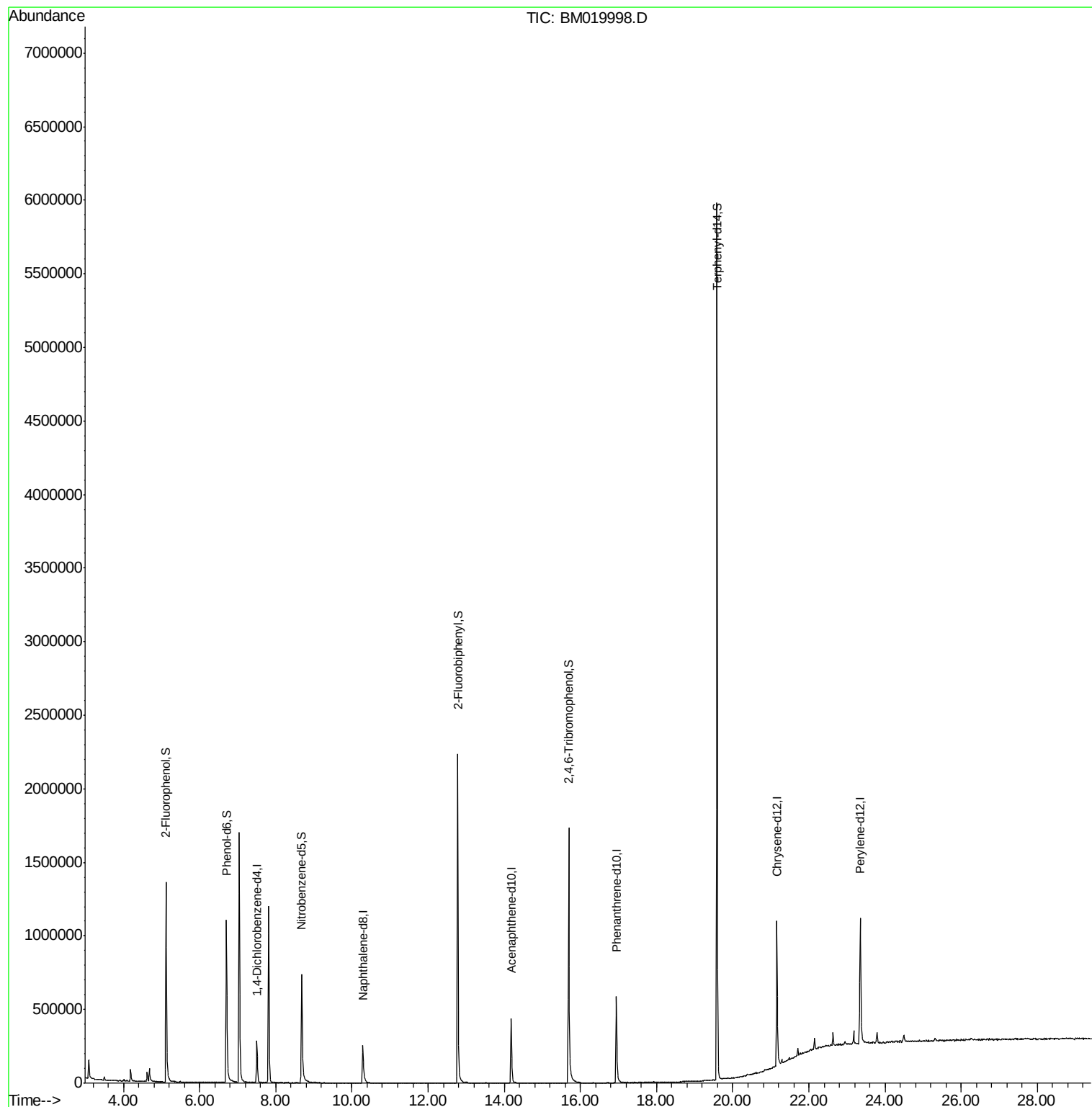
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	73753	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	274284	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	169402	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	410361	20.00	ng	0.00
76) Chrysene-d12	21.16	240	499456	20.00	ng	0.00
87) Perylene-d12	23.35	264	683168	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	613205	134.75	ng	-0.01
7) Phenol-d6	6.70	99	720754	105.24	ng	0.00
23) Nitrobenzene-d5	8.68	82	572297	93.31	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	383217	140.53	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	1217829	89.59	ng	0.00
79) Terphenyl-d14	19.59	244	2629316	92.85	ng	0.00
Target Compounds						
9) Benzaldehyde	6.70	77	2198	Below Cal	Qvalue #	7

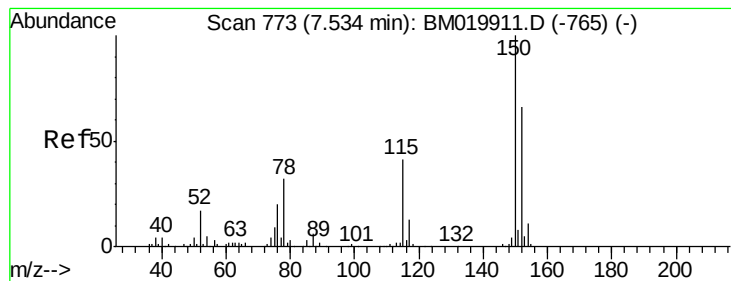
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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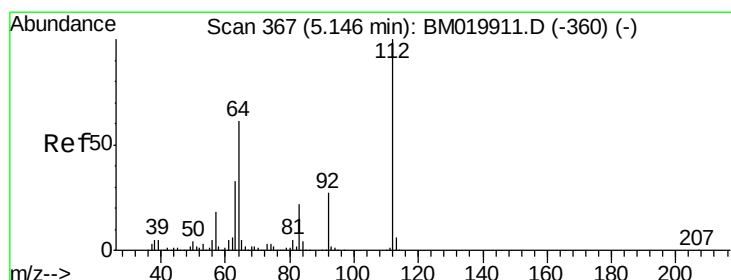
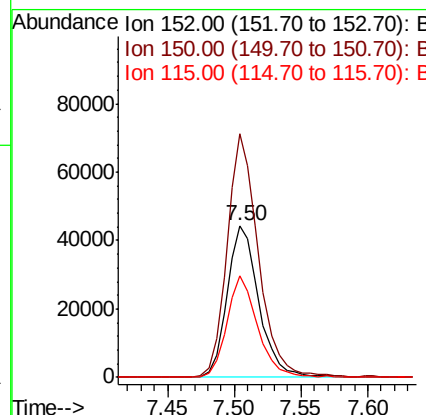
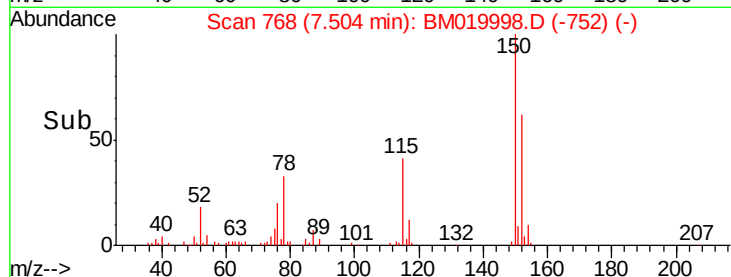
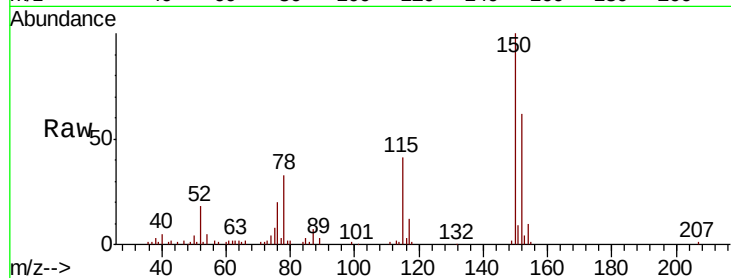


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM019998.D
Acq: 20 Apr 2019 08:30

Instrument :
BNA_M
ClientSampleId :
TP-TRACK-70-71

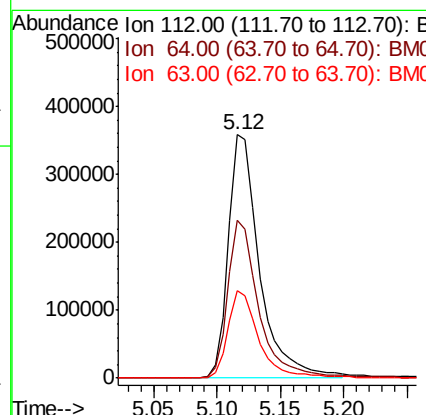
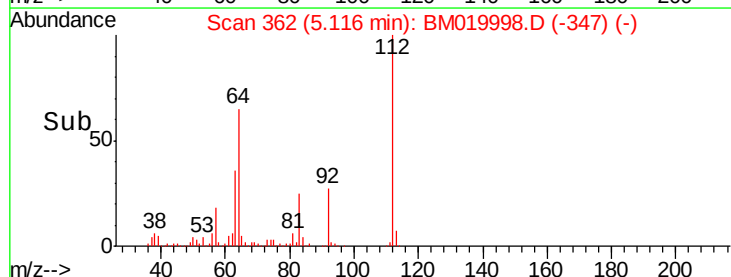
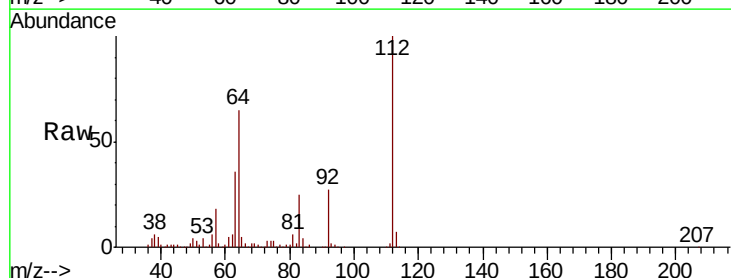
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.6	122.1	183.1
115	66.6	50.0	75.0

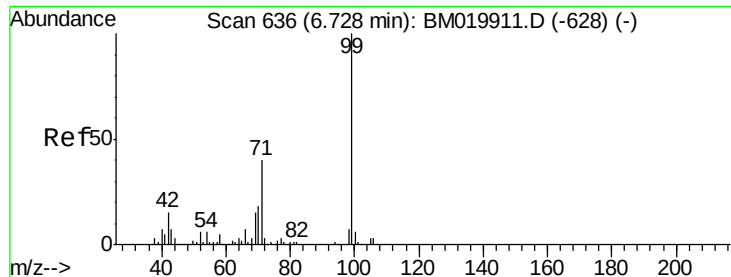


#5

2-Fluorophenol
Concen: 134.746 ng
RT: 5.12 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM019998.D
Acq: 20 Apr 2019 08:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	49.1	73.7
63	36.0	26.5	39.7





#7

Phenol-d6

Concen: 105.236 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM019998.D

Acq: 20 Apr 2019 08:30

Instrument :

BNA_M

ClientSampleId :

TP-TRACK-70-71

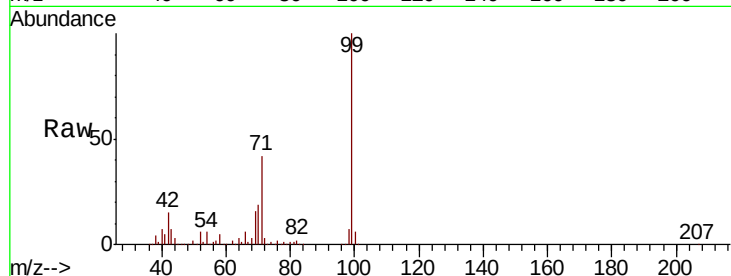
Tgt Ion: 99 Resp: 720754

Ion Ratio Lower Upper

99 100

42 15.3 11.8 17.8

71 41.7 32.0 48.0

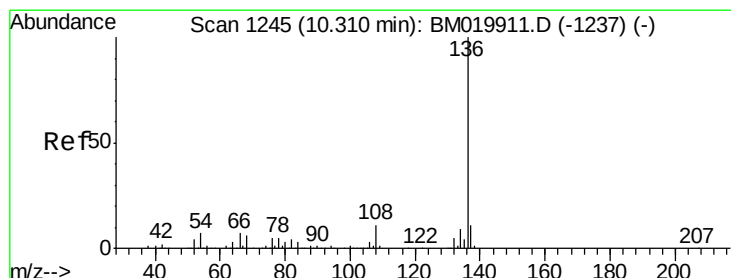
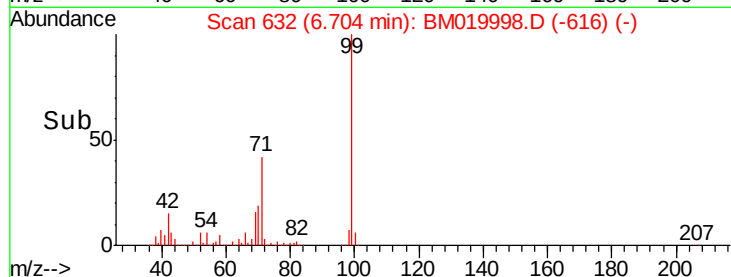
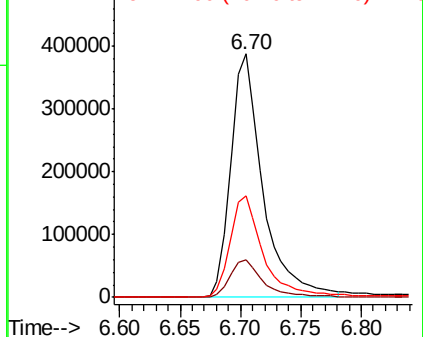


Abundance

Ion 99.00 (98.70 to 99.70): BM019998.D (-616) (-)

Ion 42.00 (41.70 to 42.70): BM019998.D (-616) (-)

Ion 71.00 (70.70 to 71.70): BM019998.D (-616) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BM019998.D

Acq: 20 Apr 2019 08:30

Tgt Ion: 136 Resp: 274284

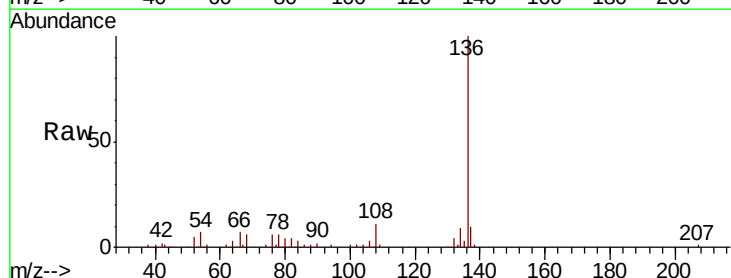
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.6

54 7.1 5.3 7.9

68 6.2 5.2 7.8



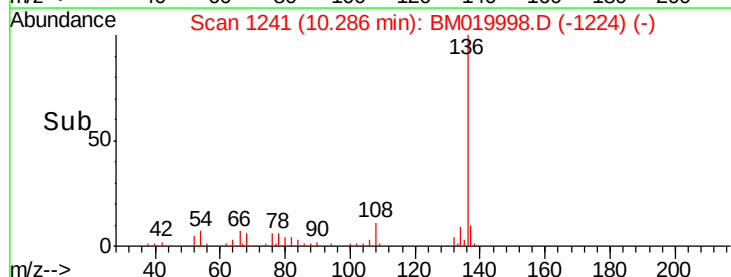
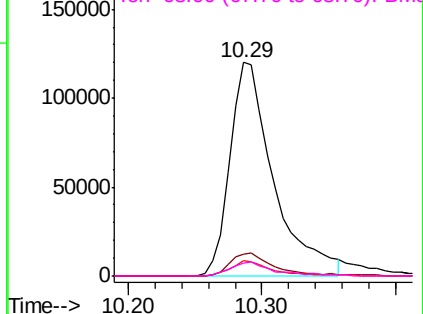
Abundance

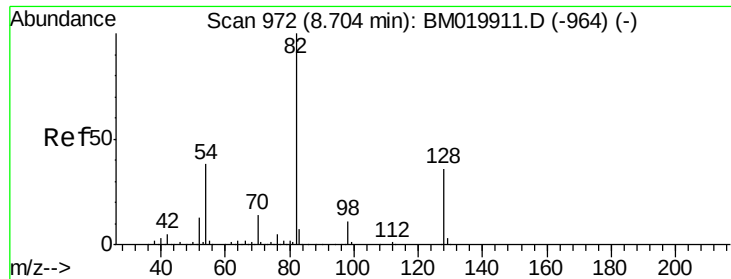
Ion 136.00 (135.70 to 136.70): BM019998.D (-1224) (-)

Ion 137.00 (136.70 to 137.70): BM019998.D (-1224) (-)

Ion 54.00 (53.70 to 54.70): BM019998.D (-1224) (-)

Ion 68.00 (67.70 to 68.70): BM019998.D (-1224) (-)

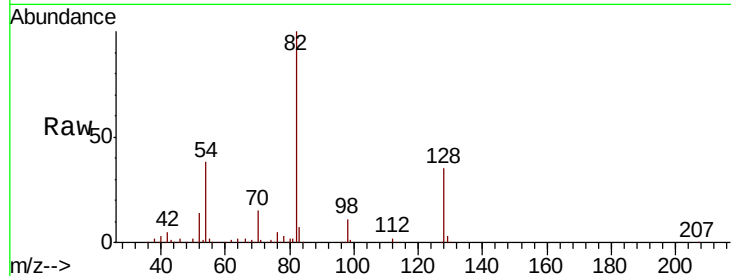




#23
 Nitrobenzene-d5
 Concen: 93.311 ng
 RT: 8.68 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM019998.D
 Acq: 20 Apr 2019 08:30

Instrument :
 BNA_M
 ClientSampleId :
 TP-TRACK-70-71

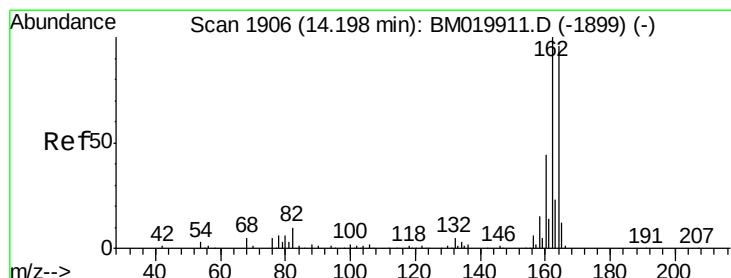
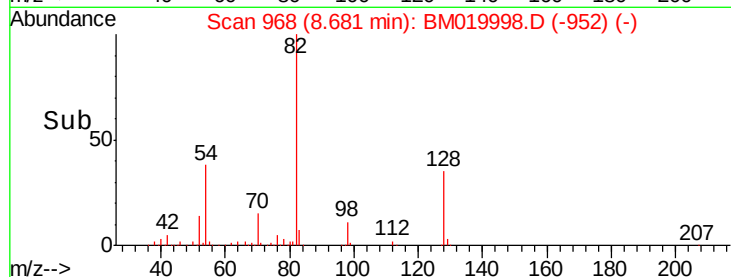
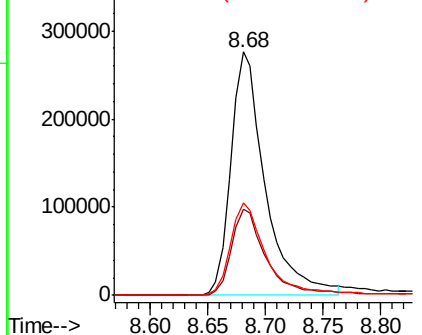
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.2	29.0	43.4
54	37.8	30.2	45.4



Abundance Ion 82.00 (81.70 to 82.70): BM019998.D (-952) (-)

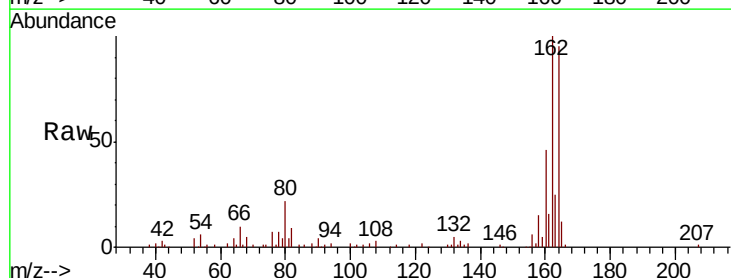
Ion 128.00 (127.70 to 128.70): BM019998.D (-952) (-)

Ion 54.00 (53.70 to 54.70): BM019998.D (-952) (-)



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.18 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: BM019998.D
 Acq: 20 Apr 2019 08:30

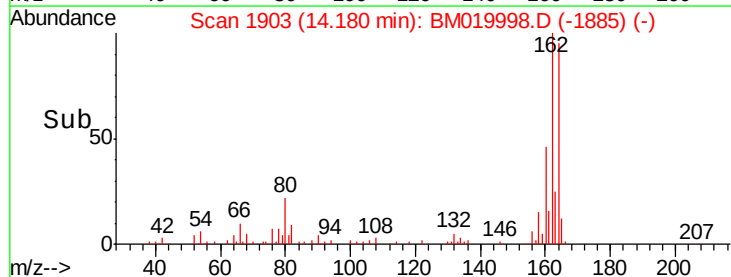
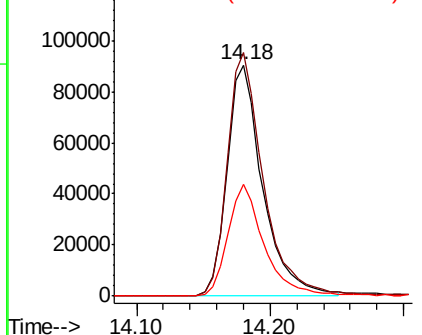
Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.0	124.4
160	48.4	36.6	55.0

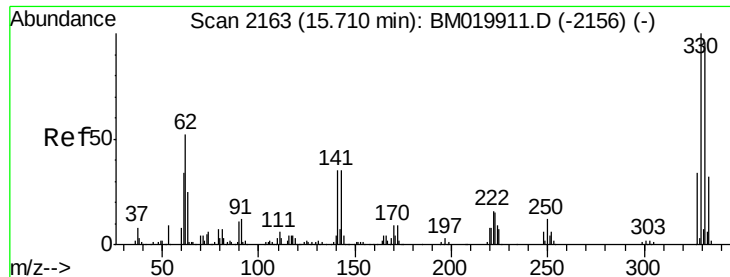


Abundance Ion 164.00 (163.70 to 164.70): BM019998.D (-1885) (-)

Ion 162.00 (161.70 to 162.70): BM019998.D (-1885) (-)

Ion 160.00 (159.70 to 160.70): BM019998.D (-1885) (-)

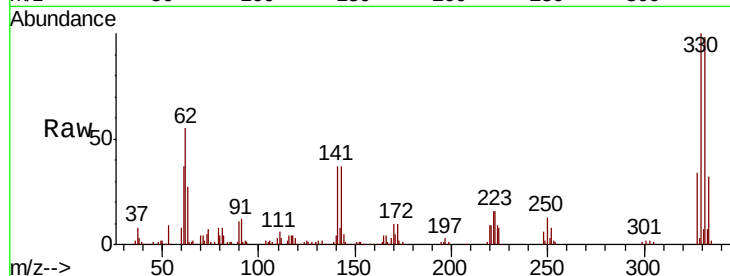




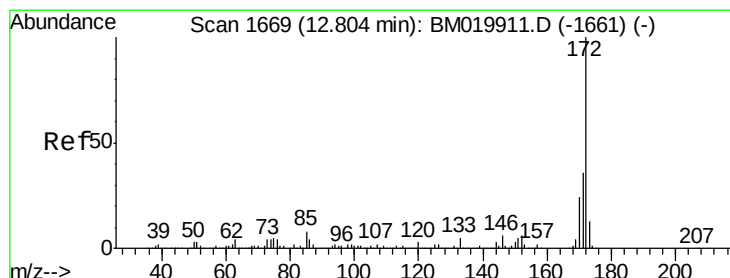
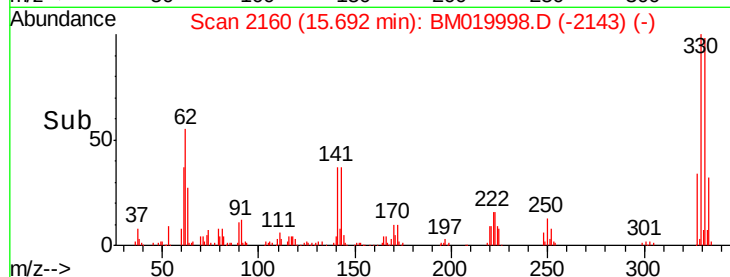
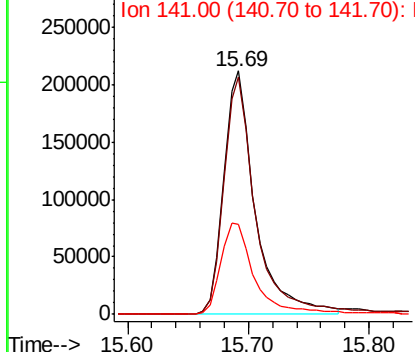
#42
 2,4,6-Tribromophenol
 Concen: 140.532 ng
 RT: 15.69 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BM019998.D
 Acq: 20 Apr 2019 08:30

Instrument :
 BNA_M
 ClientSampleId :
 TP-TRACK-70-71

Tgt Ion:330 Resp: 383217
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.2
 141 39.9 29.0 43.4

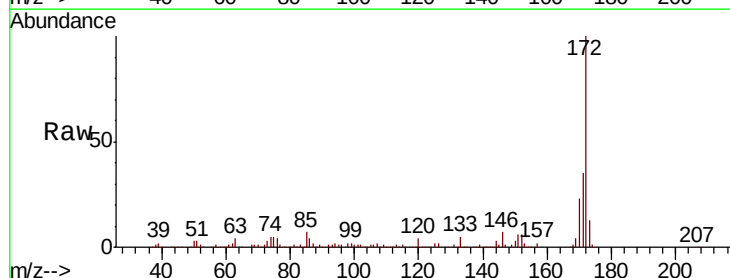


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

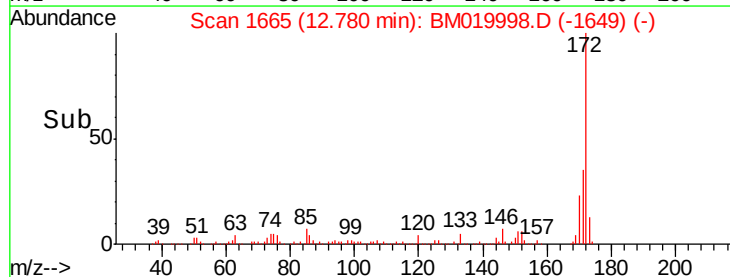
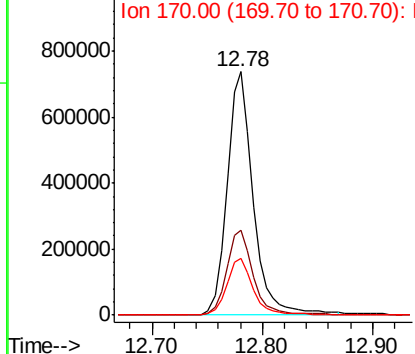


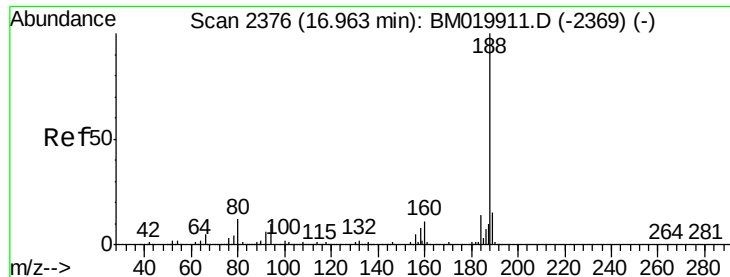
#45
 2-Fluorobiphenyl
 Concen: 89.591 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BM019998.D
 Acq: 20 Apr 2019 08:30

Tgt Ion:172 Resp: 1217829
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.9 43.3
 170 23.3 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: BM019998.D

Acq: 20 Apr 2019 08:30

Instrument :

BNA_M

ClientSampleId :

TP-TRACK-70-71

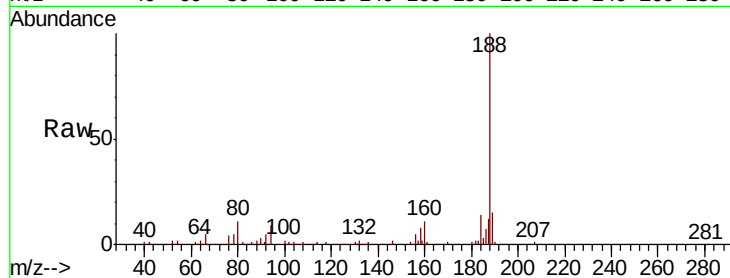
Tgt Ion:188 Resp: 410361

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

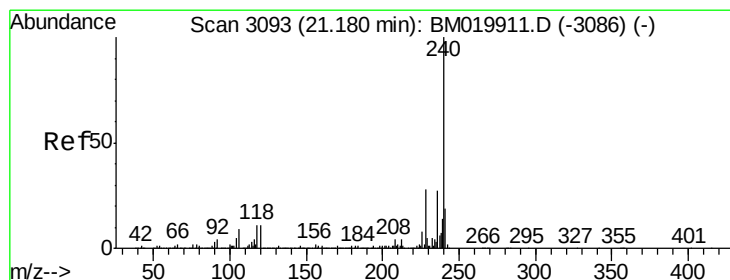
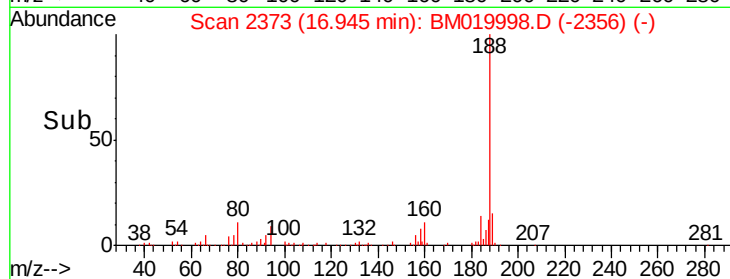
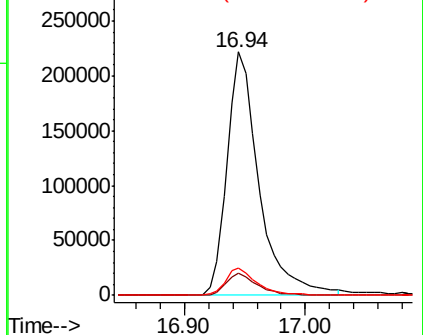
80 11.3 9.4 14.0



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: 21.16 min Scan# 3090

Delta R.T. -0.00 min

Lab File: BM019998.D

Acq: 20 Apr 2019 08:30

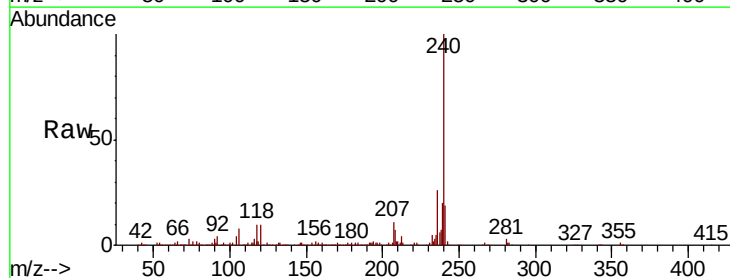
Tgt Ion:240 Resp: 499456

Ion Ratio Lower Upper

240 100

120 10.0 8.6 13.0

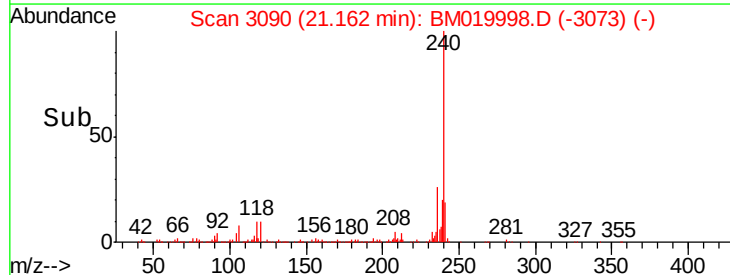
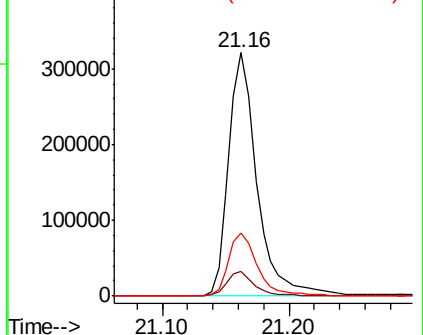
236 26.0 21.4 32.2

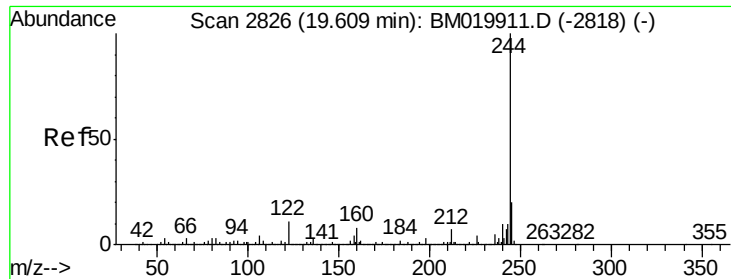


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.854 ng

RT: 19.59 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BM019998.D

Acq: 20 Apr 2019 08:30

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TP-TRACK-70-71

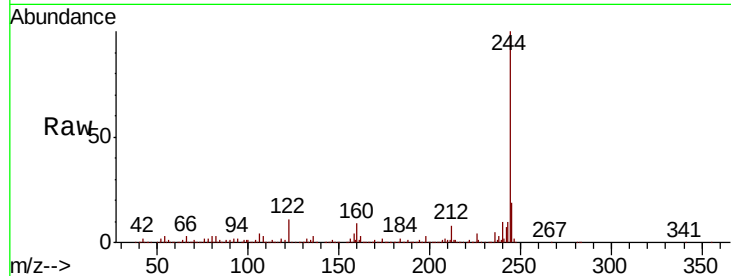
Tgt Ion:244 Resp: 2629316

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

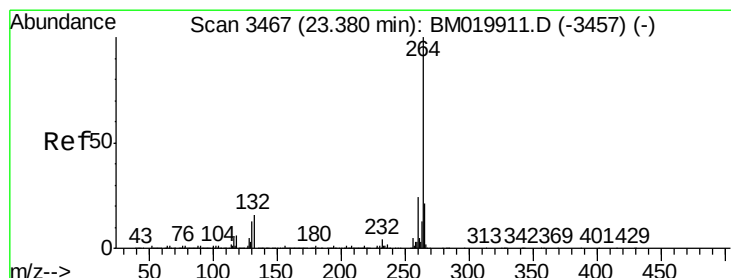
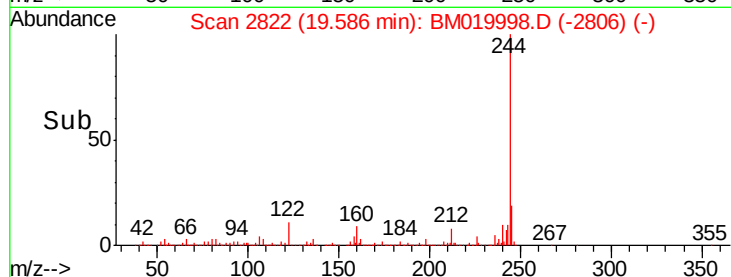
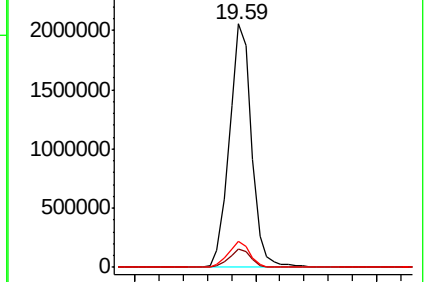
122 10.7 9.1 13.7



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: BM019998.D

Acq: 20 Apr 2019 08:30

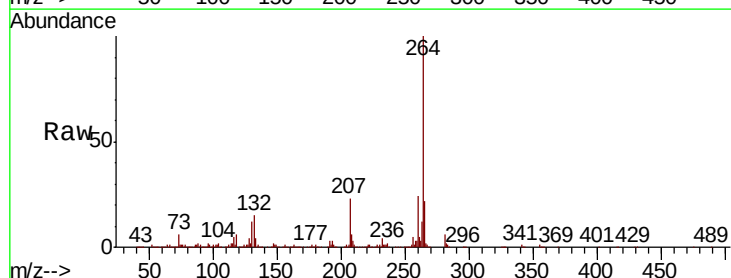
Tgt Ion:264 Resp: 683168

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.9 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

