

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
 Data File : BM019275.D
 Acq On : 20 Mar 2019 23:11
 Operator : JU/SJ
 Sample : K1987-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 21 17:15:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 17:06:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	172139	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	751521	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	511417	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	1147994	20.00	ng	0.00
76) Chrysene-d12	21.25	240	951523	20.00	ng	0.00
87) Perylene-d12	23.48	264	853455	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	390331	36.72	ng	0.00
7) Phenol-d6	6.82	99	326217	20.98	ng	0.00
23) Nitrobenzene-d5	8.80	82	901282	56.69	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	681763	90.29	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	2202543	56.02	ng	0.00
79) Terphenyl-d14	19.69	244	3532589	73.70	ng	0.00

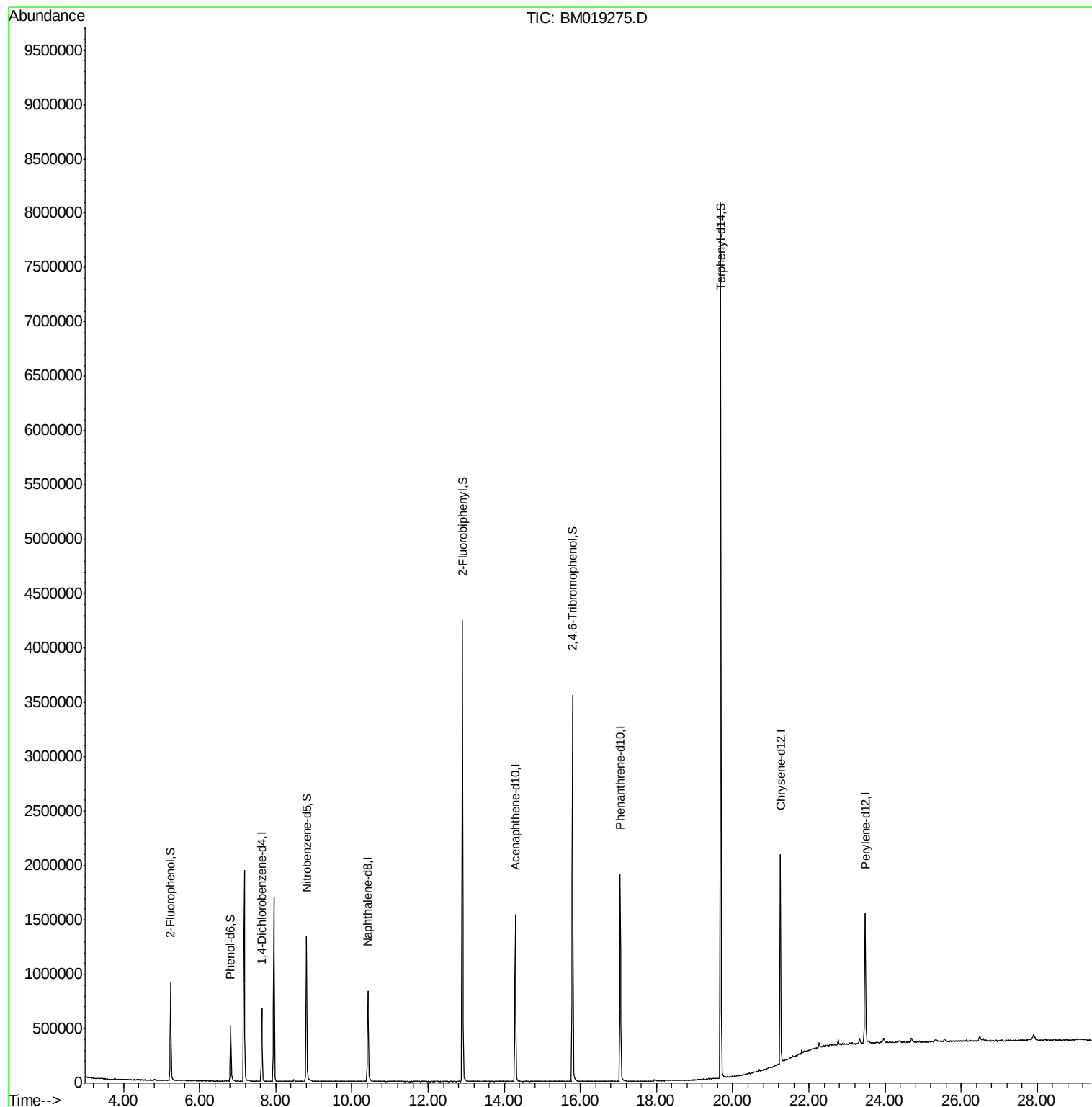
Target Compounds	Qvalue
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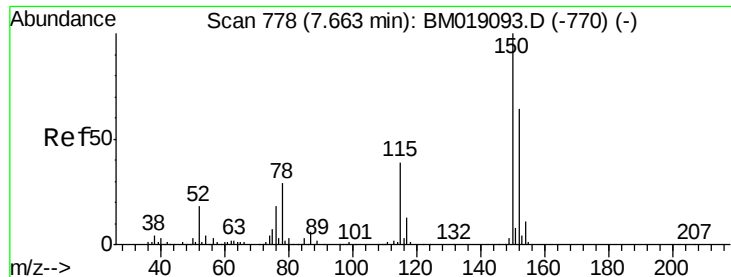
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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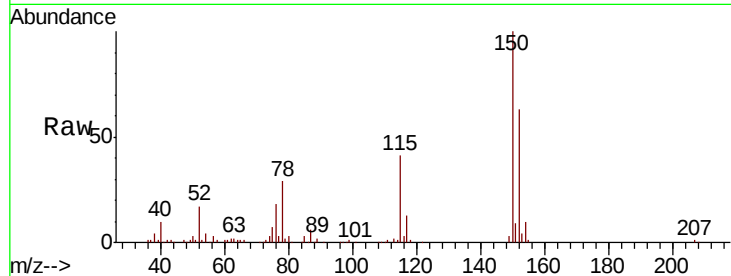


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. 0.00 min
Lab File: BM019275.D
Acq: 20 Mar 2019 23:11

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	123.8	185.6
115	63.9	48.9	73.3

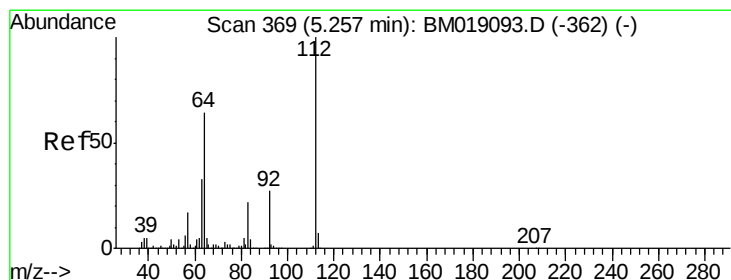
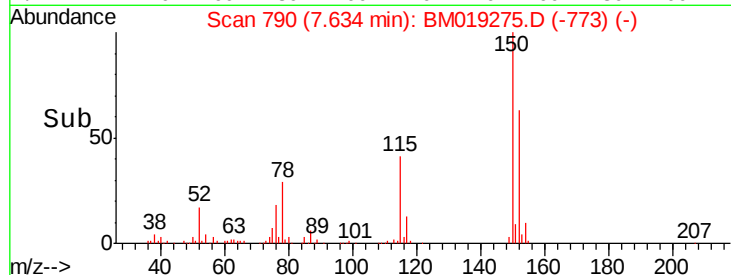
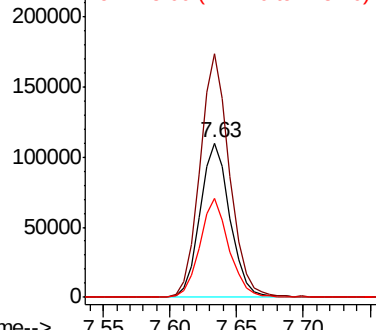


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

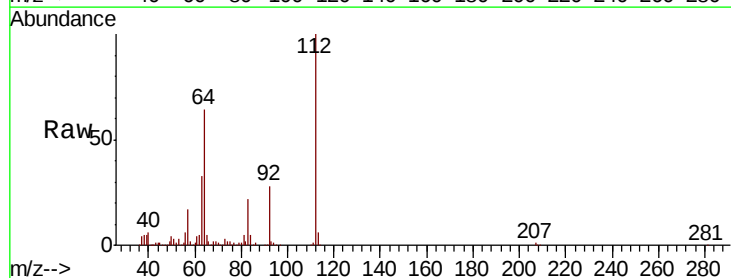
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 36.722 ng
RT: 5.23 min Scan# 382
Delta R.T. 0.00 min
Lab File: BM019275.D
Acq: 20 Mar 2019 23:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	50.6	75.8
63	32.7	25.8	38.6

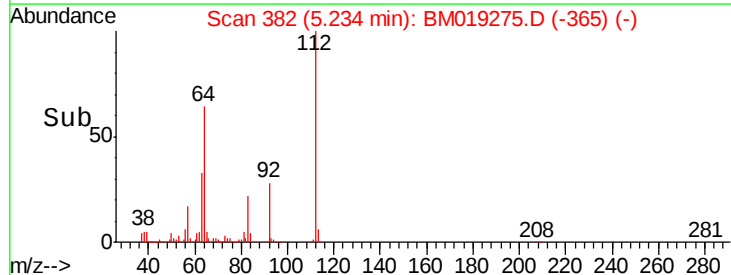
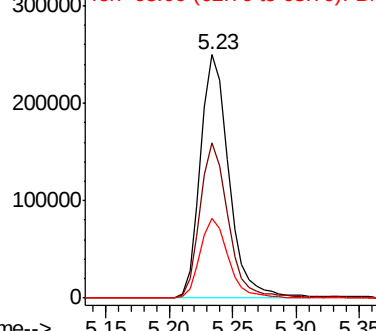


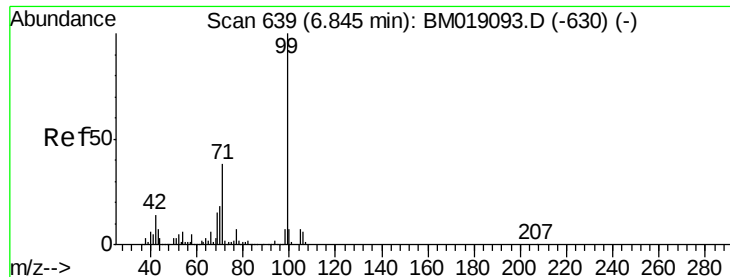
Abundance

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: 20.982 ng

RT: 6.82 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM019275.D

Acq: 20 Mar 2019 23:11

Instrument :

BNA_M

ClientSampleId :

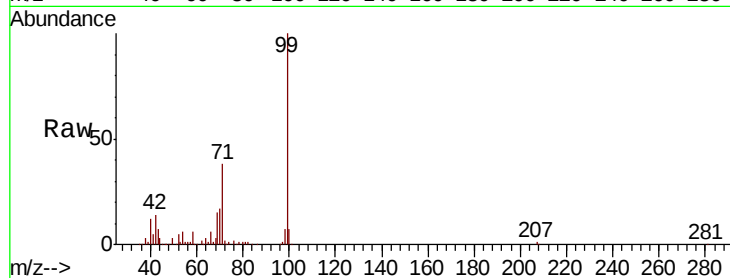
Tot Ion: 99 Resp: 326217

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

71 37.9 30.1 45.1

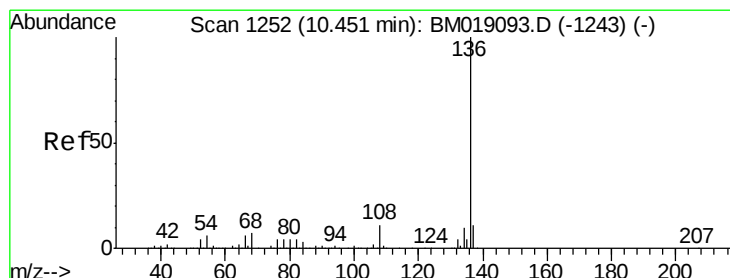
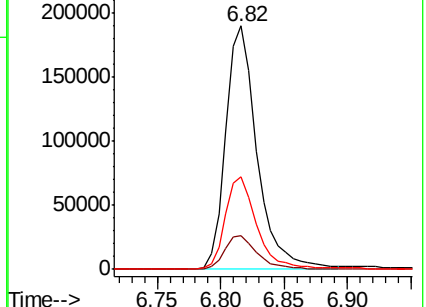
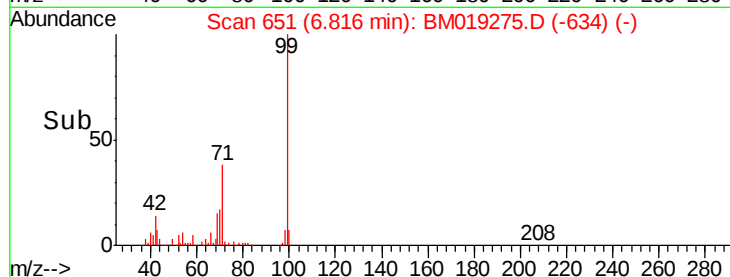


Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BM019275.D

Acq: 20 Mar 2019 23:11

Tgt Ion: 136 Resp: 751521

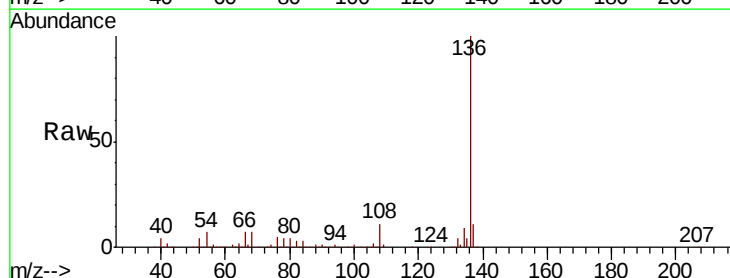
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 6.7 5.5 8.3

68 7.4 6.0 9.0



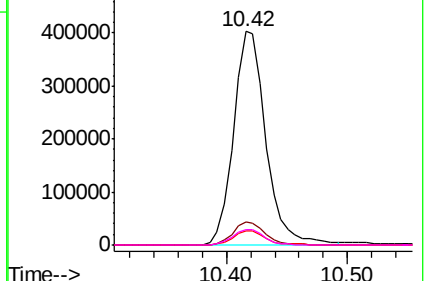
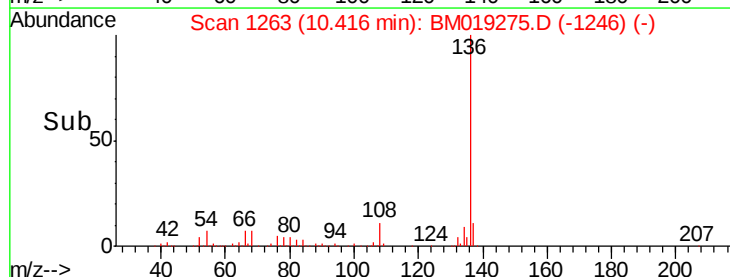
Abundance Ion 136.00 (135.70 to 136.70): BM019093.D (-1243) (-)

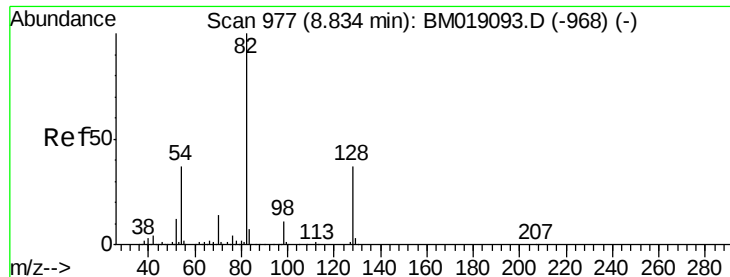
Ion 137.00 (136.70 to 137.70): BM019093.D (-1243) (-)

Ion 54.00 (53.70 to 54.70): BM019093.D (-1243) (-)

Ion 68.00 (67.70 to 68.70): BM019093.D (-1243) (-)

Time-->

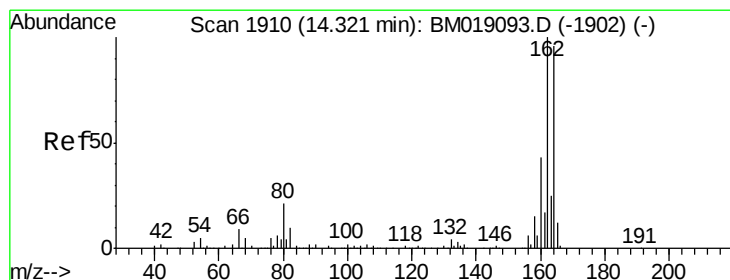
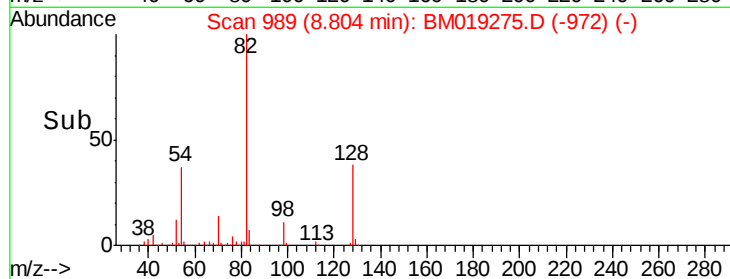
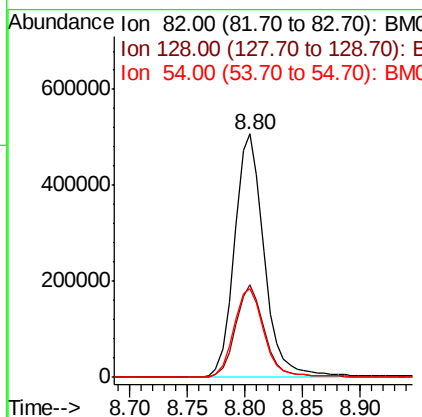
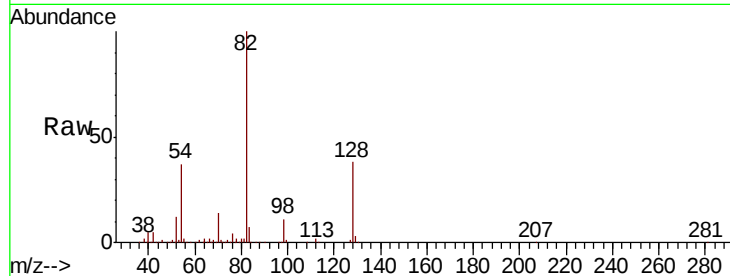




#23
 Nitrobenzene-d5
 Concen: 56.690 ng
 RT: 8.80 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BM019275.D
 Acq: 20 Mar 2019 23:11

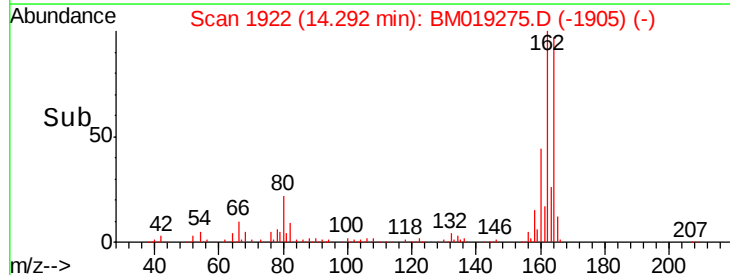
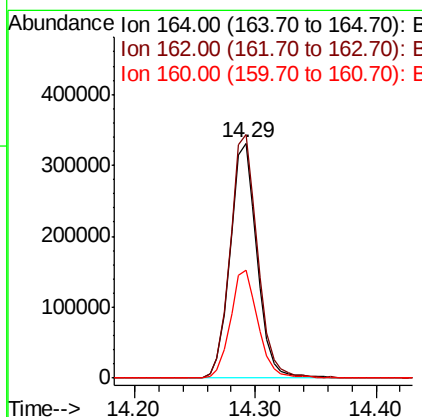
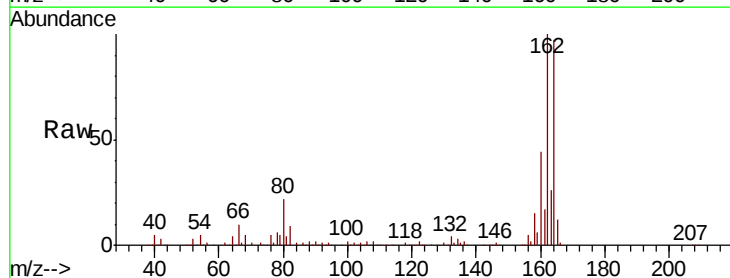
Instrument :
 BNA_M
 ClientSampleId :

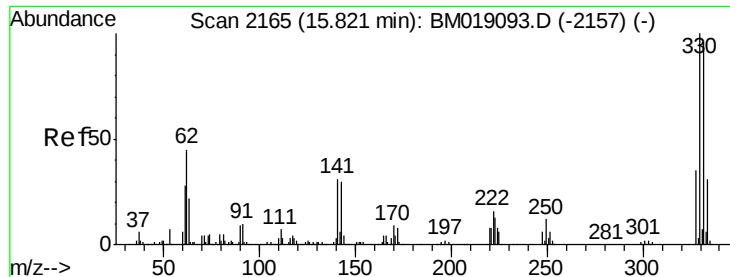
Tot Ion	82	Resp	901282
Ion Ratio	Lower	Upper	
82	100		
128	38.2	30.2	45.4
54	36.7	30.2	45.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: BM019275.D
 Acq: 20 Mar 2019 23:11

Tgt Ion	164	Resp	511417
Ion Ratio	Lower	Upper	
164	100		
162	103.6	84.1	126.1
160	46.0	36.5	54.7





#42

2,4,6-Tribromophenol

Concen: 90.289 ng

RT: 15.79 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BM019275.D

Acq: 20 Mar 2019 23:11

Instrument :

BNA_M

ClientSampleId :

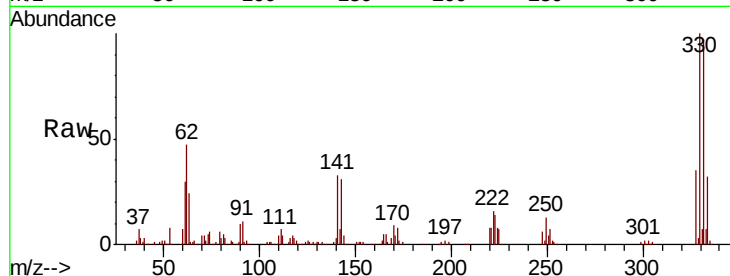
Tot Ion:330 Resp: 681763

Ion Ratio Lower Upper

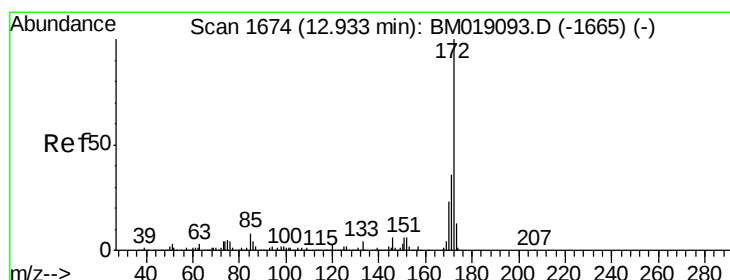
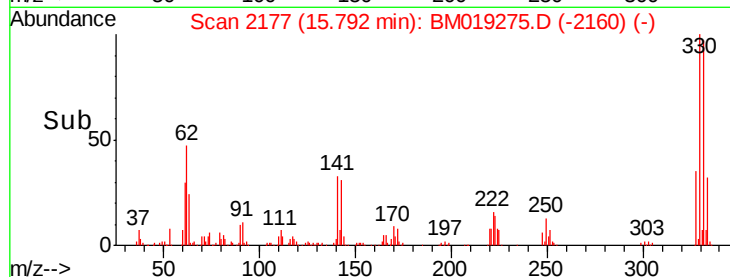
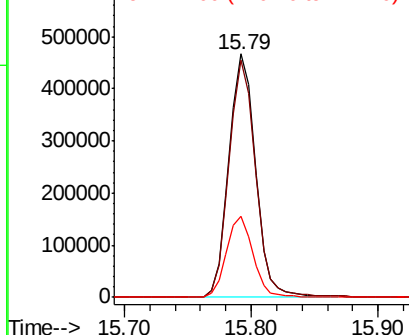
330 100

332 96.8 77.6 116.4

141 33.2 25.7 38.5



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: 56.020 ng

RT: 12.90 min Scan# 1686

Delta R.T. 0.00 min

Lab File: BM019275.D

Acq: 20 Mar 2019 23:11

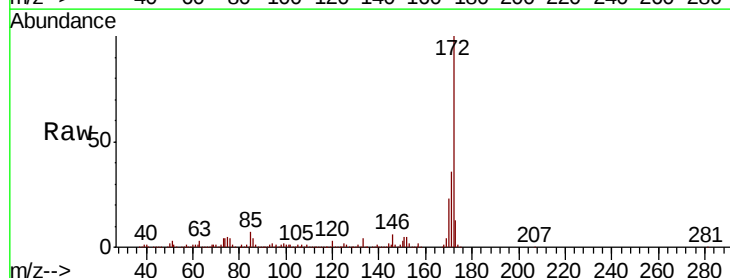
Tgt Ion:172 Resp: 2202543

Ion Ratio Lower Upper

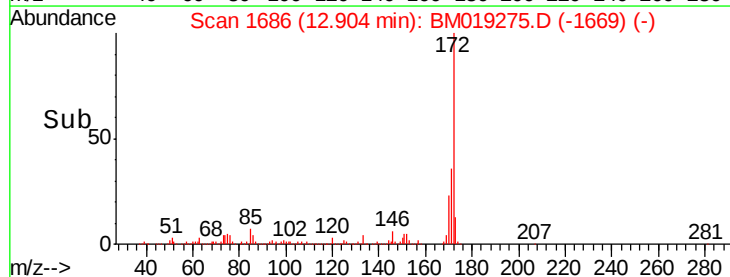
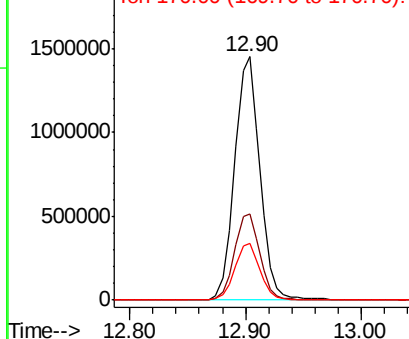
172 100

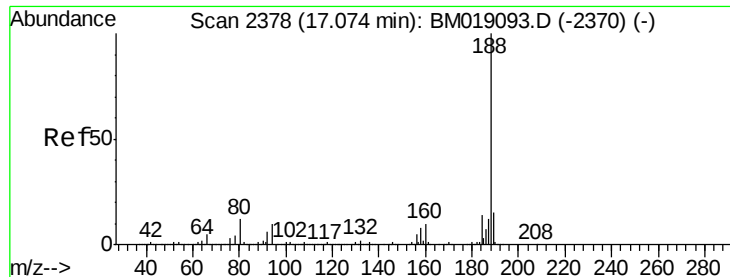
171 35.5 29.0 43.4

170 23.3 18.9 28.3



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

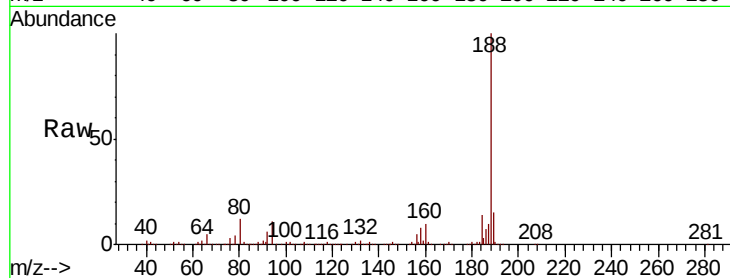




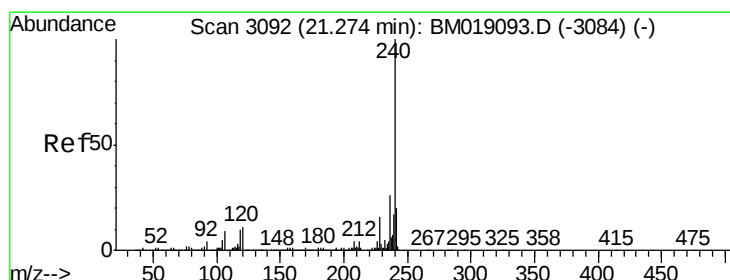
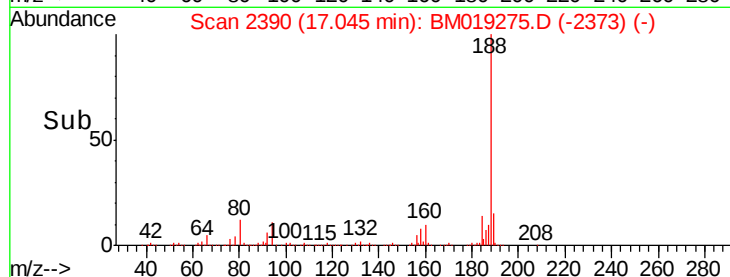
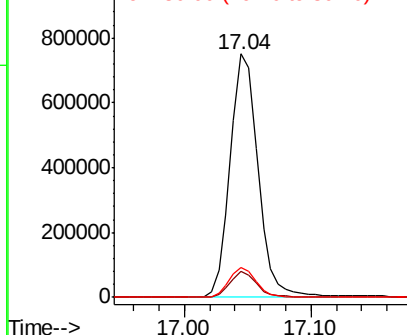
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BM019275.D
Acq: 20 Mar 2019 23:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 1147994
Ion Ratio Lower Upper
188 100
94 10.6 8.7 13.1
80 12.4 9.8 14.8

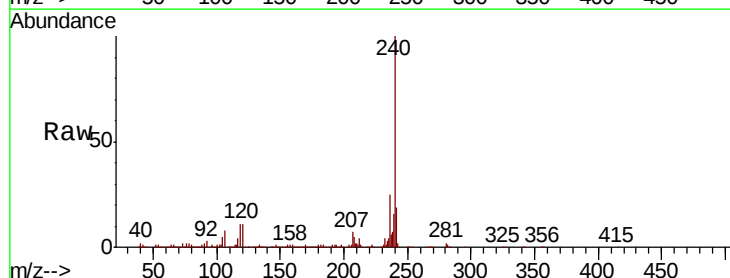


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

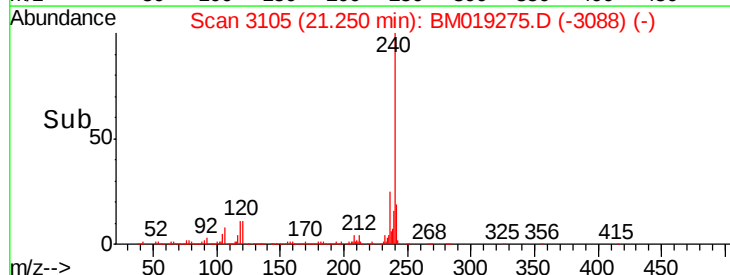
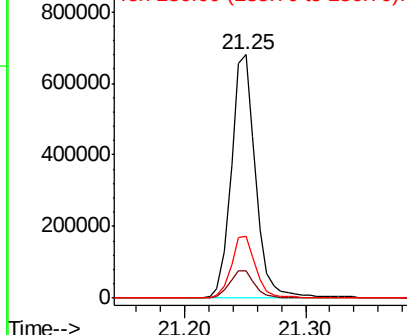


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BM019275.D
Acq: 20 Mar 2019 23:11

Tgt Ion:240 Resp: 951523
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 25.5 20.3 30.5



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: 73.702 ng

RT: 19.69 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BM019275.D

Acq: 20 Mar 2019 23:11

Instrument :

BNA_M

ClientSampleId :

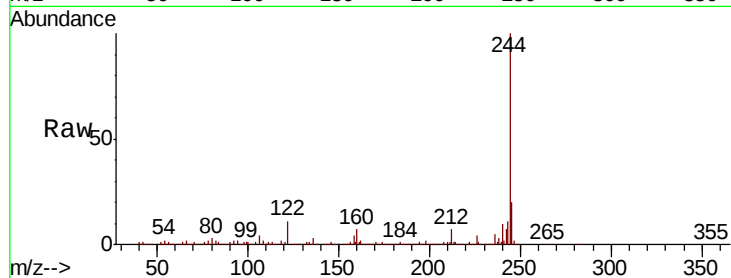
Tot Ion:244 Resp: 3532589

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

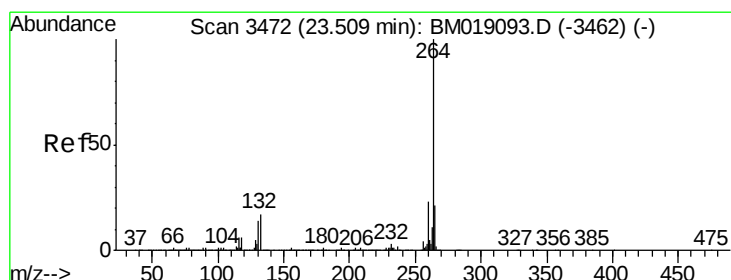
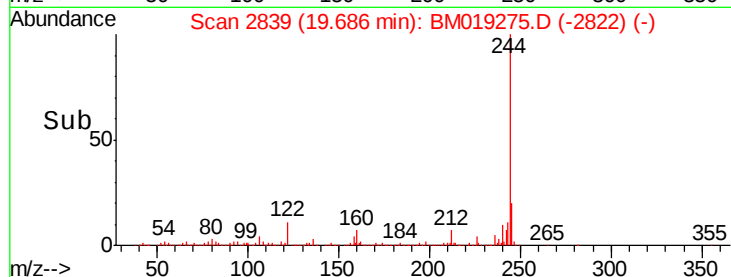
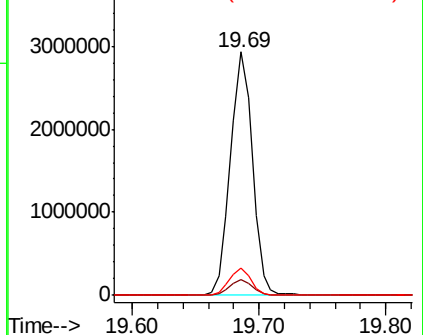
122 11.1 9.6 14.4



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: 23.48 min Scan# 3484

Delta R.T. 0.01 min

Lab File: BM019275.D

Acq: 20 Mar 2019 23:11

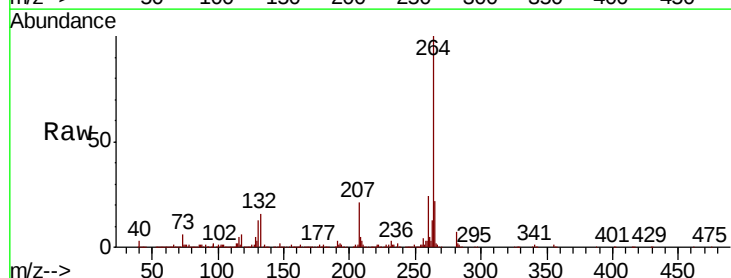
Tgt Ion:264 Resp: 853455

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 21.6 17.6 26.4



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

