

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
 Data File : BM022449.D
 Acq On : 30 Aug 2019 20:07
 Operator : HP/JU
 Sample : K4573-13RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 31 00:09:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 16:51:32 2019
 Response via : Initial Calibration

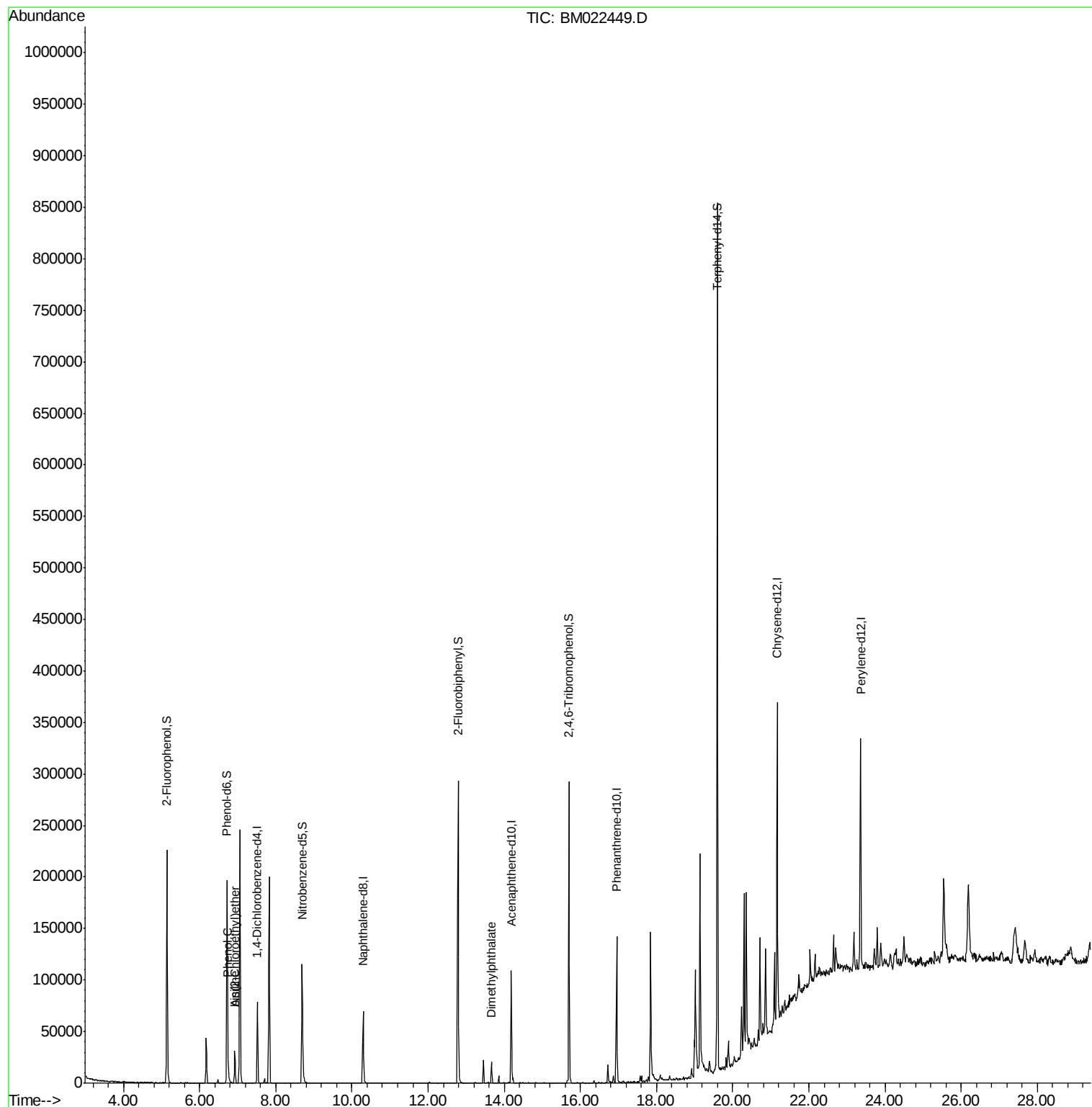
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	16770	20.00	ng	-0.01
21) Naphthalene-d8	10.29	136	57696	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	34998	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	80172	20.00	ng	0.00
76) Chrysene-d12	21.17	240	118711	20.00	ng	0.00
87) Perylene-d12	23.36	264	154646	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	79224	82.92	ng	0.00
7) Phenol-d6	6.72	99	96973	75.90	ng	0.00
23) Nitrobenzene-d5	8.69	82	67760	51.44	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	47534	66.37	ng	0.00
45) 2-Fluorobiphenyl	12.79	172	144795	46.87	ng	0.00
79) Terphenyl-d14	19.59	244	338354	37.62	ng	-0.01
Target Compounds						
6) Aniline	6.93	93	9463	5.812	ng	# 53
10) Phenol	6.75	94	2915	2.271	ng	# 75
11) bis(2-Chloroethyl)ether	6.93	93	9464	9.771	ng	# 23
50) Dimethylphthalate	13.66	163	14018	4.605	ng	97

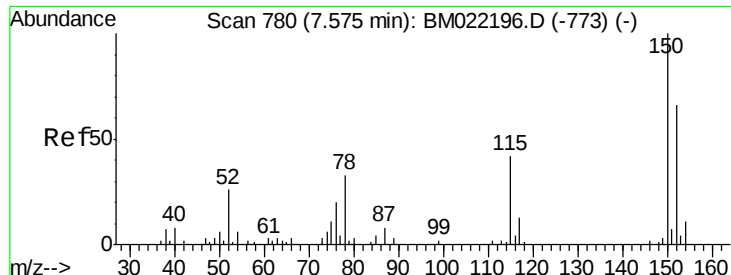
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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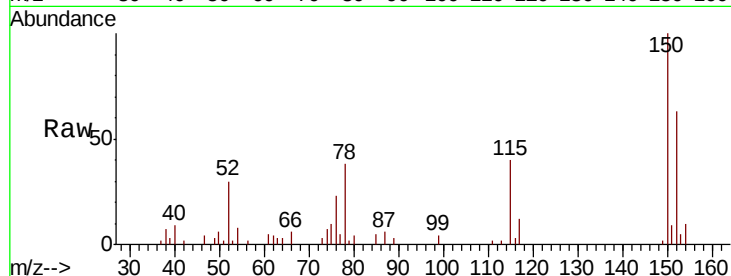


#1

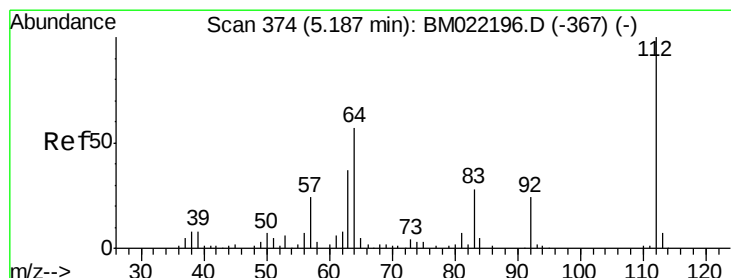
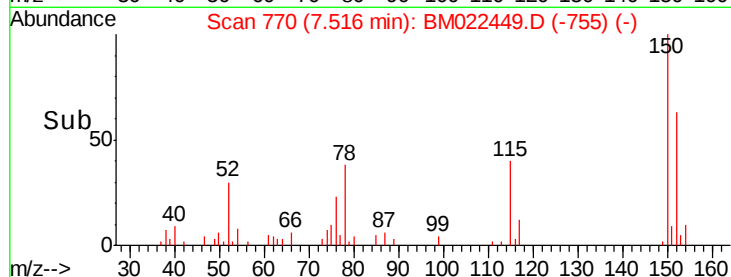
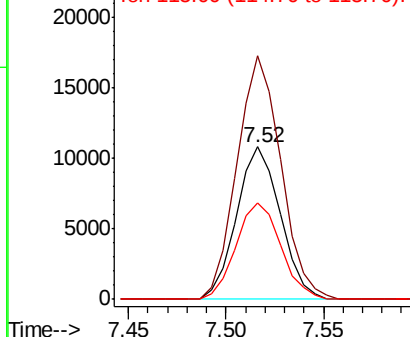
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.52 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BM022449.D
 Acq: 30 Aug 2019 20:07

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:152 Resp: 16770
 Ion Ratio Lower Upper
 152 100
 150 159.6 125.4 188.0
 115 63.2 50.3 75.5



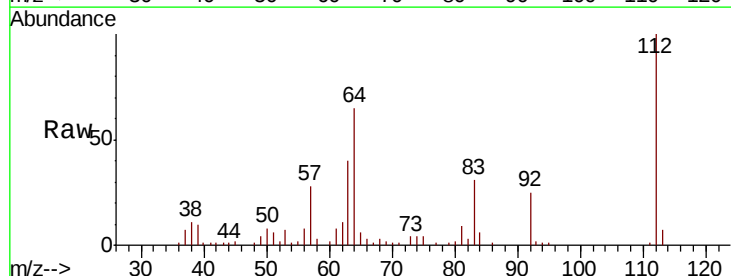
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



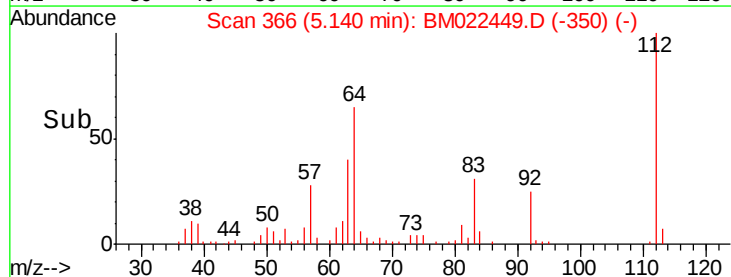
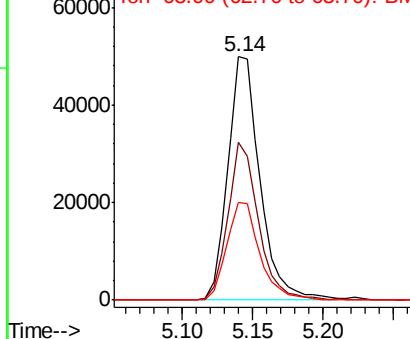
#5

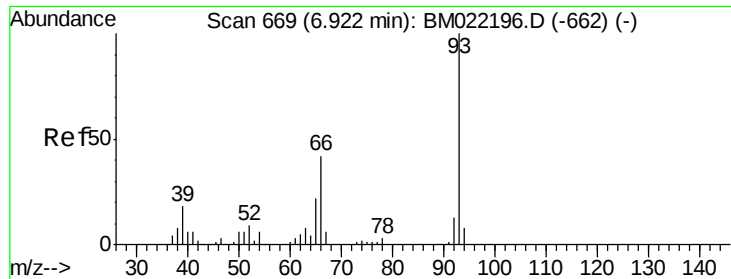
2-Fluorophenol
 Concen: 82.924 ng
 RT: 5.14 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: BM022449.D
 Acq: 30 Aug 2019 20:07

Tgt Ion:112 Resp: 79224
 Ion Ratio Lower Upper
 112 100
 64 64.8 45.4 68.2
 63 40.2 34.5 51.7



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





#6

Aniline

Concen: 5.812 ng

RT: 6.93 min Scan# 670

Delta R.T. 0.05 min

Lab File: BM022449.D

Acq: 30 Aug 2019 20:07

Instrument :

BNA_M

ClientSampled :

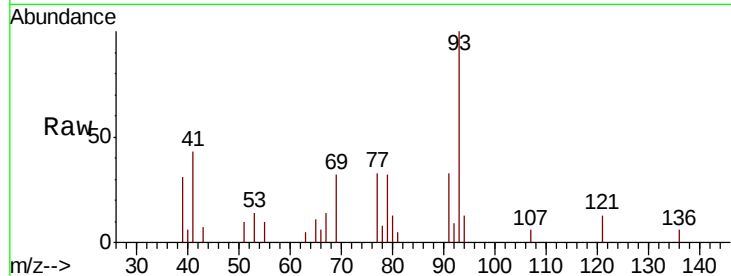
Tot Ion: 93 Resp: 9463

Ion Ratio Lower Upper

93 100

66 6.4 34.7 52.1#

65 10.5 18.8 28.2#



Abundance Ion 93.00 (92.70 to 93.70): BM022196.D (-662) (-)

Ion 66.00 (65.70 to 66.70): BM022196.D (-662) (-)

Ion 65.00 (64.70 to 65.70): BM022196.D (-662) (-)

6.93

8000

6000

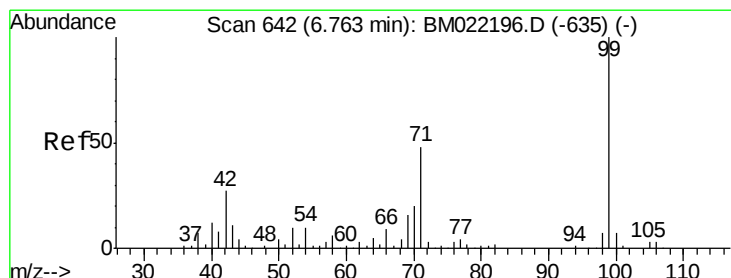
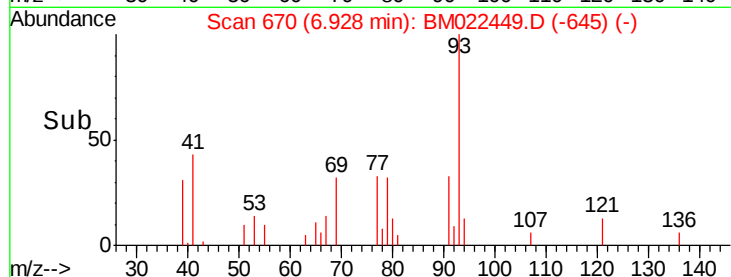
4000

2000

0

6.88 6.90 6.92 6.94 6.96

Time-->



#7

Phenol-d6

Concen: 75.903 ng

RT: 6.72 min Scan# 634

Delta R.T. -0.01 min

Lab File: BM022449.D

Acq: 30 Aug 2019 20:07

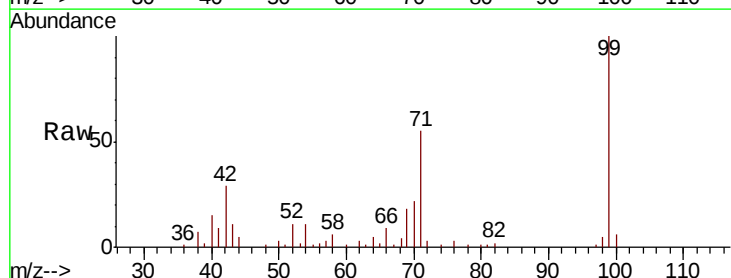
Tgt Ion: 99 Resp: 96973

Ion Ratio Lower Upper

99 100

42 29.0 26.3 39.5

71 55.4 46.6 69.8



Abundance Ion 99.00 (98.70 to 99.70): BM022196.D (-635) (-)

Ion 42.00 (41.70 to 42.70): BM022196.D (-635) (-)

Ion 71.00 (70.70 to 71.70): BM022196.D (-635) (-)

6.72

60000

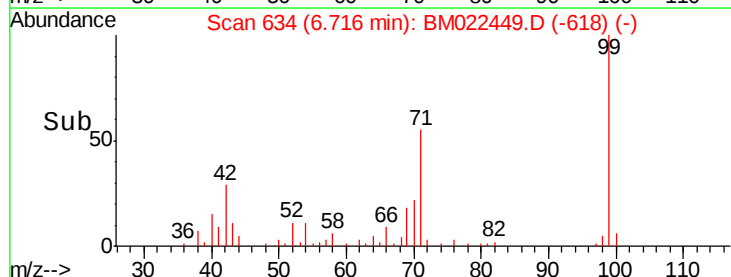
40000

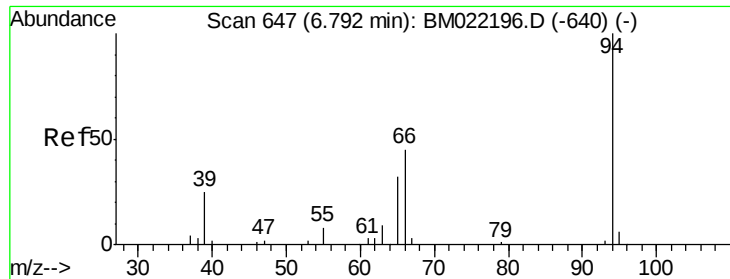
20000

0

6.65 6.70 6.75 6.80

Time-->





#10

Phenol

Concen: 2.271 ng

RT: 6.75 min Scan# 639

Delta R.T. -0.01 min

Lab File: BM022449.D

Acq: 30 Aug 2019 20:07

Instrument :

BNA_M

ClientSampleId :

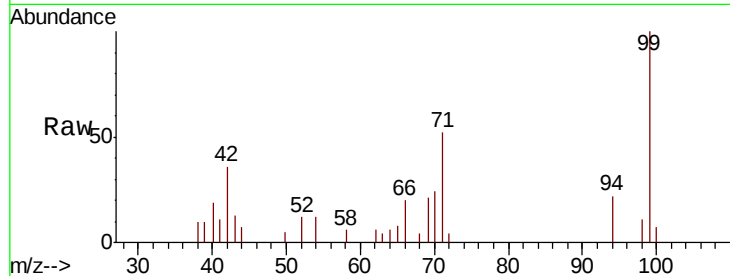
Tot Ion: 94 Resp: 2915

Ion Ratio Lower Upper

94 100

65 37.9 17.7 57.7

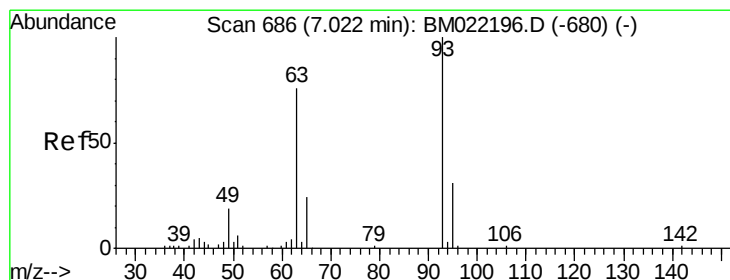
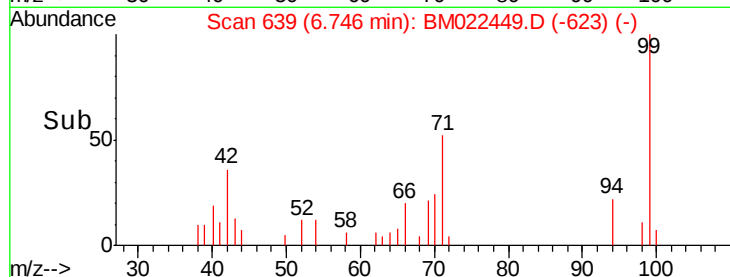
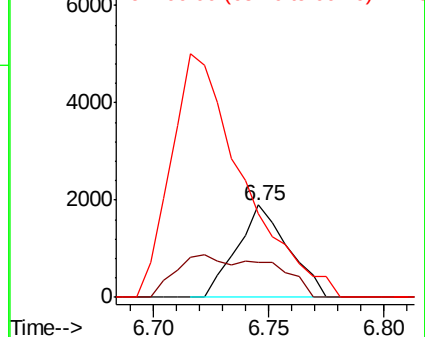
66 90.1 39.6 79.6#



Abundance Ion 94.00 (93.70 to 94.70): BM022196.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BM022196.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BM022196.D (-640) (-)



#11

bis(2-Chloroethyl)ether

Concen: 9.771 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.05 min

Lab File: BM022449.D

Acq: 30 Aug 2019 20:07

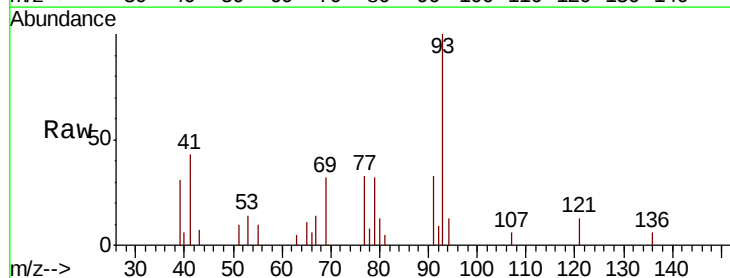
Tgt Ion: 93 Resp: 9464

Ion Ratio Lower Upper

93 100

63 4.9 59.1 99.1#

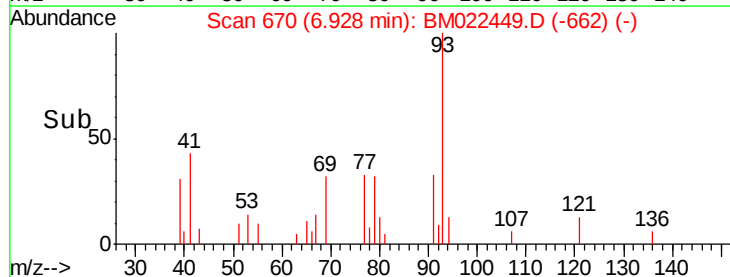
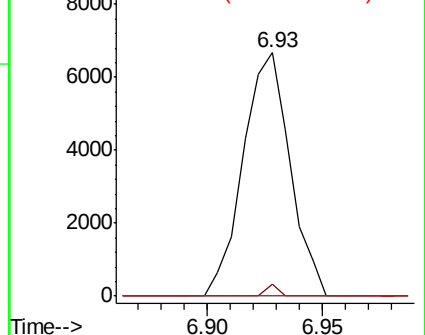
95 0.0 12.0 52.0#

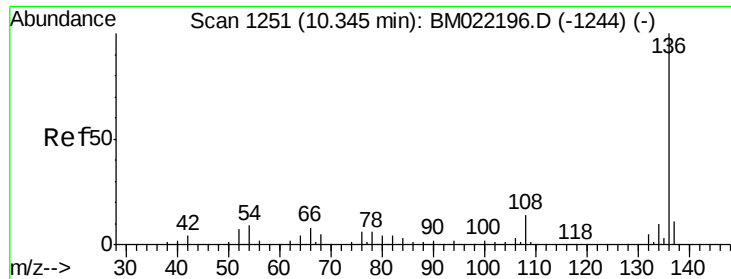


Abundance Ion 93.00 (92.70 to 93.70): BM022196.D (-680) (-)

Ion 63.00 (62.70 to 63.70): BM022196.D (-680) (-)

Ion 95.00 (94.70 to 95.70): BM022196.D (-680) (-)

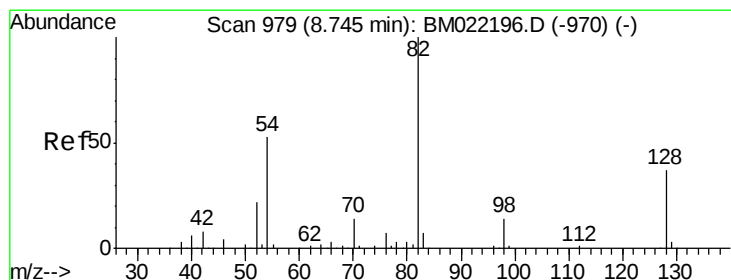
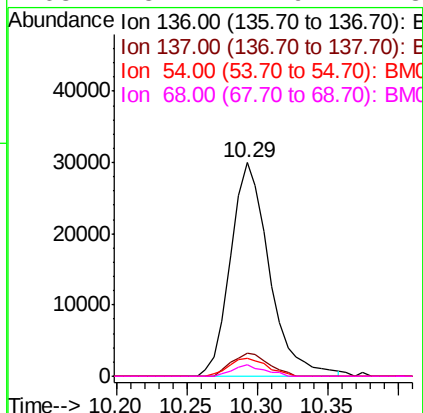
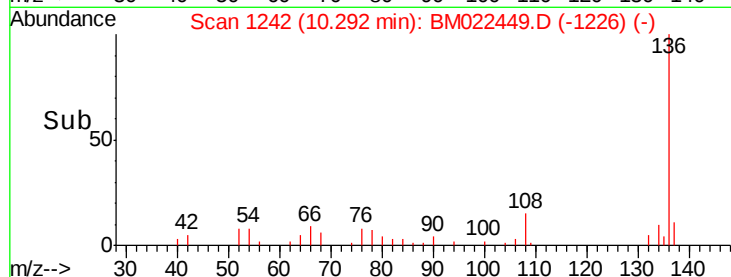
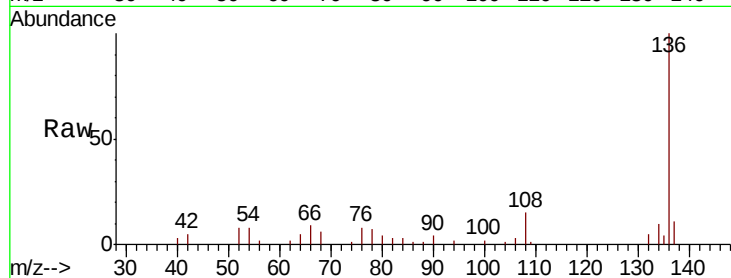




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BM022449.D
Acq: 30 Aug 2019 20:07

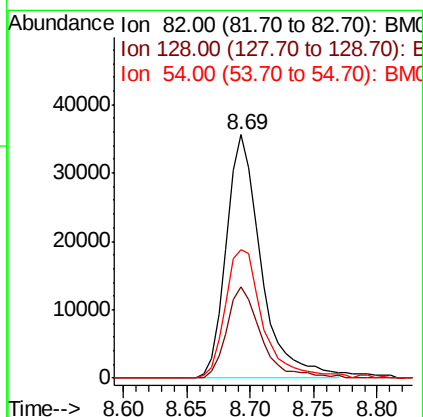
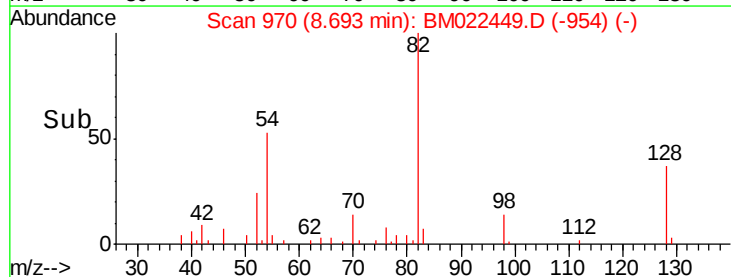
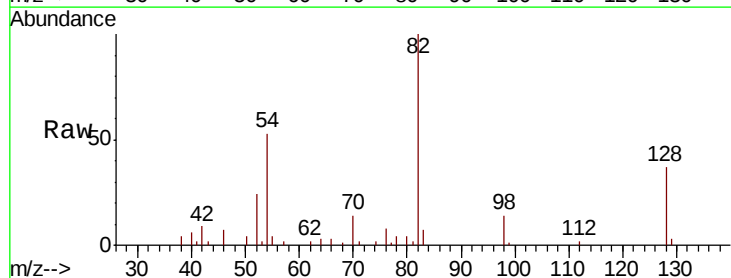
Instrument :
BNA_M
ClientSampleId :

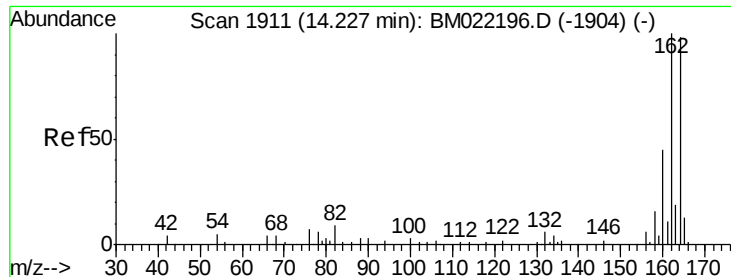
Tot Ion:136	Resp:	57696
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.6 13.0
54	8.4	7.0 10.6
68	5.7	2.9 4.3#



#23
Nitrobenzene-d5
Concen: 51.441 ng
RT: 8.69 min Scan# 970
Delta R.T. -0.01 min
Lab File: BM022449.D
Acq: 30 Aug 2019 20:07

Tgt Ion: 82	Resp:	67760
Ion Ratio	Lower	Upper
82	100	
128	37.3	27.9 41.9
54	52.7	45.2 67.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM022449.D

Acq: 30 Aug 2019 20:07

Instrument :

BNA_M

ClientSampleId :

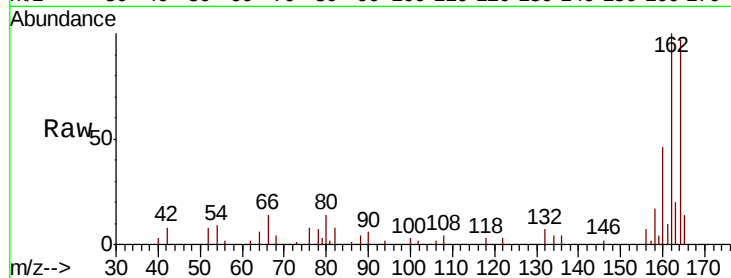
Tot Ion:164 Resp: 34998

Ion Ratio Lower Upper

164 100

162 102.6 80.6 121.0

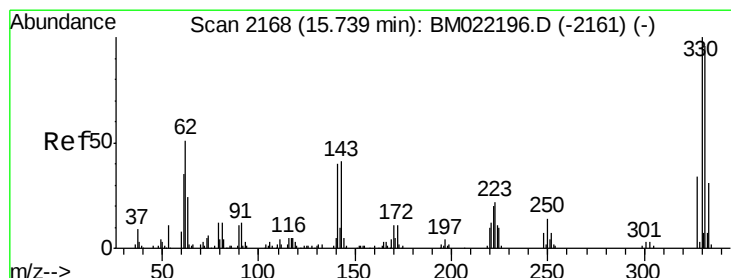
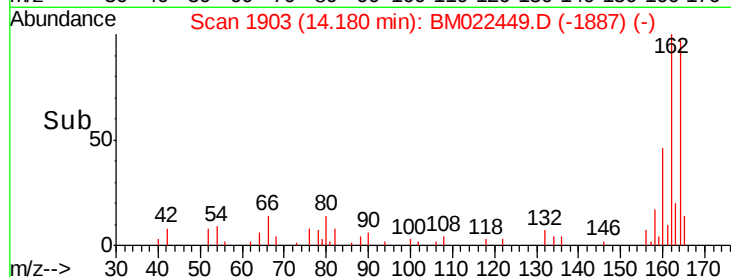
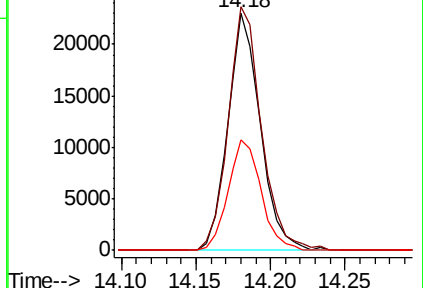
160 46.7 37.3 55.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 66.374 ng

RT: 15.70 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BM022449.D

Acq: 30 Aug 2019 20:07

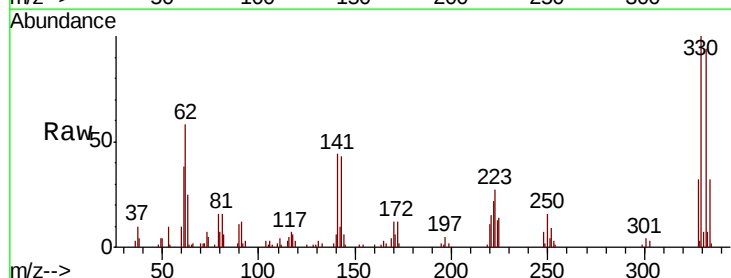
Tgt Ion:330 Resp: 47534

Ion Ratio Lower Upper

330 100

332 95.3 77.8 116.8

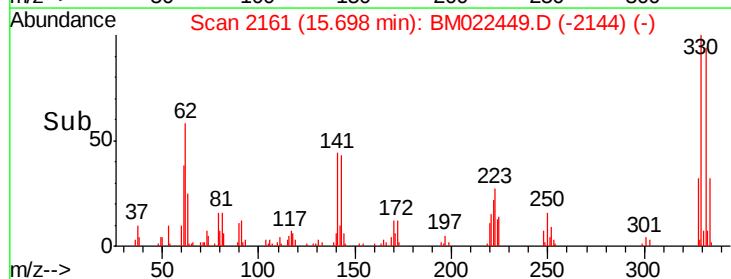
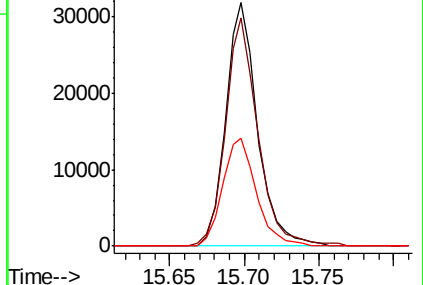
141 46.9 35.6 53.4

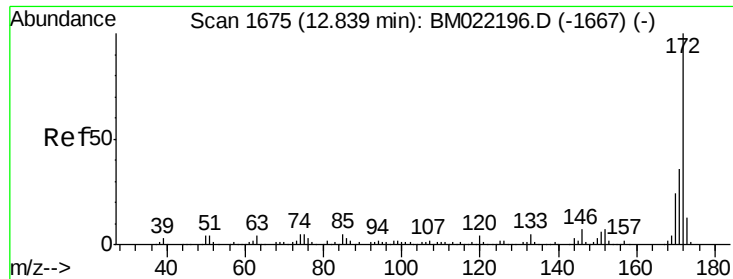


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

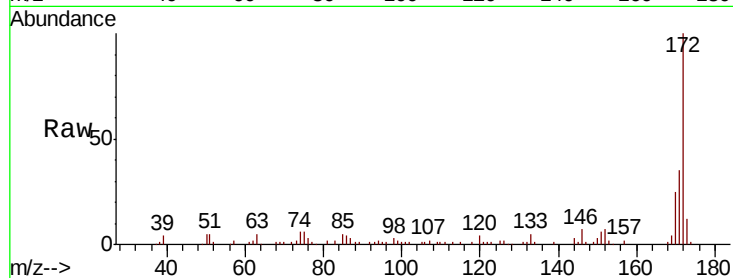




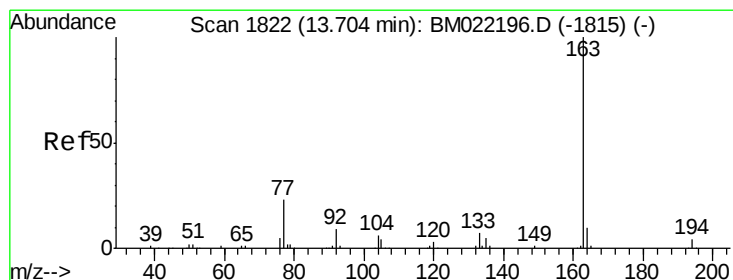
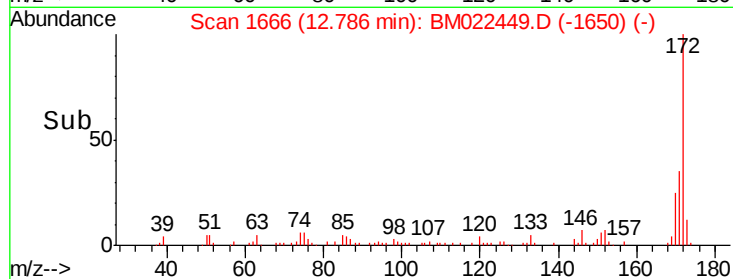
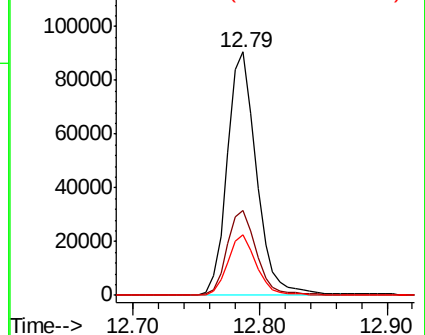
#45
2-Fluorobiphenyl
Concen: 46.869 ng
RT: 12.79 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BM022449.D
Acq: 30 Aug 2019 20:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 144795
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 24.8 18.9 28.3

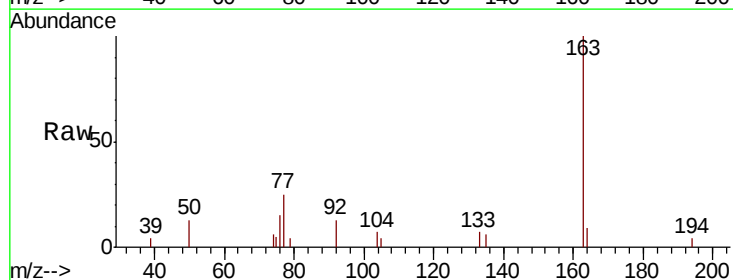


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

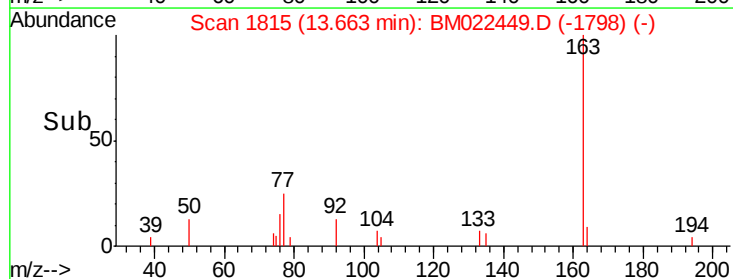
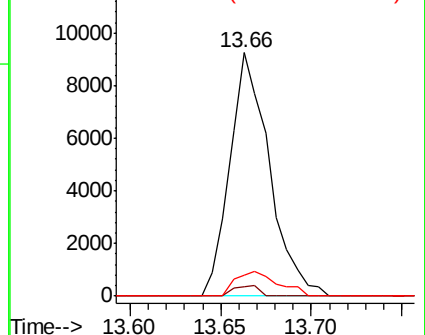


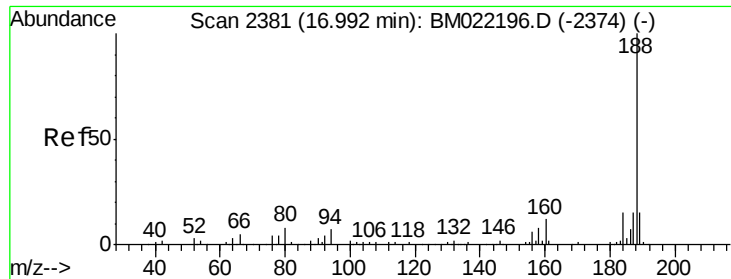
#50
Dimethylphthalate
Concen: 4.605 ng
RT: 13.66 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BM022449.D
Acq: 30 Aug 2019 20:07

Tgt Ion:163 Resp: 14018
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 8.8 8.2 12.2



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

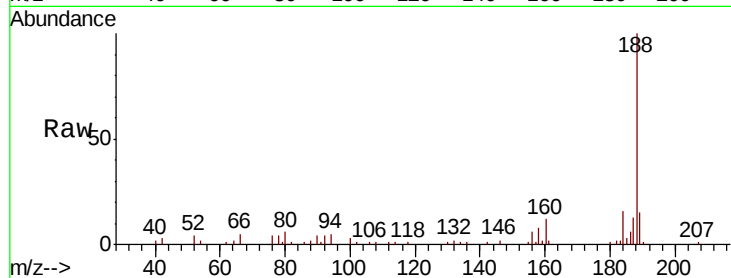




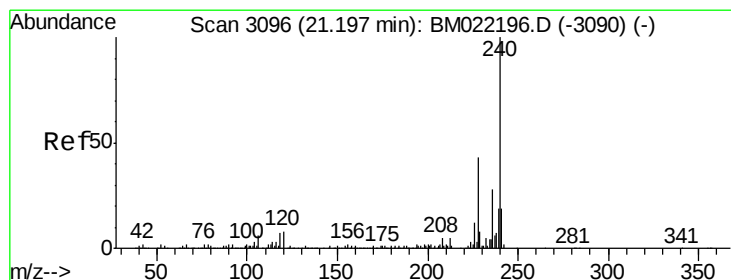
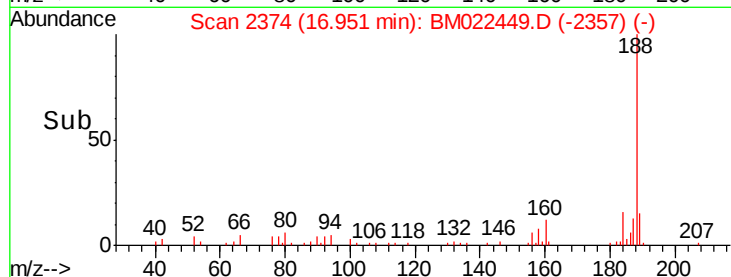
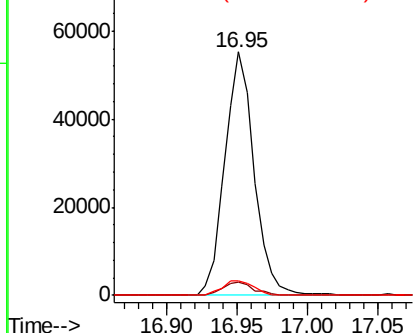
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM022449.D
Acq: 30 Aug 2019 20:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 80172
Ion Ratio Lower Upper
188 100
94 5.3 4.4 6.6
80 6.1 5.0 7.6

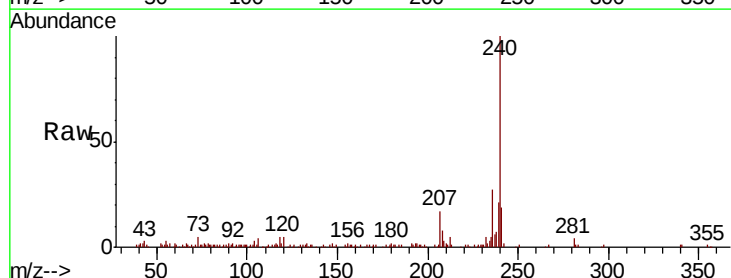


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

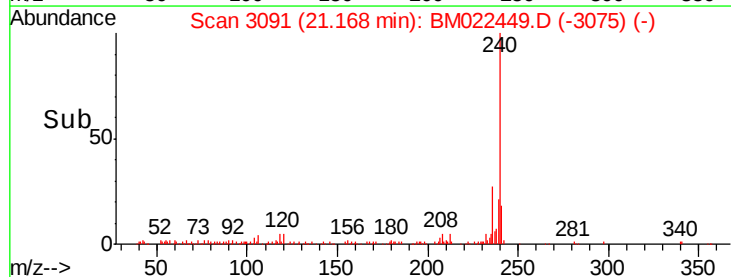
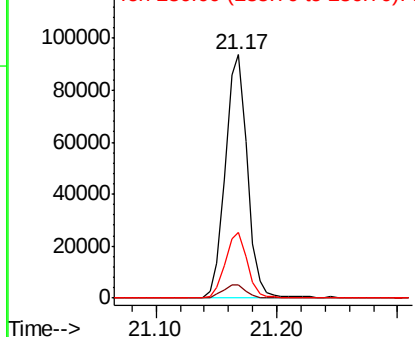


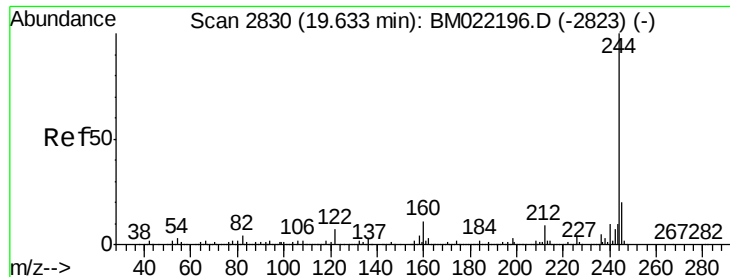
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM022449.D
Acq: 30 Aug 2019 20:07

Tgt Ion:240 Resp: 118711
Ion Ratio Lower Upper
240 100
120 5.3 3.9 5.9
236 27.2 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

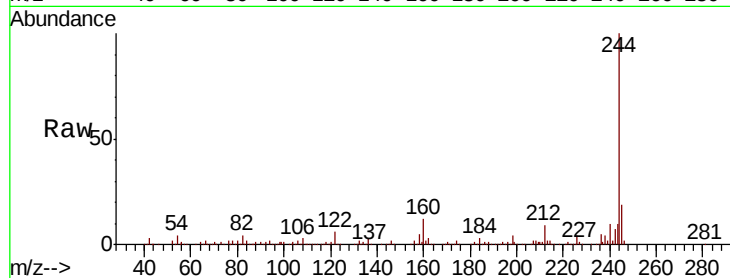




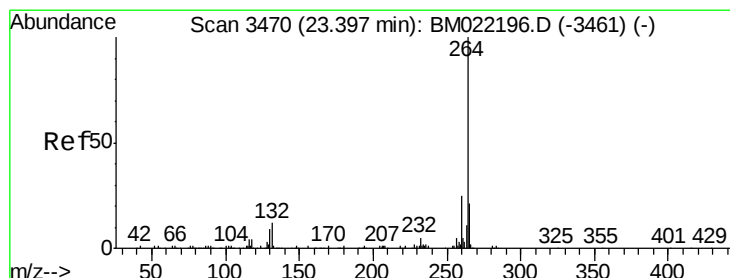
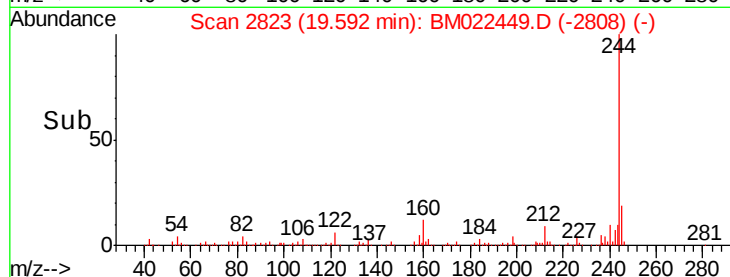
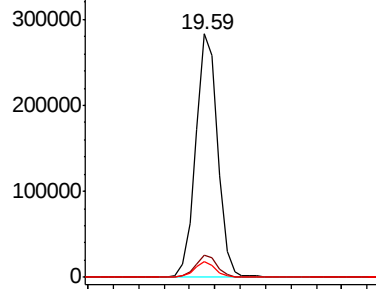
#79
 Terphenyl-d14
 Concen: 37.616 ng
 RT: 19.59 min Scan# 2823
 Delta R.T. -0.01 min
 Lab File: BM022449.D
 Acq: 30 Aug 2019 20:07

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.4
122	6.2	3.9	5.9

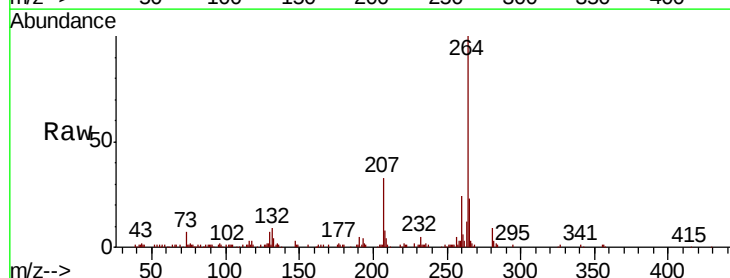


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.36 min Scan# 3463
 Delta R.T. -0.01 min
 Lab File: BM022449.D
 Acq: 30 Aug 2019 20:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.2	30.2
265	22.6	18.2	27.2



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

