

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
 Data File : BM022442.D
 Acq On : 30 Aug 2019 15:11
 Operator : HP/JU
 Sample : K4573-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 30 15:47:07 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

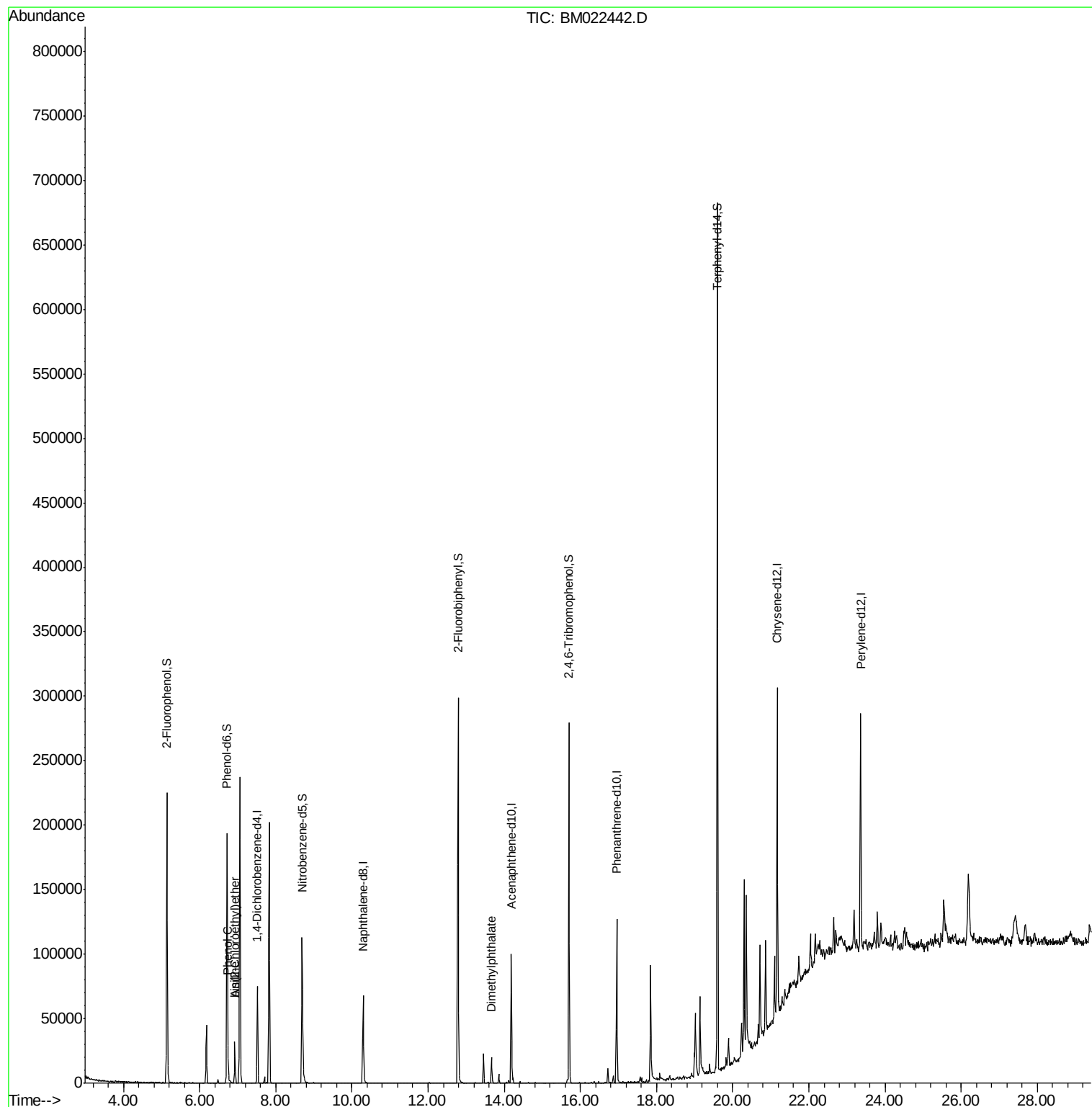
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	16886	20.00	ng	-0.01
21) Naphthalene-d8	10.29	136	55935	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	33176	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	74085	20.00	ng	0.00
76) Chrysene-d12	21.17	240	97342	20.00	ng	0.00
87) Perylene-d12	23.36	264	124612	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	77592	80.66	ng	0.00
7) Phenol-d6	6.72	99	94392	73.38	ng	0.00
23) Nitrobenzene-d5	8.69	82	68301	53.48	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	44398	65.40	ng	0.00
45) 2-Fluorobiphenyl	12.79	172	143473	48.99	ng	0.00
79) Terphenyl-d14	19.60	244	283390	38.42	ng	0.00
Target Compounds						
6) Aniline	6.92	93	9287	5.665	ng	# 48
10) Phenol	6.75	94	2686	2.078	ng	# 51
11) bis(2-Chloroethyl)ether	6.92	93	9288	9.523	ng	# 23
50) Dimethylphthalate	13.66	163	14000	4.852	ng	98

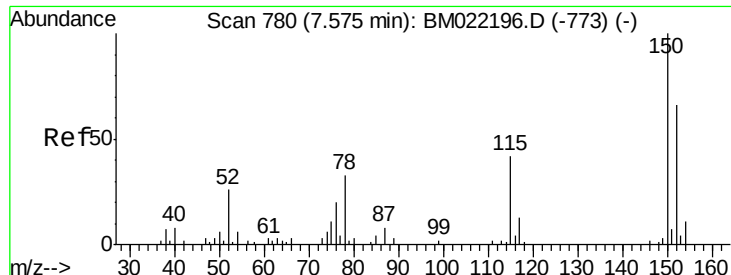
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 16:51:32 2019
Response via : Initial Calibration



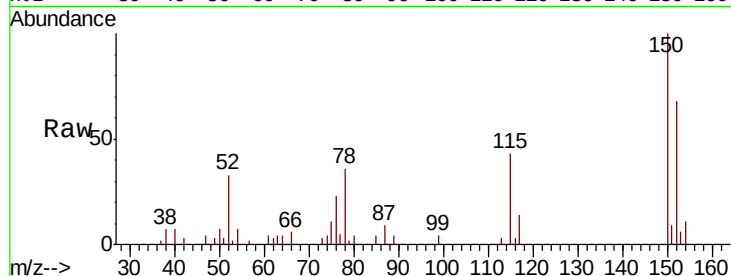


#1

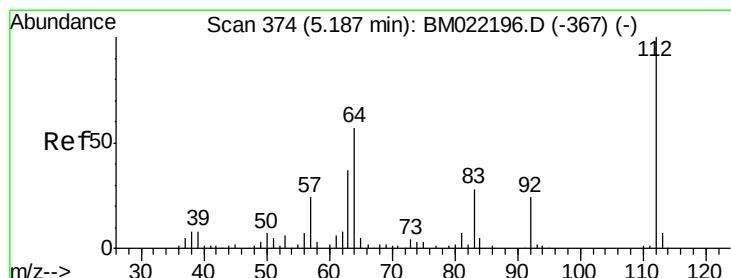
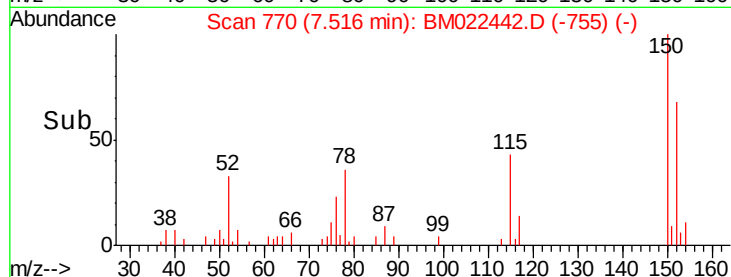
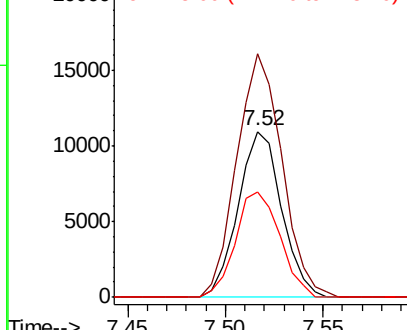
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 770
Delta R.T. -0.01 min
Lab File: BM022442.D
Acq: 30 Aug 2019 15:11

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 16886
Ion Ratio Lower Upper
152 100
150 146.8 125.4 188.0
115 63.7 50.3 75.5



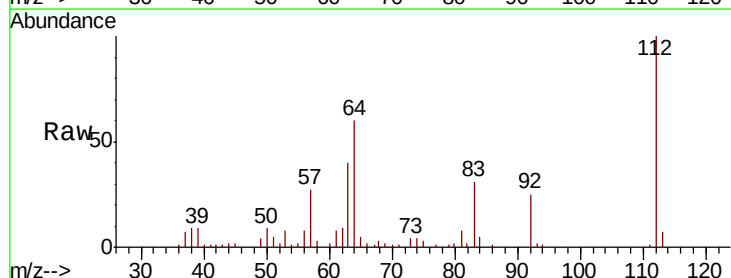
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



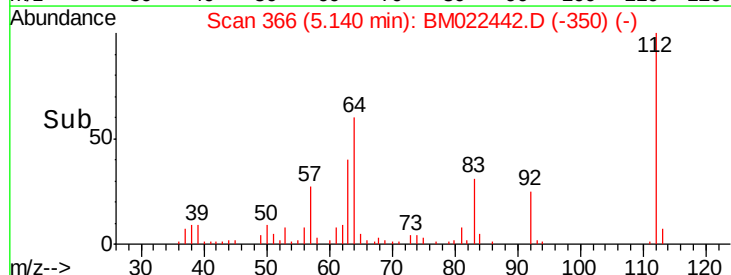
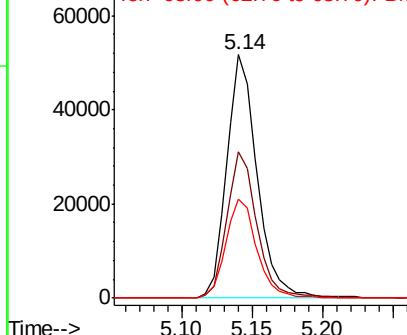
#5

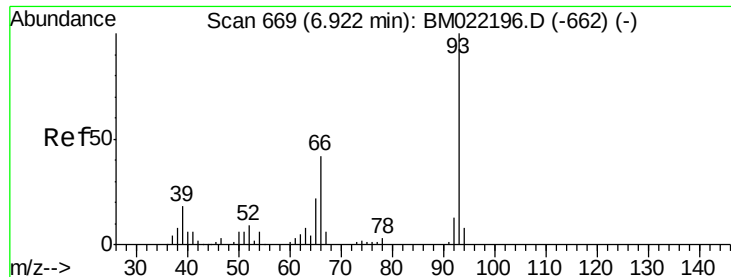
2-Fluorophenol
Concen: 80.658 ng
RT: 5.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: BM022442.D
Acq: 30 Aug 2019 15:11

Tgt Ion:112 Resp: 77592
Ion Ratio Lower Upper
112 100
64 59.9 45.4 68.2
63 40.5 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: 5.665 ng

RT: 6.92 min Scan# 669

Delta R.T. 0.04 min

Lab File: BM022442.D

Acq: 30 Aug 2019 15:11

Instrument :

BNA_M

ClientSampleId :

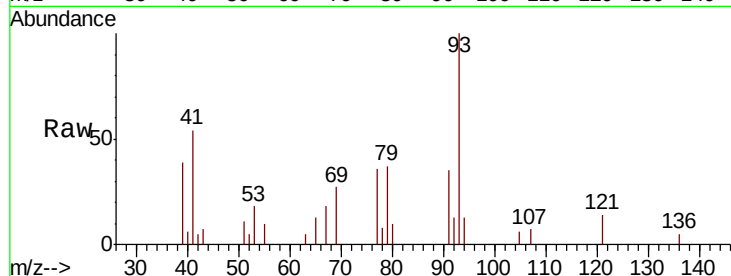
Tot Ion: 93 Resp: 9287

Ion Ratio Lower Upper

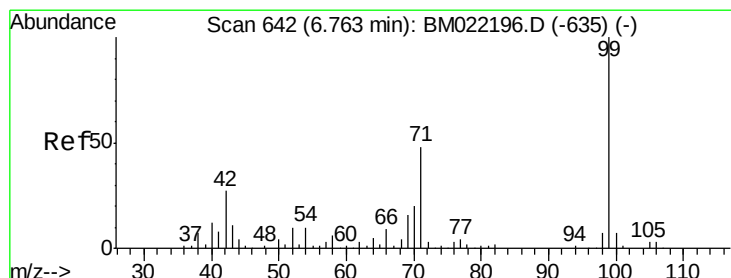
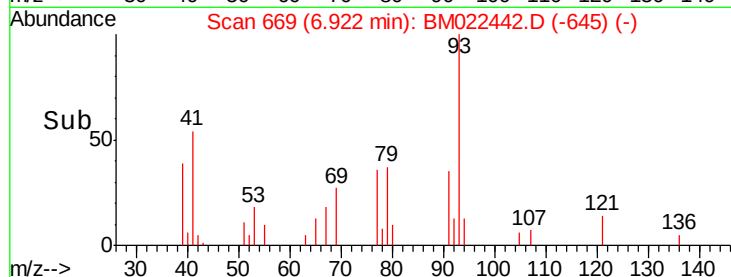
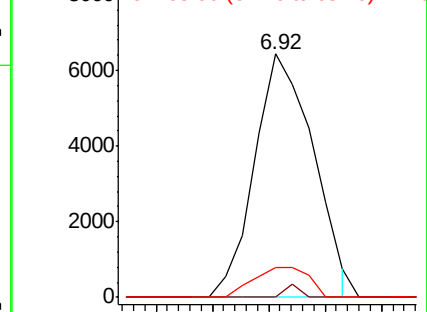
93 100

66 0.0 34.7 52.1#

65 12.5 18.8 28.2#



Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 66.00 (65.70 to 66.70): BM0
Ion 65.00 (64.70 to 65.70): BM0



#7

Phenol-d6

Concen: 73.375 ng

RT: 6.72 min Scan# 634

Delta R.T. -0.01 min

Lab File: BM022442.D

Acq: 30 Aug 2019 15:11

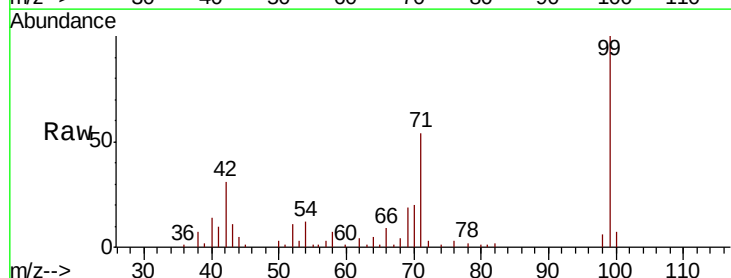
Tgt Ion: 99 Resp: 94392

Ion Ratio Lower Upper

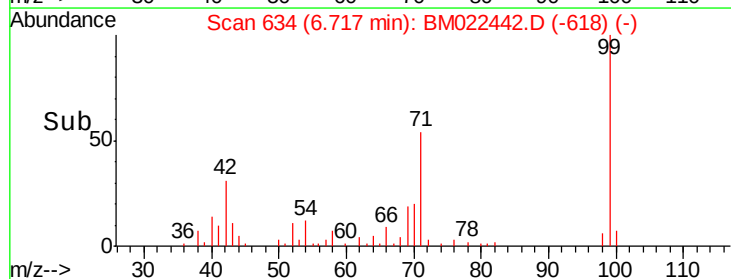
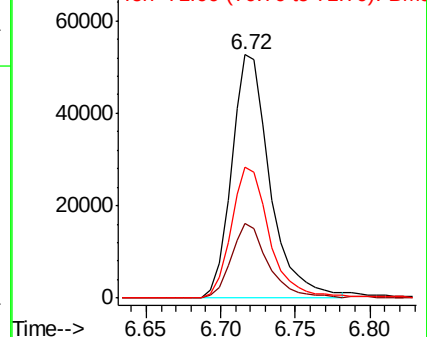
99 100

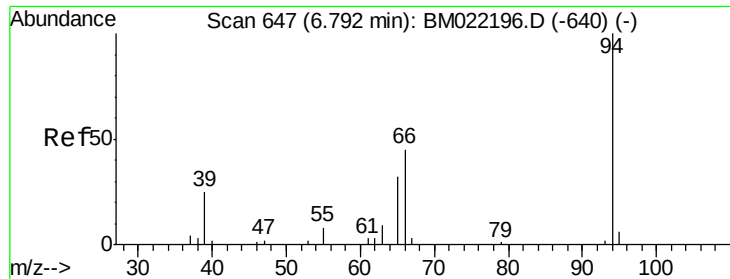
42 30.6 26.3 39.5

71 53.9 46.6 69.8



Abundance Ion 99.00 (98.70 to 99.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 71.00 (70.70 to 71.70): BM0

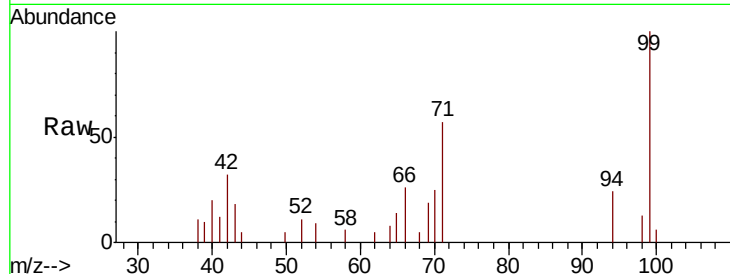




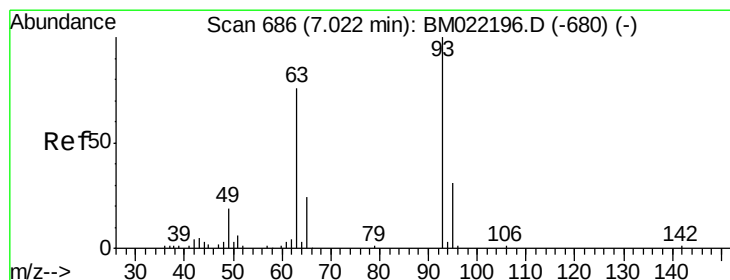
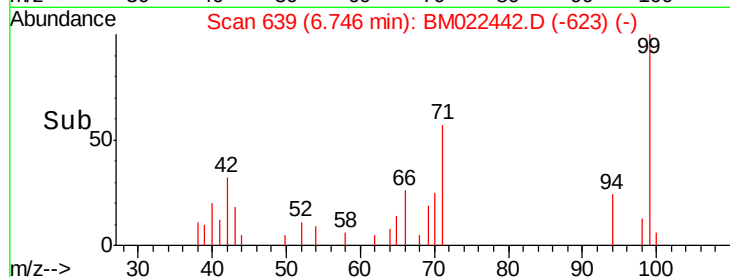
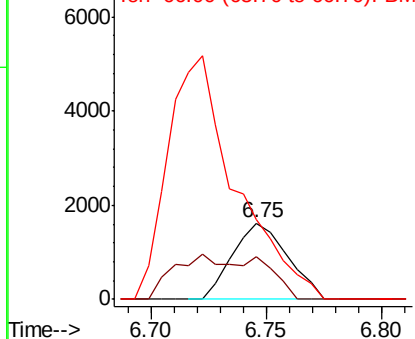
#10
Phenol
Concen: 2.078 ng
RT: 6.75 min Scan# 639
Delta R.T. -0.01 min
Lab File: BM022442.D
Acq: 30 Aug 2019 15:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 94 Resp: 2686
Ion Ratio Lower Upper
94 100
65 55.8 17.7 57.7
66 105.3 39.6 79.6#

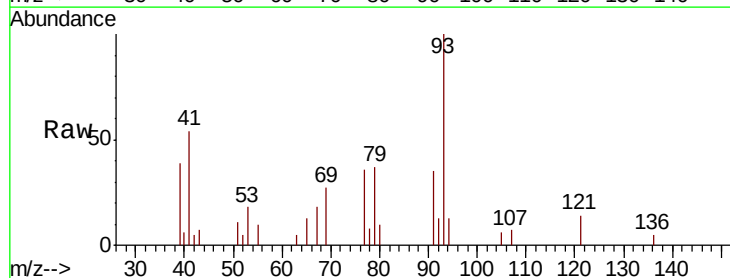


Abundance Ion 94.00 (93.70 to 94.70): BM0
Ion 65.00 (64.70 to 65.70): BM0
Ion 66.00 (65.70 to 66.70): BM0

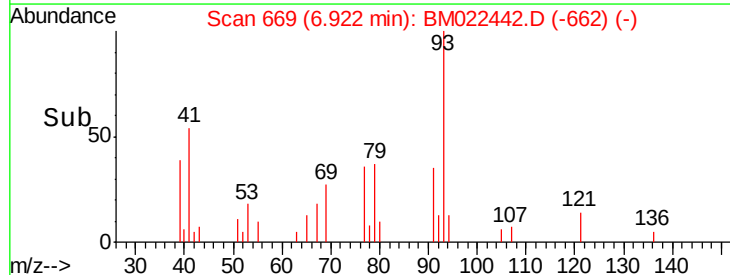
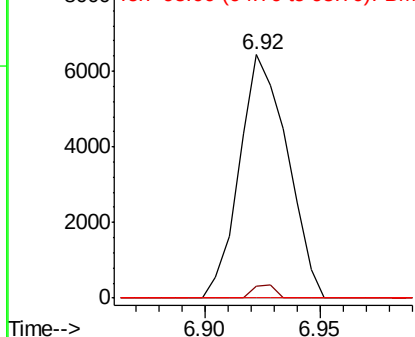


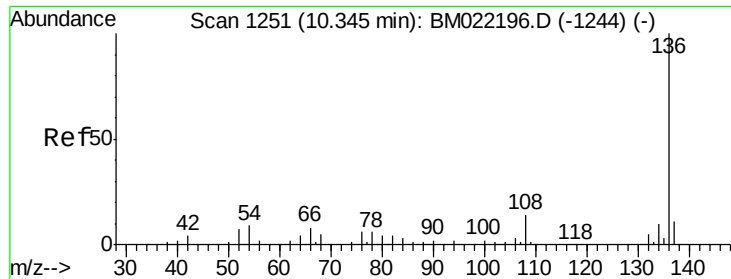
#11
bis(2-Chloroethyl)ether
Concen: 9.523 ng
RT: 6.92 min Scan# 669
Delta R.T. -0.06 min
Lab File: BM022442.D
Acq: 30 Aug 2019 15:11

Tgt Ion: 93 Resp: 9288
Ion Ratio Lower Upper
93 100
63 4.7 59.1 99.1#
95 0.0 12.0 52.0#



Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 63.00 (62.70 to 63.70): BM0
Ion 95.00 (94.70 to 95.70): BM0

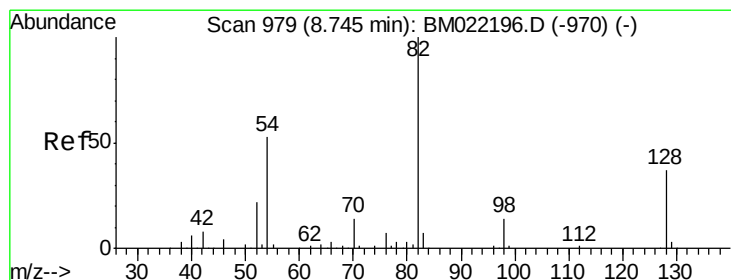
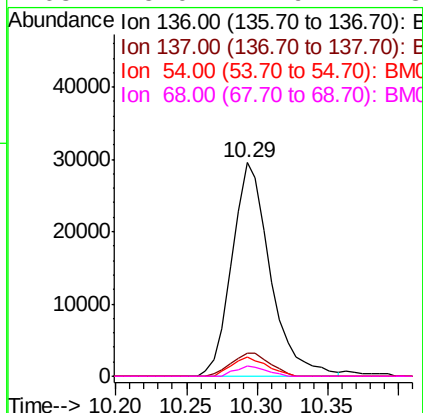
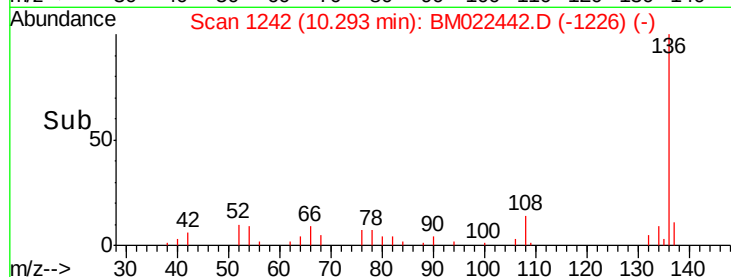
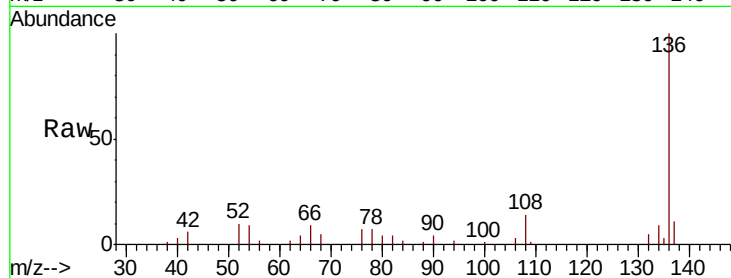




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BM022442.D
Acq: 30 Aug 2019 15:11

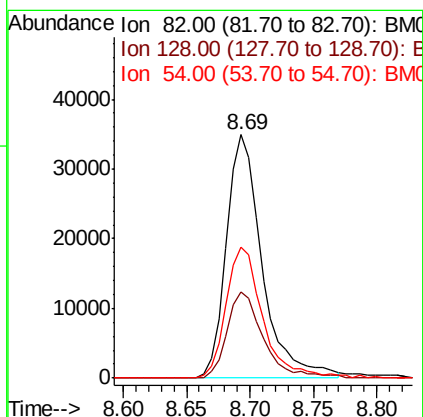
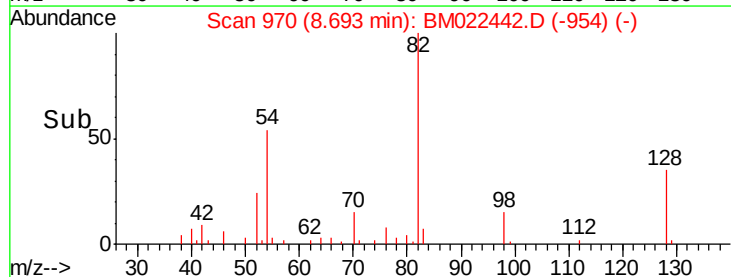
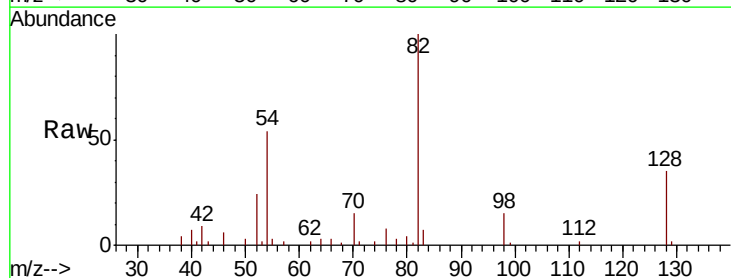
Instrument :
BNA_M
ClientSampleId :

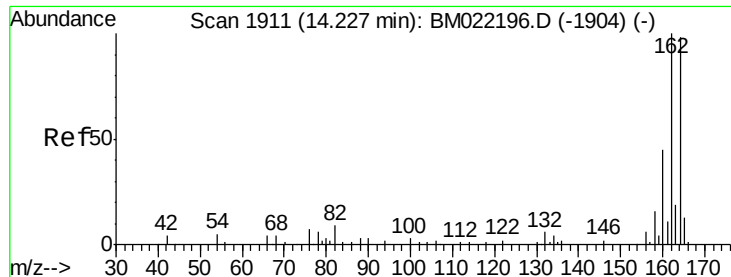
Tot Ion:136	Resp:	55935
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.6 13.0
54	9.0	7.0 10.6
68	5.0	2.9 4.3#



#23
Nitrobenzene-d5
Concen: 53.484 ng
RT: 8.69 min Scan# 970
Delta R.T. -0.01 min
Lab File: BM022442.D
Acq: 30 Aug 2019 15:11

Tgt Ion: 82	Resp:	68301
Ion Ratio	Lower	Upper
82	100	
128	35.4	27.9 41.9
54	53.5	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: BM022442.D

Acq: 30 Aug 2019 15:11

Instrument :

BNA_M

ClientSampleId :

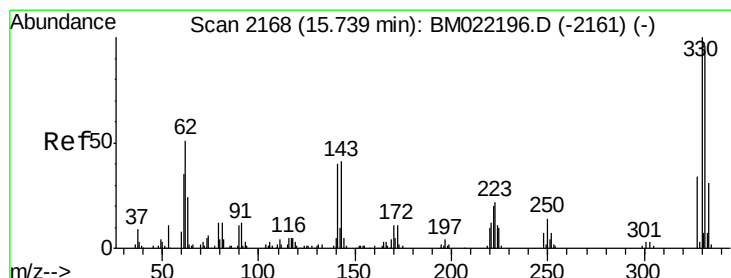
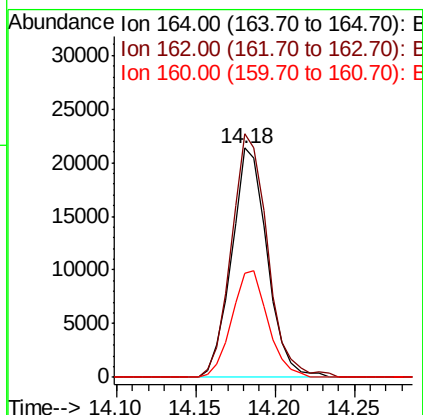
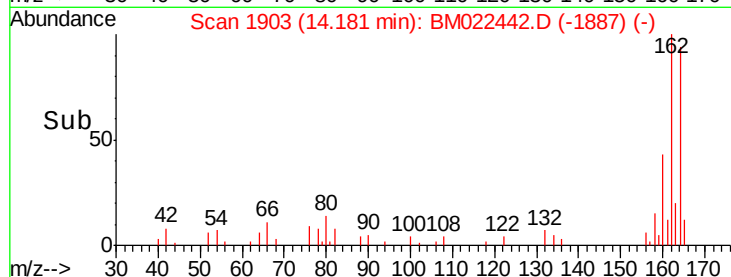
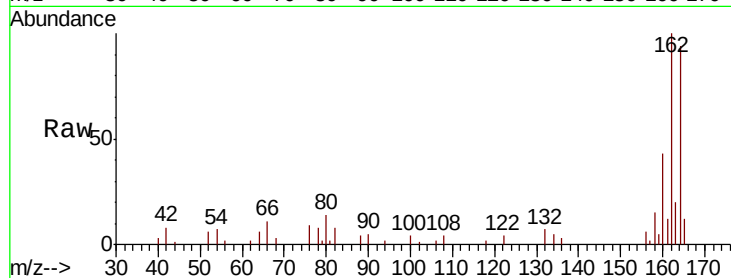
Tot Ion:164 Resp: 33176

Ion Ratio Lower Upper

164 100

162 106.3 80.6 121.0

160 45.2 37.3 55.9



#42

2,4,6-Tribromophenol

Concen: 65.400 ng

RT: 15.70 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BM022442.D

Acq: 30 Aug 2019 15:11

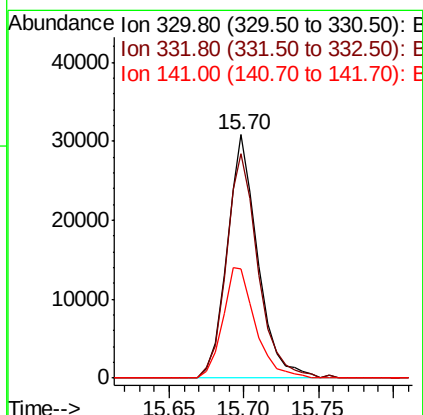
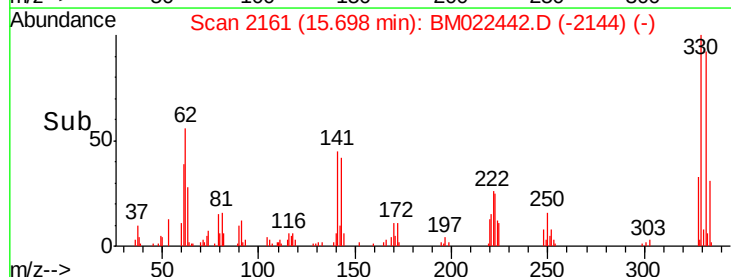
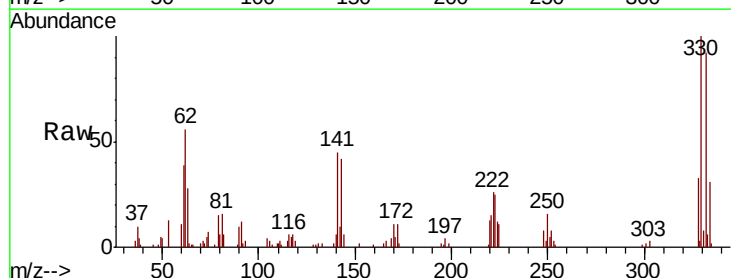
Tgt Ion:330 Resp: 44398

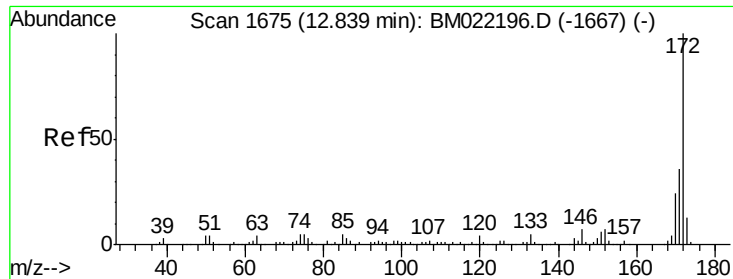
Ion Ratio Lower Upper

330 100

332 95.3 77.8 116.8

141 48.0 35.6 53.4

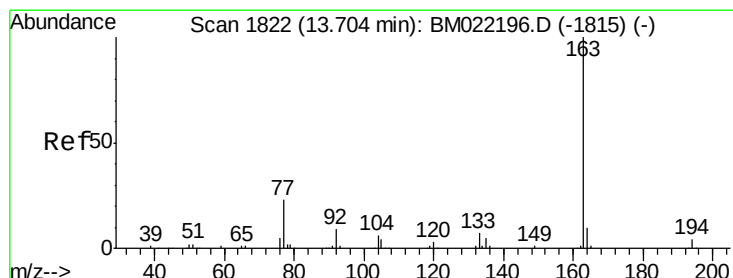
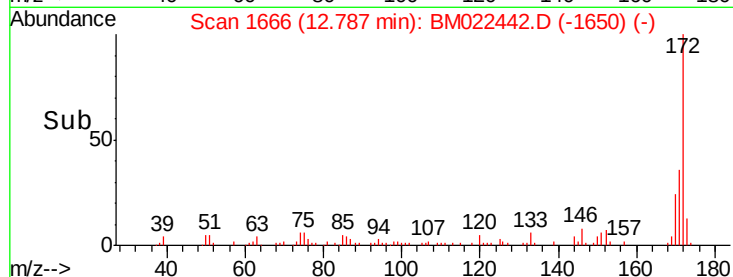
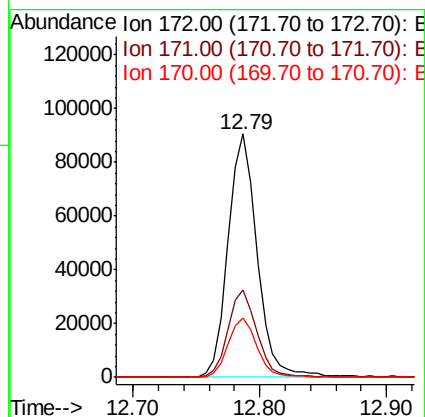
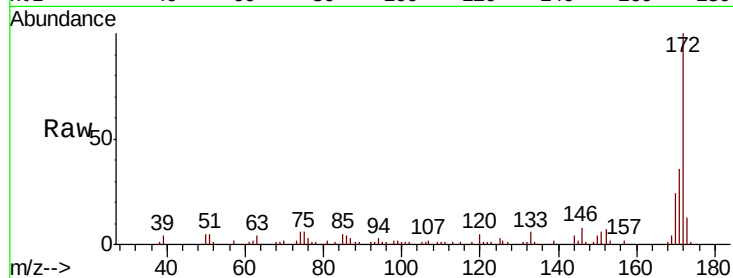




#45
2-Fluorobiphenyl
Concen: 48.991 ng
RT: 12.79 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BM022442.D
Acq: 30 Aug 2019 15:11

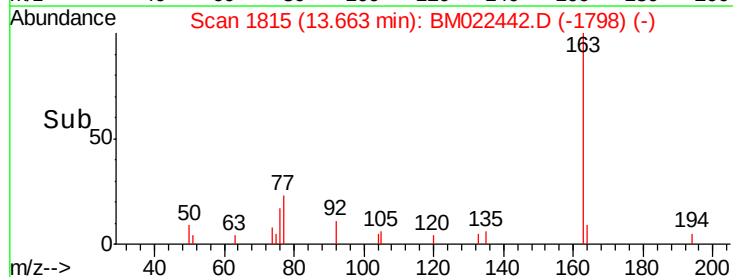
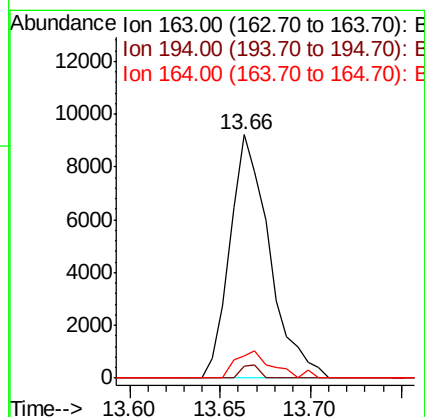
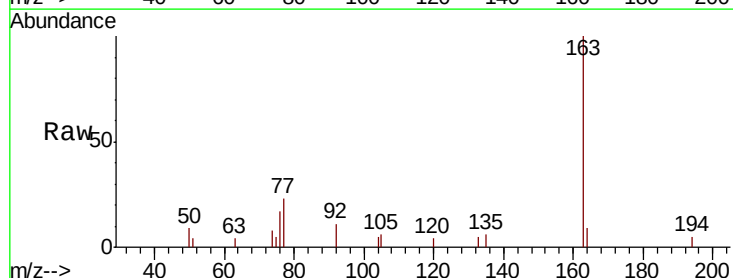
Instrument :
BNA_M
ClientSampleId :

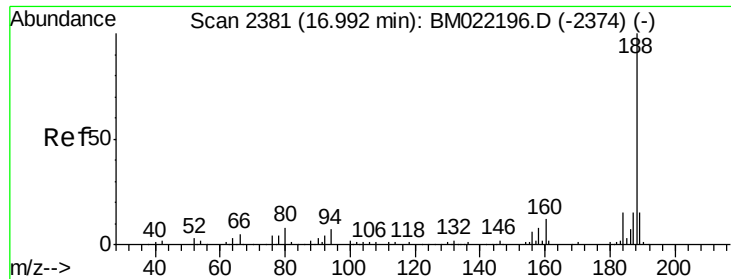
Tot Ion:172 Resp: 143473
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.3 18.9 28.3



#50
Dimethylphthalate
Concen: 4.852 ng
RT: 13.66 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BM022442.D
Acq: 30 Aug 2019 15:11

Tgt Ion:163 Resp: 14000
Ion Ratio Lower Upper
163 100
194 4.9 3.4 5.2
164 9.2 8.2 12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.95 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BM022442.D

Acq: 30 Aug 2019 15:11

Instrument :

BNA_M

ClientSampleId :

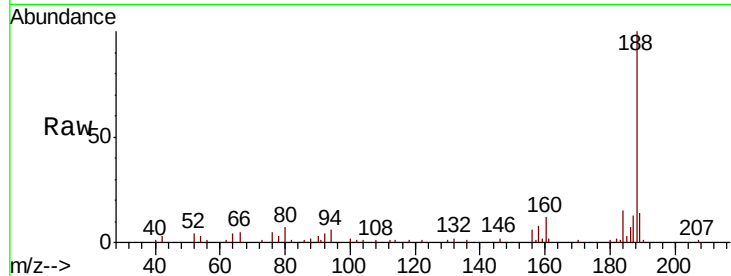
Tot Ion:188 Resp: 74085

Ion Ratio Lower Upper

188 100

94 6.2 4.4 6.6

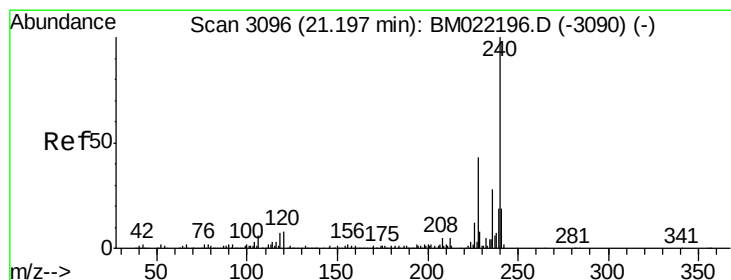
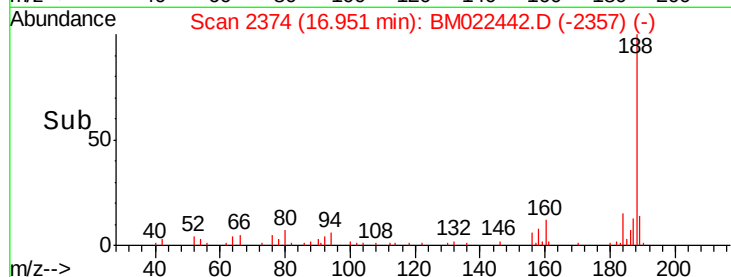
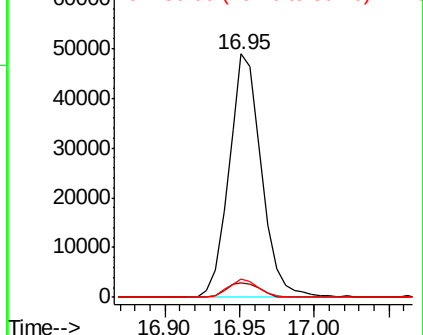
80 7.4 5.0 7.6



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: BM022442.D

Acq: 30 Aug 2019 15:11

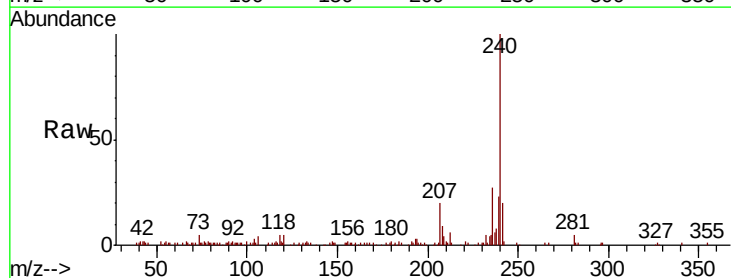
Tgt Ion:240 Resp: 97342

Ion Ratio Lower Upper

240 100

120 4.9 3.9 5.9

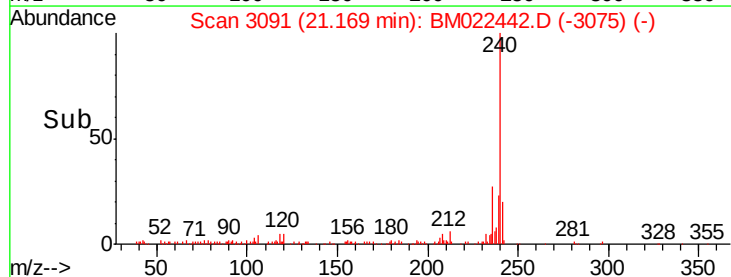
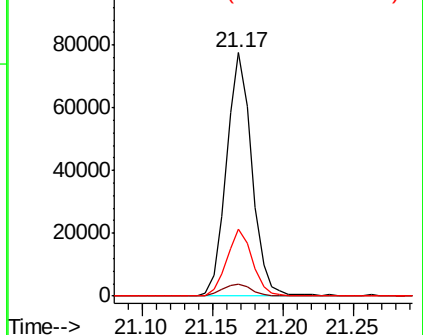
236 27.3 21.4 32.2

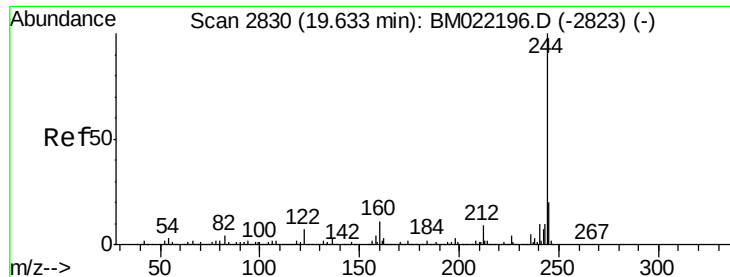


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

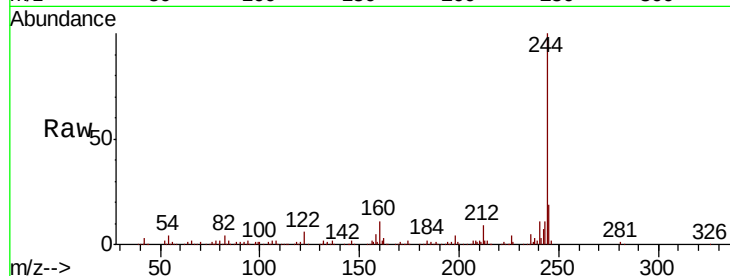




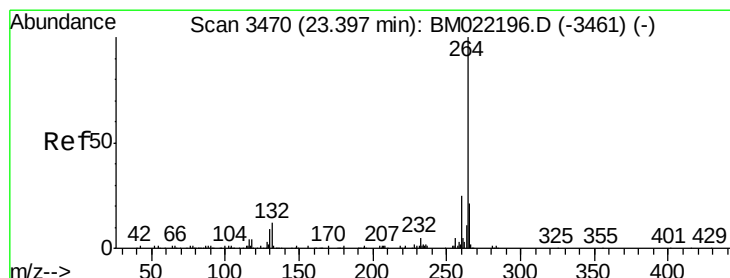
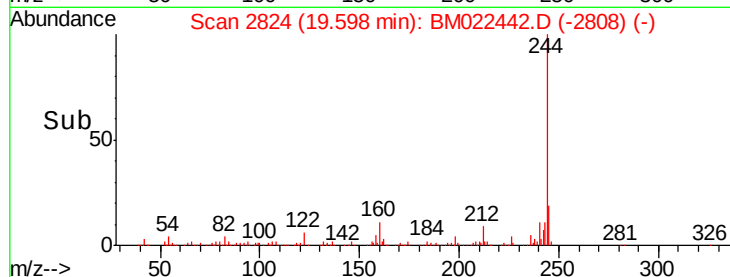
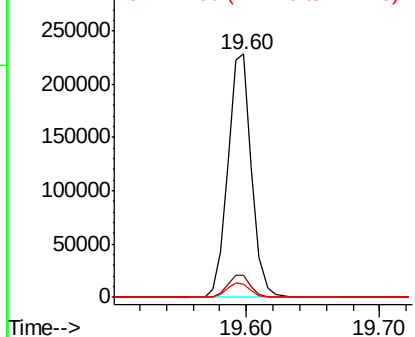
#79
 Terphenyl-d14
 Concen: 38.422 ng
 RT: 19.60 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM022442.D
 Acq: 30 Aug 2019 15:11

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.4
122	5.6	3.9	5.9

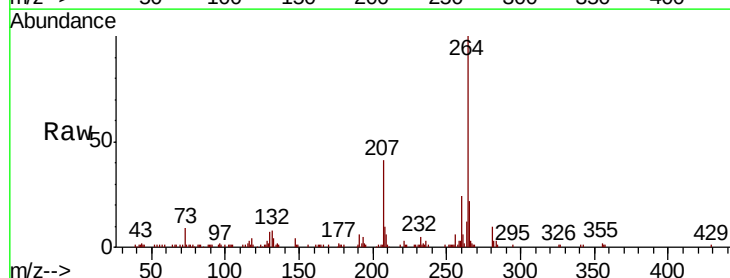


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.36 min Scan# 3463
 Delta R.T. -0.01 min
 Lab File: BM022442.D
 Acq: 30 Aug 2019 15:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.2	30.2
265	22.5	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

