

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090119\
 Data File : BM022487.D
 Acq On : 01 Sep 2019 21:16
 Operator : HP/JU
 Sample : K4555-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TW-6

Quant Time: Sep 02 04:37:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 02 03:54:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	10505	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	36484	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	23707	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	54625	20.00	ng	0.00
76) Chrysene-d12	21.16	240	82344	20.00	ng	0.00
87) Perylene-d12	23.34	264	103583	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	38857	64.93	ng	0.00
7) Phenol-d6	6.71	99	29484	36.84	ng	0.00
23) Nitrobenzene-d5	8.68	82	77148	92.62	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	57236	117.99	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	171661	82.03	ng	0.00
79) Terphenyl-d14	19.58	244	498869	79.96	ng	0.00

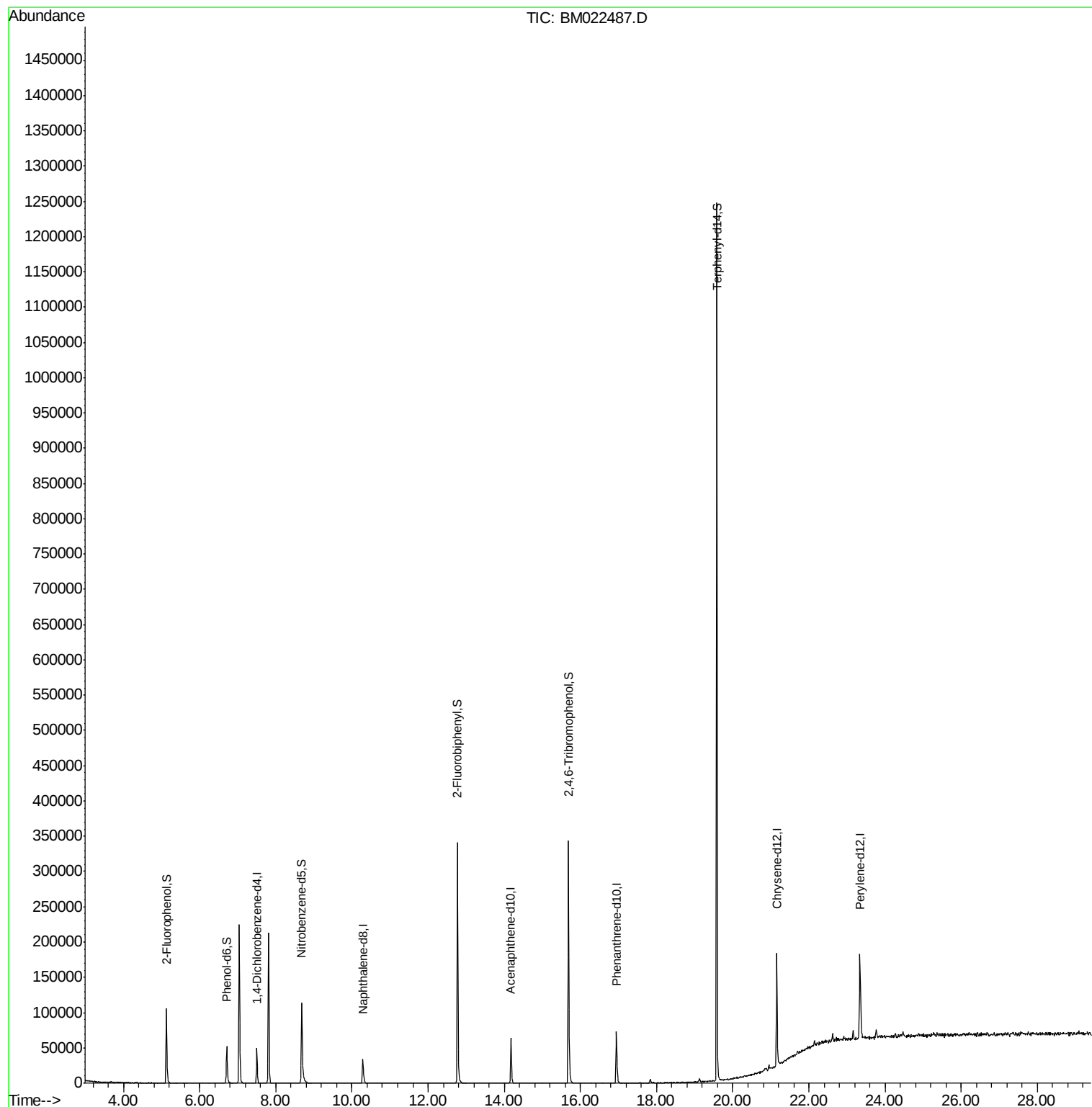
Target Compounds Qvalue

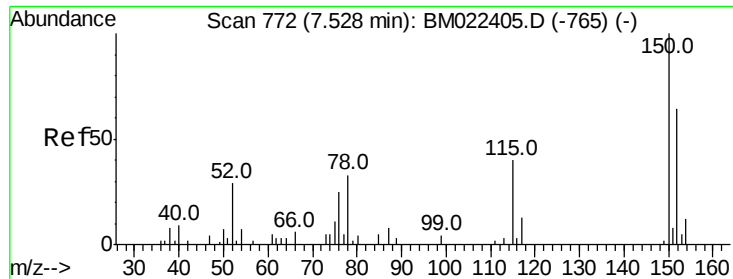
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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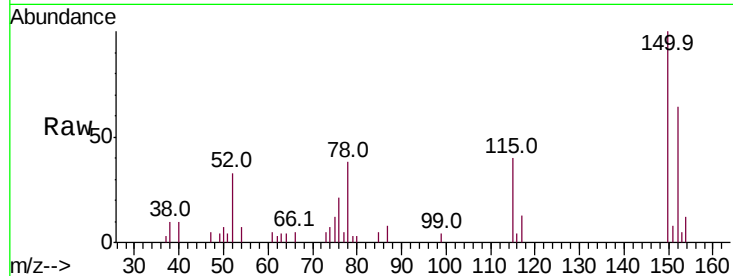


#1

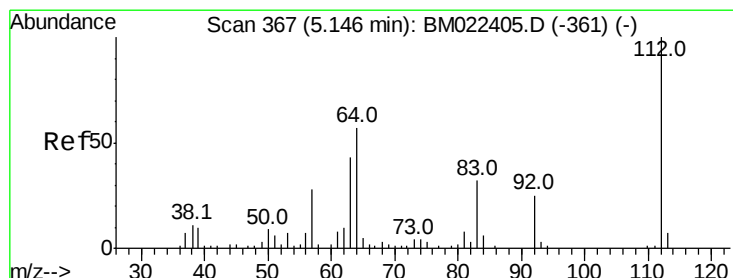
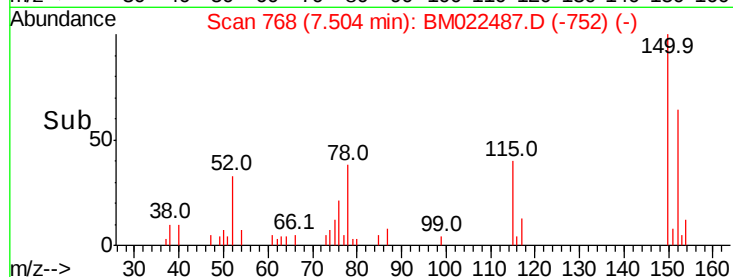
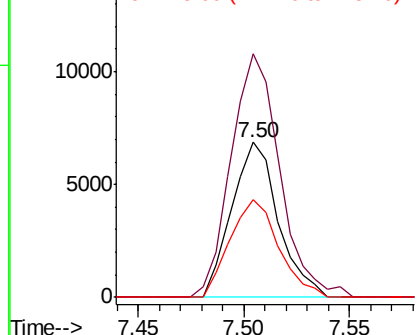
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM022487.D
Acq: 01 Sep 2019 21:16

Instrument :
BNA_M
ClientSampled :
TW-6

Tot Ion:152 Resp: 10505
Ion Ratio Lower Upper
152 100
150 157.0 125.4 188.0
115 63.0 50.3 75.5



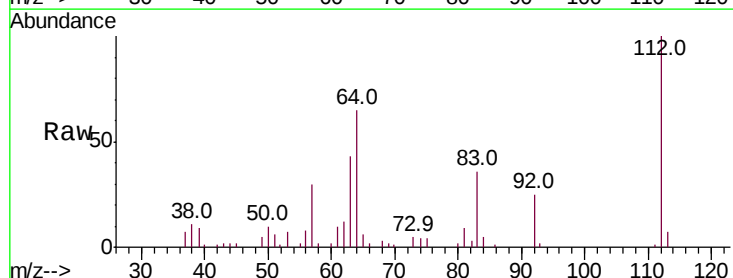
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



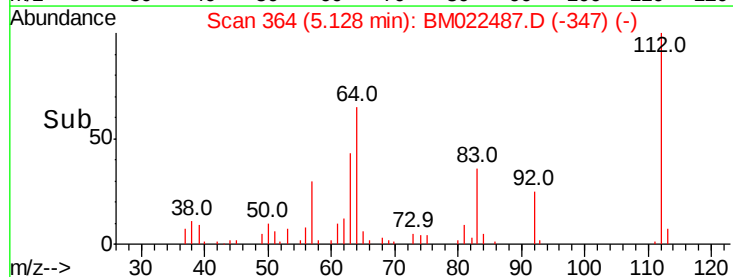
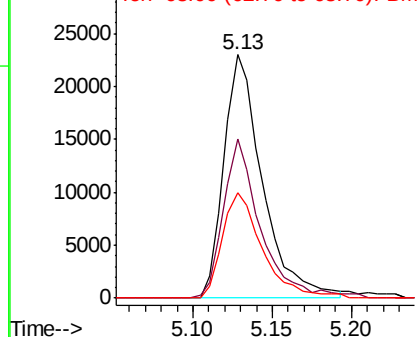
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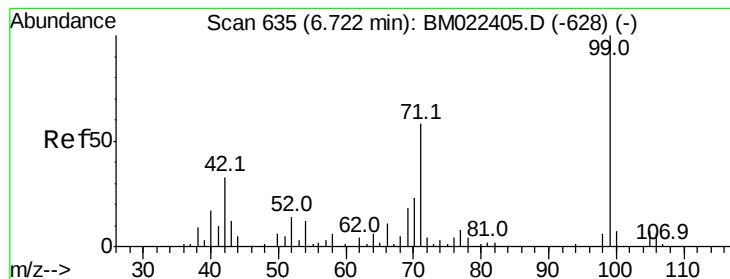
2-Fluorophenol
Concen: 64.928 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.00 min
Lab File: BM022487.D
Acq: 01 Sep 2019 21:16

Tgt Ion:112 Resp: 38857
Ion Ratio Lower Upper
112 100
64 65.2 45.4 68.2
63 43.4 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





#7

Phenol-d6

Concen: 36.841 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.00 min

Lab File: BM022487.D

Acq: 01 Sep 2019 21:16

Instrument :

BNA_M

ClientSampled :

TW-6

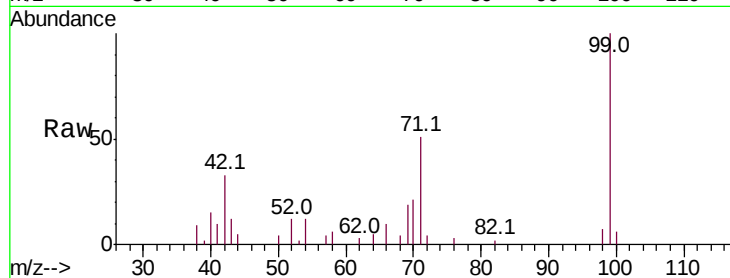
Tot Ion: 99 Resp: 29484

Ion Ratio Lower Upper

99 100

42 32.7 26.3 39.5

71 51.3 46.6 69.8

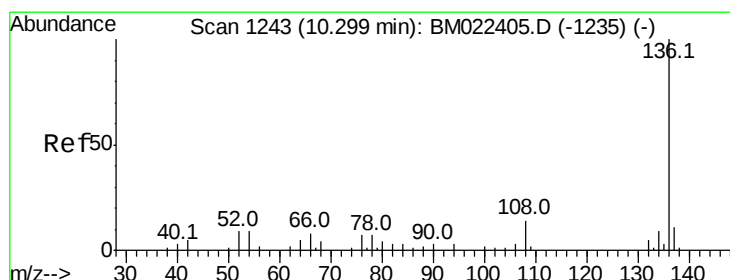
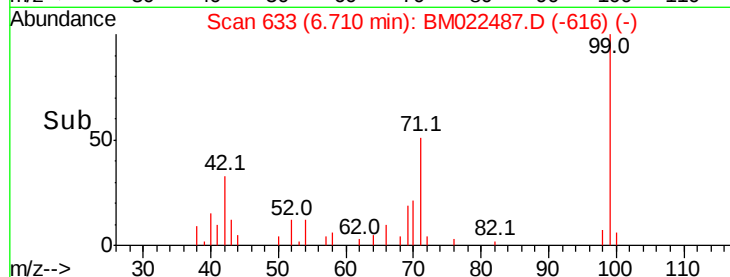
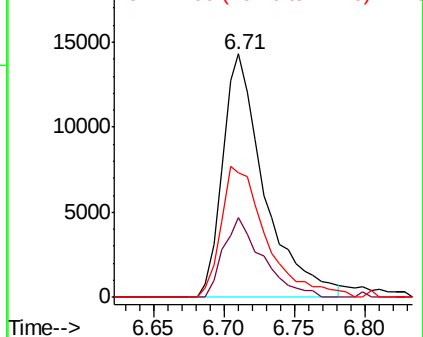


Abundance

Ion 99.00 (98.70 to 99.70): BMC

Ion 42.00 (41.70 to 42.70): BMC

Ion 71.00 (70.70 to 71.70): BMC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1241

Delta R.T. 0.01 min

Lab File: BM022487.D

Acq: 01 Sep 2019 21:16

Tgt Ion: 136 Resp: 36484

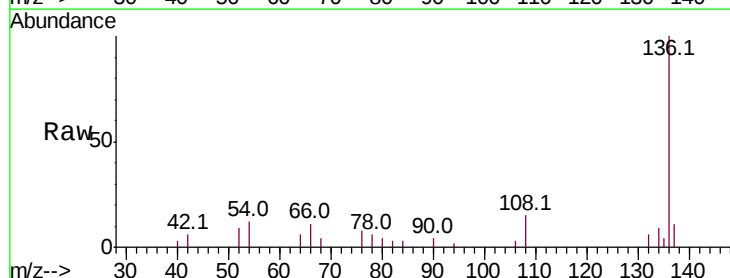
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 12.5 7.0 10.6#

68 3.6 2.9 4.3



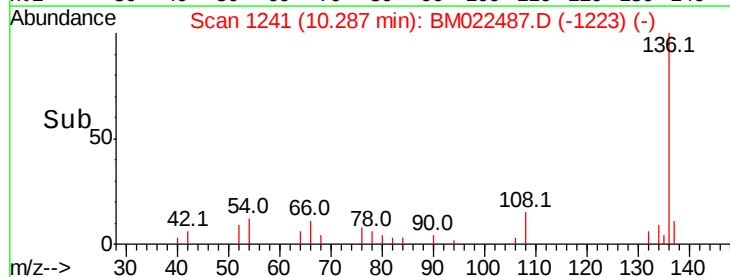
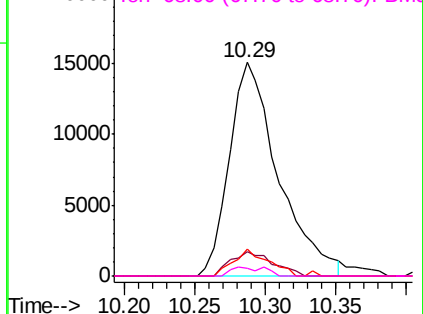
Abundance

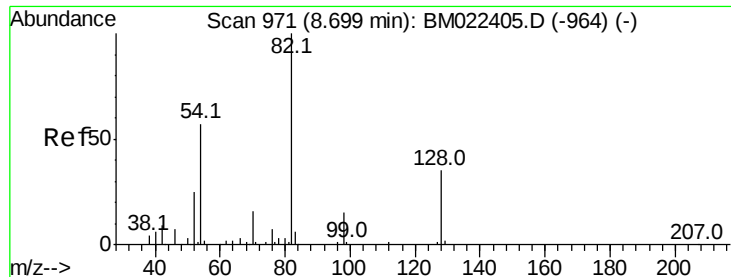
Ion 136.00 (135.70 to 136.70): BMC

Ion 137.00 (136.70 to 137.70): BMC

Ion 54.00 (53.70 to 54.70): BMC

Ion 68.00 (67.70 to 68.70): BMC

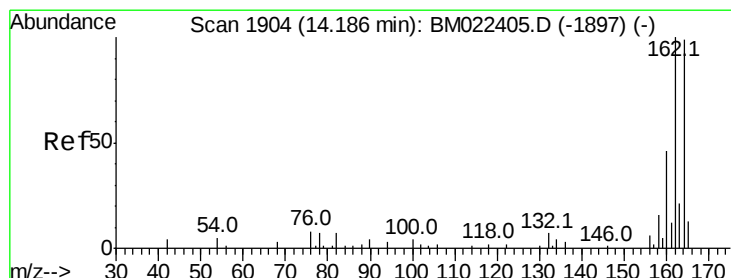
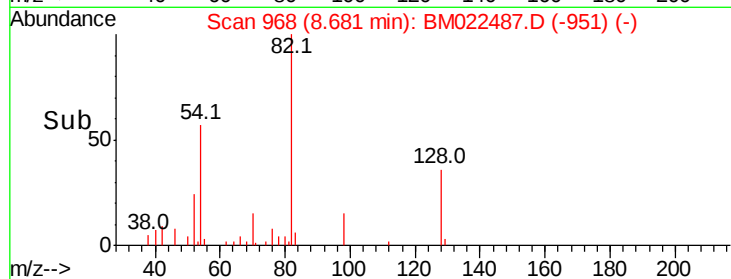
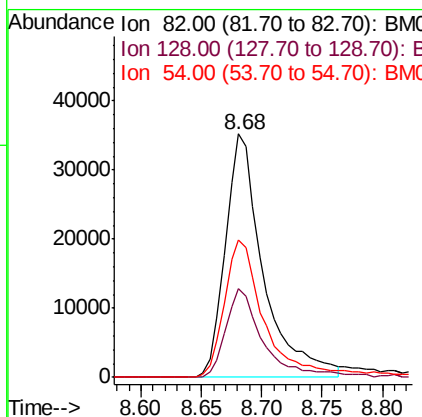
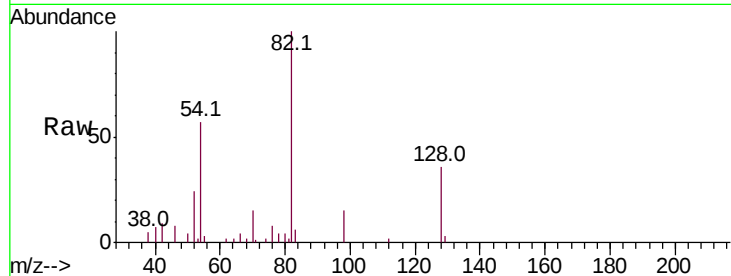




#23
 Nitrobenzene-d5
 Concen: 92.619 ng
 RT: 8.68 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BM022487.D
 Acq: 01 Sep 2019 21:16

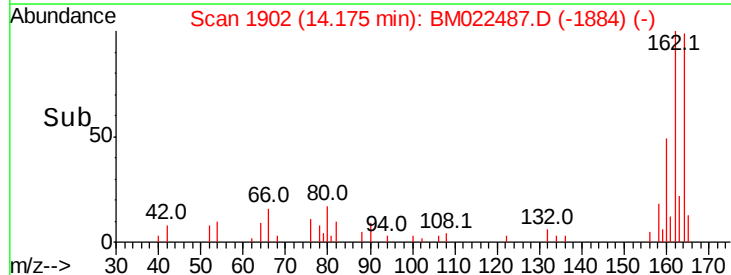
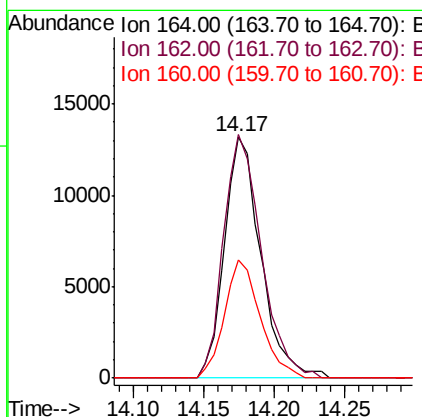
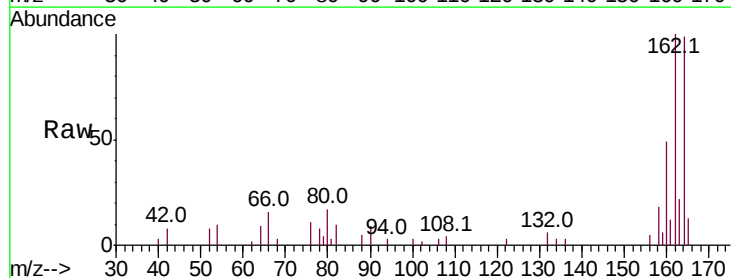
Instrument :
 BNA_M
 ClientSampleId :
 TW-6

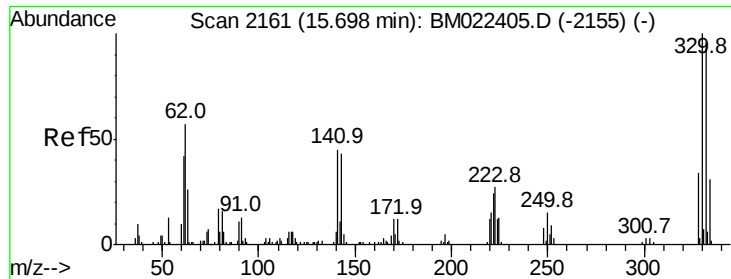
Tot Ion: 82 Resp: 77148
 Ion Ratio Lower Upper
 82 100
 128 36.4 27.9 41.9
 54 56.6 45.2 67.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.17 min Scan# 1902
 Delta R.T. 0.01 min
 Lab File: BM022487.D
 Acq: 01 Sep 2019 21:16

Tgt Ion: 164 Resp: 23707
 Ion Ratio Lower Upper
 164 100
 162 100.7 80.6 121.0
 160 48.9 37.3 55.9





#42

2,4,6-Tribromophenol

Concen: 117.985 ng

RT: 15.69 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BM022487.D

Acq: 01 Sep 2019 21:16

Instrument :

BNA_M

ClientSampled :

TW-6

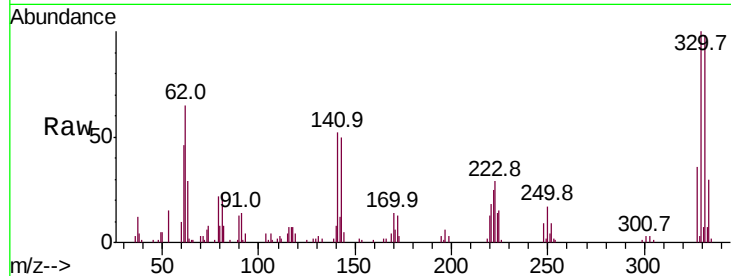
Tot Ion:330 Resp: 57236

Ion Ratio Lower Upper

330 100

332 97.2 77.8 116.8

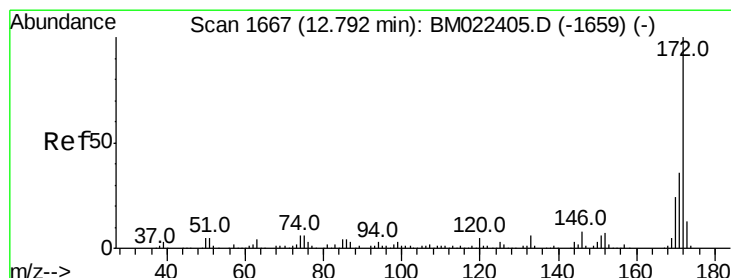
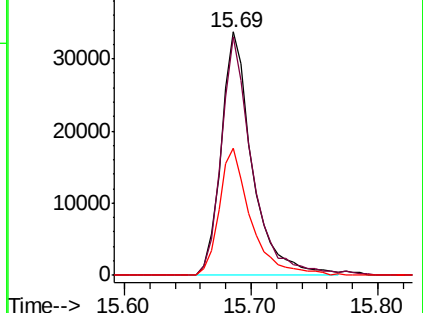
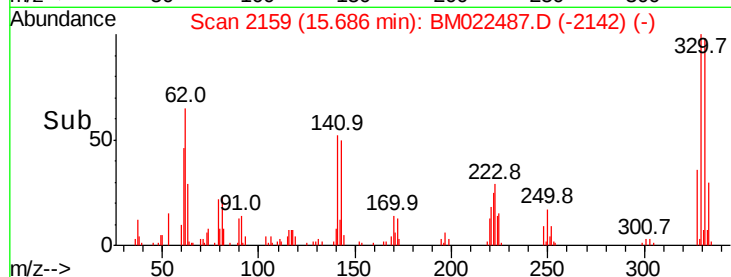
141 52.9 35.6 53.4



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: 82.029 ng

RT: 12.77 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BM022487.D

Acq: 01 Sep 2019 21:16

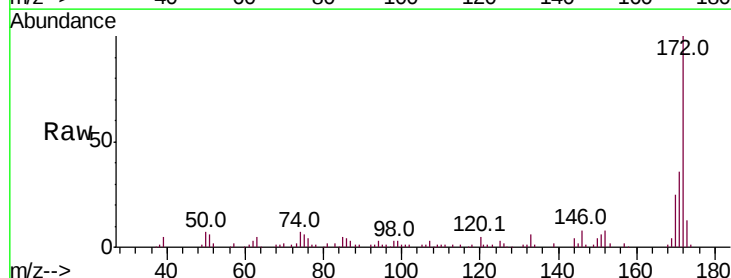
Tgt Ion:172 Resp: 171661

Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

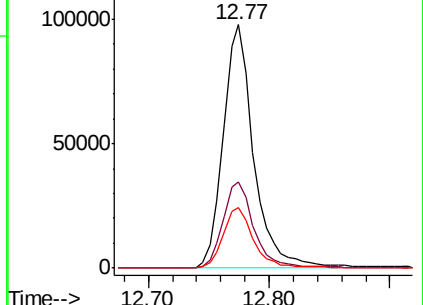
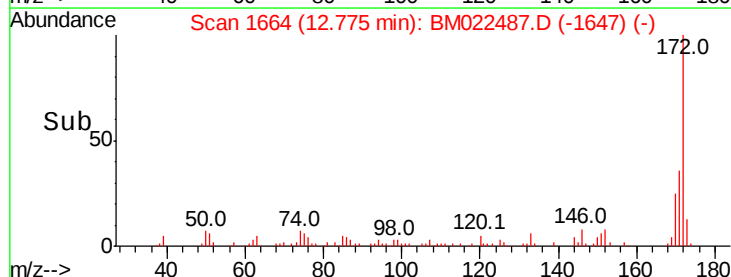
170 24.9 18.9 28.3

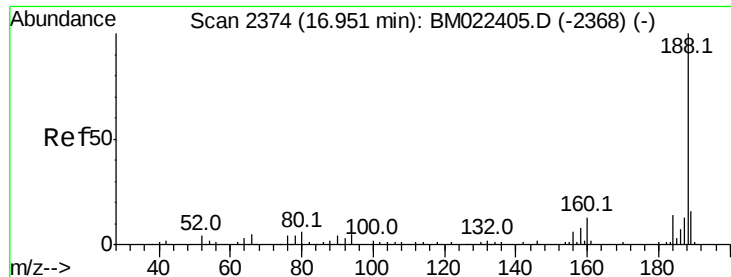


Abundance Ion 172.00 (171.70 to 172.70): E

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: 16.94 min Scan# 2373

Delta R.T. 0.01 min

Lab File: BM022487.D

Acq: 01 Sep 2019 21:16

Instrument :

BNA_M

ClientSampled :

TW-6

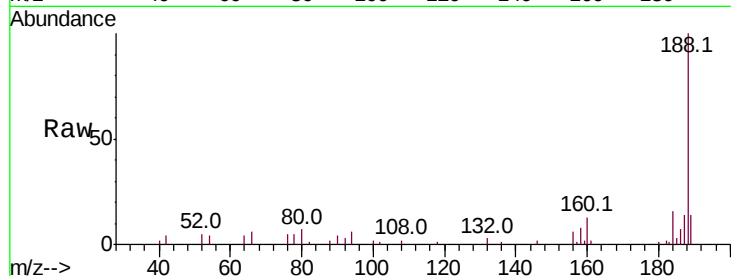
Tot Ion:188 Resp: 54625

Ion Ratio Lower Upper

188 100

94 6.3 4.4 6.6

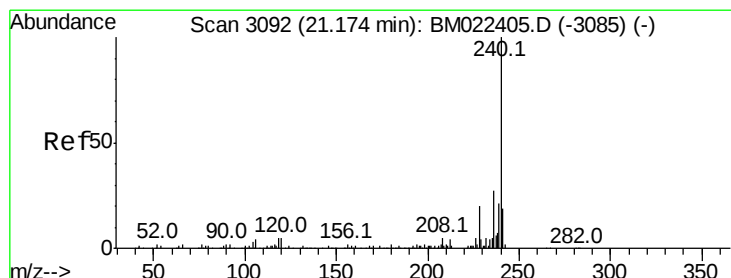
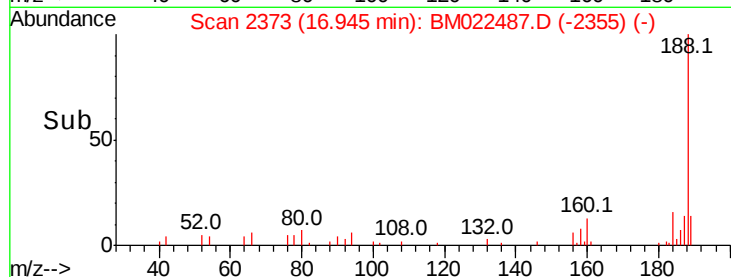
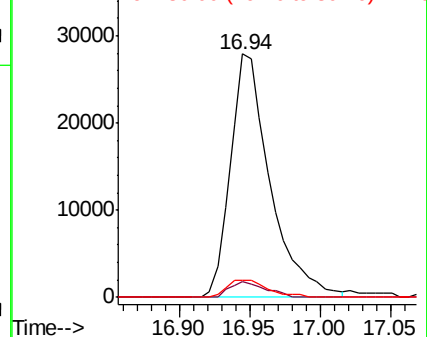
80 7.1 5.0 7.6



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: 21.16 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BM022487.D

Acq: 01 Sep 2019 21:16

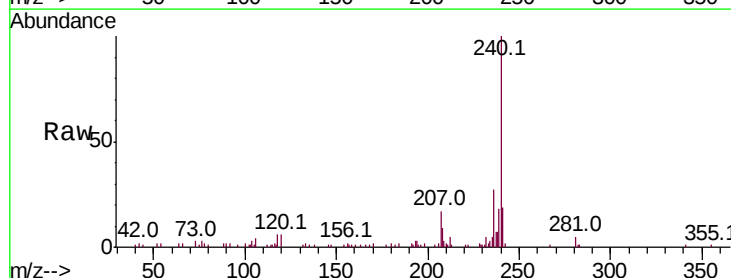
Tgt Ion:240 Resp: 82344

Ion Ratio Lower Upper

240 100

120 5.7 3.9 5.9

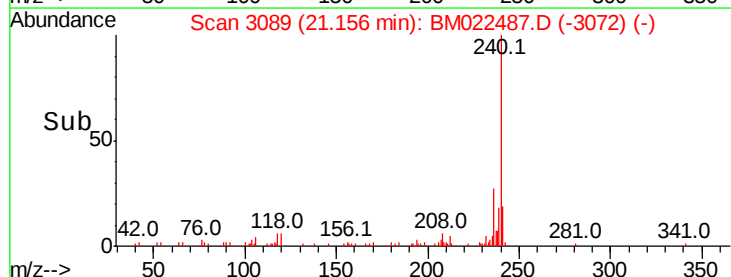
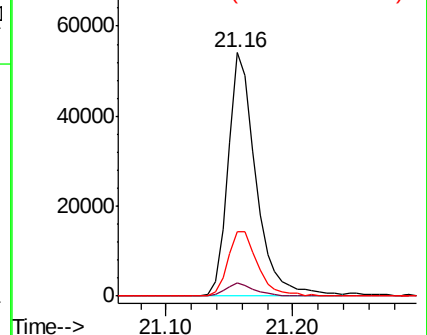
236 26.6 21.4 32.2

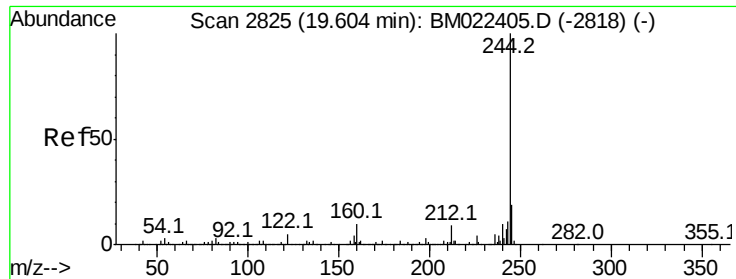


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

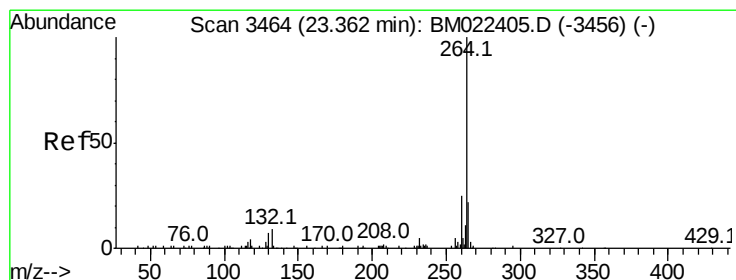
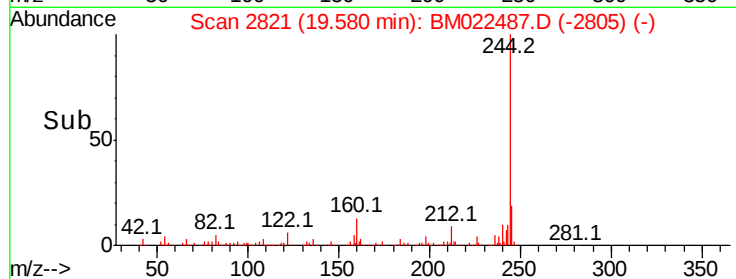
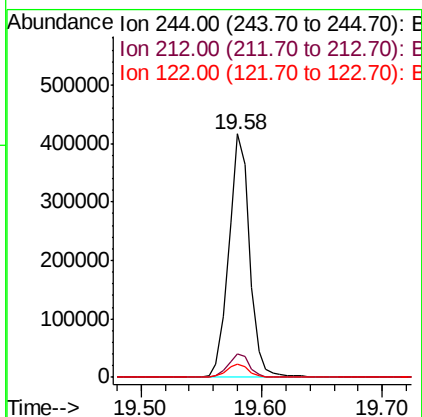
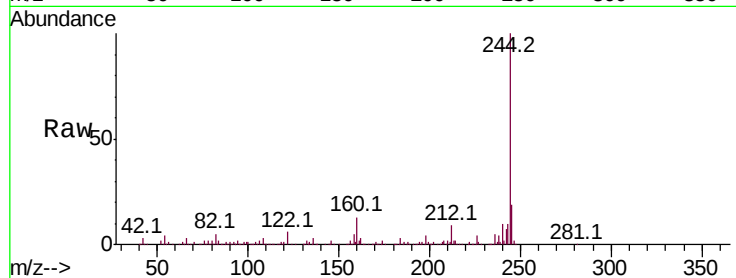




#79
 Terphenyl-d14
 Concen: 79.955 ng
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.01 min
 Lab File: BM022487.D
 Acq: 01 Sep 2019 21:16

Instrument :
 BNA_M
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 TW-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.0	10.4
122	5.6	3.9	5.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.34 min Scan# 3460
 Delta R.T. -0.01 min
 Lab File: BM022487.D
 Acq: 01 Sep 2019 21:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.2	30.2
265	22.0	18.2	27.2

