

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090119\
 Data File : BM022485.D
 Acq On : 01 Sep 2019 20:02
 Operator : HP/JU
 Sample : K4555-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TW-11

Quant Time: Sep 02 04:33:59 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	9273	20.00	ng	0.00
21) Naphthalene-d8	10.28	136	34935	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	22913	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	53506	20.00	ng	0.00
76) Chrysene-d12	21.16	240	76005	20.00	ng	0.00
87) Perylene-d12	23.34	264	92617	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	44207	83.68	ng	0.00
7) Phenol-d6	6.71	99	35616	50.42	ng	0.00
23) Nitrobenzene-d5	8.68	82	74158	92.98	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	60716	129.50	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	167445	82.79	ng	0.00
79) Terphenyl-d14	19.59	244	494239	85.82	ng	0.00

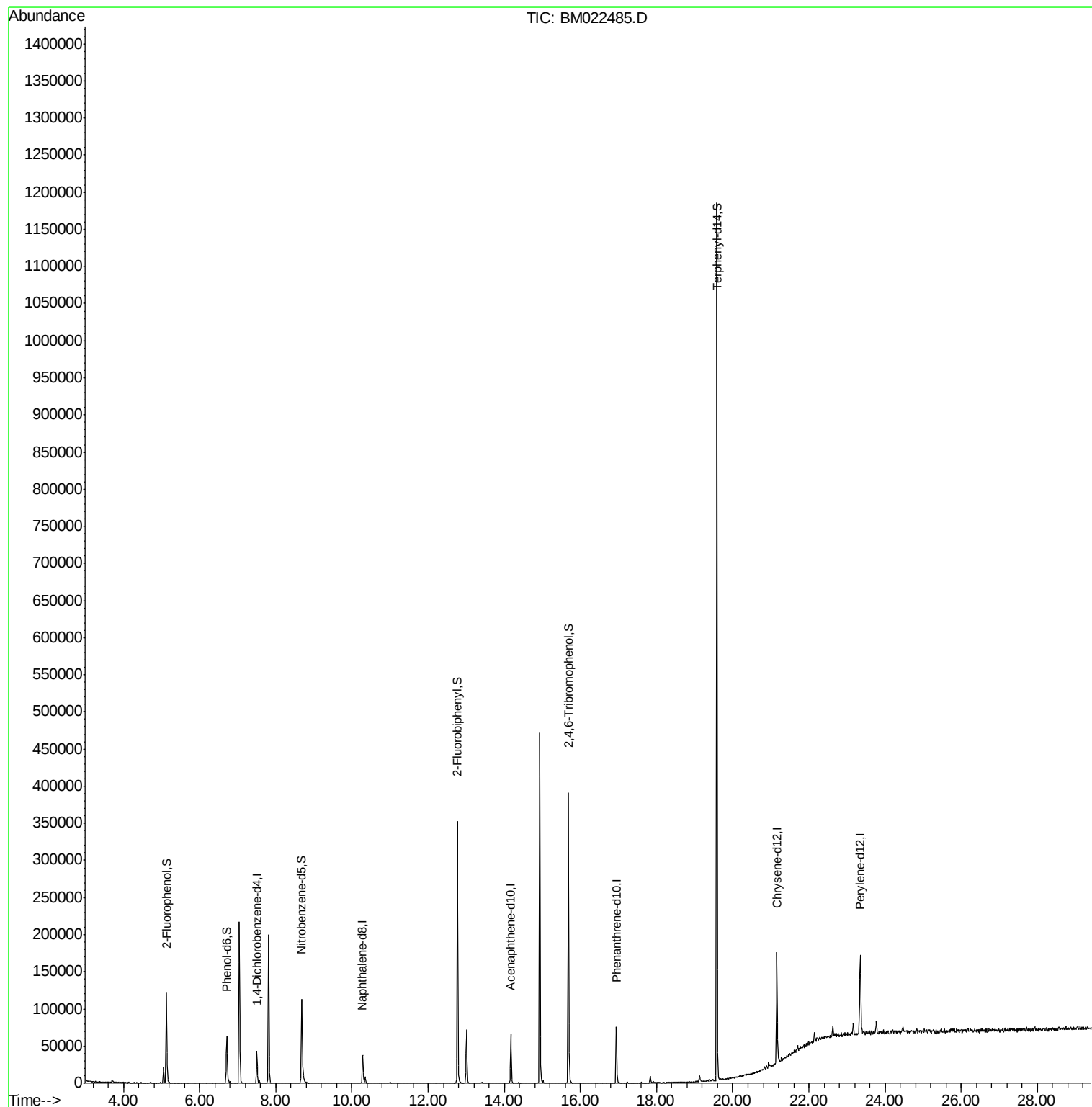
Target Compounds Qvalue

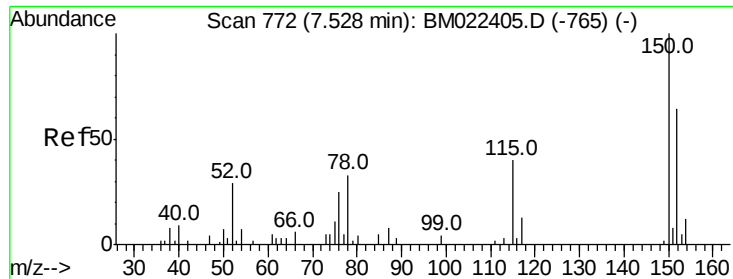
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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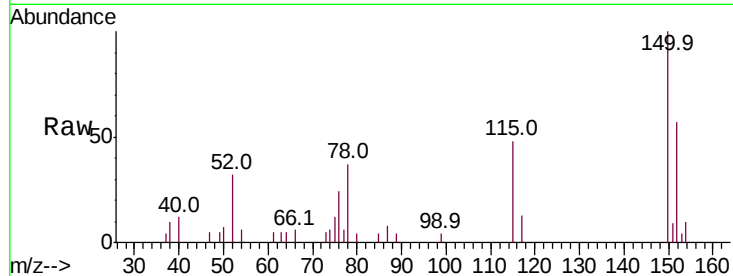


#1

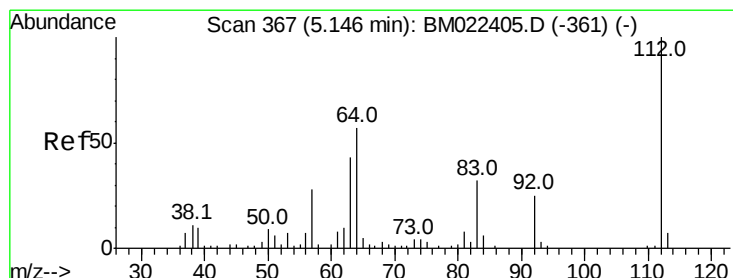
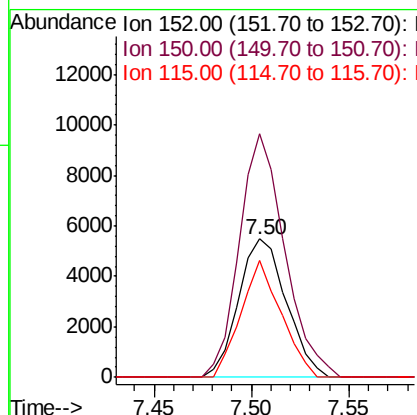
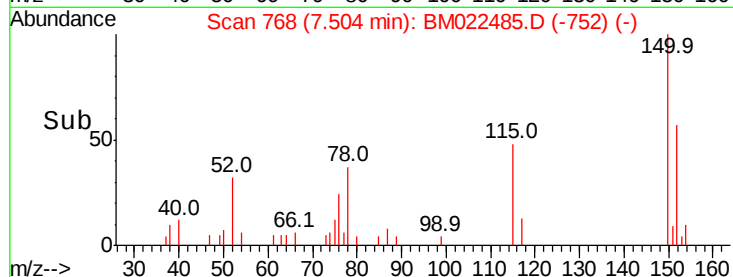
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM022485.D
Acq: 01 Sep 2019 20:02

Instrument :
BNA_M
ClientSampleId :
TW-11

Tot Ion:152 Resp: 9273
Ion Ratio Lower Upper
152 100
150 176.2 125.4 188.0
115 84.5 50.3 75.5#



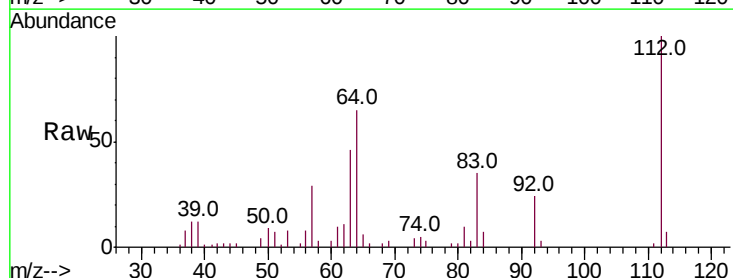
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



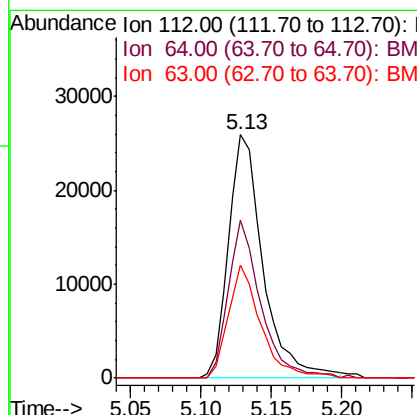
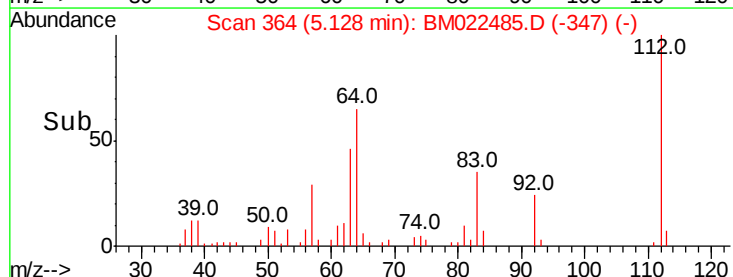
#5

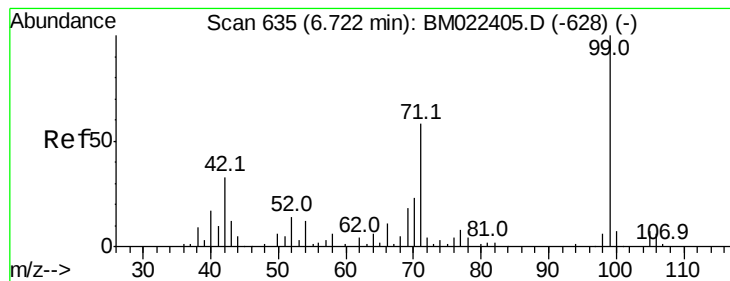
2-Fluorophenol
Concen: 83.681 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.00 min
Lab File: BM022485.D
Acq: 01 Sep 2019 20:02

Tgt Ion:112 Resp: 44207
Ion Ratio Lower Upper
112 100
64 64.7 45.4 68.2
63 46.3 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: 50.416 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.00 min

Lab File: BM022485.D

Acq: 01 Sep 2019 20:02

Instrument :

BNA_M

ClientSampled :

TW-11

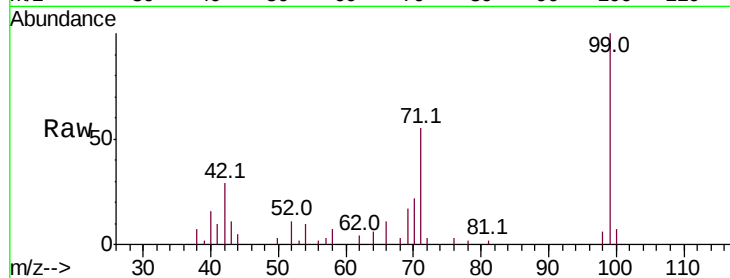
Tot Ion: 99 Resp: 35616

Ion Ratio Lower Upper

99 100

42 29.3 26.3 39.5

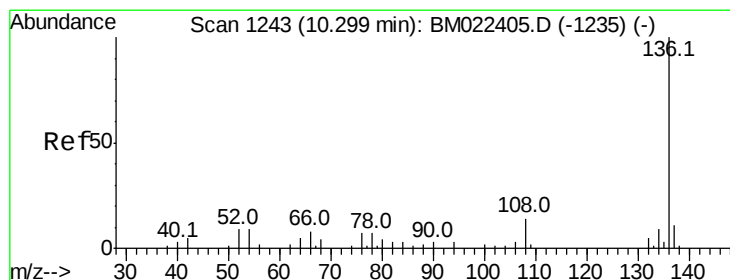
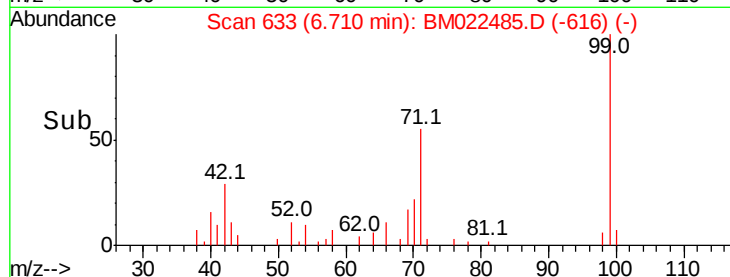
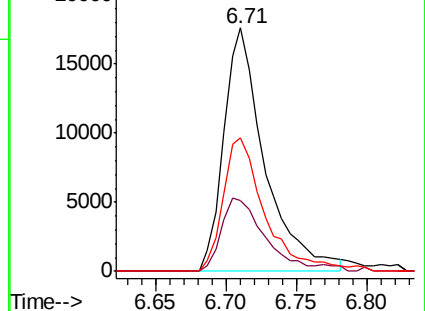
71 54.6 46.6 69.8



Abundance Ion 99.00 (98.70 to 99.70): BM022405.D (-628) (-)

Ion 42.00 (41.70 to 42.70): BM022405.D (-628) (-)

Ion 71.00 (70.70 to 71.70): BM022405.D (-628) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.28 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BM022485.D

Acq: 01 Sep 2019 20:02

Tgt Ion: 136 Resp: 34935

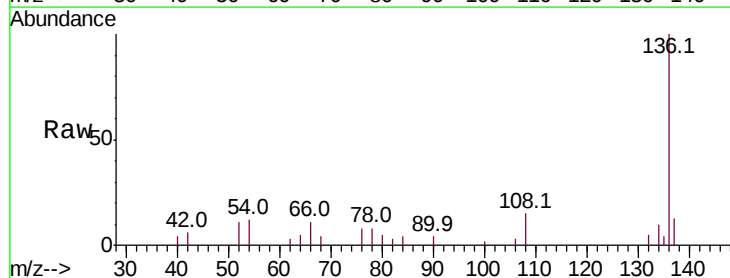
Ion Ratio Lower Upper

136 100

137 12.7 8.6 13.0

54 11.6 7.0 10.6#

68 3.8 2.9 4.3

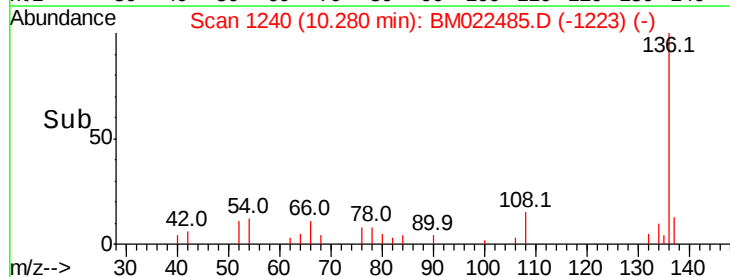
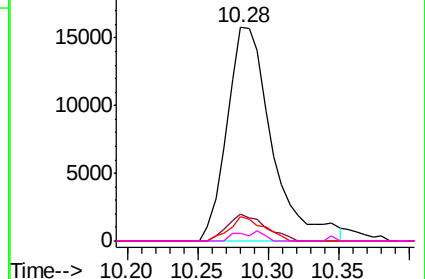


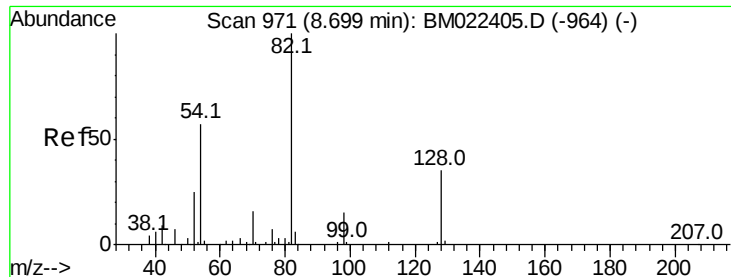
Abundance Ion 136.00 (135.70 to 136.70): BM022405.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM022405.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM022405.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM022405.D (-1235) (-)

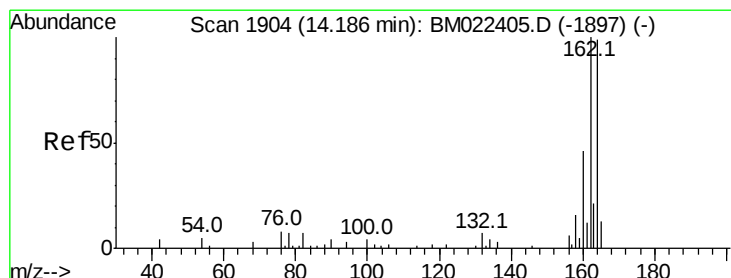
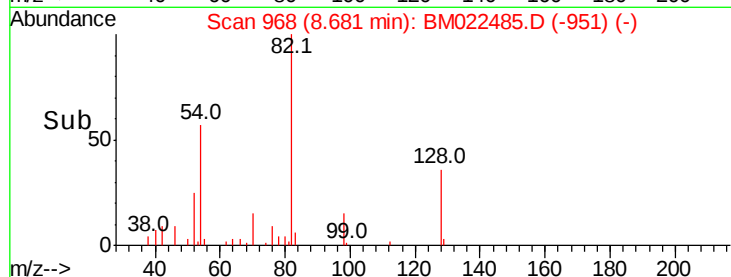
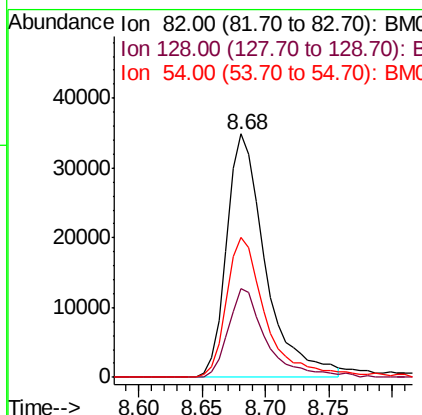
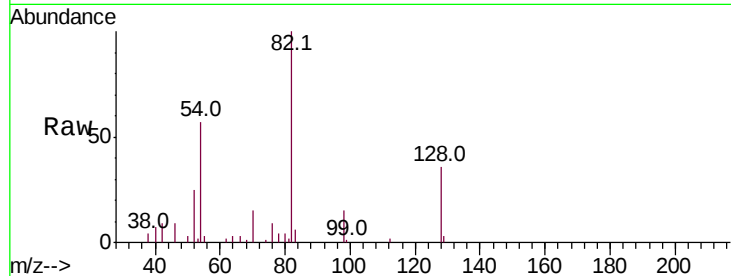




#23
Nitrobenzene-d5
Concen: 92.977 ng
RT: 8.68 min Scan# 968
Delta R.T. -0.00 min
Lab File: BM022485.D
Acq: 01 Sep 2019 20:02

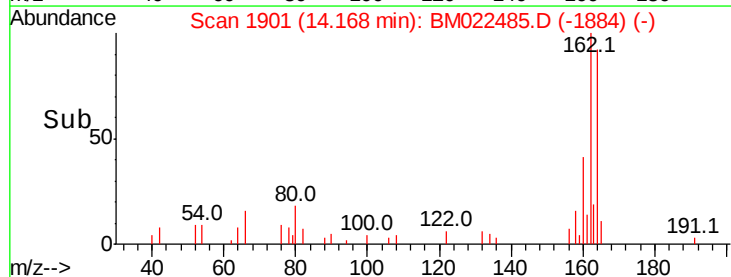
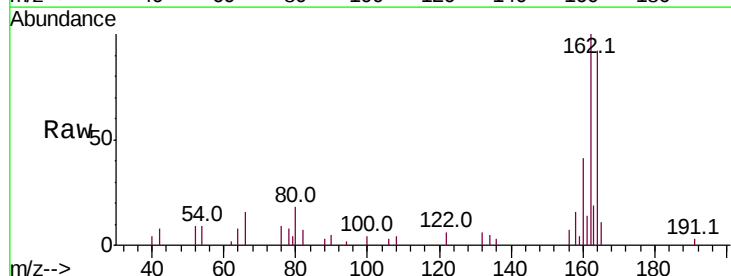
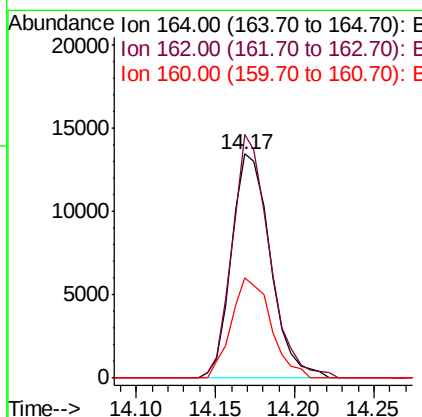
Instrument :
BNA_M
ClientSampled :
TW-11

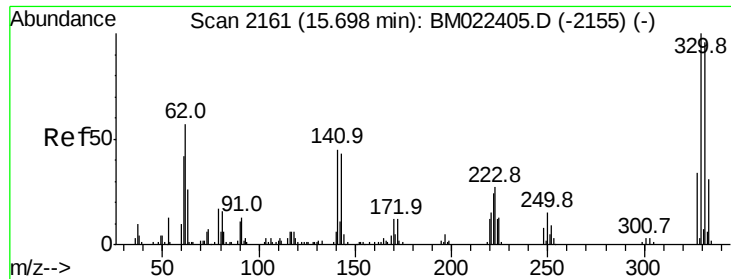
Tot Ion	82	Resp	74158
Ion Ratio	Lower	Upper	
82	100		
128	36.3	27.9	41.9
54	57.2	45.2	67.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.17 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BM022485.D
Acq: 01 Sep 2019 20:02

Tgt Ion	164	Resp	22913
Ion Ratio	Lower	Upper	
164	100		
162	108.6	80.6	121.0
160	44.9	37.3	55.9





#42

2,4,6-Tribromophenol

Concen: 129.496 ng

RT: 15.69 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BM022485.D

Acq: 01 Sep 2019 20:02

Instrument :

BNA_M

ClientSampled :

TW-11

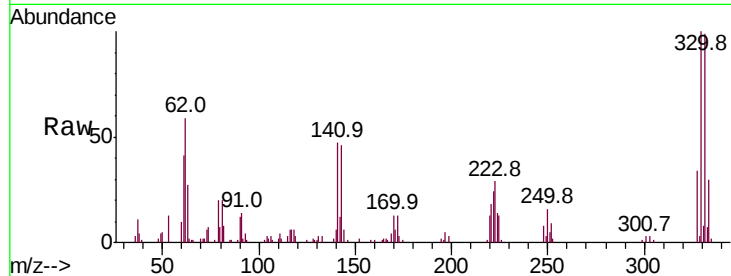
Tot Ion:330 Resp: 60716

Ion Ratio Lower Upper

330 100

332 96.8 77.8 116.8

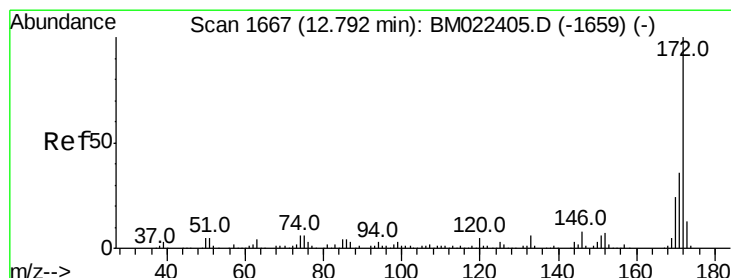
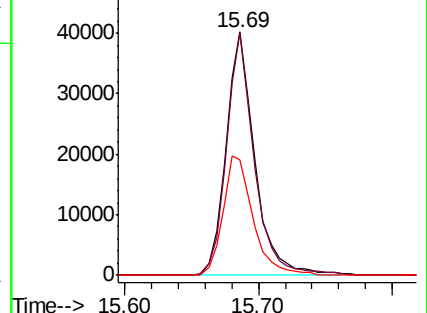
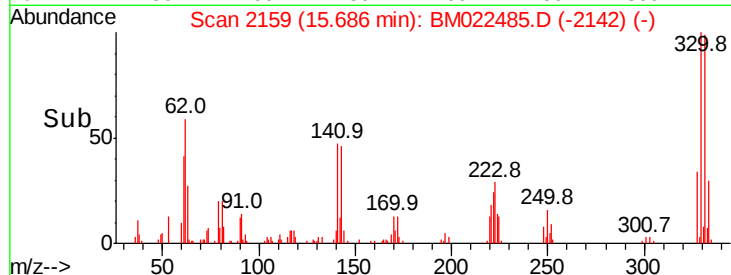
141 51.4 35.6 53.4



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: 82.787 ng

RT: 12.77 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BM022485.D

Acq: 01 Sep 2019 20:02

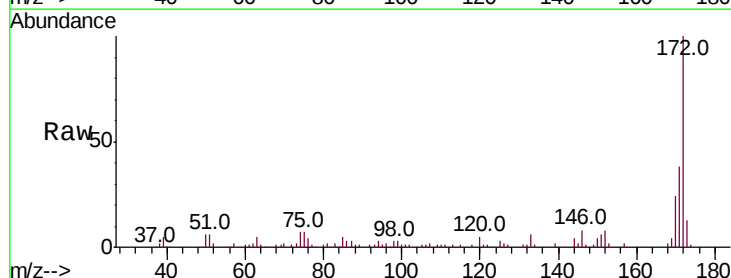
Tgt Ion:172 Resp: 167445

Ion Ratio Lower Upper

172 100

171 37.8 28.5 42.7

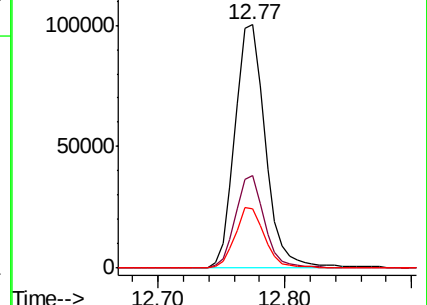
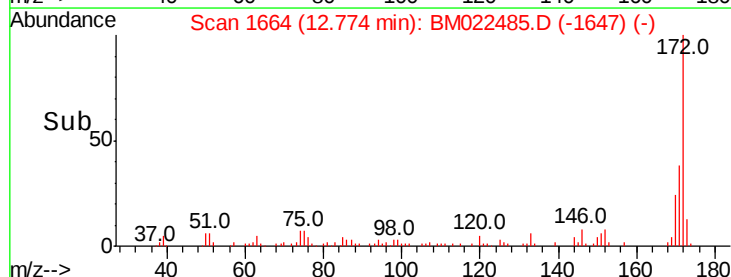
170 24.4 18.9 28.3

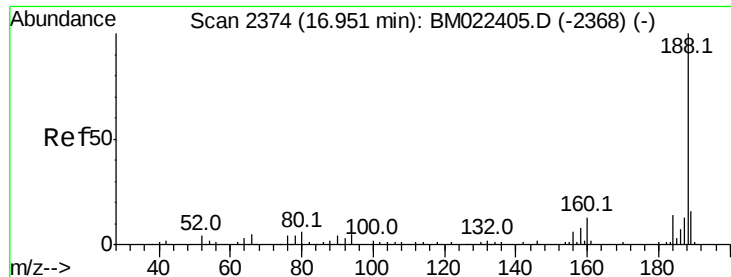


Abundance Ion 172.00 (171.70 to 172.70): E

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: BM022485.D

Acq: 01 Sep 2019 20:02

Instrument :

BNA_M

ClientSampleId :

TW-11

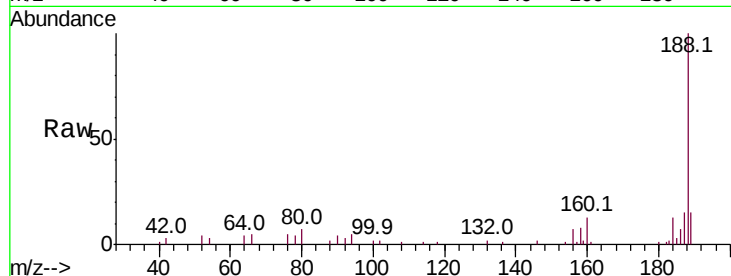
Tot Ion:188 Resp: 53506

Ion Ratio Lower Upper

188 100

94 5.0 4.4 6.6

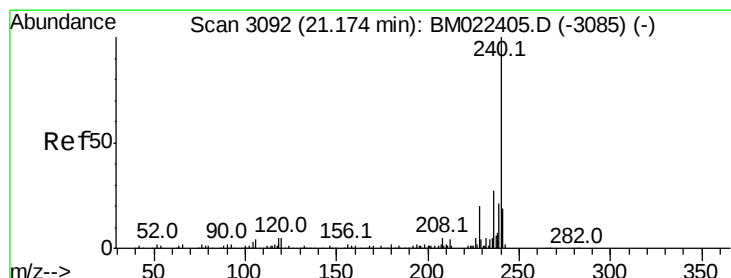
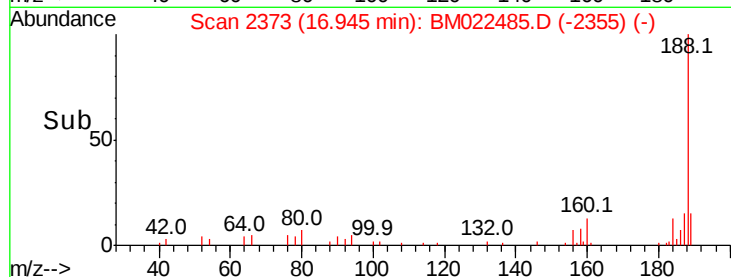
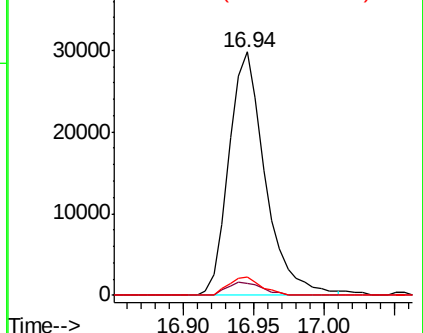
80 7.4 5.0 7.6



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: 21.16 min Scan# 3090

Delta R.T. 0.01 min

Lab File: BM022485.D

Acq: 01 Sep 2019 20:02

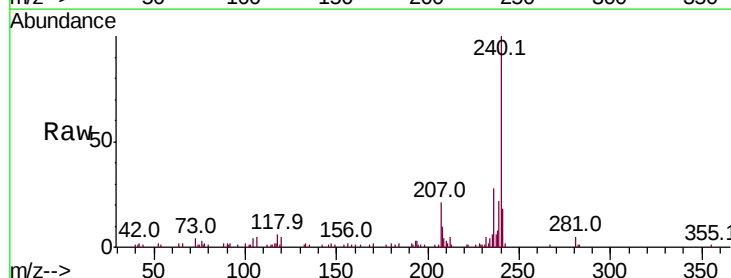
Tgt Ion:240 Resp: 76005

Ion Ratio Lower Upper

240 100

120 5.2 3.9 5.9

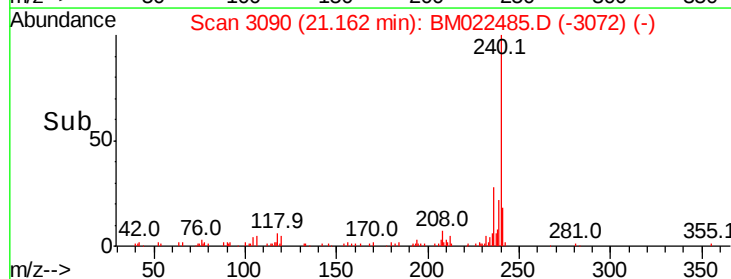
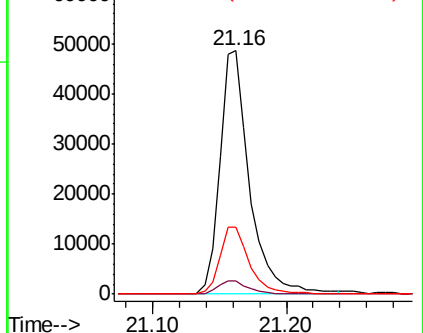
236 27.7 21.4 32.2

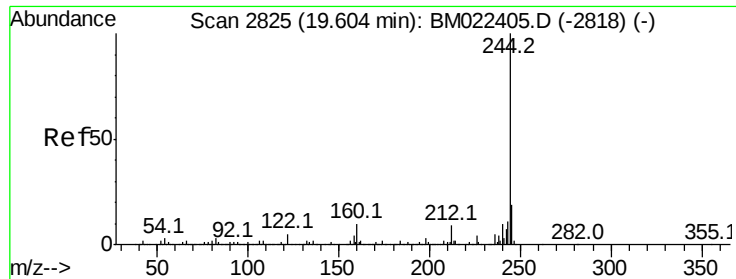


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

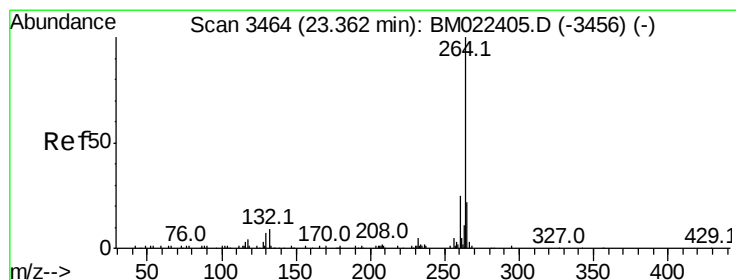
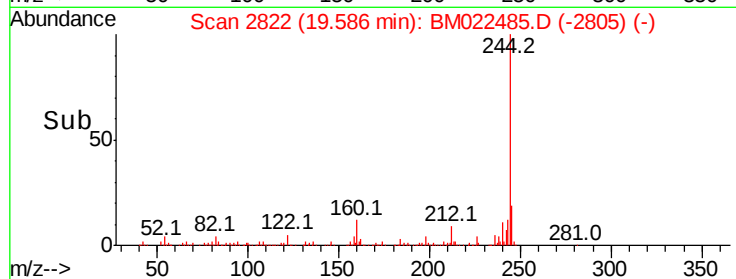
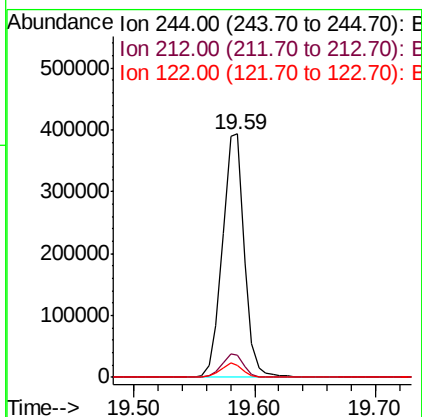
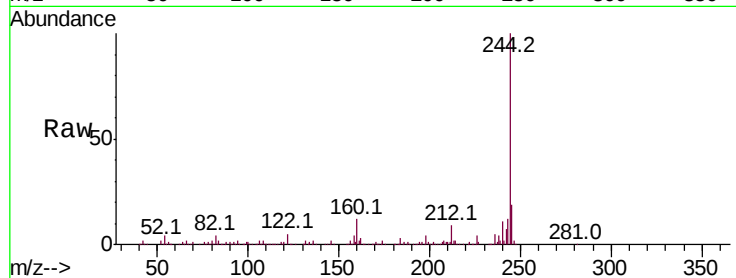




#79
 Terphenyl-d14
 Concen: 85.820 ng
 RT: 19.59 min Scan# 2822
 Delta R.T. -0.00 min
 Lab File: BM022485.D
 Acq: 01 Sep 2019 20:02

Instrument :
 BNA_M
 ClientSampleId :
 TW-11

Tot Ion:244	Resp:	494239
Ion Ratio	Lower	Upper
244	100	
212	9.0	7.0 10.4
122	5.1	3.9 5.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.34 min Scan# 3461
 Delta R.T. -0.00 min
 Lab File: BM022485.D
 Acq: 01 Sep 2019 20:02

Tgt Ion:264	Resp:	92617
Ion Ratio	Lower	Upper
264	100	
260	26.8	20.2 30.2
265	22.5	18.2 27.2

