

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090119\
 Data File : BM022484.D
 Acq On : 01 Sep 2019 19:26
 Operator : HP/JU
 Sample : K4555-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TW-10

Quant Time: Sep 02 04:32:11 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	10617	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	36277	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	23088	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	54653	20.00	ng	0.01
76) Chrysene-d12	21.16	240	80334	20.00	ng	0.00
87) Perylene-d12	23.34	264	97853	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	36270	59.97	ng	0.00
7) Phenol-d6	6.71	99	26882	33.24	ng	0.00
23) Nitrobenzene-d5	8.68	82	77446	93.51	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	60023	127.05	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	172865	84.82	ng	0.00
79) Terphenyl-d14	19.58	244	523634	86.02	ng	0.00

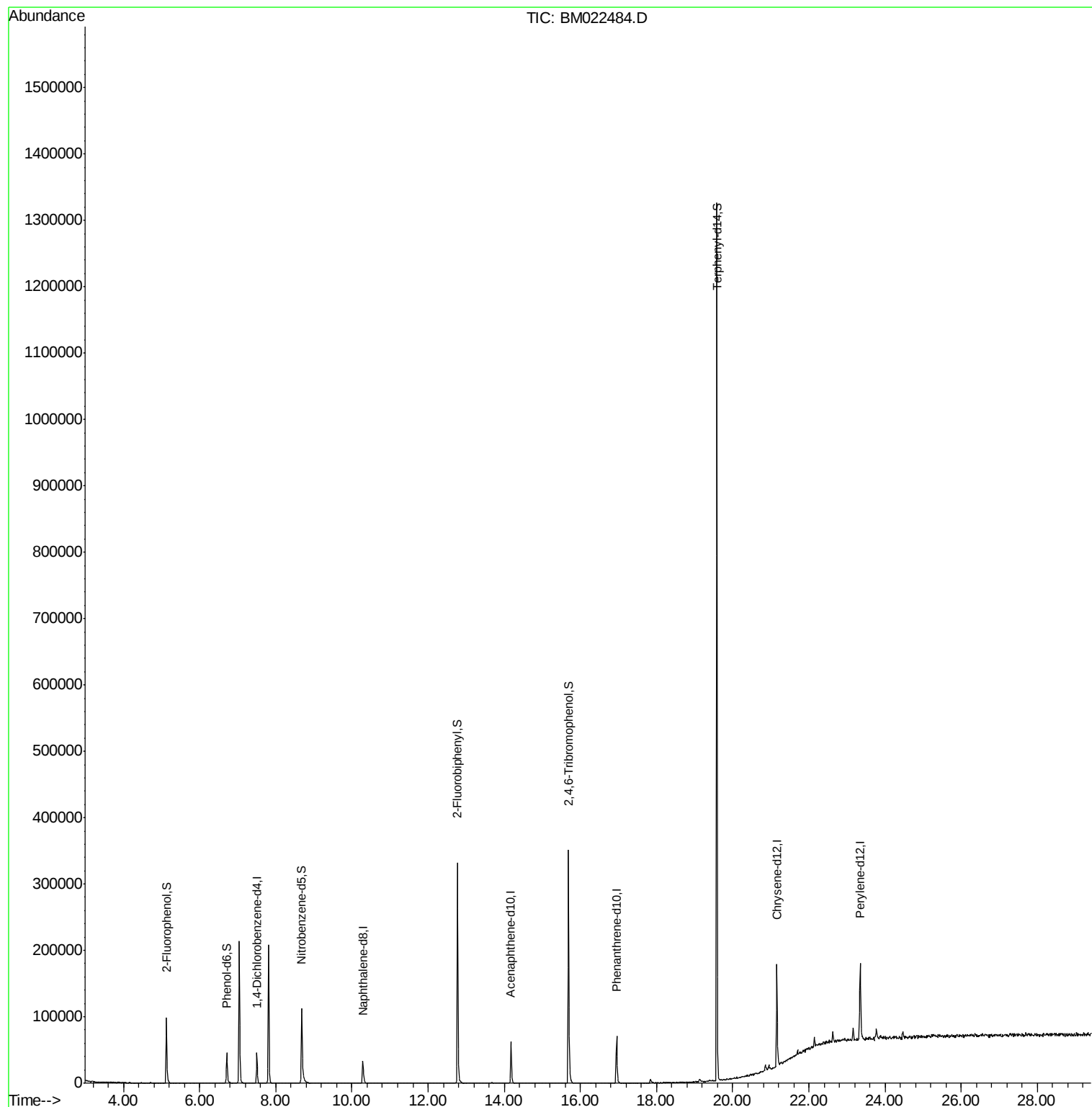
Target Compounds Qvalue

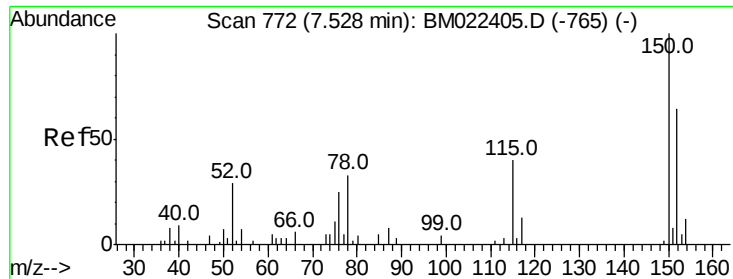
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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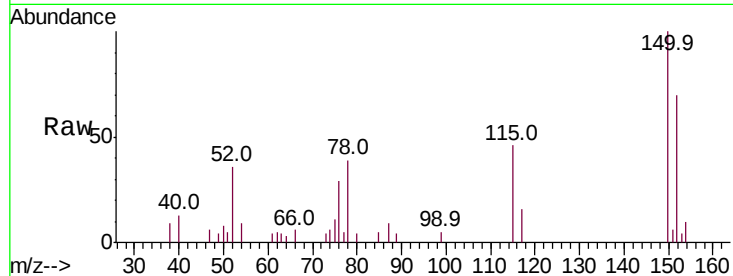


#1

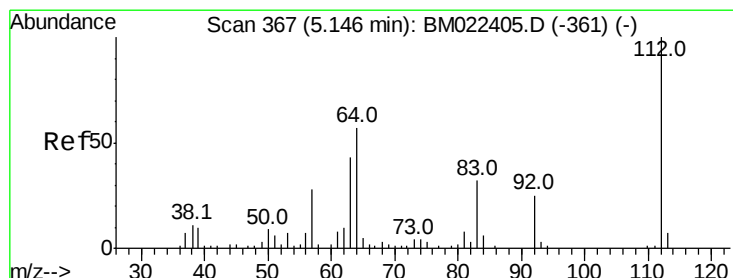
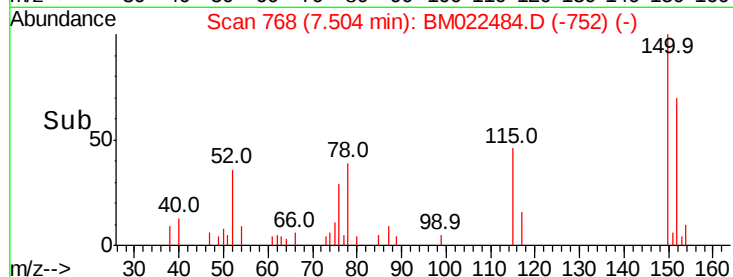
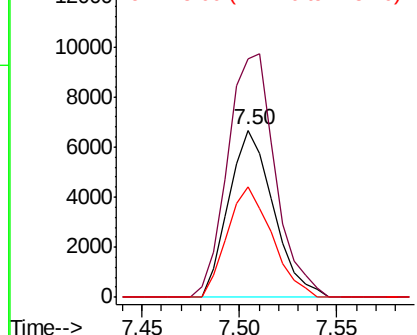
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM022484.D
Acq: 01 Sep 2019 19:26

Instrument :
BNA_M
ClientSampleId :
TW-10

Tot Ion:152 Resp: 10617
Ion Ratio Lower Upper
152 100
150 142.2 125.4 188.0
115 65.6 50.3 75.5



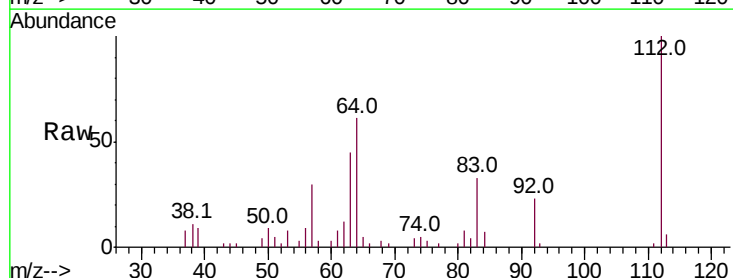
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



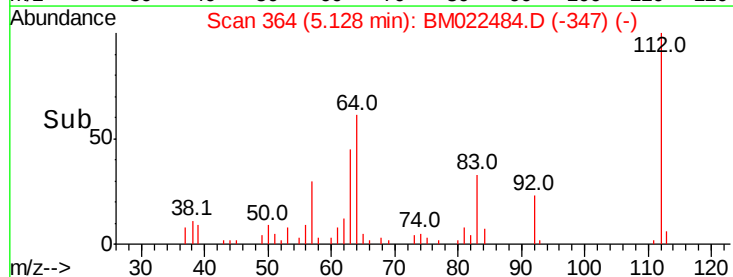
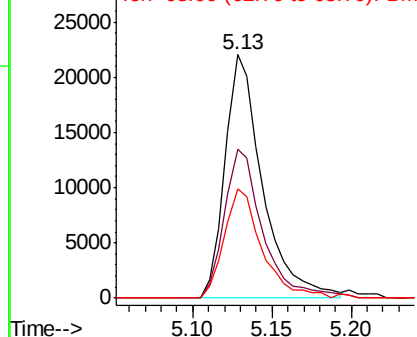
#5

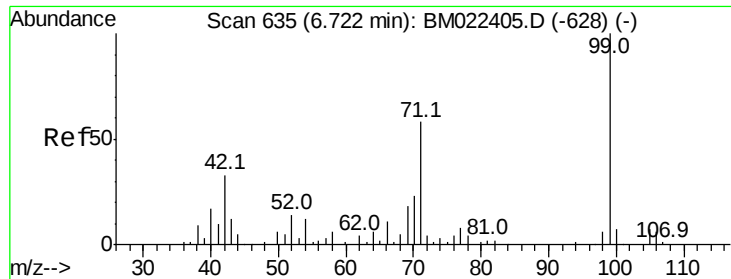
2-Fluorophenol
Concen: 59.966 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.00 min
Lab File: BM022484.D
Acq: 01 Sep 2019 19:26

Tgt Ion:112 Resp: 36270
Ion Ratio Lower Upper
112 100
64 61.2 45.4 68.2
63 44.7 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: 33.235 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.00 min

Lab File: BM022484.D

Acq: 01 Sep 2019 19:26

Instrument :

BNA_M

ClientSampleId :

TW-10

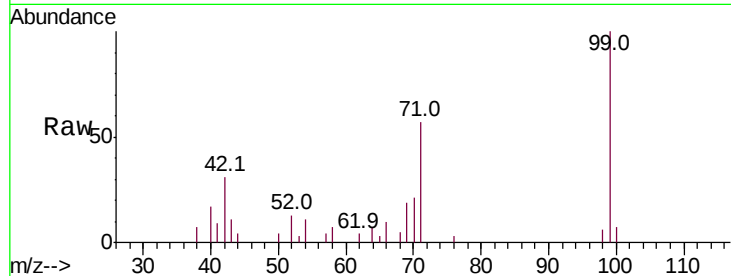
Tot Ion: 99 Resp: 26882

Ion Ratio Lower Upper

99 100

42 31.0 26.3 39.5

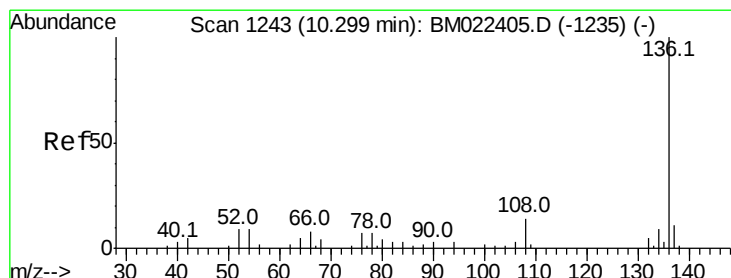
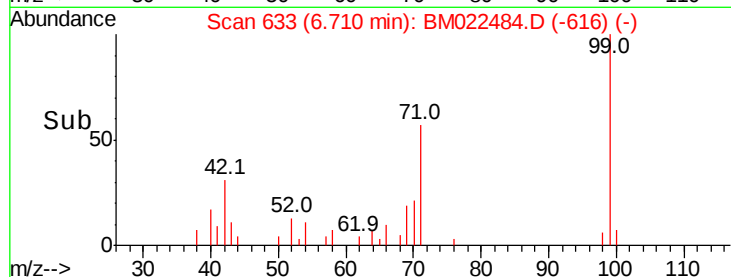
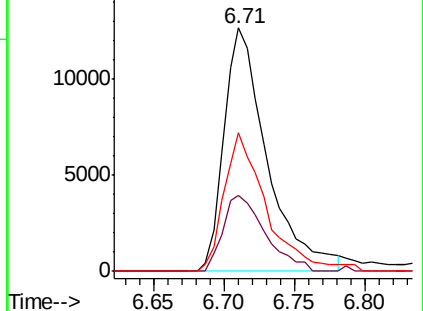
71 57.1 46.6 69.8



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: 10.29 min Scan# 1241

Delta R.T. 0.01 min

Lab File: BM022484.D

Acq: 01 Sep 2019 19:26

Tgt Ion: 136 Resp: 36277

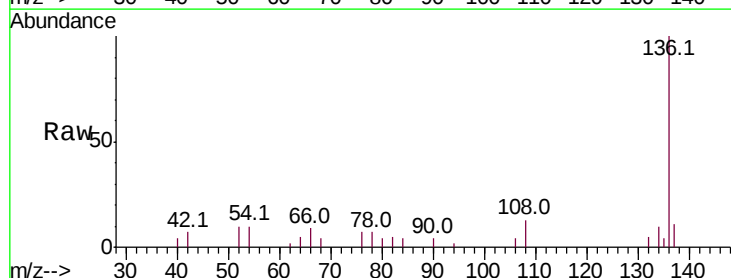
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 9.8 7.0 10.6

68 4.2 2.9 4.3

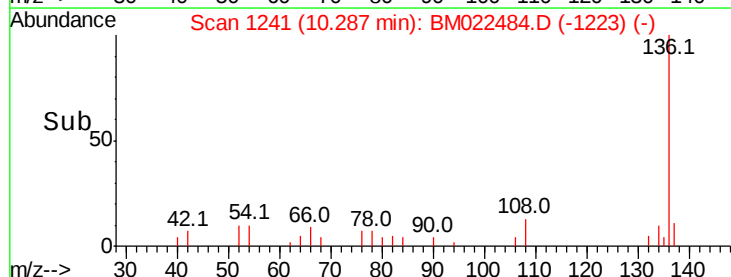
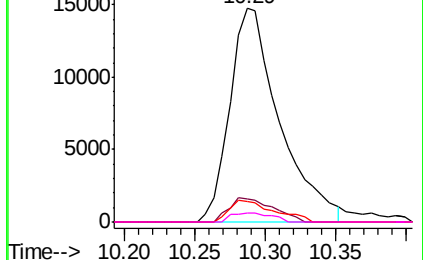


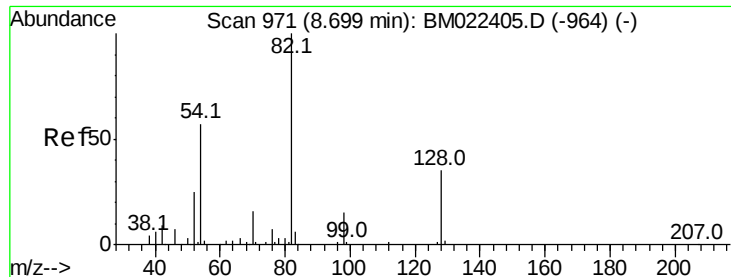
Abundance Ion 136.00 (135.70 to 136.70): BM022405.D (-1235) (-)

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) (-)

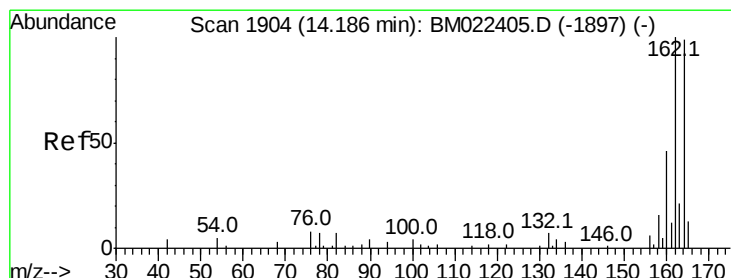
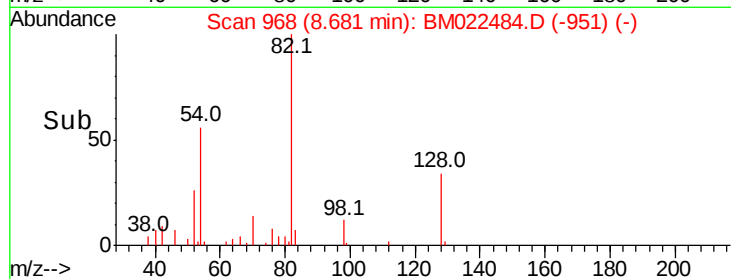
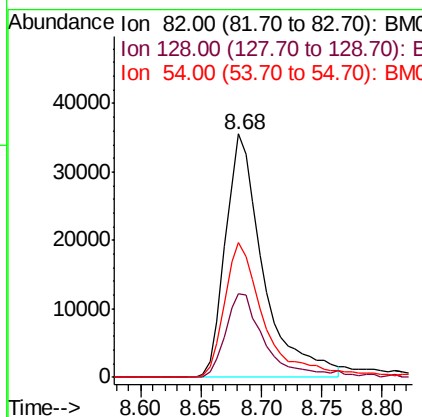
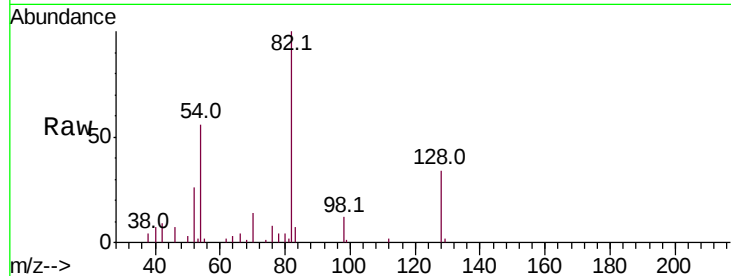




#23
 Nitrobenzene-d5
 Concen: 93.507 ng
 RT: 8.68 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BM022484.D
 Acq: 01 Sep 2019 19:26

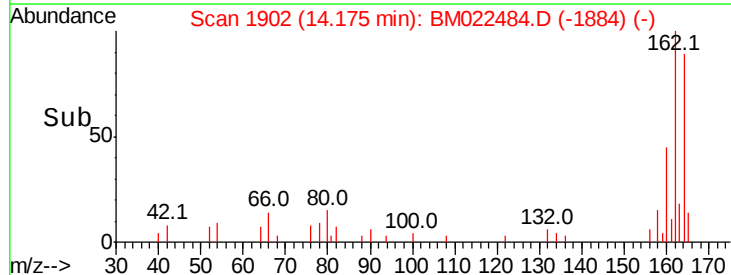
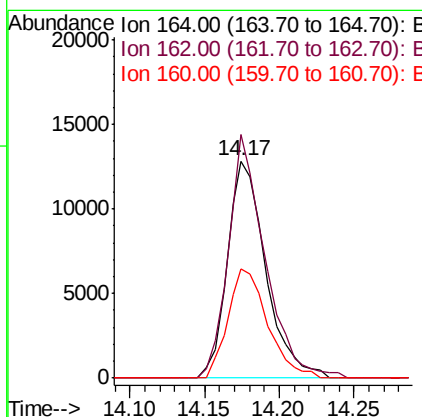
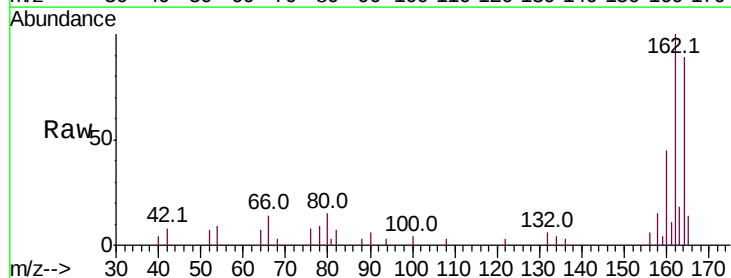
Instrument :
 BNA_M
 ClientSampleId :
 TW-10

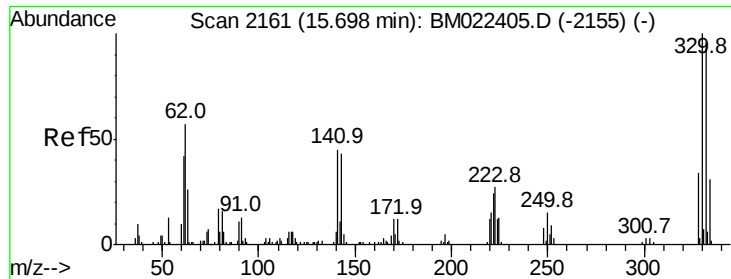
Tot Ion	82	Resp	77446
Ion Ratio	Lower	Upper	
82	100		
128	34.2	27.9	41.9
54	55.5	45.2	67.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.17 min Scan# 1902
 Delta R.T. 0.01 min
 Lab File: BM022484.D
 Acq: 01 Sep 2019 19:26

Tgt Ion	164	Resp	23088
Ion Ratio	Lower	Upper	
164	100		
162	112.2	80.6	121.0
160	50.3	37.3	55.9

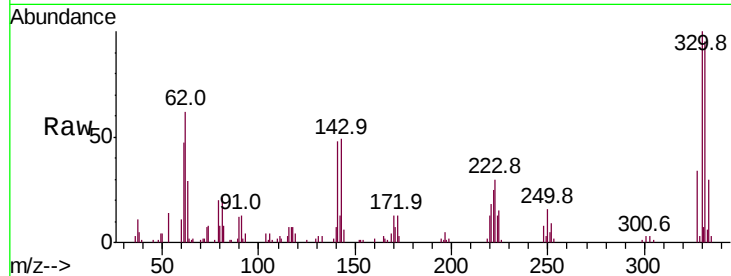




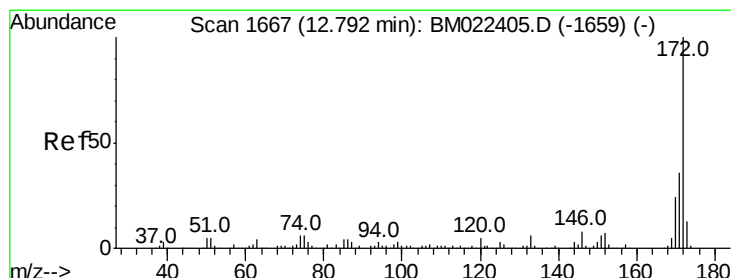
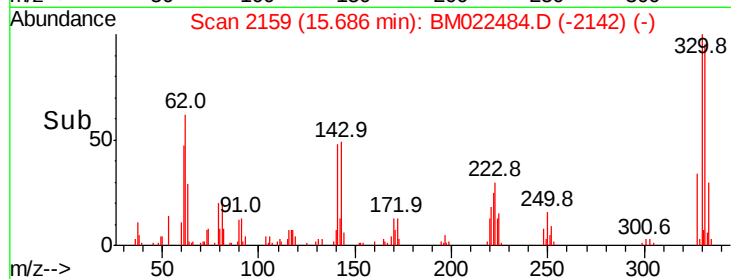
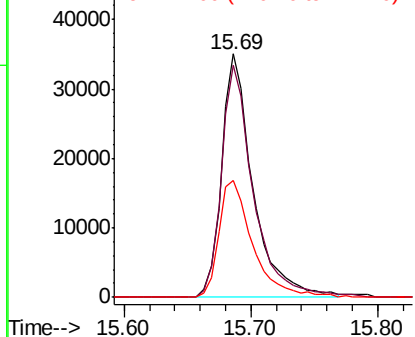
#42
 2,4,6-Tribromophenol
 Concen: 127.048 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BM022484.D
 Acq: 01 Sep 2019 19:26

Instrument :
 BNA_M
 ClientSampled :
 TW-10

Tot Ion:330 Resp: 60023
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.8 116.8
 141 51.8 35.6 53.4

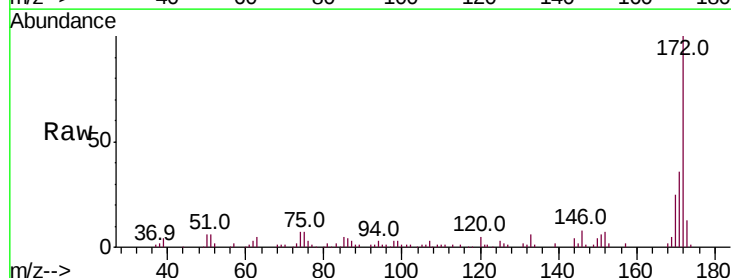


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

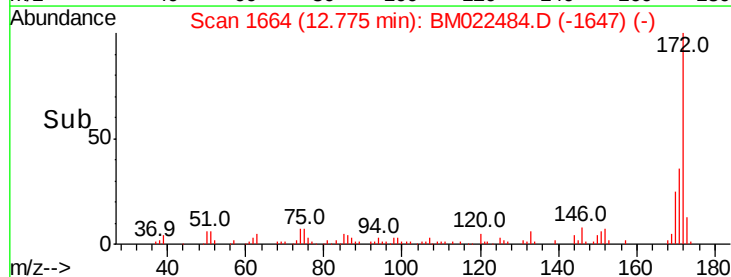
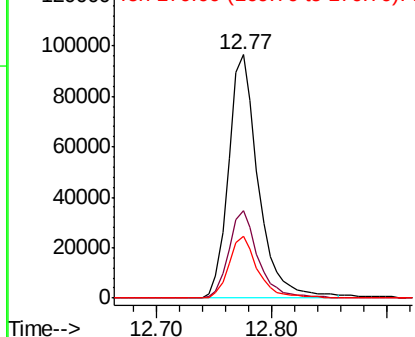


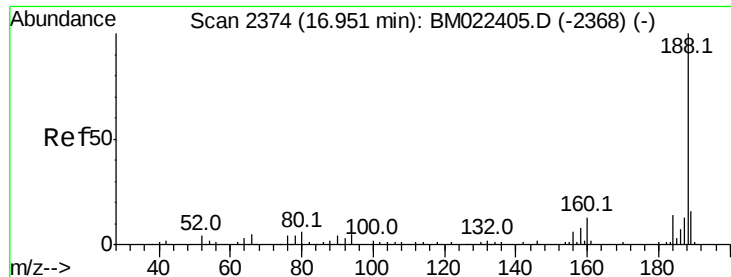
#45
 2-Fluorobiphenyl
 Concen: 84.819 ng
 RT: 12.77 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: BM022484.D
 Acq: 01 Sep 2019 19:26

Tgt Ion:172 Resp: 172865
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 25.3 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

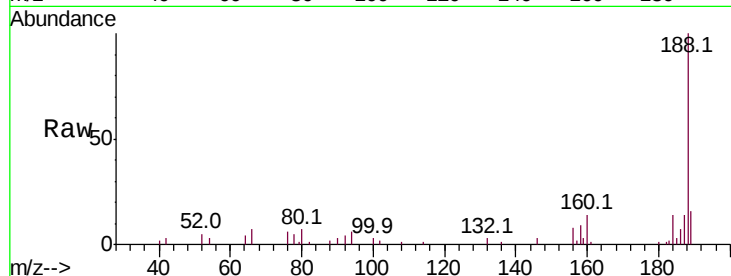




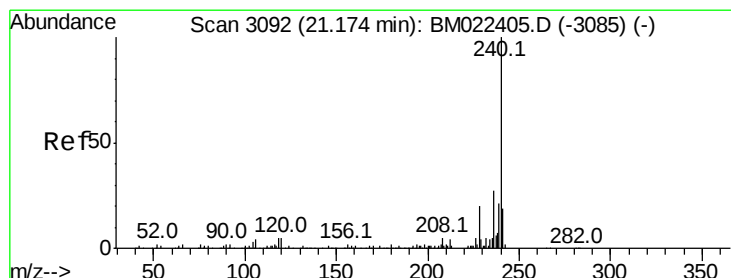
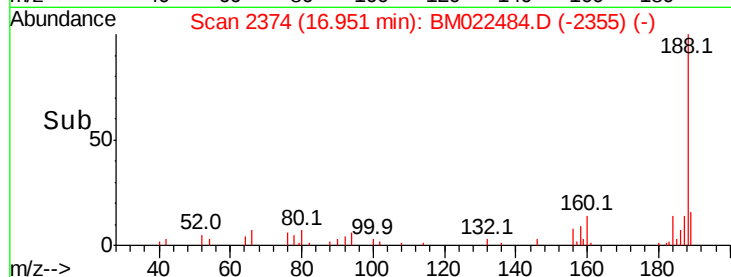
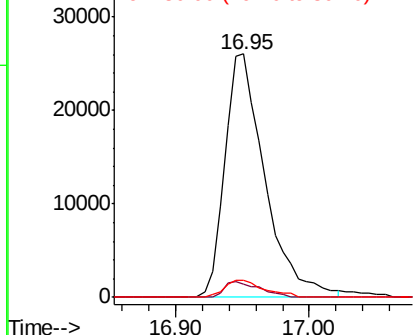
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. 0.01 min
Lab File: BM022484.D
Acq: 01 Sep 2019 19:26

Instrument :
BNA_M
ClientSampleId :
TW-10

Tot Ion:188 Resp: 54653
Ion Ratio Lower Upper
188 100
94 5.7 4.4 6.6
80 7.3 5.0 7.6

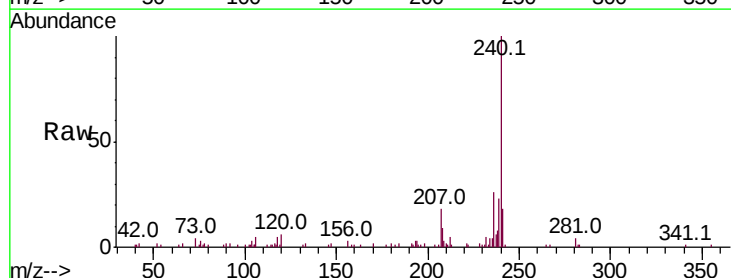


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

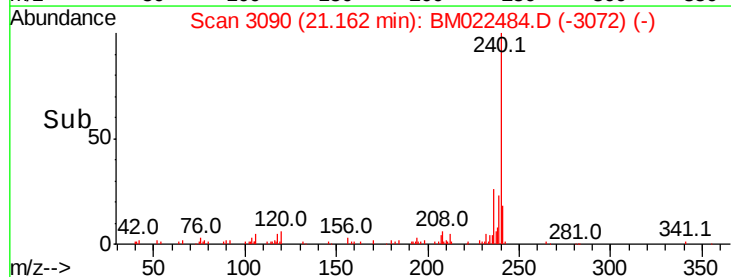
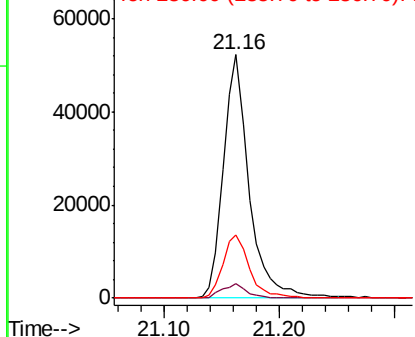


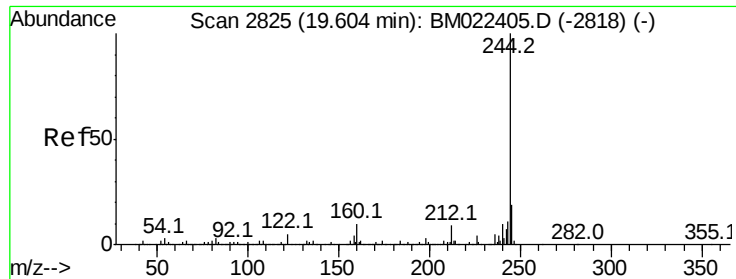
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BM022484.D
Acq: 01 Sep 2019 19:26

Tgt Ion:240 Resp: 80334
Ion Ratio Lower Upper
240 100
120 5.9 3.9 5.9
236 26.2 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

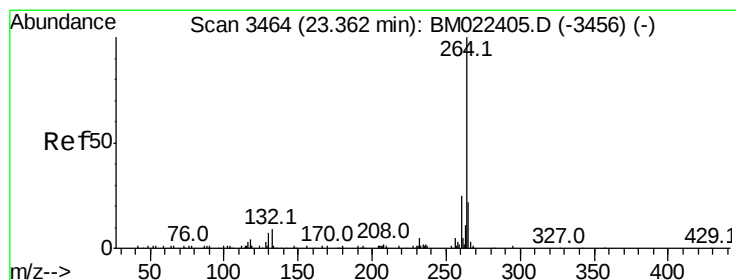
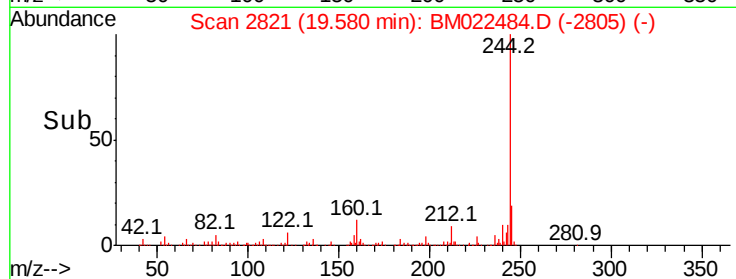
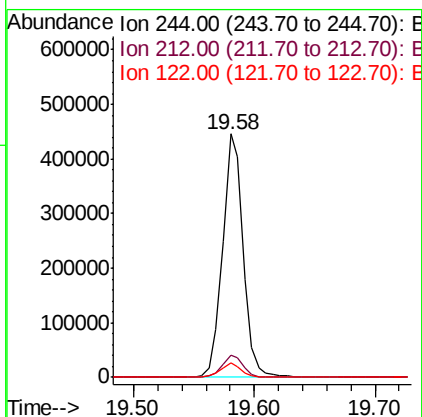
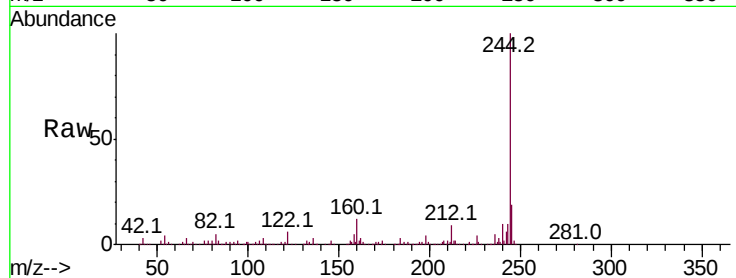




#79
 Terphenyl-d14
 Concen: 86.024 ng
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.01 min
 Lab File: BM022484.D
 Acq: 01 Sep 2019 19:26

Instrument :
 BNA_M
 ClientSampleId :
 TW-10

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.4
122	5.9	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: BM022484.D
 Acq: 01 Sep 2019 19:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.2	30.2
265	22.6	18.2	27.2

