

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090119\
 Data File : BM022486.D
 Acq On : 01 Sep 2019 20:39
 Operator : HP/JU
 Sample : K4555-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TW-4

Quant Time: Sep 02 04:35:43 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	10198	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	34775	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	24537	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	57589	20.00	ng	0.00
76) Chrysene-d12	21.16	240	88507	20.00	ng	0.00
87) Perylene-d12	23.34	264	112439	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	36342	62.55	ng	0.00
7) Phenol-d6	6.71	99	28335	36.47	ng	0.00
23) Nitrobenzene-d5	8.68	82	74984	94.45	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	62385	124.25	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	172824	79.79	ng	0.00
79) Terphenyl-d14	19.58	244	552569	82.39	ng	0.00

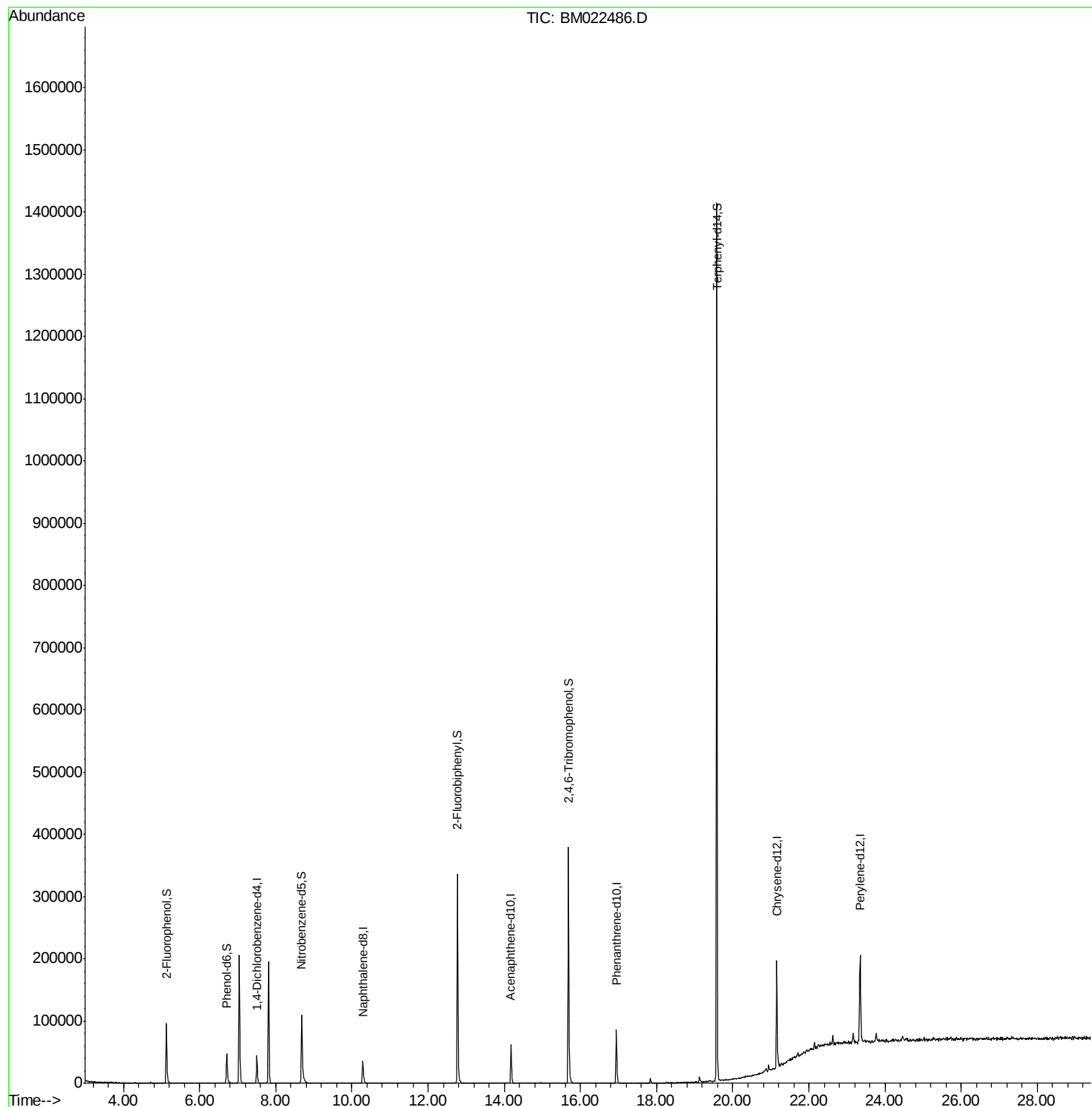
Target Compounds Qvalue

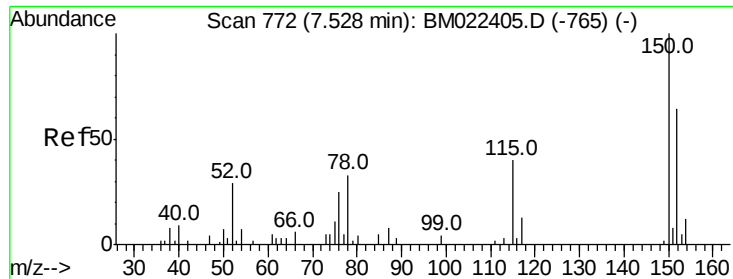
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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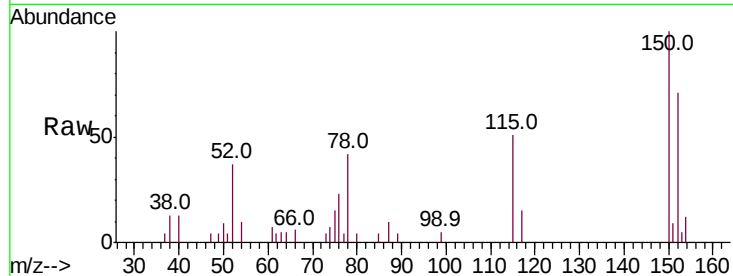


#1

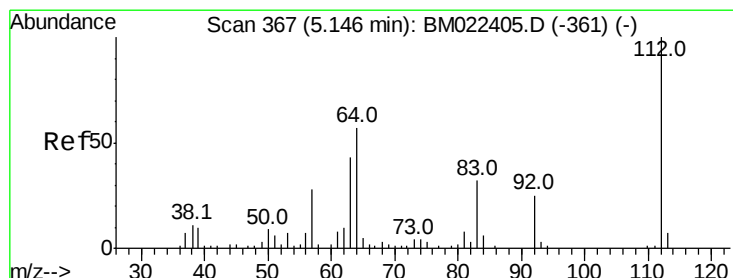
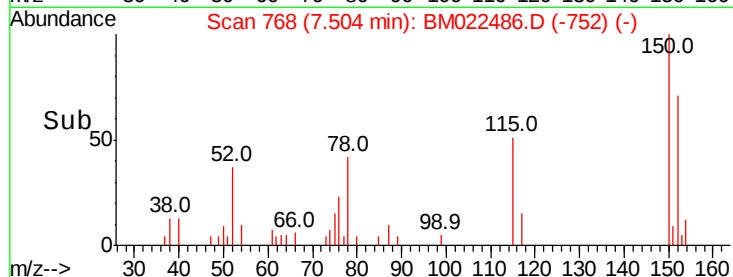
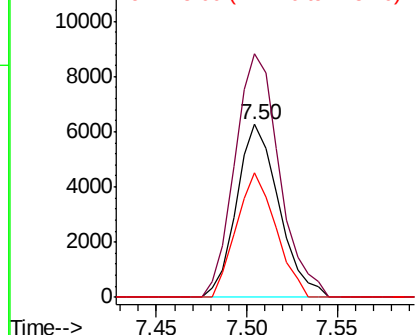
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM022486.D
Acq: 01 Sep 2019 20:39

Instrument :
BNA_M
ClientSampleId :
TW-4

Tot Ion:152 Resp: 10198
Ion Ratio Lower Upper
152 100
150 140.9 125.4 188.0
115 72.2 50.3 75.5



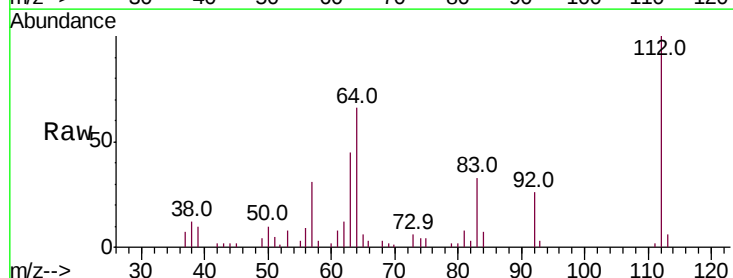
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



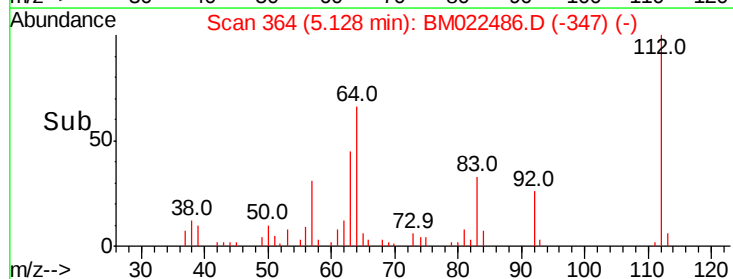
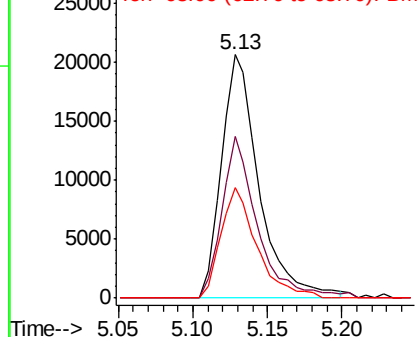
#5

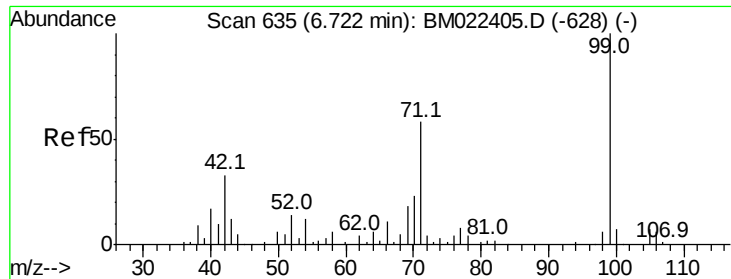
2-Fluorophenol
Concen: 62.554 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.00 min
Lab File: BM022486.D
Acq: 01 Sep 2019 20:39

Tgt Ion:112 Resp: 36342
Ion Ratio Lower Upper
112 100
64 66.5 45.4 68.2
63 45.4 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: 36.471 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.00 min

Lab File: BM022486.D

Acq: 01 Sep 2019 20:39

Instrument :

BNA_M

ClientSampled :

TW-4

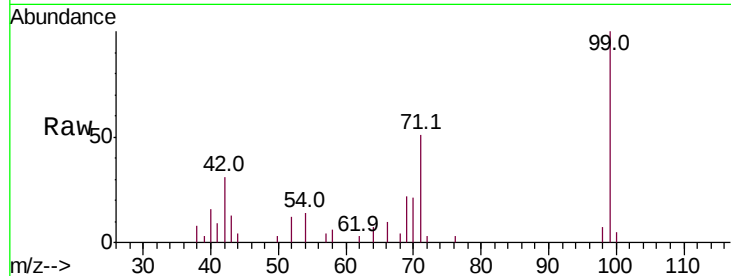
Tot Ion: 99 Resp: 28335

Ion Ratio Lower Upper

99 100

42 31.3 26.3 39.5

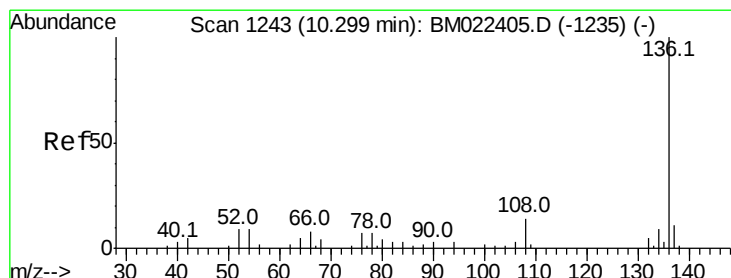
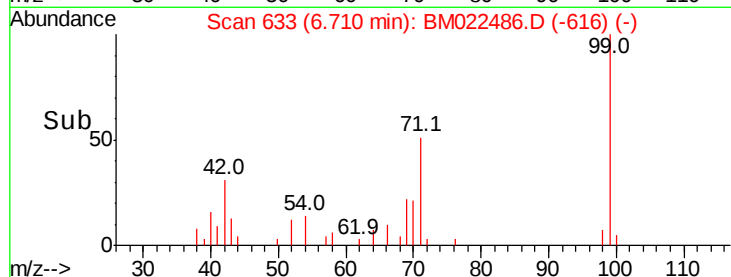
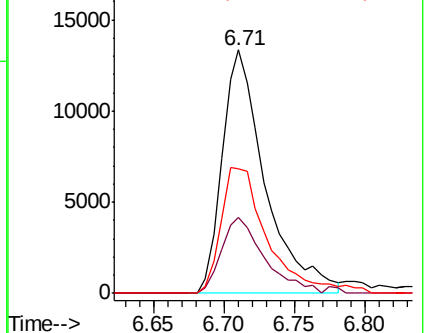
71 51.3 46.6 69.8



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: BM022486.D

Acq: 01 Sep 2019 20:39

Tgt Ion: 136 Resp: 34775

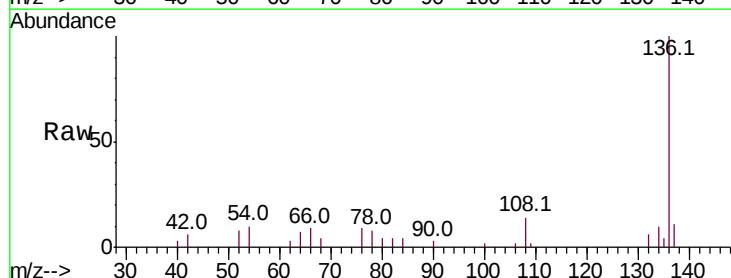
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 9.9 7.0 10.6

68 4.3 2.9 4.3

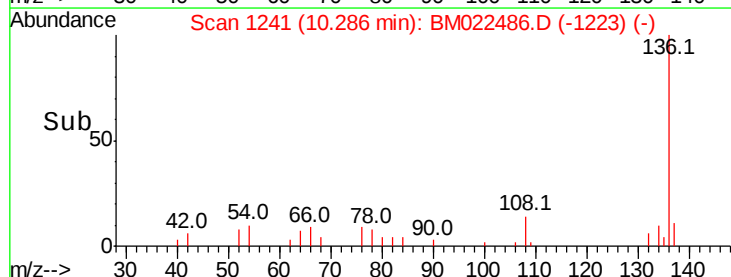
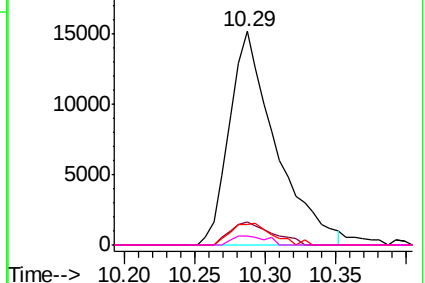


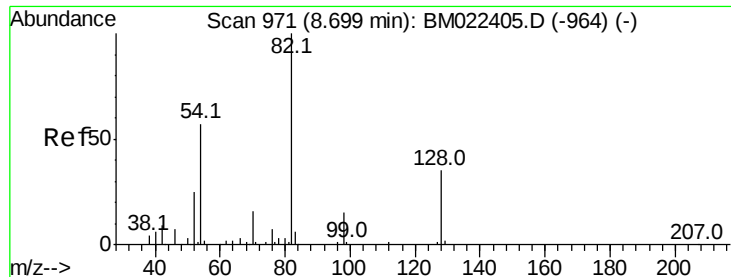
Abundance Ion 136.00 (135.70 to 136.70): BM022405.D (-1235) (-)

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) (-)

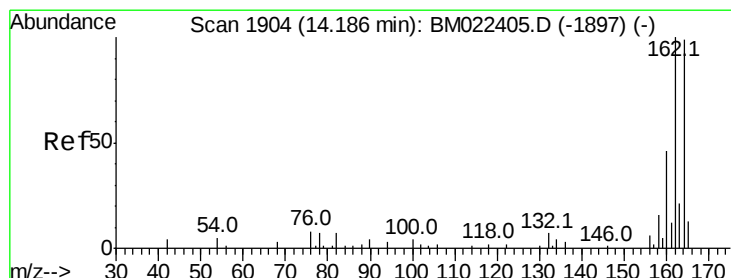
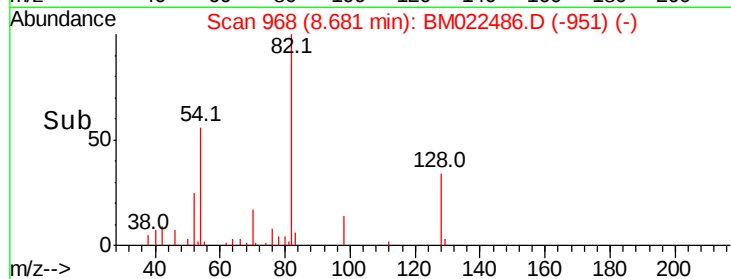
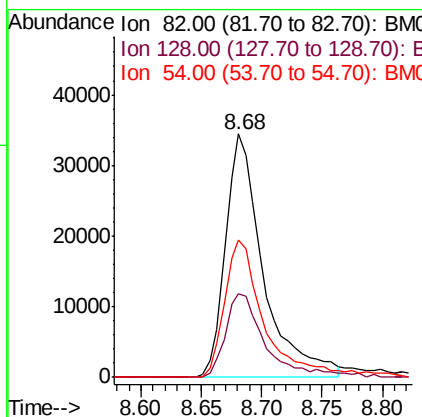
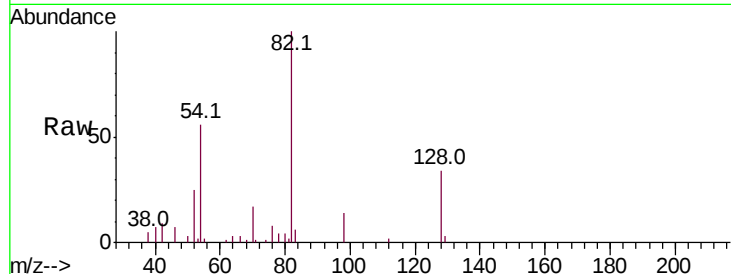




#23
Nitrobenzene-d5
Concen: 94.445 ng
RT: 8.68 min Scan# 968
Delta R.T. -0.00 min
Lab File: BM022486.D
Acq: 01 Sep 2019 20:39

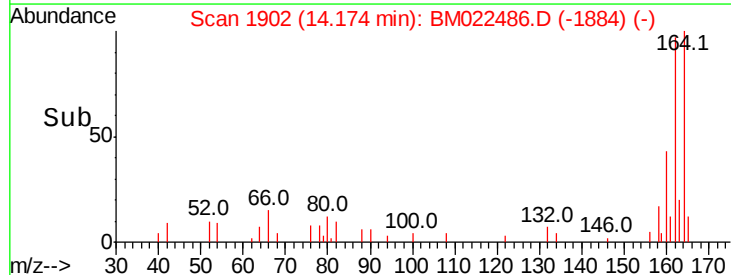
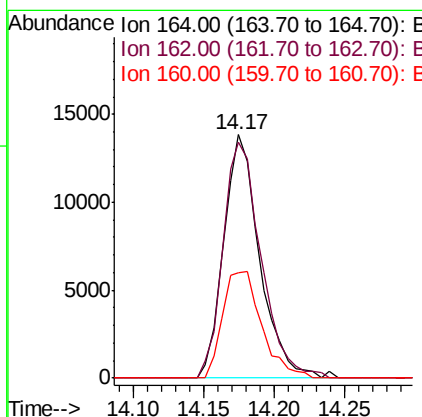
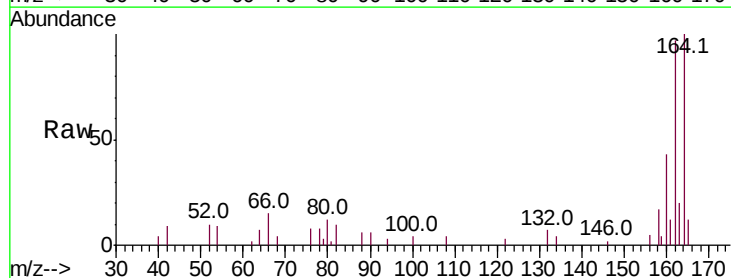
Instrument :
BNA_M
ClientSampleId :
TW-4

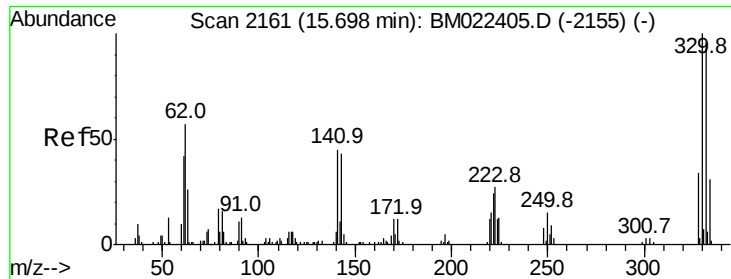
Tot Ion: 82 Resp: 74984
Ion Ratio Lower Upper
82 100
128 34.1 27.9 41.9
54 56.4 45.2 67.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.17 min Scan# 1902
Delta R.T. 0.01 min
Lab File: BM022486.D
Acq: 01 Sep 2019 20:39

Tgt Ion: 164 Resp: 24537
Ion Ratio Lower Upper
164 100
162 96.8 80.6 121.0
160 43.5 37.3 55.9

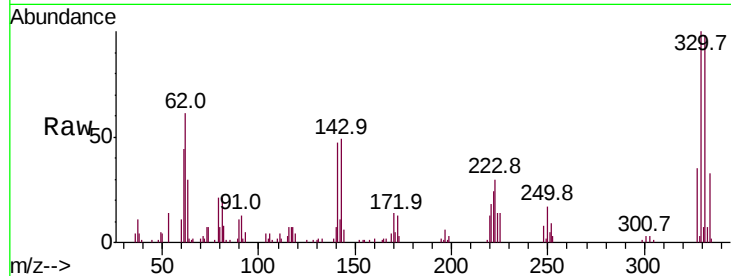




#42
 2,4,6-Tribromophenol
 Concen: 124.249 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BM022486.D
 Acq: 01 Sep 2019 20:39

Instrument :
 BNA_M
 ClientSampled :
 TW-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.8	116.8
141	51.1	35.6	53.4

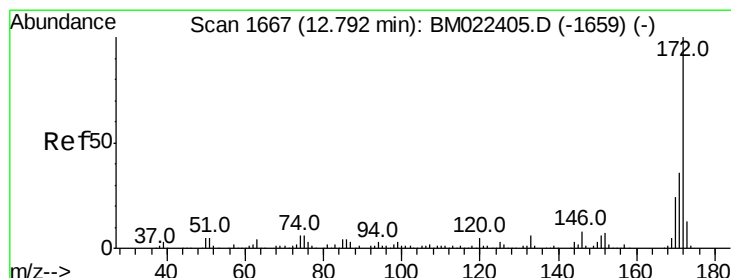
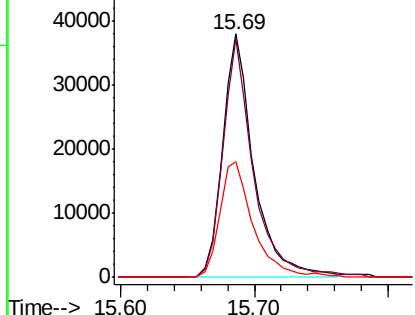
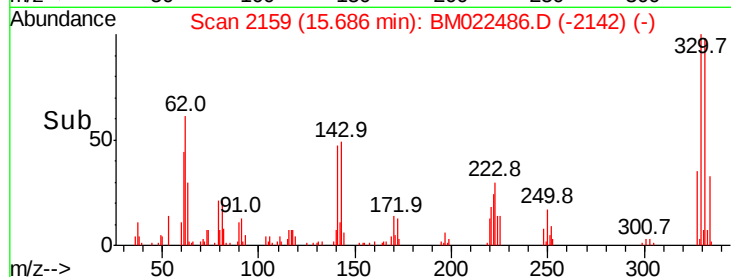


Abundance

Ion 329.80 (329.50 to 330.50): E

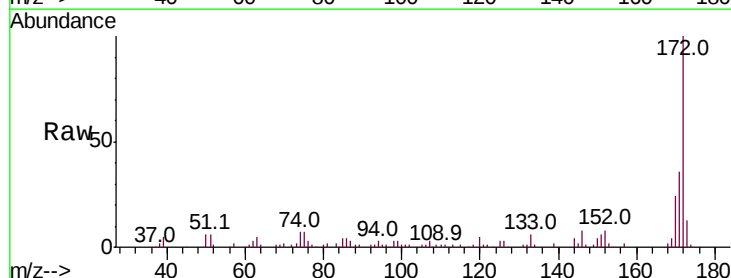
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 79.791 ng
 RT: 12.77 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: BM022486.D
 Acq: 01 Sep 2019 20:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	24.0	18.9	28.3

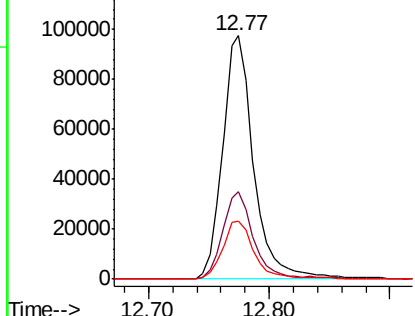
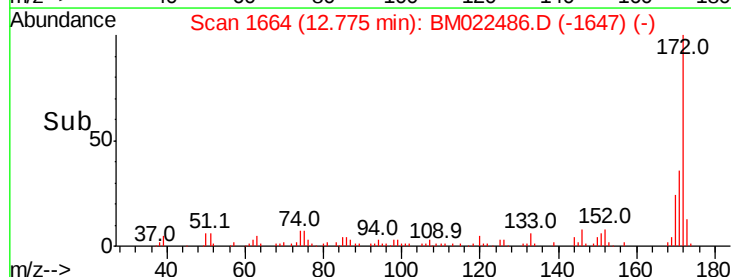


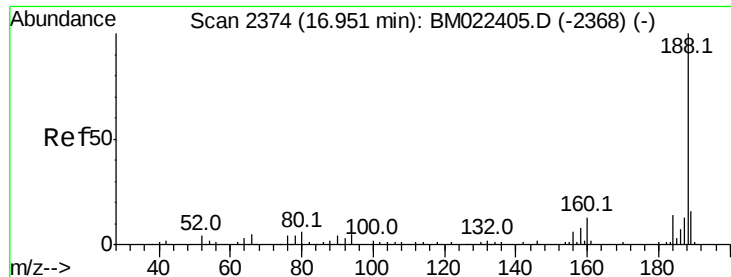
Abundance

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: BM022486.D

Acq: 01 Sep 2019 20:39

Instrument :

BNA_M

ClientSampleId :

TW-4

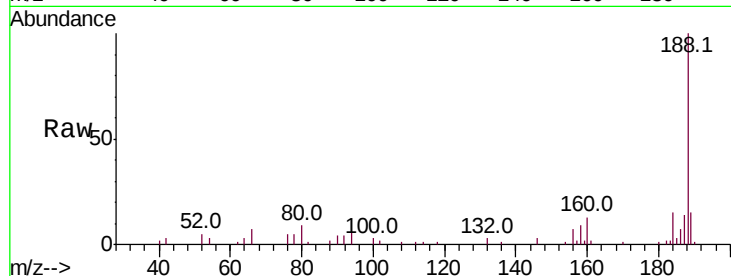
Tot Ion:188 Resp: 57589

Ion Ratio Lower Upper

188 100

94 6.3 4.4 6.6

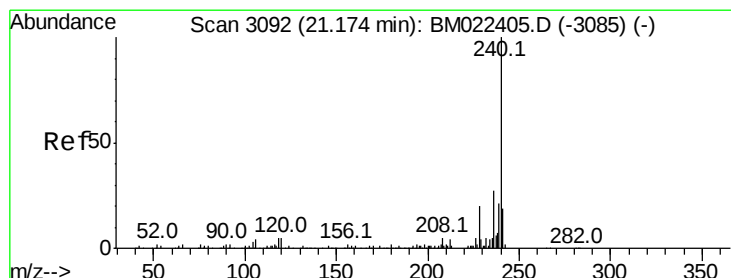
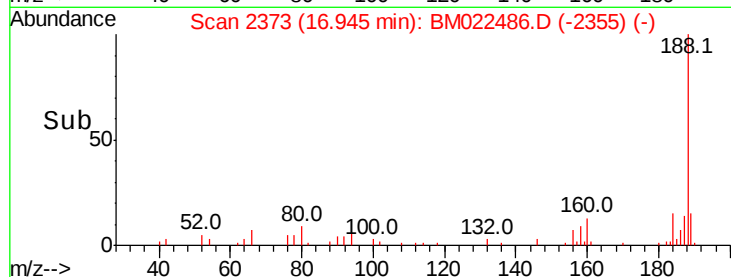
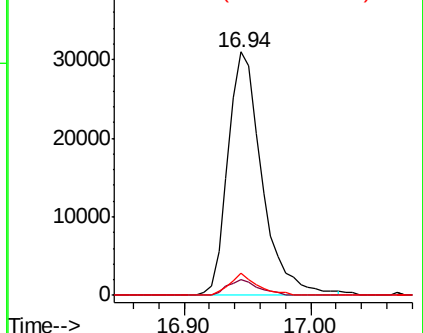
80 9.0 5.0 7.6#



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: BM022486.D

Acq: 01 Sep 2019 20:39

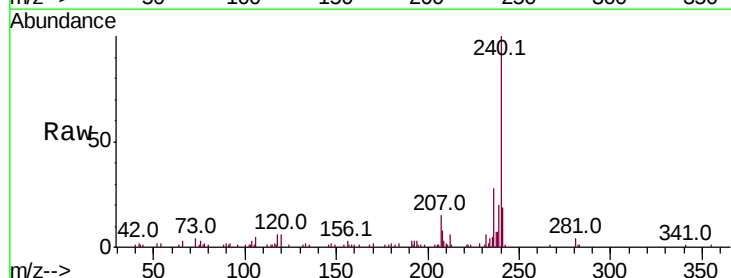
Tgt Ion:240 Resp: 88507

Ion Ratio Lower Upper

240 100

120 5.8 3.9 5.9

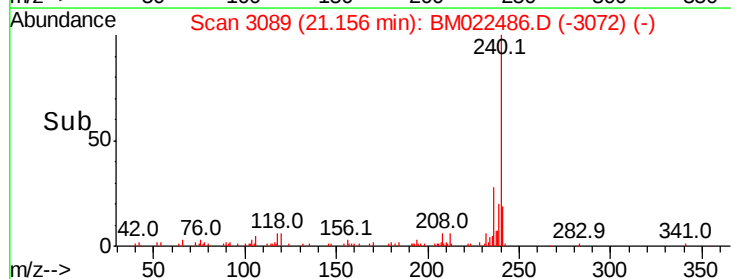
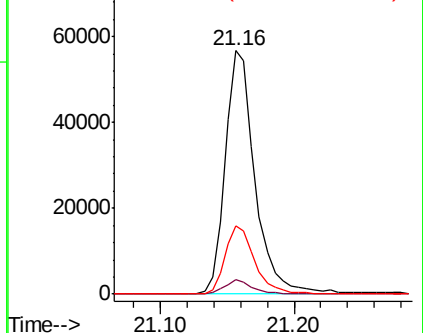
236 27.9 21.4 32.2

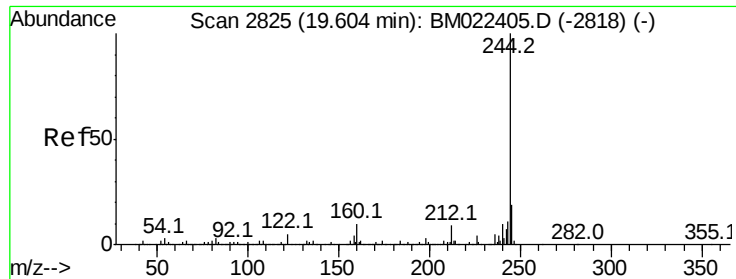


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

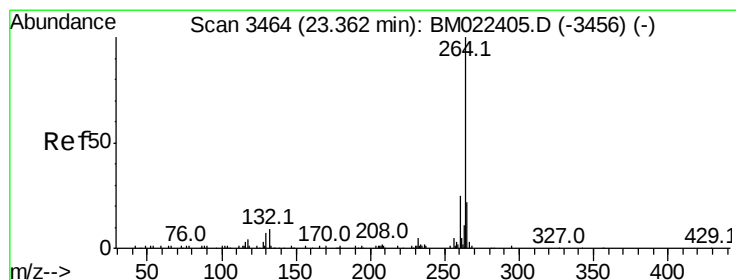
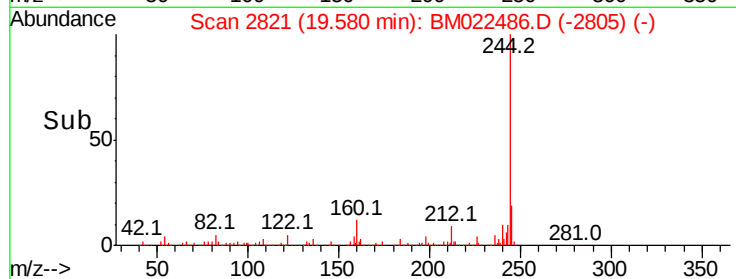
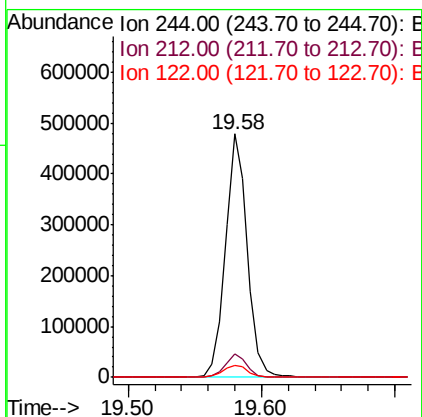
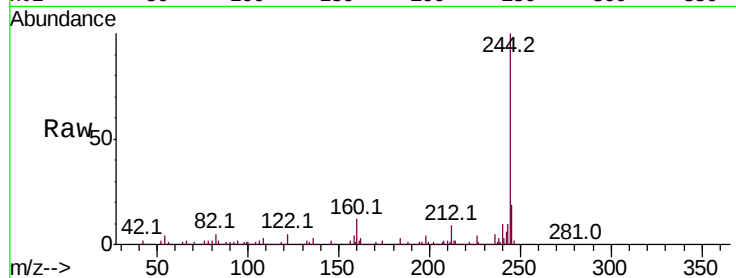




#79
 Terphenyl-d14
 Concen: 82.395 ng
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.01 min
 Lab File: BM022486.D
 Acq: 01 Sep 2019 20:39

Instrument :
 BNA_M
 ClientSampleId :
 TW-4

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.0	10.4
122	5.1	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: BM022486.D
 Acq: 01 Sep 2019 20:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.2	30.2
265	23.5	18.2	27.2

