

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
 Data File : BM022439.D
 Acq On : 30 Aug 2019 13:21
 Operator : HP/JU
 Sample : PB122653BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB122653BL

Quant Time: Aug 30 15:41:53 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	19787	20.00	ng	0.00
21) Naphthalene-d8	10.30	136	71287	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	48789	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	120560	20.00	ng	0.00
76) Chrysene-d12	21.17	240	160603	20.00	ng	0.00
87) Perylene-d12	23.36	264	176856	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	162356	144.03	ng	0.00
7) Phenol-d6	6.72	99	208632	138.40	ng	0.00
23) Nitrobenzene-d5	8.70	82	147019	90.33	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	136443	136.67	ng	0.00
45) 2-Fluorobiphenyl	12.79	172	370328	85.99	ng	0.00
79) Terphenyl-d14	19.60	244	1120363	92.07	ng	0.00

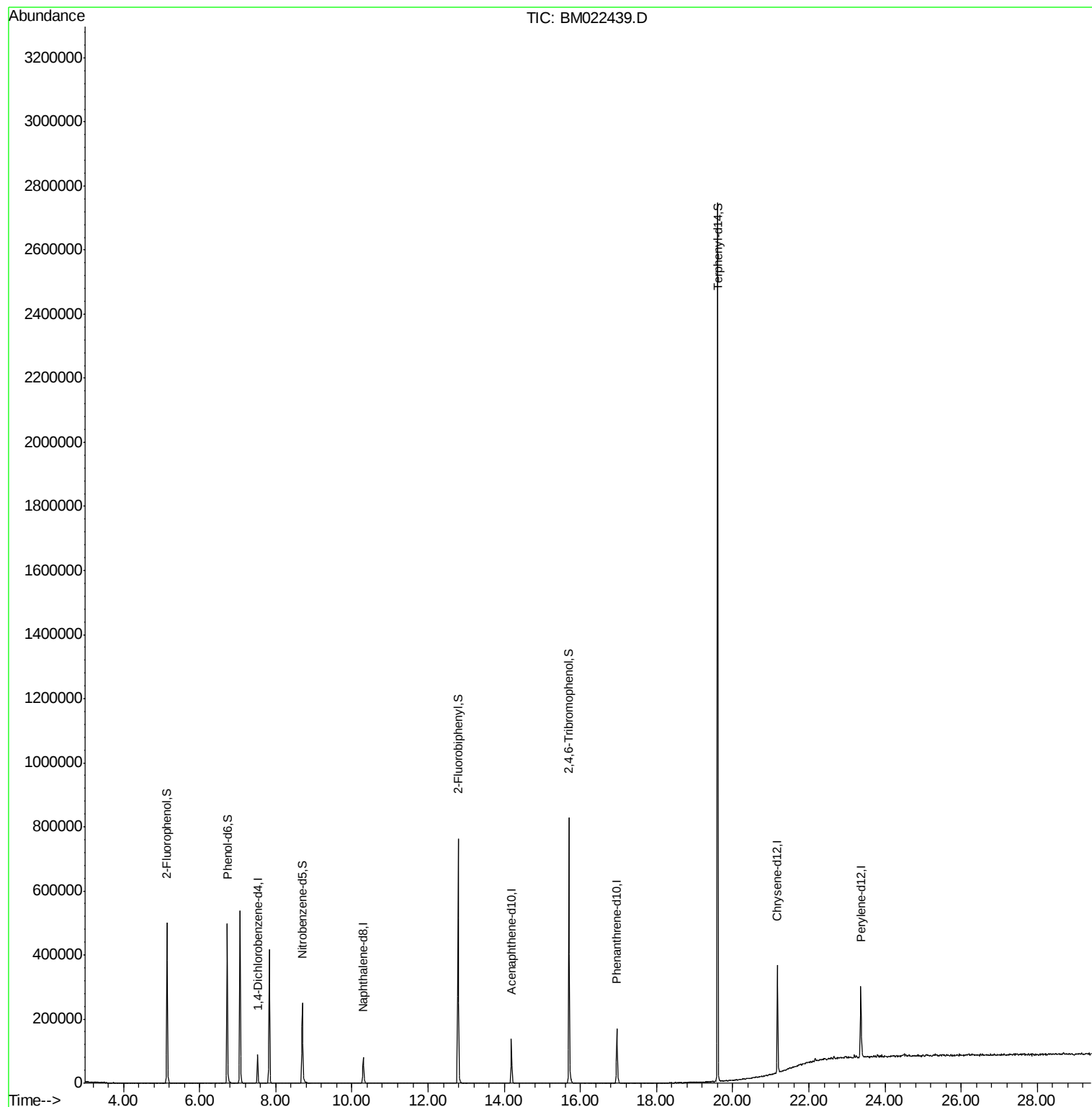
Target Compounds Qvalue

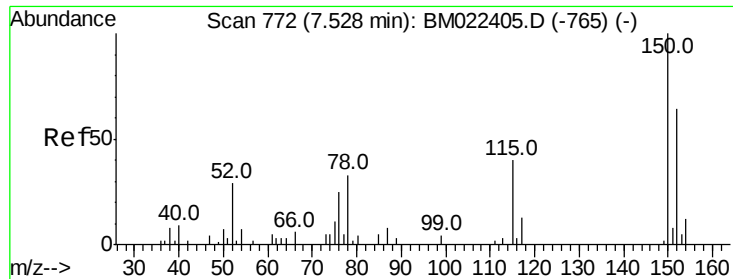
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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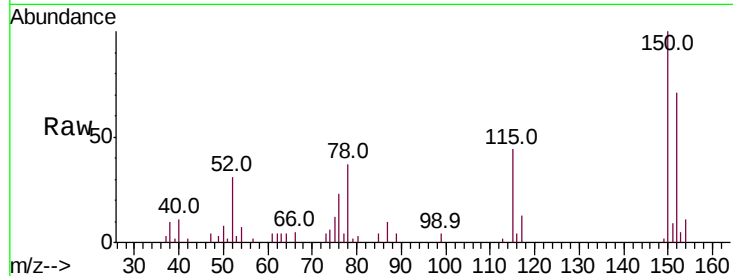


#1

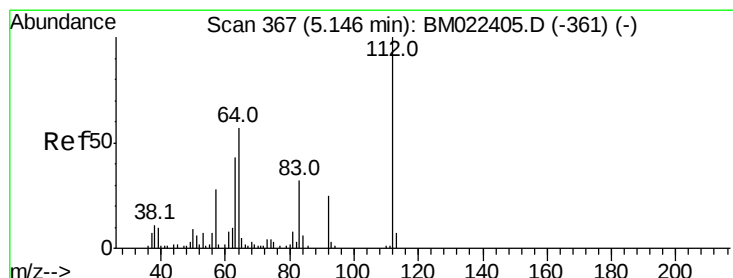
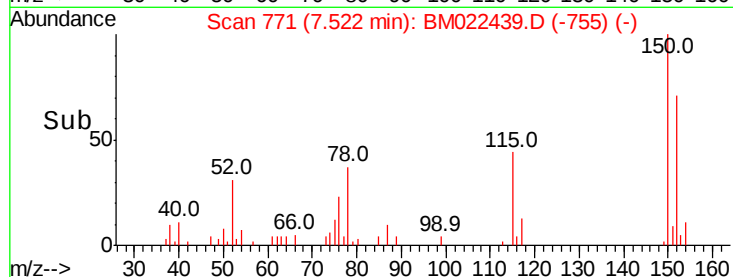
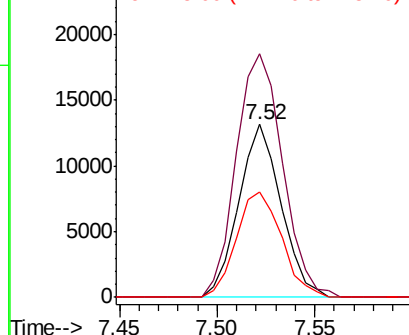
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 771
Delta R.T. -0.01 min
Lab File: BM022439.D
Acq: 30 Aug 2019 13:21

Instrument :
BNA_M
ClientSampleId :
PB122653BL

Tot Ion:152 Resp: 19787
Ion Ratio Lower Upper
152 100
150 140.9 125.4 188.0
115 61.3 50.3 75.5



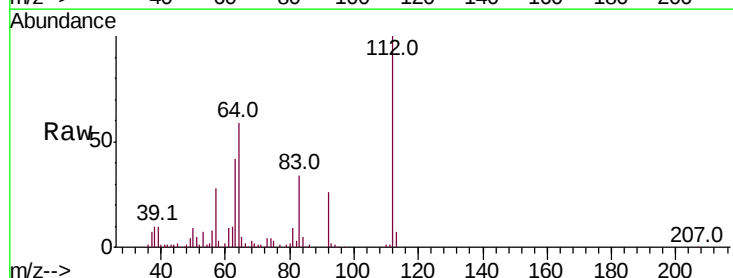
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



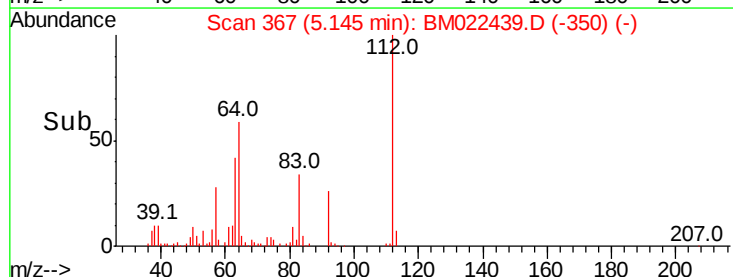
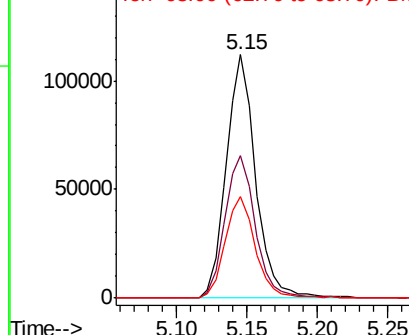
#5

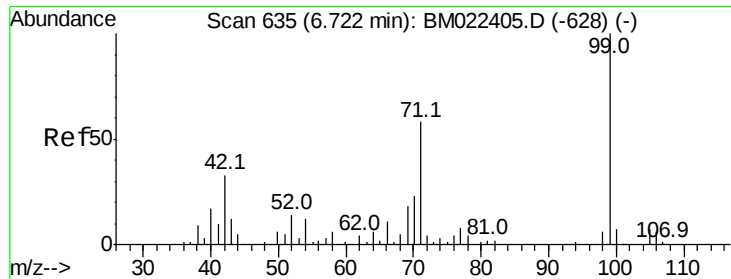
2-Fluorophenol
Concen: 144.028 ng
RT: 5.15 min Scan# 367
Delta R.T. -0.00 min
Lab File: BM022439.D
Acq: 30 Aug 2019 13:21

Tgt Ion:112 Resp: 162356
Ion Ratio Lower Upper
112 100
64 58.6 45.4 68.2
63 41.5 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





#7

Phenol-d6

Concen: 138.402 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.00 min

Lab File: BM022439.D

Acq: 30 Aug 2019 13:21

Instrument :

BNA_M

ClientSampleId :

PB122653BL

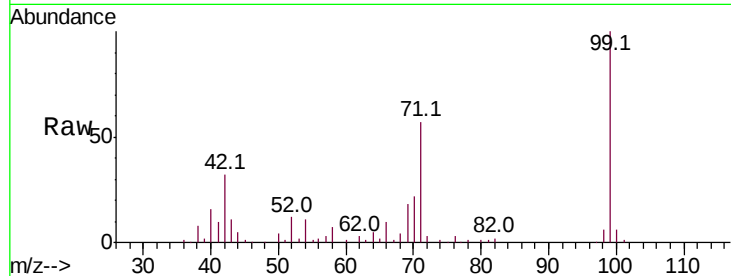
Tot Ion: 99 Resp: 208632

Ion Ratio Lower Upper

99 100

42 31.7 26.3 39.5

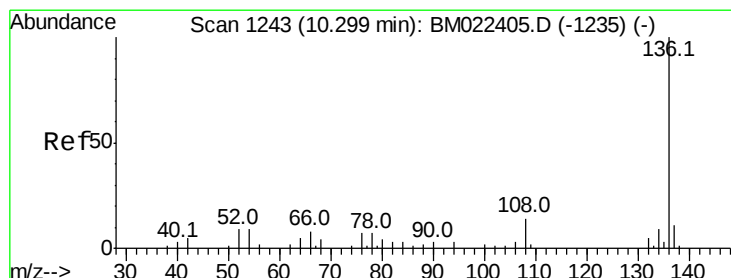
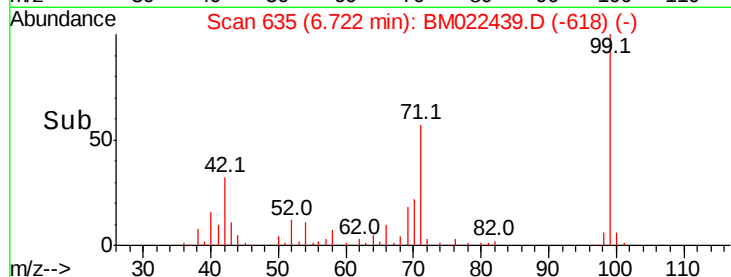
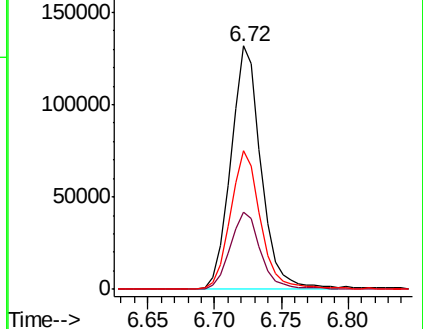
71 56.9 46.6 69.8



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: 10.30 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BM022439.D

Acq: 30 Aug 2019 13:21

Tgt Ion: 136 Resp: 71287

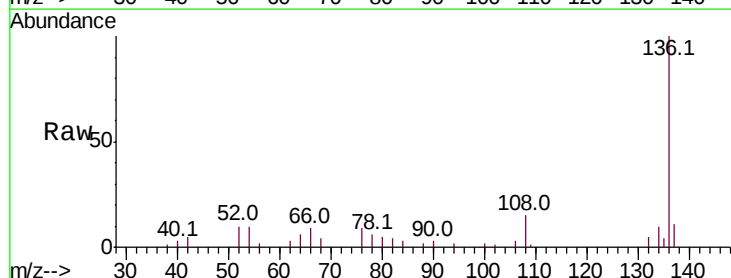
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 10.1 7.0 10.6

68 3.6 2.9 4.3

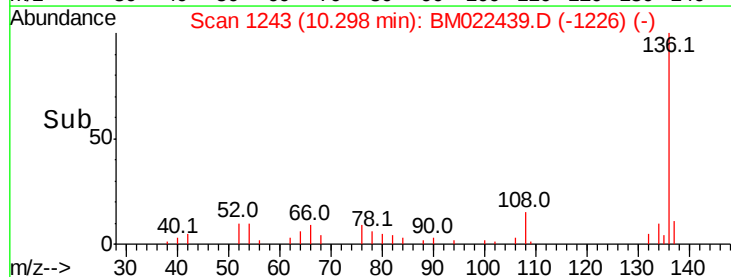
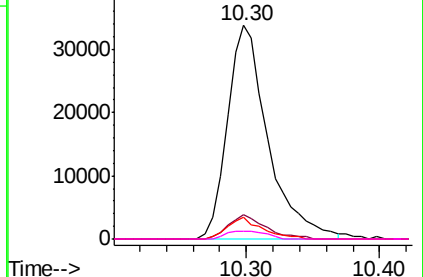


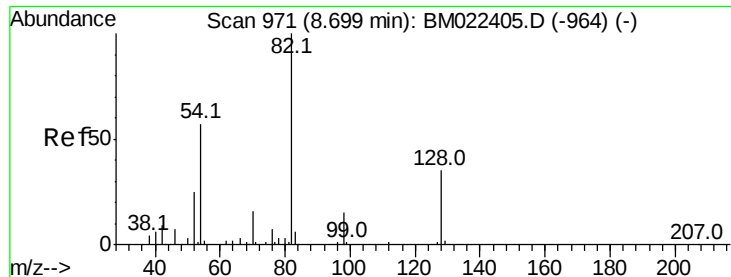
Abundance Ion 136.00 (135.70 to 136.70): BM022405.D (-1235) (-)

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) (-)

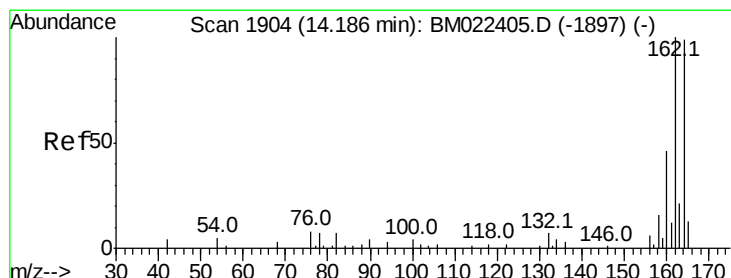
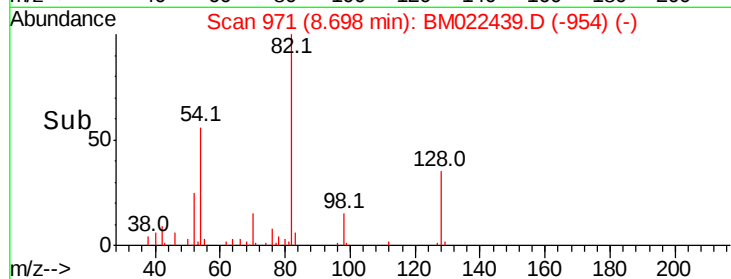
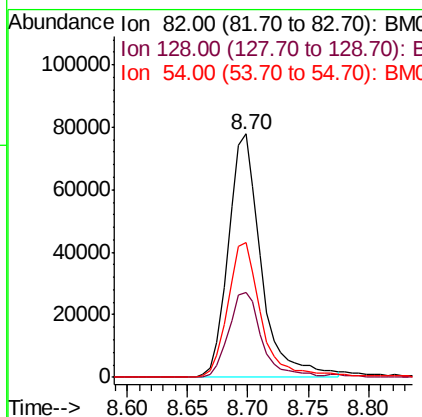
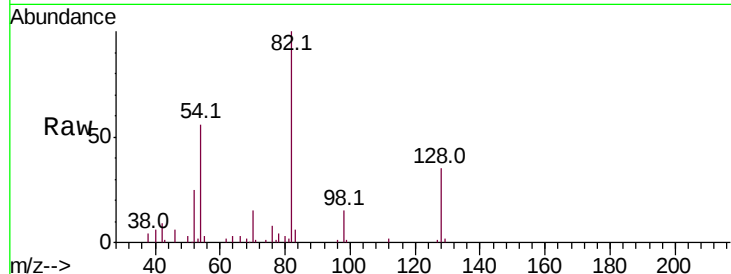




#23
 Nitrobenzene-d5
 Concen: 90.332 ng
 RT: 8.70 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BM022439.D
 Acq: 30 Aug 2019 13:21

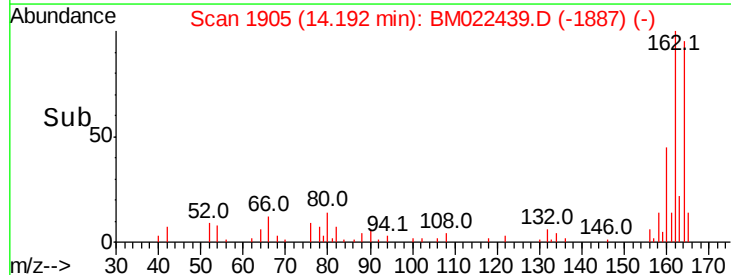
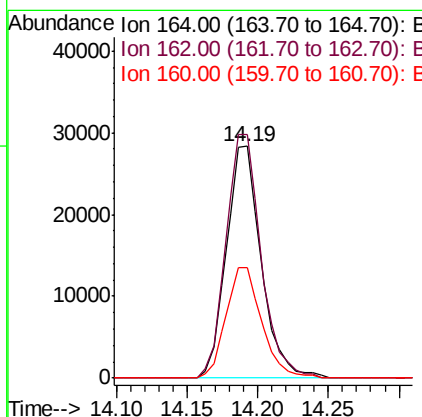
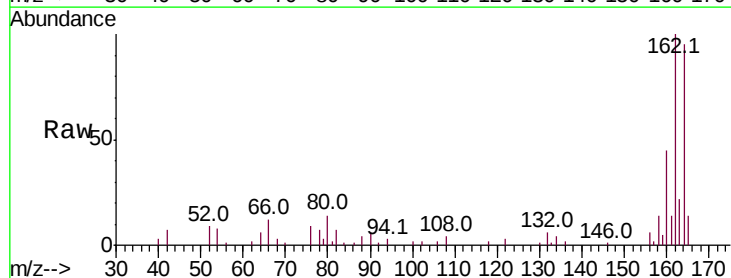
Instrument :
 BNA_M
 ClientSampled :
 PB122653BL

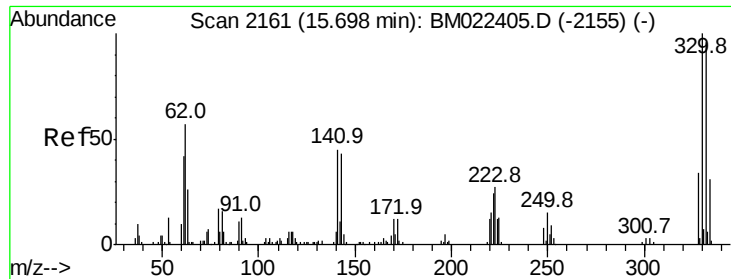
Tot Ion	82	Resp	147019
Ion Ratio	Lower	Upper	
82	100		
128	34.9	27.9	41.9
54	55.6	45.2	67.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.19 min Scan# 1905
 Delta R.T. 0.01 min
 Lab File: BM022439.D
 Acq: 30 Aug 2019 13:21

Tgt Ion	164	Resp	48789
Ion Ratio	Lower	Upper	
164	100		
162	105.0	80.6	121.0
160	47.7	37.3	55.9

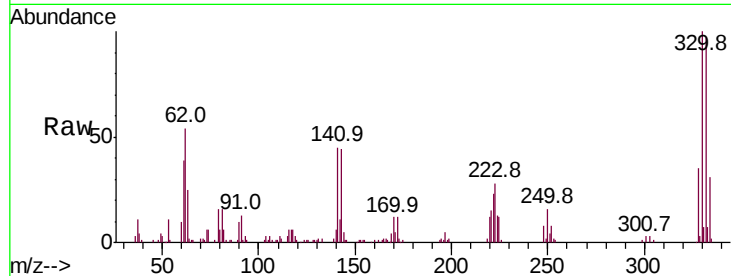




#42
 2,4,6-Tribromophenol
 Concen: 136.667 ng
 RT: 15.70 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BM022439.D
 Acq: 30 Aug 2019 13:21

Instrument :
 BNA_M
 ClientSampleId :
 PB122653BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.8	116.8
141	45.2	35.6	53.4

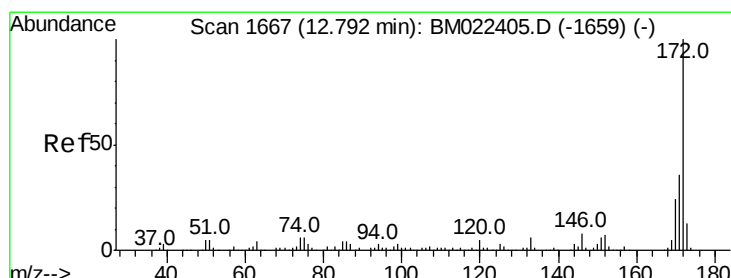
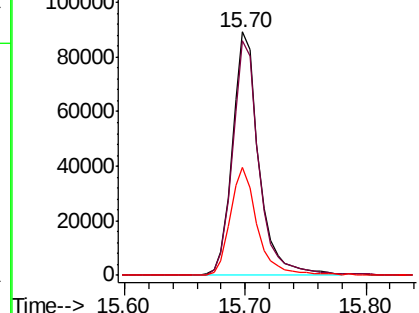
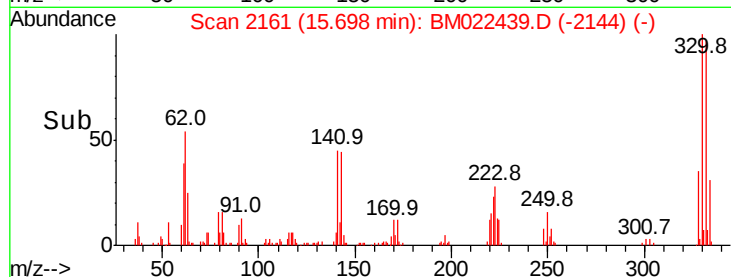


Abundance

Ion 329.80 (329.50 to 330.50): E

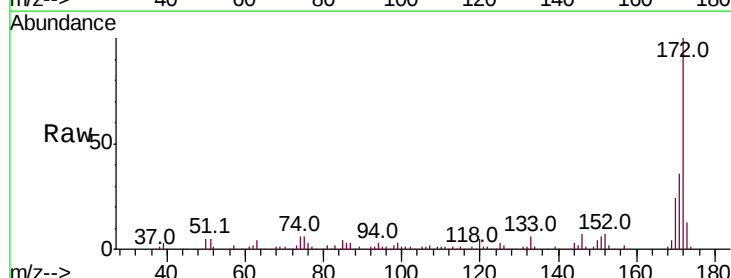
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.988 ng
 RT: 12.79 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BM022439.D
 Acq: 30 Aug 2019 13:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.7	18.9	28.3

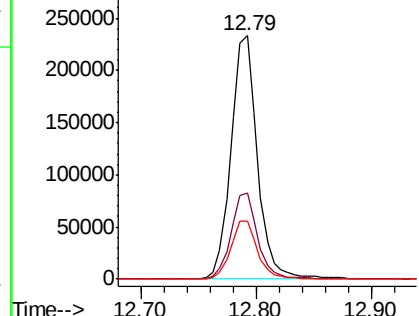
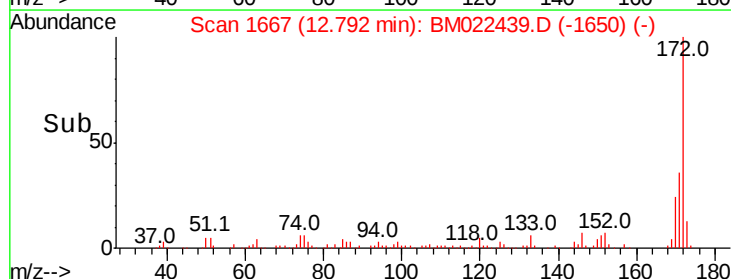


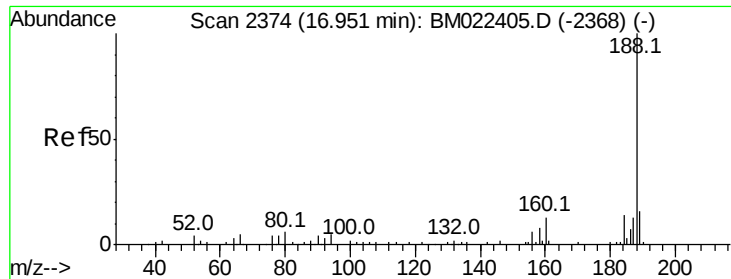
Abundance

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

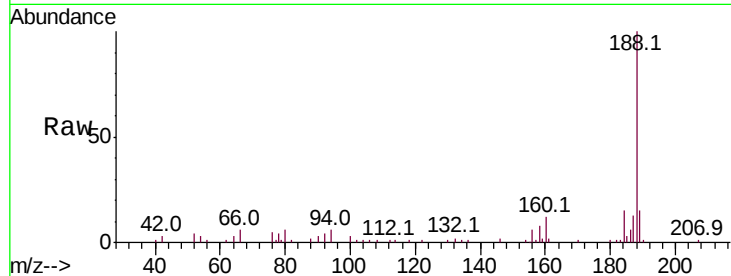




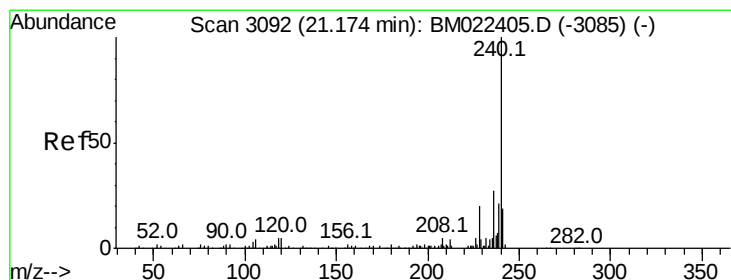
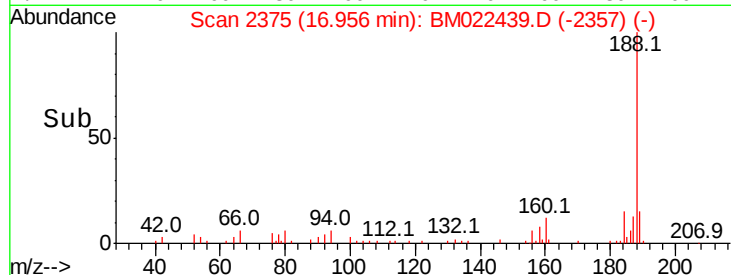
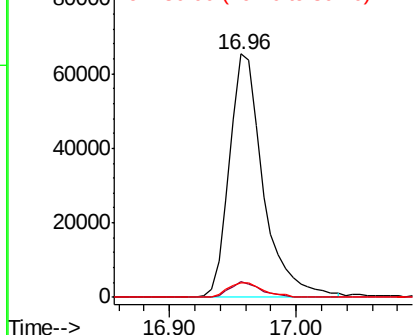
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2375
Delta R.T. 0.01 min
Lab File: BM022439.D
Acq: 30 Aug 2019 13:21

Instrument :
BNA_M
ClientSampleId :
PB122653BL

Tot Ion:188 Resp: 120560
Ion Ratio Lower Upper
188 100
94 6.3 4.4 6.6
80 6.2 5.0 7.6

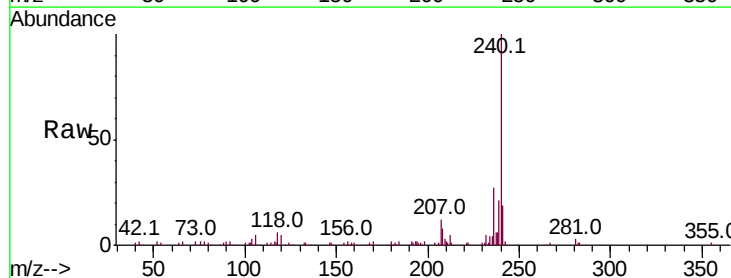


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

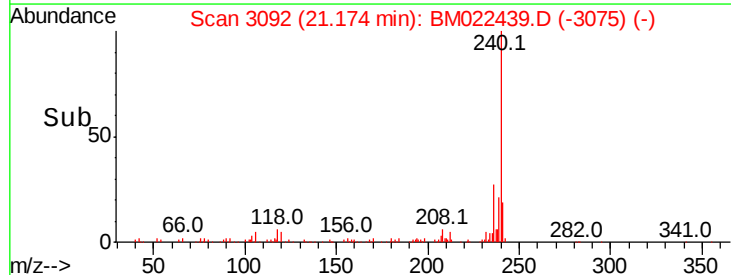
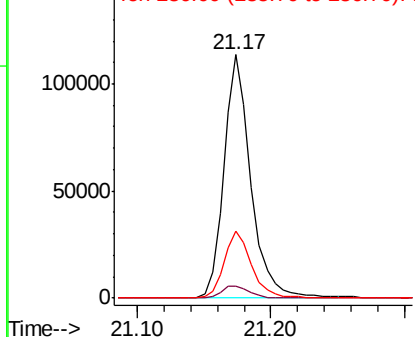


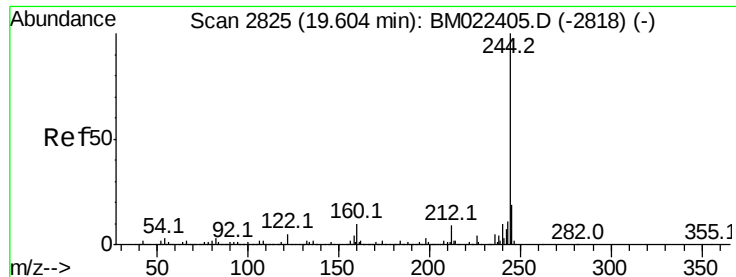
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.00 min
Lab File: BM022439.D
Acq: 30 Aug 2019 13:21

Tgt Ion:240 Resp: 160603
Ion Ratio Lower Upper
240 100
120 4.8 3.9 5.9
236 27.4 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: 92.065 ng

RT: 19.60 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BM022439.D

Acq: 30 Aug 2019 13:21

Instrument :

BNA_M

ClientSampleId :

PB122653BL

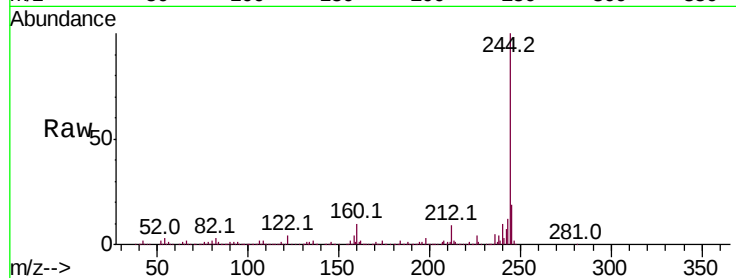
Tot Ion:244 Resp: 1120363

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.4
122	4.3	3.9	5.9

244 100

212 8.5 7.0 10.4

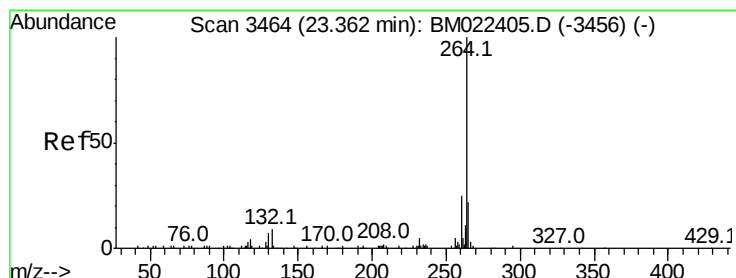
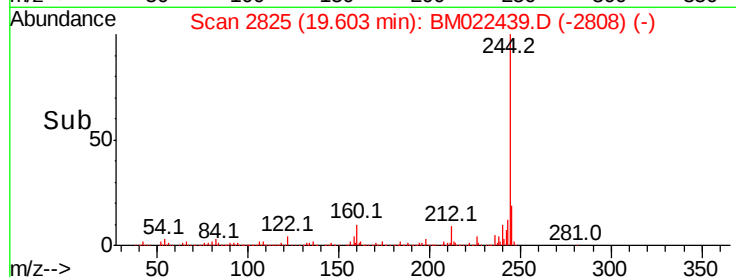
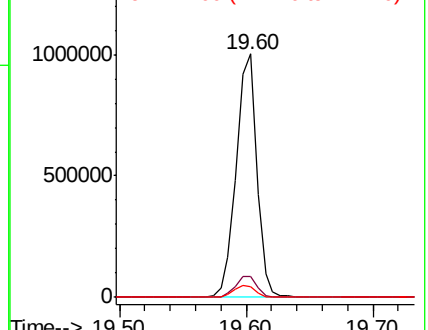
122 4.3 3.9 5.9



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# 3464

Delta R.T. -0.00 min

Lab File: BM022439.D

Acq: 30 Aug 2019 13:21

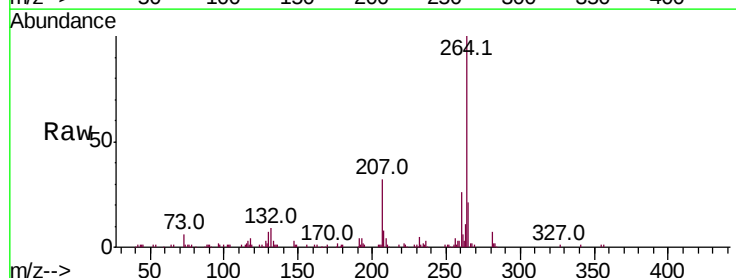
Tgt Ion:264 Resp: 176856

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.2	30.2
265	21.4	18.2	27.2

264 100

260 26.1 20.2 30.2

265 21.4 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

