

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 :

Quant Time: Sep 02 03:48:55 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 03:43:48 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	-0.02
21) Naphthalene-d8	10.29	136	33994	20.00	ng	-0.01
39) Acenaphthene-d10	14.17	164	24537	20.00	ng	-0.01
64) Phenanthrene-d10	16.94	188	57217	20.00	ng	0.00
76) Chrysene-d12	21.16	240	88836	20.00	ng	-0.02
87) Perylene-d12	23.34	264	112439	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	36518	62.86	ng	-0.02
7) Phenol-d6	6.71	99	28127	36.20	ng	-0.01
23) Nitrobenzene-d5	8.68	82	74984	96.61	ng	-0.02
42) 2,4,6-Tribromophenol	15.69	330	62385	124.25	ng	-0.01
45) 2-Fluorobiphenyl	12.77	172	172824	79.79	ng	-0.02
79) Terphenyl-d14	19.58	244	552569	82.09	ng	-0.02

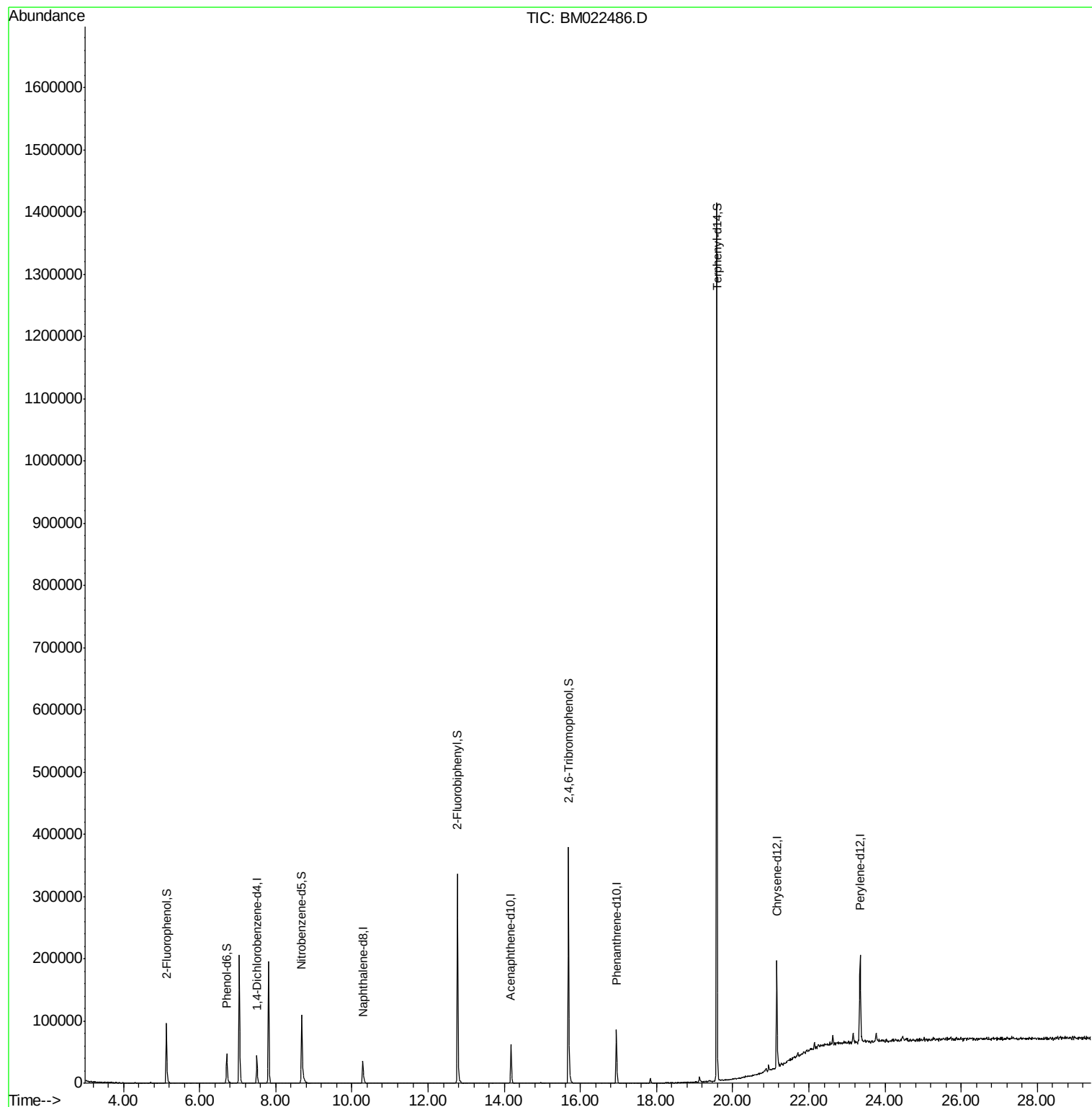
Target Compounds Qvalue

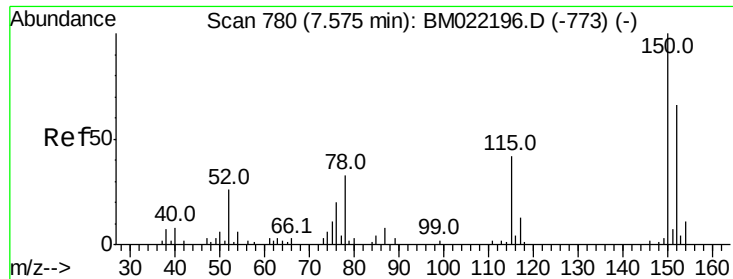
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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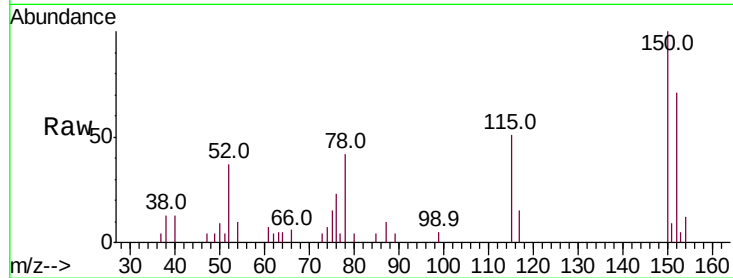


#1

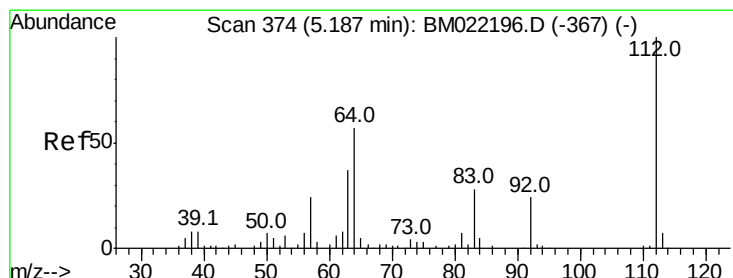
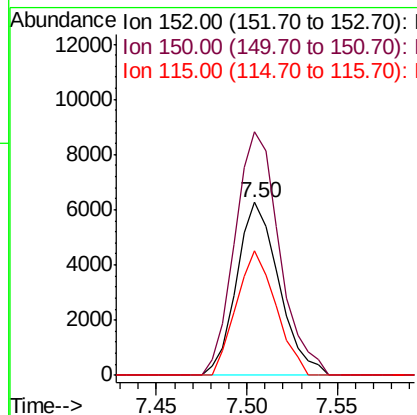
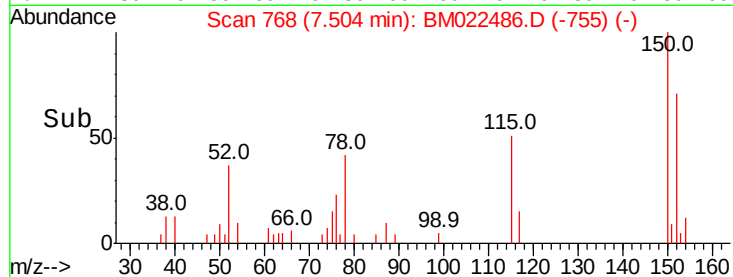
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.02 min
Lab File: BM022486.D
Acq: 01 Sep 2019 20:39

Instrument :
BNA_M
ClientSampled :

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



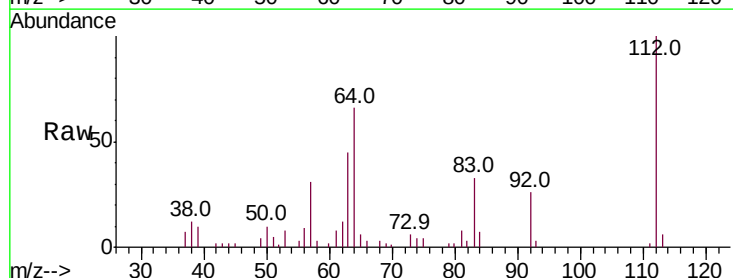
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



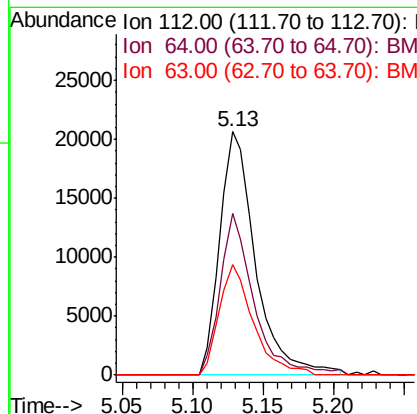
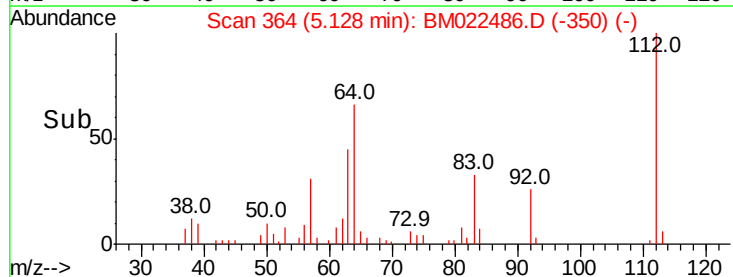
#5

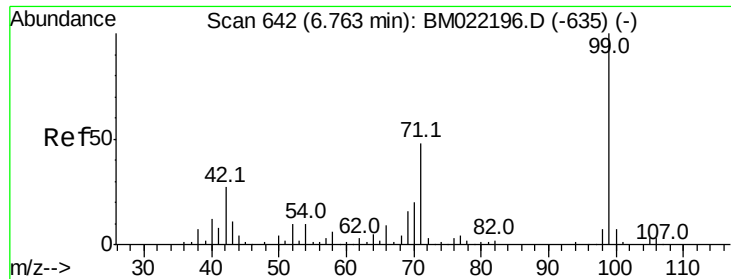
2-Fluorophenol
Concen: 62.857 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.02 min
Lab File: BM022486.D
Acq: 01 Sep 2019 20:39

Tgt Ion:112 Resp: 36518
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: 36.203 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.01 min

Lab File: BM022486.D

Acq: 01 Sep 2019 20:39

Instrument :

BNA_M

ClientSampleId :

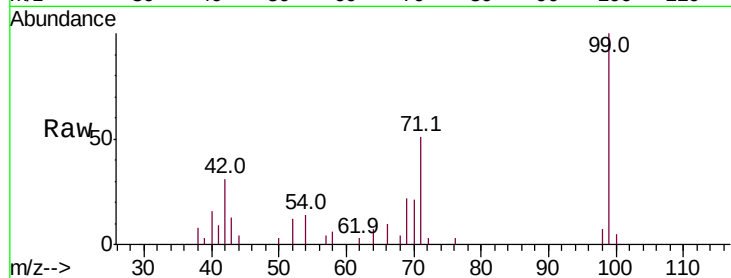
Tot Ion: 99 Resp: 28127

Ion Ratio Lower Upper

99 100

42 31.3 26.3 39.5

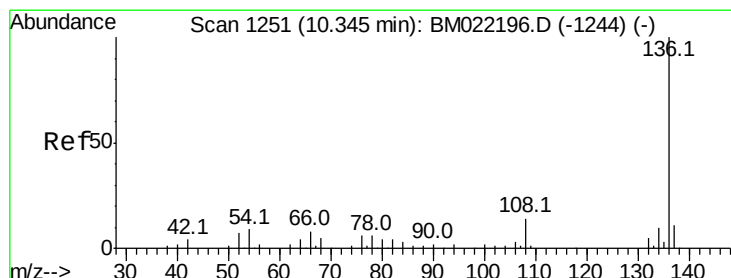
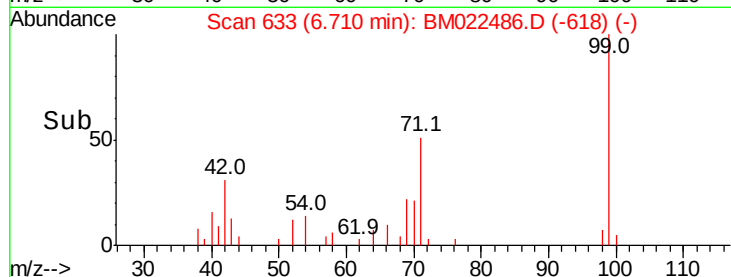
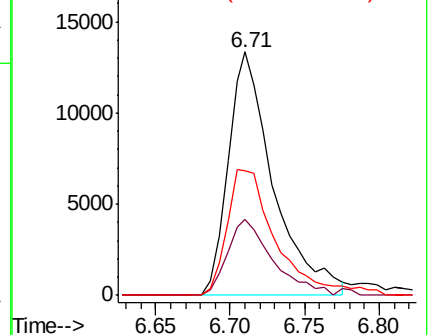
71 51.3 46.6 69.8



Abundance Ion 99.00 (98.70 to 99.70): BM022486.D (-635) (-)

Ion 42.00 (41.70 to 42.70): BM022486.D (-635) (-)

Ion 71.00 (70.70 to 71.70): BM022486.D (-635) (-)



#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: 33994

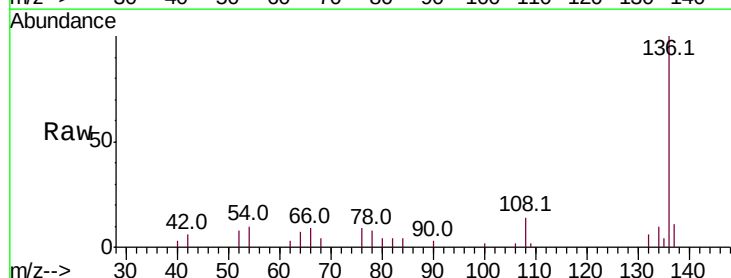
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 9.9 7.0 10.6

68 4.3 2.9 4.3

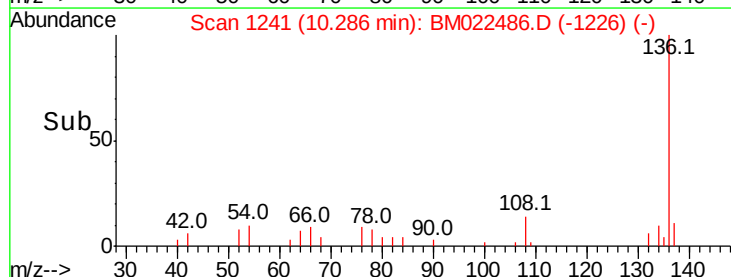
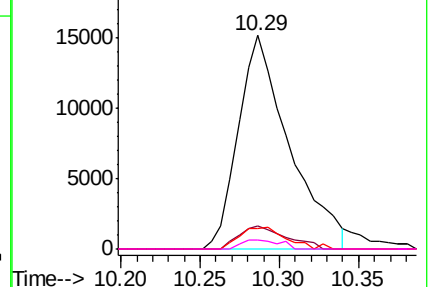


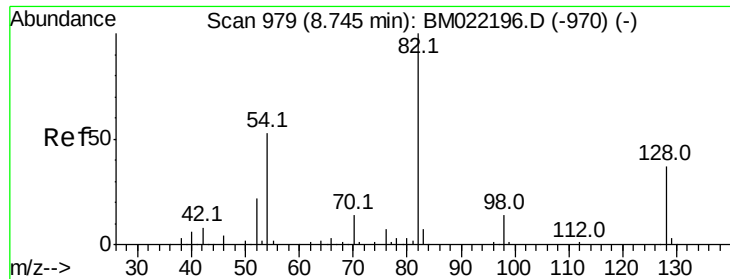
Abundance Ion 136.00 (135.70 to 136.70): BM022486.D (-1226) (-)

Ion 137.00 (136.70 to 137.70): BM022486.D (-1226) (-)

Ion 54.00 (53.70 to 54.70): BM022486.D (-1226) (-)

Ion 68.00 (67.70 to 68.70): BM022486.D (-1226) (-)

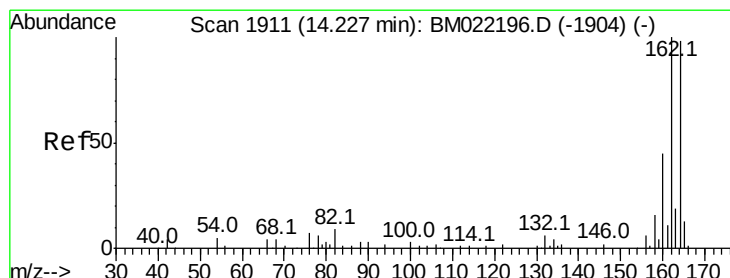
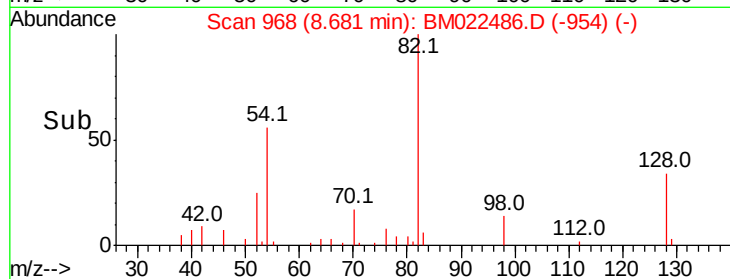
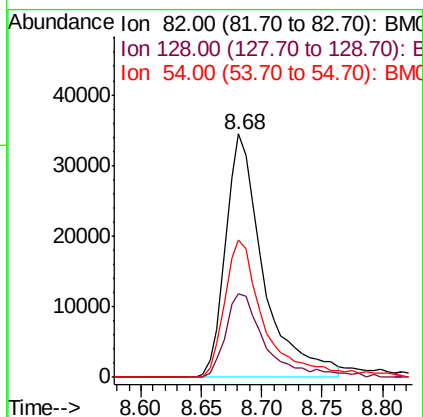
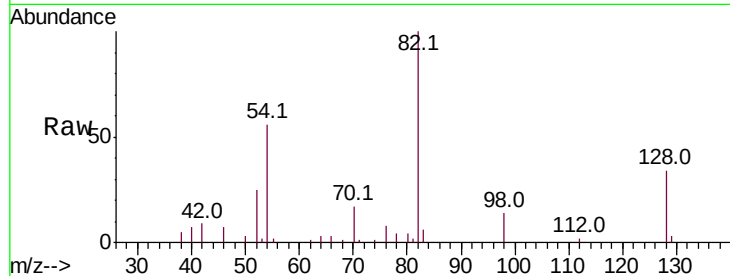




#23
 Nitrobenzene-d5
 Concen: 96.615 ng
 RT: 8.68 min Scan# 968
 Delta R.T. -0.02 min
 Lab File: BM022486.D
 Acq: 01 Sep 2019 20:39

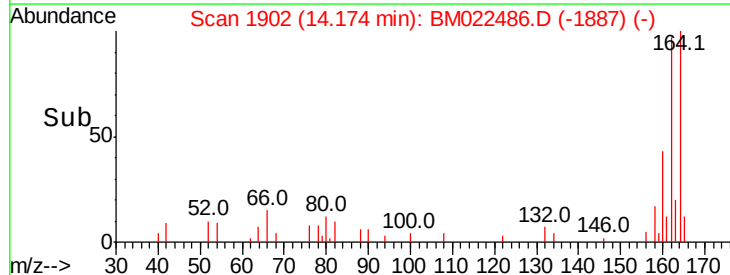
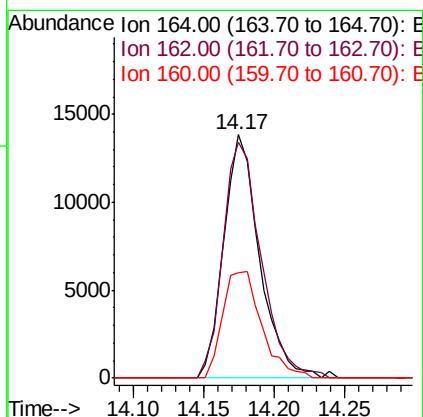
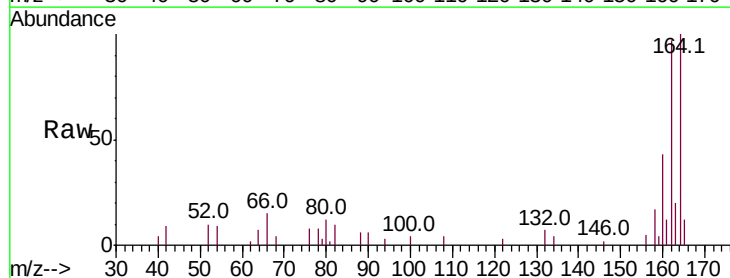
Instrument :
 BNA_M
 ClientSampled :

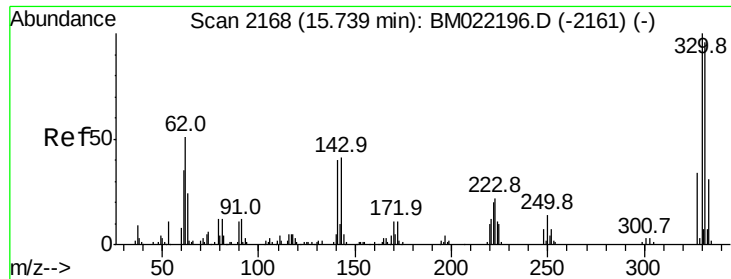
Tot Ion	82	Resp	74984
Ion Ratio	Lower	Upper	
82	100		
128	34.1	27.9	41.9
54	56.4	45.2	67.8



#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

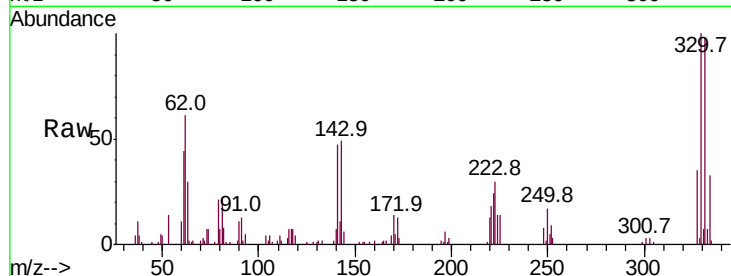




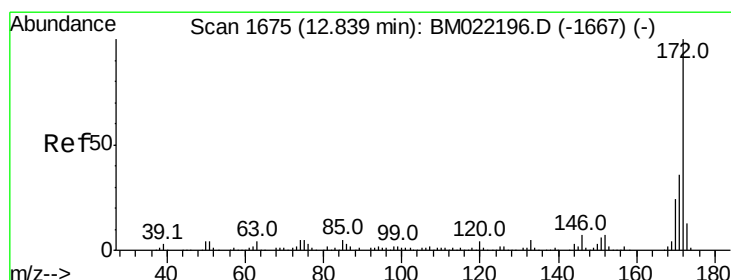
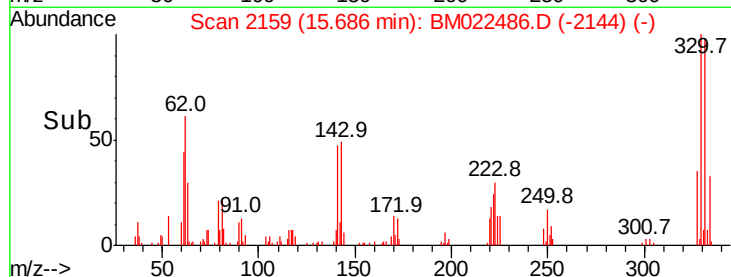
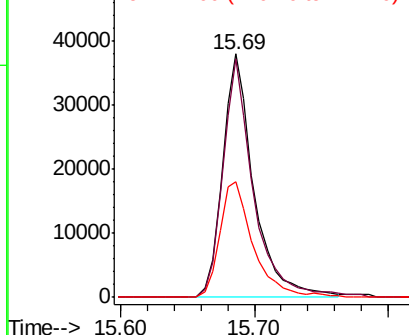
#42
 2,4,6-Tribromophenol
 Concen: 124.249 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM022486.D
 Acq: 01 Sep 2019 20:39

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.8	116.8
141	50.9	35.6	53.4

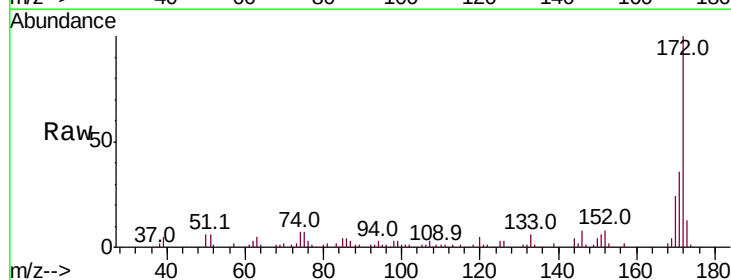


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

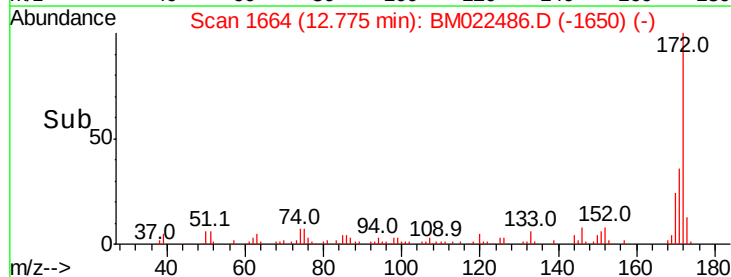
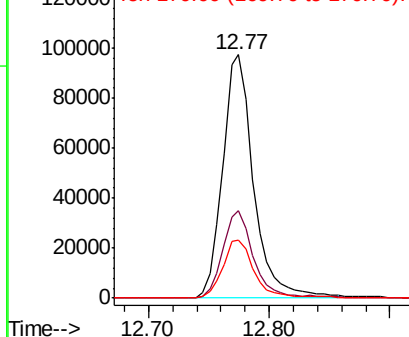


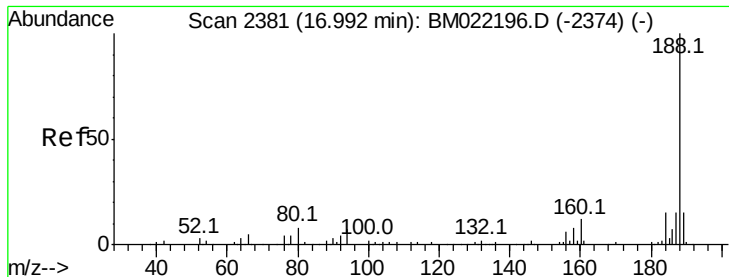
#45
 2-Fluorobiphenyl
 Concen: 79.791 ng
 RT: 12.77 min Scan# 1664
 Delta R.T. -0.02 min
 Lab File: BM022486.D
 Acq: 01 Sep 2019 20:39

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

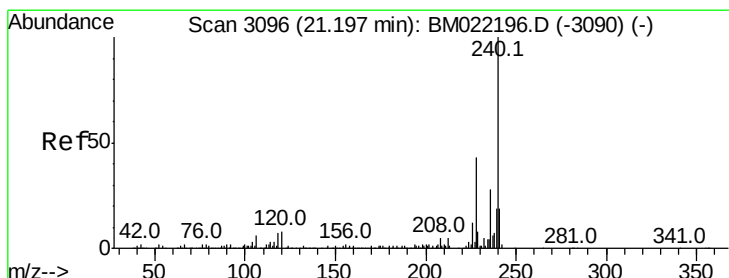
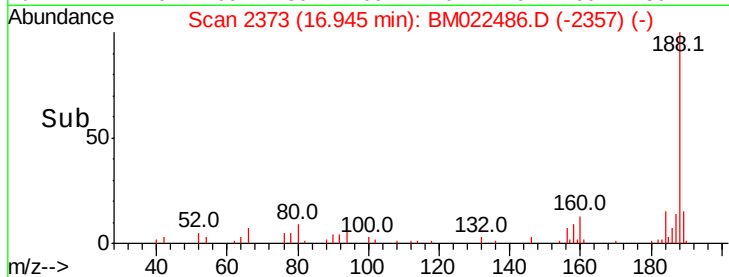
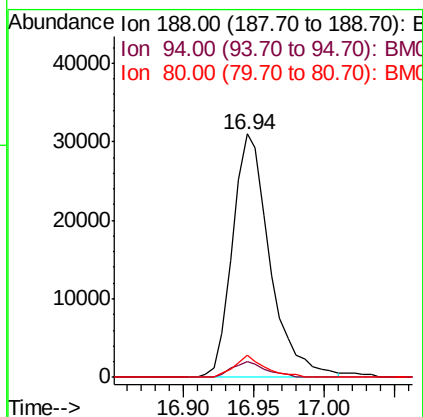
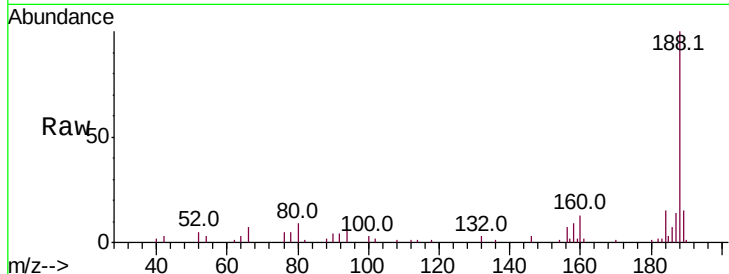




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.94 min Scan# 2373
 Delta R.T. -0.01 min
 Lab File: BM022486.D
 Acq: 01 Sep 2019 20:39

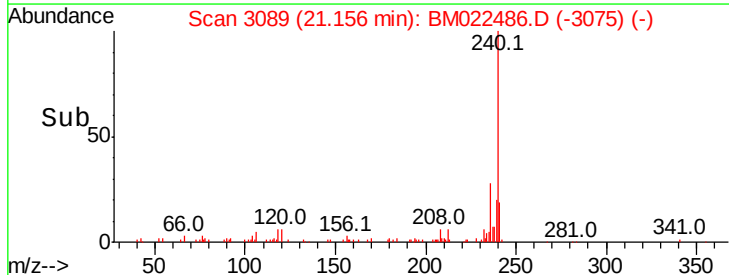
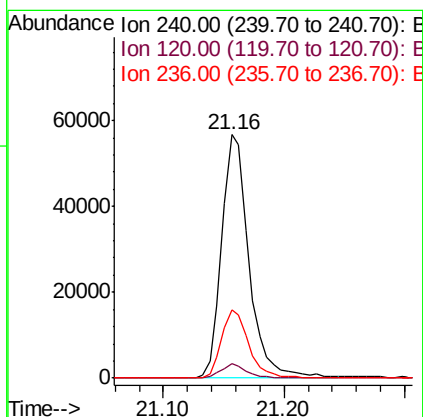
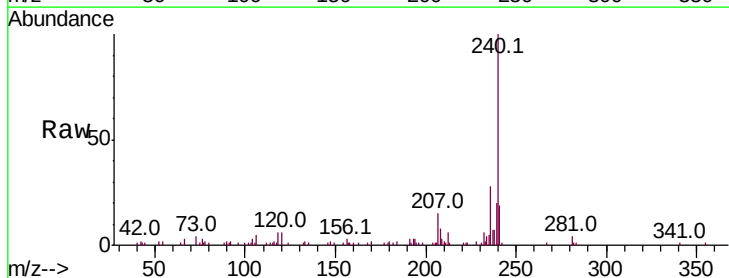
Instrument :
 BNA_M
 ClientSampleId :

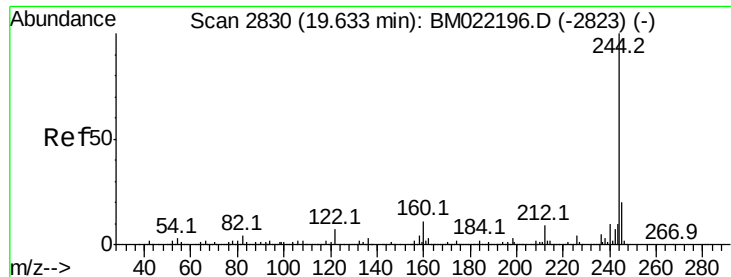
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.4	6.6
80	9.0	5.0	7.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.16 min Scan# 3089
 Delta R.T. -0.02 min
 Lab File: BM022486.D
 Acq: 01 Sep 2019 20:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.8	3.9	5.9
236	27.9	21.4	32.2

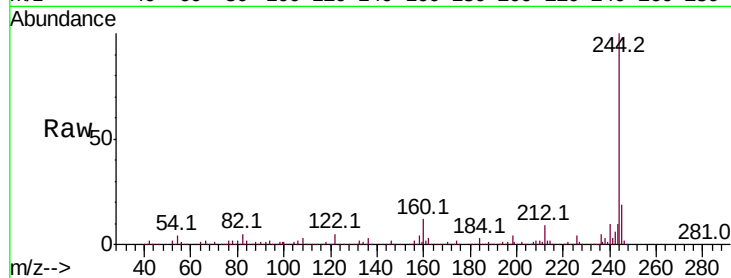




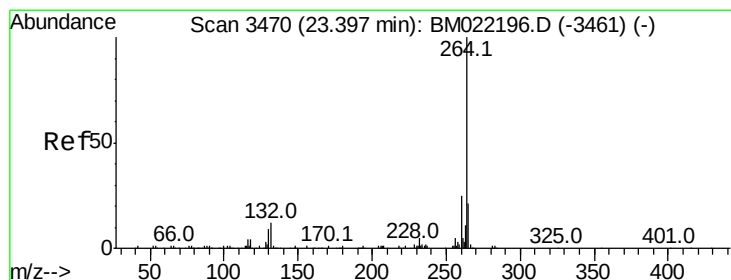
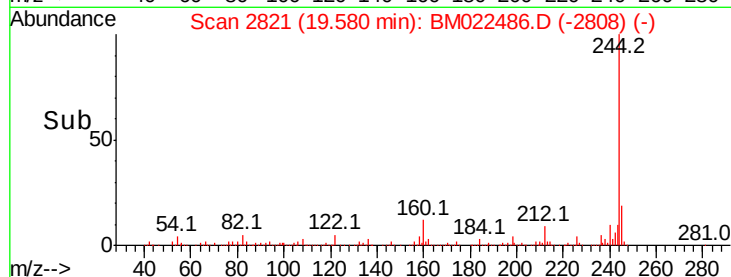
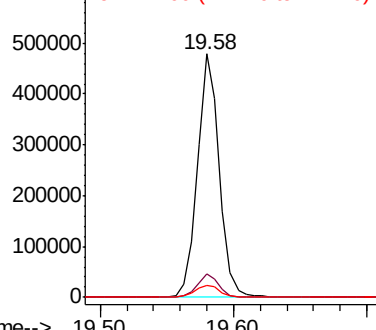
#79
 Terphenyl-d14
 Concen: 82.090 ng
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.02 min
 Lab File: BM022486.D
 Acq: 01 Sep 2019 20:39

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 552569
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.0 10.4
 122 5.1 3.9 5.9

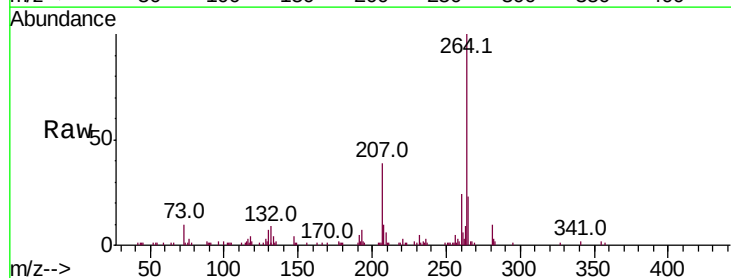


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.34 min Scan# 3460
 Delta R.T. -0.02 min
 Lab File: BM022486.D
 Acq: 01 Sep 2019 20:39

Tgt Ion:264 Resp: 112439
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.2 30.2
 265 23.5 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

