

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
 Data File : BM022495.D
 Acq On : 03 Sep 2019 10:18
 Operator : HP/JU
 Sample : PB122730BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB122730BL

Quant Time: Sep 03 12:57:40 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	15191	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	52307	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	33717	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	69990	20.00	ng	0.00
76) Chrysene-d12	21.16	240	75939	20.00	ng	0.00
87) Perylene-d12	23.35	264	77724	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	103058	119.08	ng	0.00
7) Phenol-d6	6.70	99	124355	107.45	ng	0.00
23) Nitrobenzene-d5	8.68	82	93519	78.31	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	63471	91.99	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	214797	72.17	ng	0.00
79) Terphenyl-d14	19.58	244	455114	79.09	ng	0.00

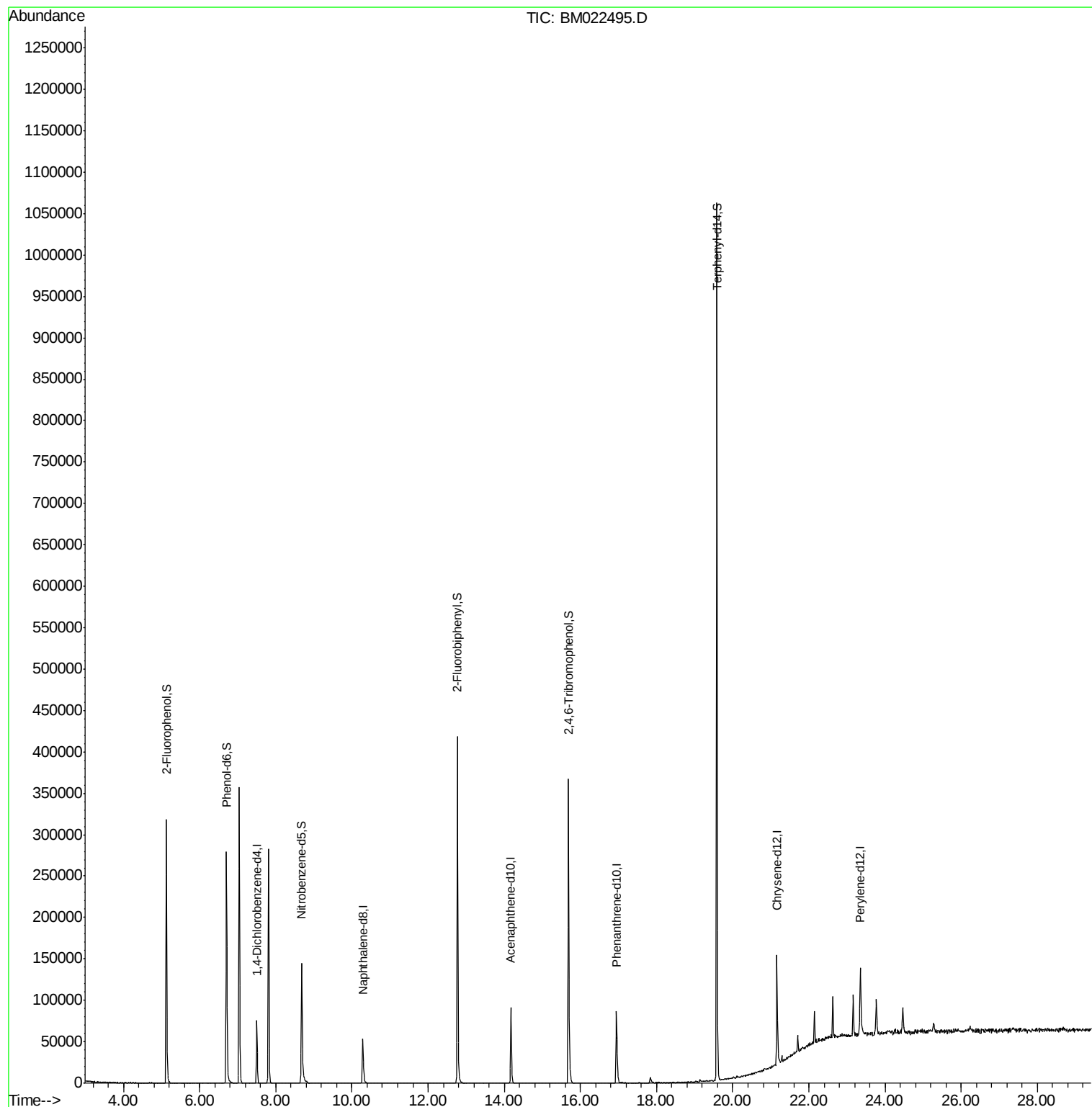
Target Compounds Qvalue

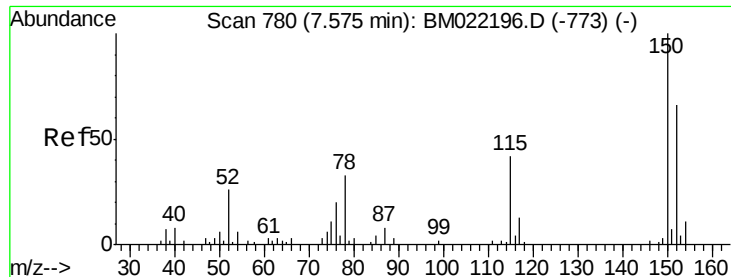
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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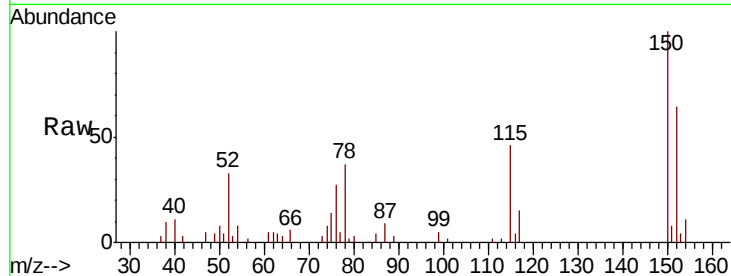


#1

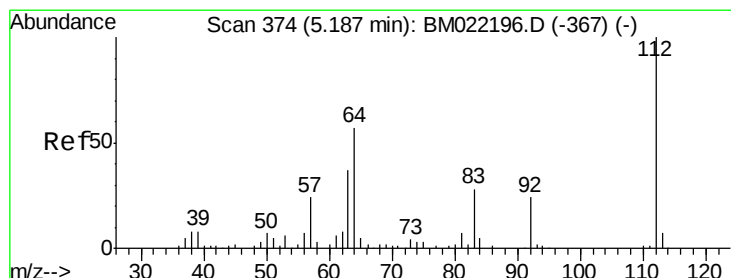
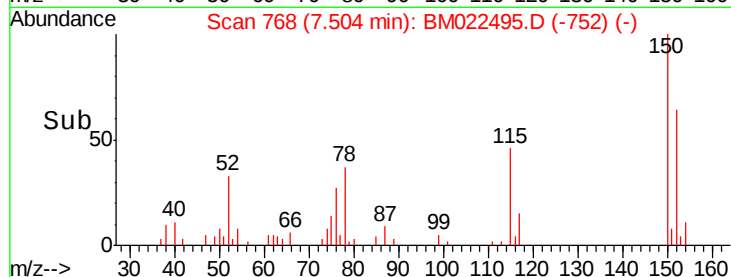
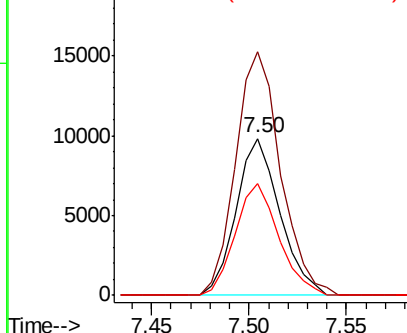
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM022495.D
Acq: 03 Sep 2019 10:18

Instrument :
BNA_M
ClientSampleId :
PB122730BL

Tot Ion:152 Resp: 15191
Ion Ratio Lower Upper
152 100
150 155.1 125.4 188.0
115 71.1 50.3 75.5



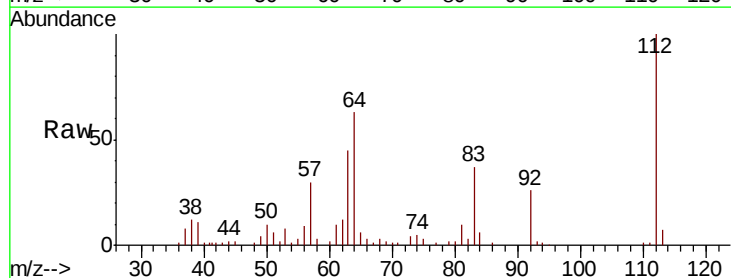
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



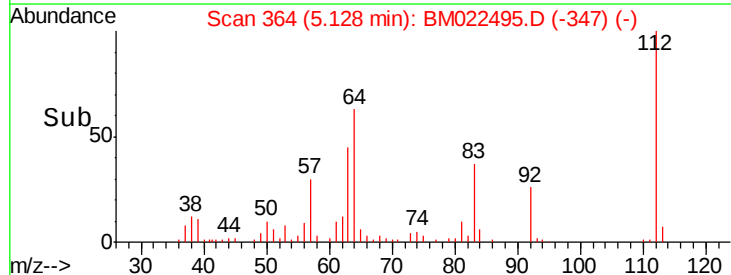
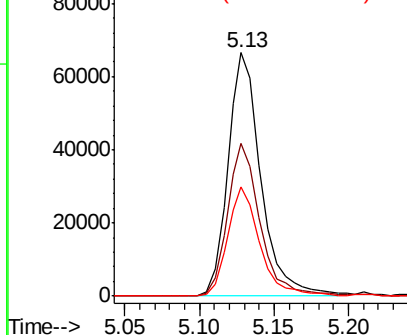
#5

2-Fluorophenol
Concen: 119.084 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.00 min
Lab File: BM022495.D
Acq: 03 Sep 2019 10:18

Tgt Ion:112 Resp: 103058
Ion Ratio Lower Upper
112 100
64 62.8 45.4 68.2
63 44.9 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: 107.453 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM022495.D

Acq: 03 Sep 2019 10:18

Instrument :

BNA_M

ClientSampleId :

PB122730BL

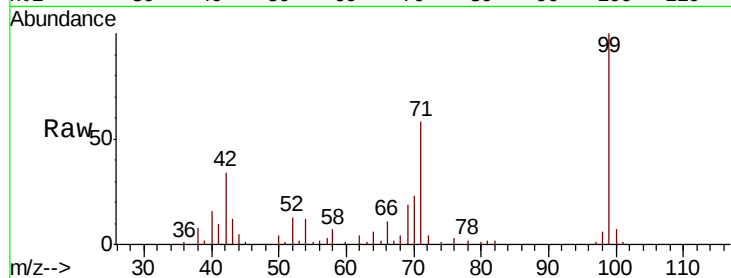
Tot Ion: 99 Resp: 124355

Ion Ratio Lower Upper

99 100

42 34.5 26.3 39.5

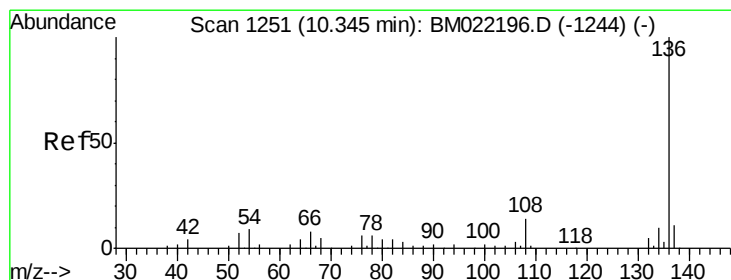
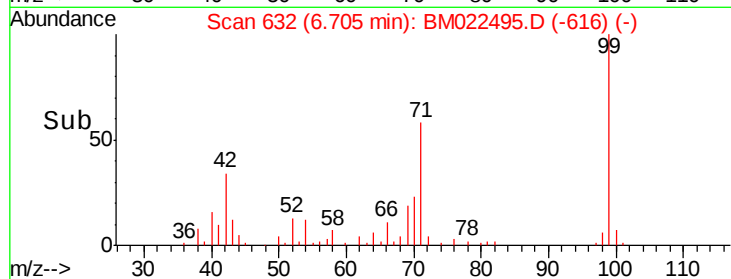
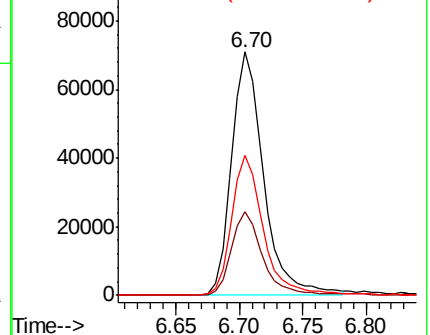
71 57.7 46.6 69.8



Abundance Ion 99.00 (98.70 to 99.70): BM022196.D (-635) (-)

Ion 42.00 (41.70 to 42.70): BM022196.D (-635) (-)

Ion 71.00 (70.70 to 71.70): BM022196.D (-635) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1241

Delta R.T. 0.01 min

Lab File: BM022495.D

Acq: 03 Sep 2019 10:18

Tgt Ion: 136 Resp: 52307

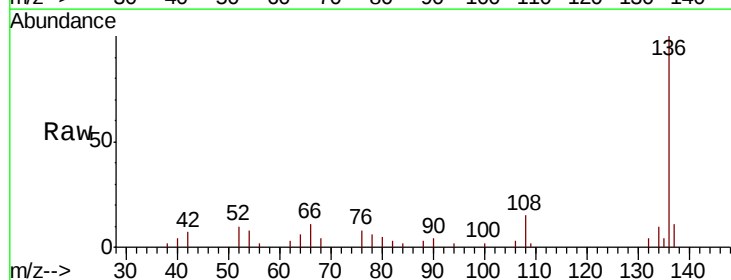
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 7.9 7.0 10.6

68 4.0 2.9 4.3

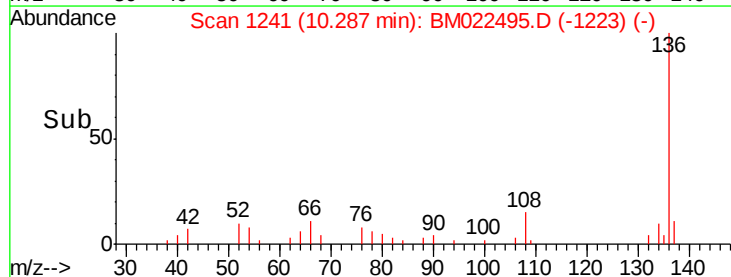
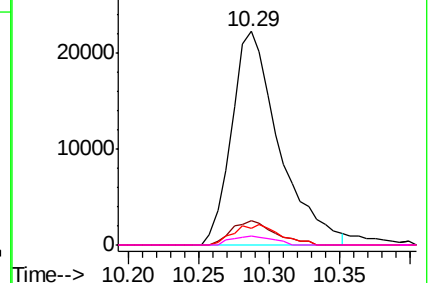


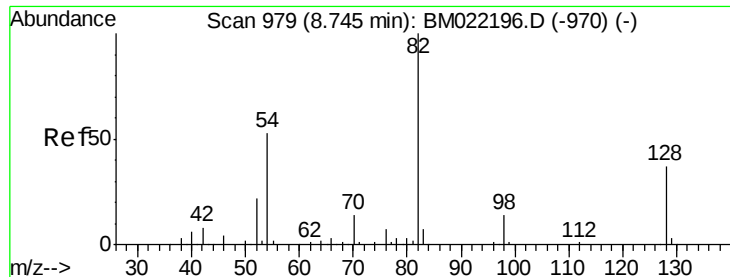
Abundance Ion 136.00 (135.70 to 136.70): BM022196.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM022196.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM022196.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM022196.D (-1244) (-)

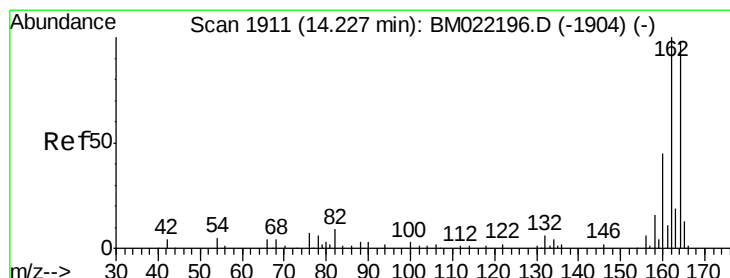
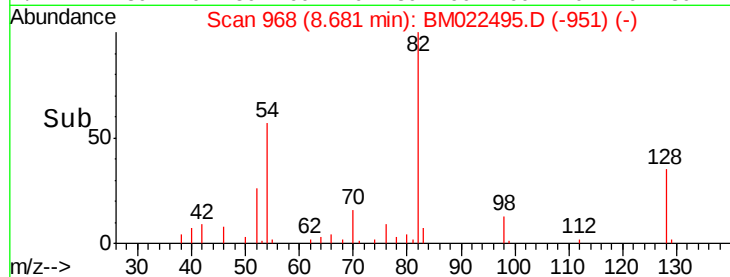
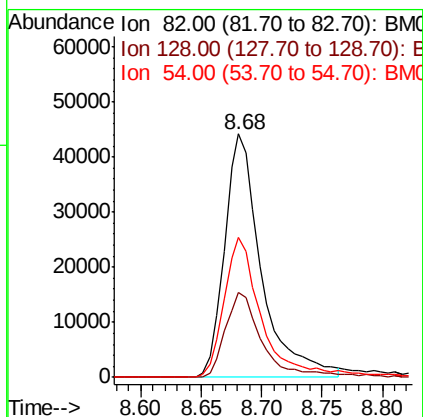
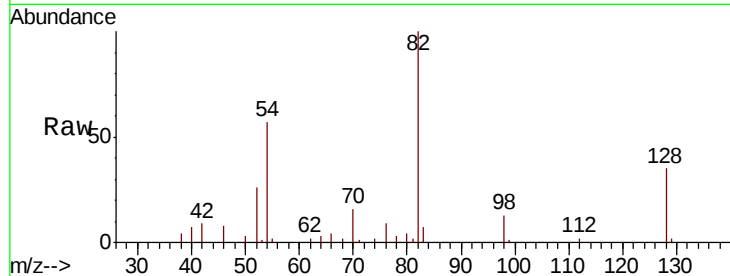




#23
 Nitrobenzene-d5
 Concen: 78.310 ng
 RT: 8.68 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BM022495.D
 Acq: 03 Sep 2019 10:18

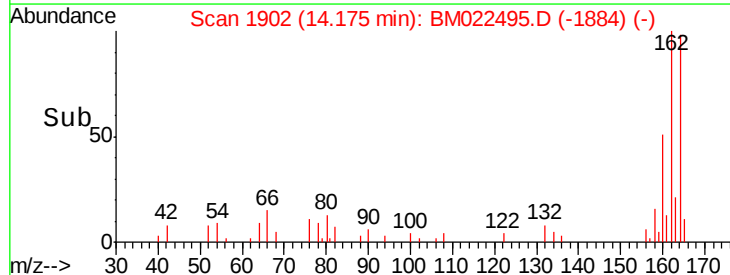
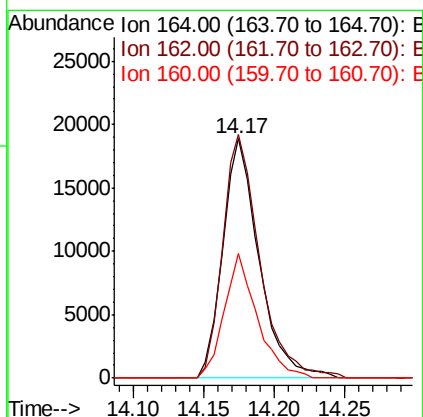
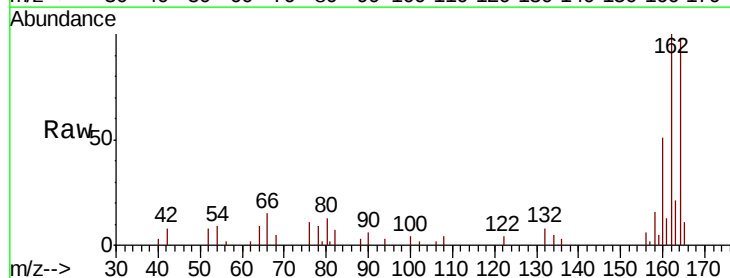
Instrument :
 BNA_M
 ClientSampleId :
 PB122730BL

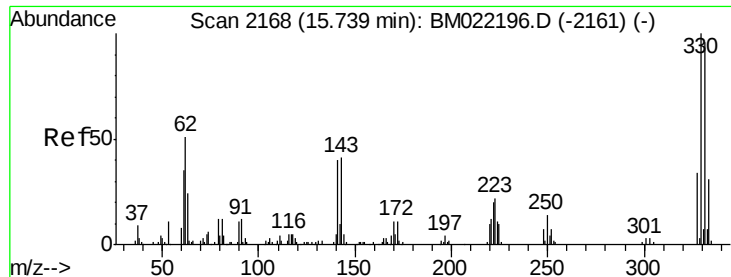
Tot Ion: 82 Resp: 93519
 Ion Ratio Lower Upper
 82 100
 128 34.7 27.9 41.9
 54 57.5 45.2 67.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.17 min Scan# 1902
 Delta R.T. 0.01 min
 Lab File: BM022495.D
 Acq: 03 Sep 2019 10:18

Tgt Ion: 164 Resp: 33717
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.6 121.0
 160 52.2 37.3 55.9





#42

2,4,6-Tribromophenol

Concen: 91.995 ng

RT: 15.69 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BM022495.D

Acq: 03 Sep 2019 10:18

Instrument :

BNA_M

ClientSampleId :

PB122730BL

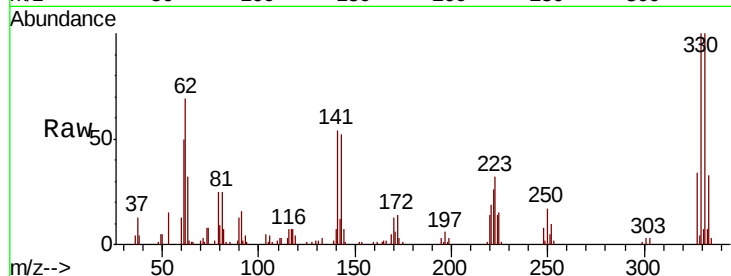
Tot Ion:330 Resp: 63471

Ion Ratio Lower Upper

330 100

332 96.9 77.8 116.8

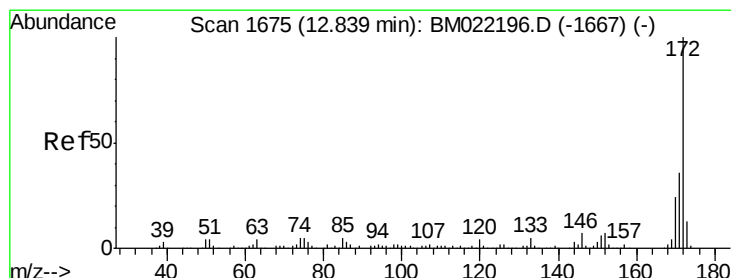
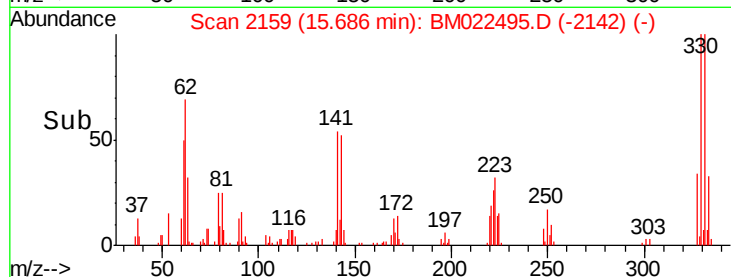
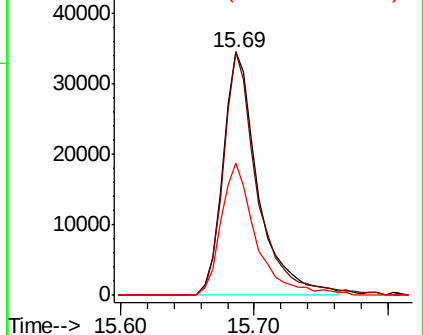
141 54.1 35.6 53.4#



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: 72.169 ng

RT: 12.77 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BM022495.D

Acq: 03 Sep 2019 10:18

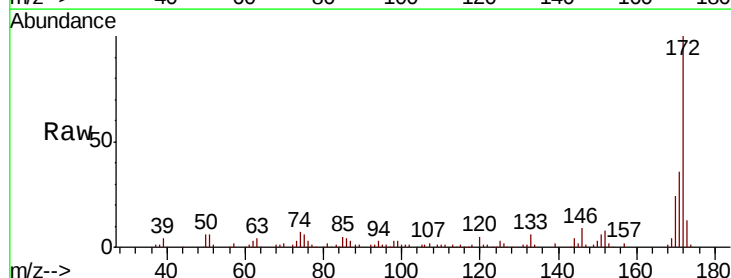
Tgt Ion:172 Resp: 214797

Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

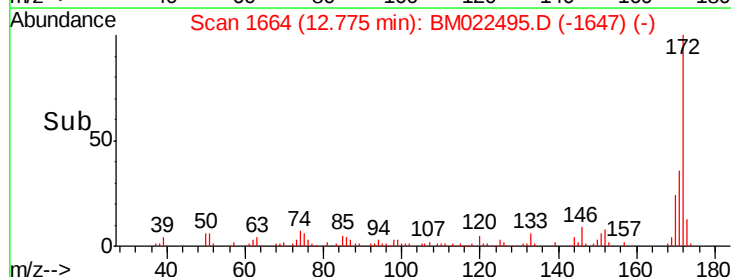
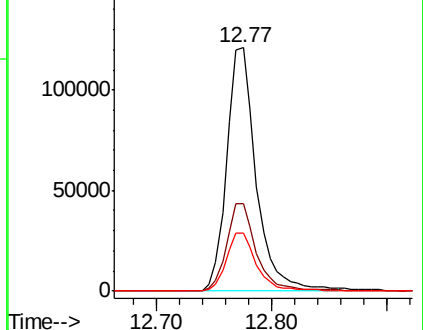
170 23.8 18.9 28.3

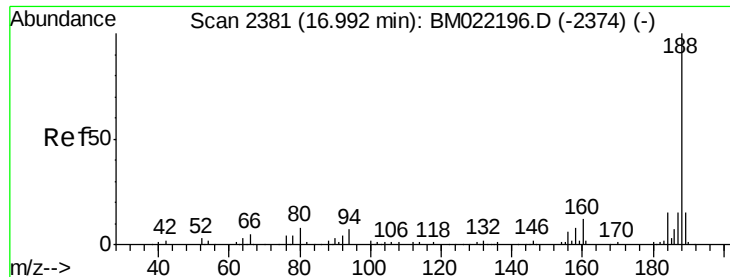


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

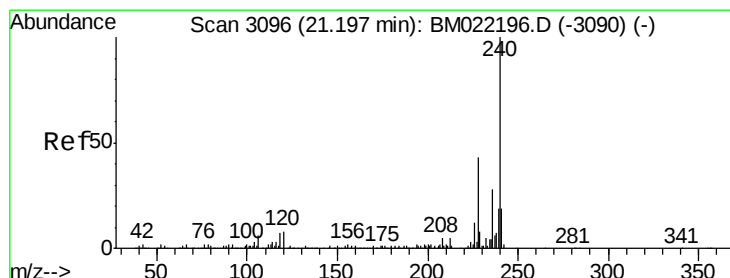
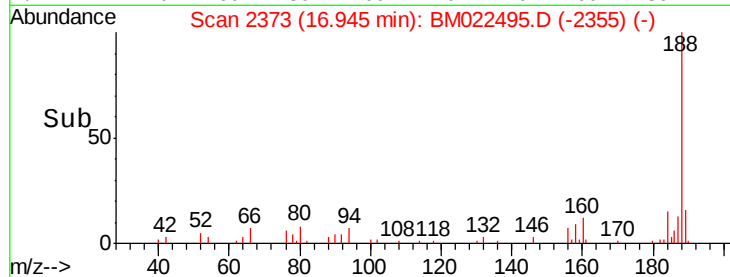
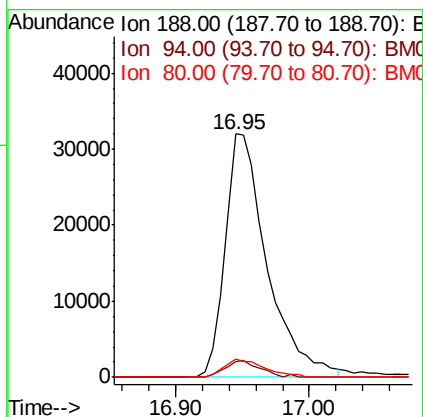
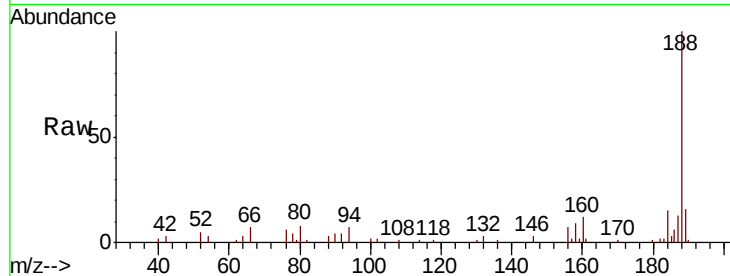




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2373
Delta R.T. 0.01 min
Lab File: BM022495.D
Acq: 03 Sep 2019 10:18

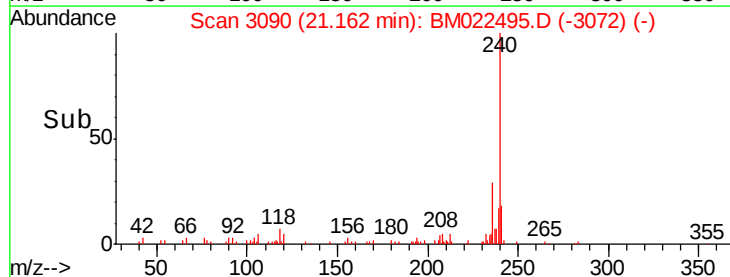
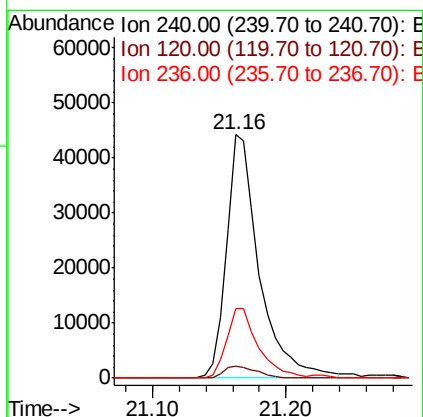
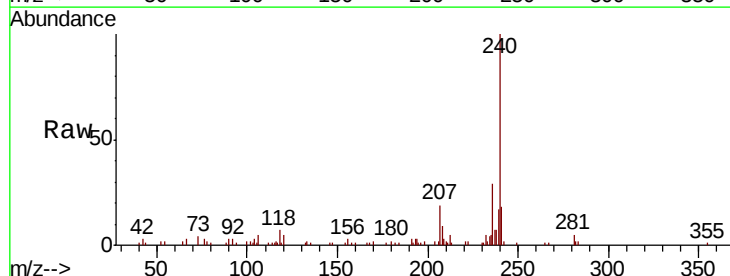
Instrument :
BNA_M
ClientSampleId :
PB122730BL

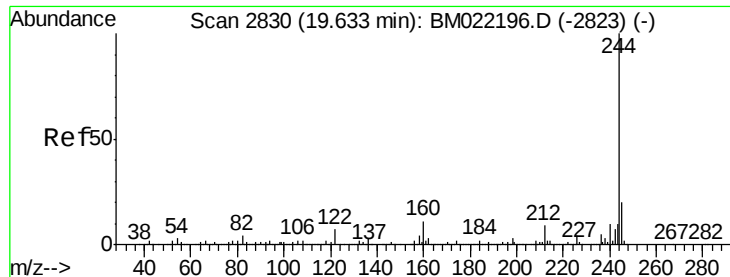
Tot Ion:188 Resp: 69990
Ion Ratio Lower Upper
188 100
94 6.6 4.4 6.6#
80 7.6 5.0 7.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BM022495.D
Acq: 03 Sep 2019 10:18

Tgt Ion:240 Resp: 75939
Ion Ratio Lower Upper
240 100
120 5.1 3.9 5.9
236 28.6 21.4 32.2





#79

Terphenyl-d14

Concen: 79.095 ng

RT: 19.58 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BM022495.D

Acq: 03 Sep 2019 10:18

Instrument :

BNA_M

ClientSampleId :

PB122730BL

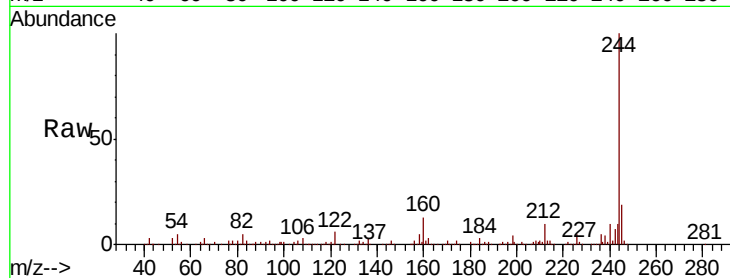
Tot Ion:244 Resp: 455114

Ion Ratio Lower Upper

244 100

212 9.9 7.0 10.4

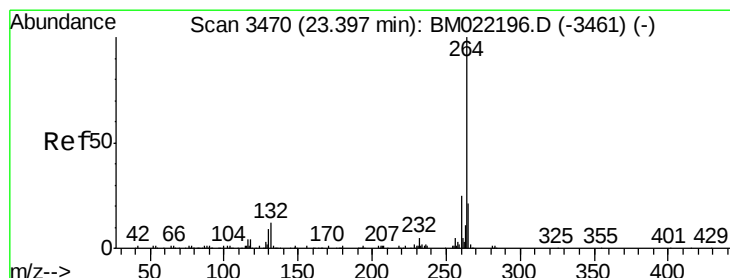
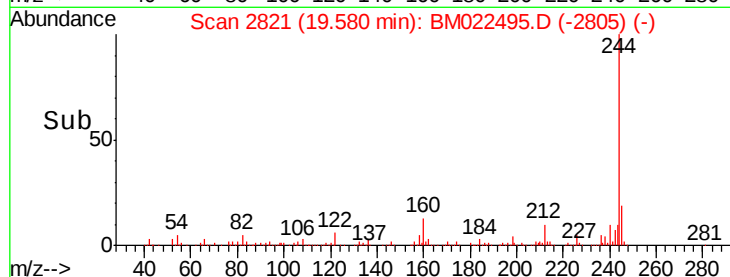
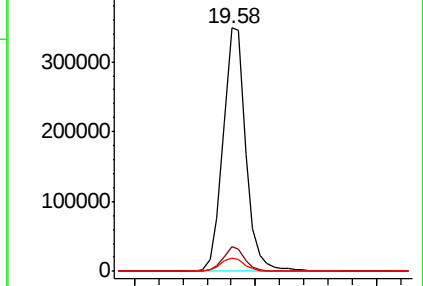
122 5.6 3.9 5.9



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: 23.35 min Scan# 3462

Delta R.T. 0.01 min

Lab File: BM022495.D

Acq: 03 Sep 2019 10:18

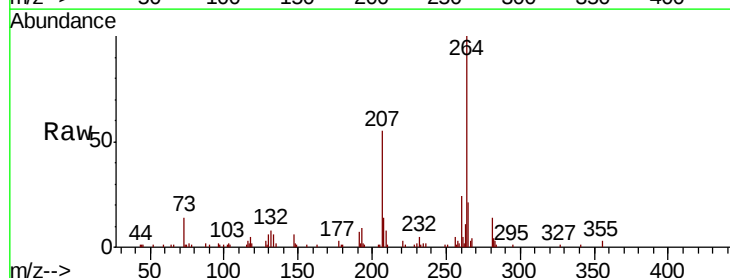
Tgt Ion:264 Resp: 77724

Ion Ratio Lower Upper

264 100

260 24.4 20.2 30.2

265 20.5 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

