

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083119\
 Data File : BM022473.D
 Acq On : 31 Aug 2019 15:37
 Operator : HP/JU
 Sample : K4619-37
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-1

Quant Time: Aug 31 18:39:02 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

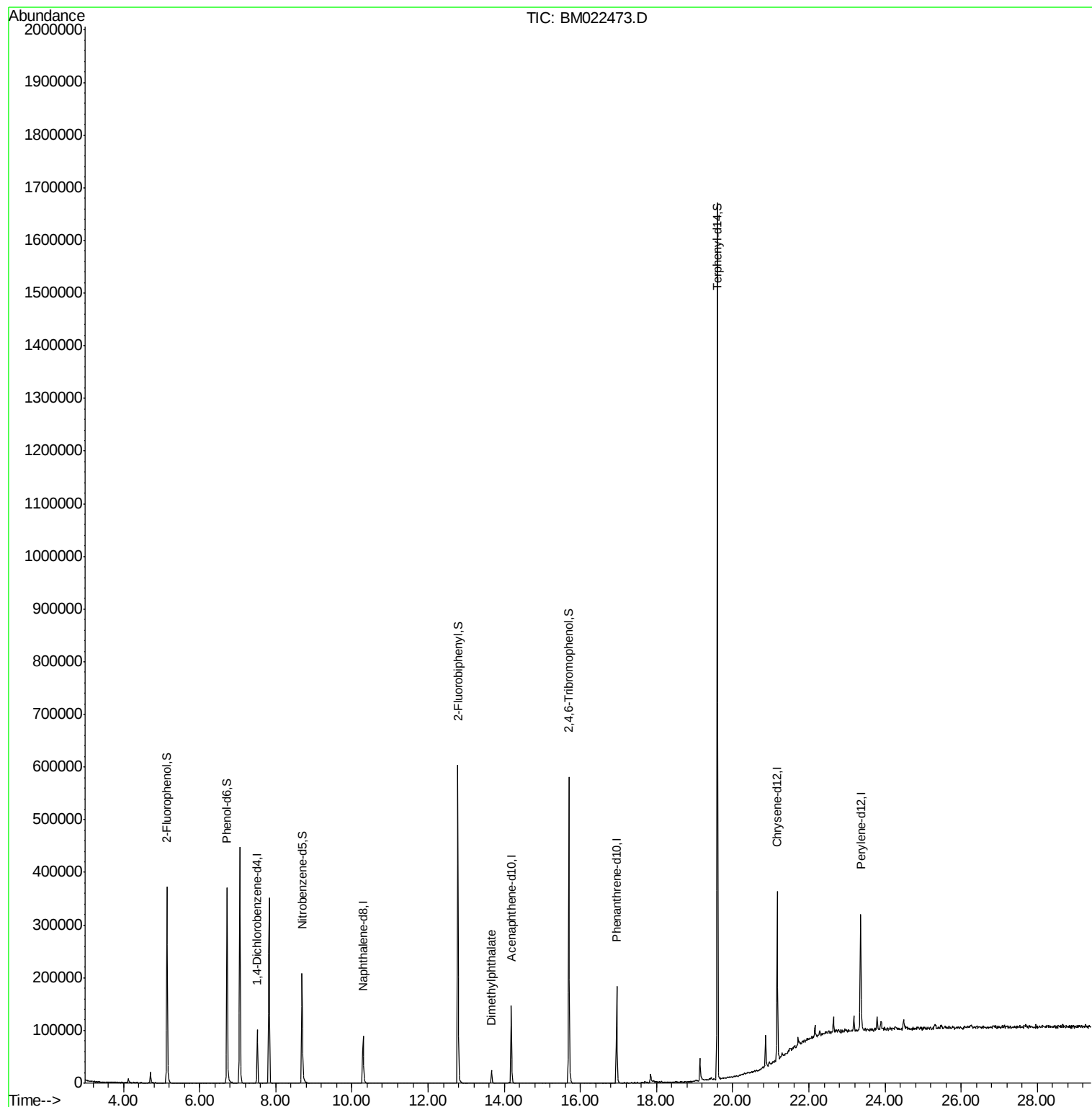
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	22734	20.00	ng	-0.01
21) Naphthalene-d8	10.29	136	75706	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	48992	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	112036	20.00	ng	0.00
76) Chrysene-d12	21.17	240	143083	20.00	ng	0.00
87) Perylene-d12	23.36	264	167897	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	134477	103.83	ng	0.00
7) Phenol-d6	6.72	99	169782	98.03	ng	0.00
23) Nitrobenzene-d5	8.69	82	123536	71.47	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	96955	96.71	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	289275	66.89	ng	-0.01
79) Terphenyl-d14	19.60	244	684107	63.10	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.67	163	19266	4.521	ng	Qvalue # 97

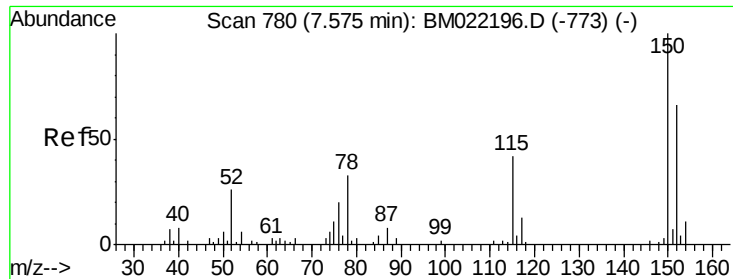
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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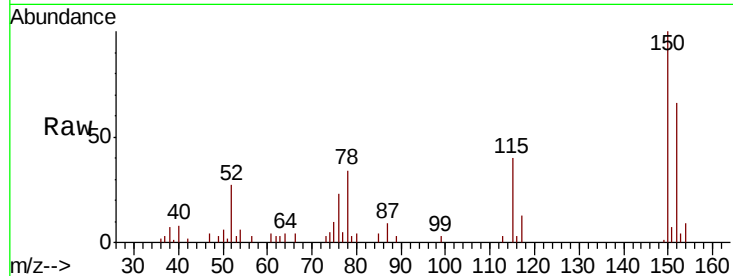


#1

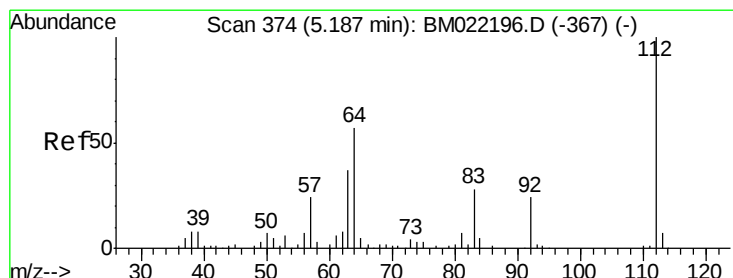
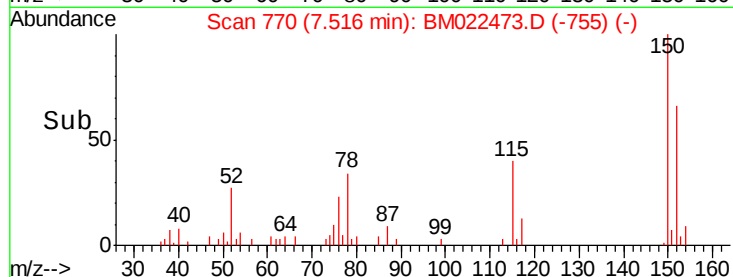
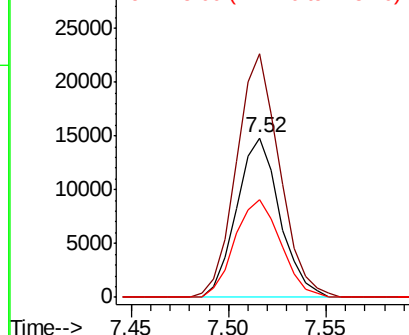
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 770
Delta R.T. -0.01 min
Lab File: BM022473.D
Acq: 31 Aug 2019 15:37

Instrument :
BNA_M
ClientSampleId :
CONCRETE-1

Tot Ion:152 Resp: 22734
Ion Ratio Lower Upper
152 100
150 152.5 125.4 188.0
115 61.0 50.3 75.5



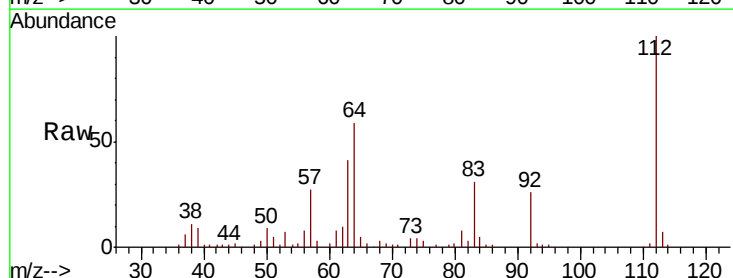
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



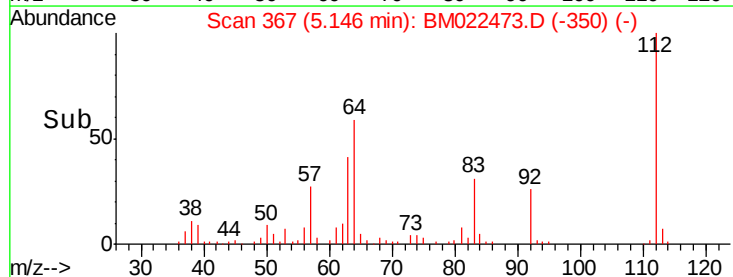
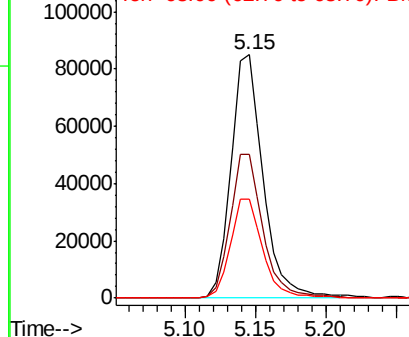
#5

2-Fluorophenol
Concen: 103.832 ng
RT: 5.15 min Scan# 367
Delta R.T. -0.00 min
Lab File: BM022473.D
Acq: 31 Aug 2019 15:37

Tgt Ion:112 Resp: 134477
Ion Ratio Lower Upper
112 100
64 59.1 45.4 68.2
63 40.7 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: 98.030 ng

RT: 6.72 min Scan# 634

Delta R.T. -0.01 min

Lab File: BM022473.D

Acq: 31 Aug 2019 15:37

Instrument :

BNA_M

ClientSampled :

CONCRETE-1

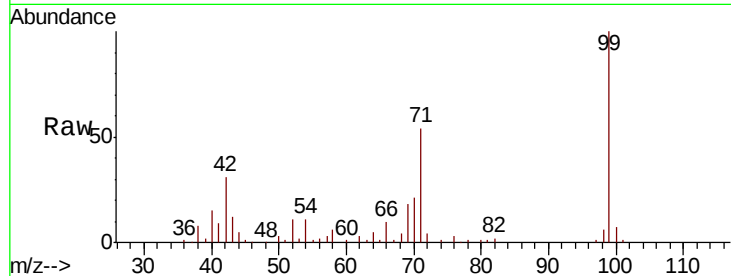
Tot Ion: 99 Resp: 169782

Ion Ratio Lower Upper

99 100

42 30.9 26.3 39.5

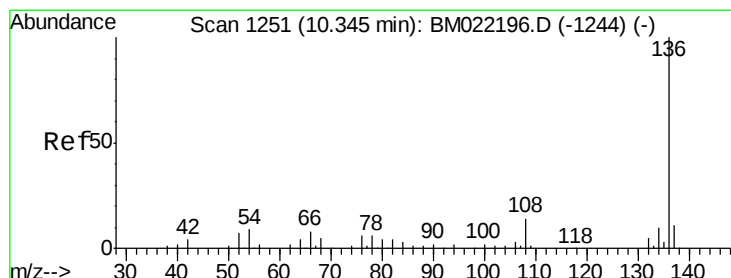
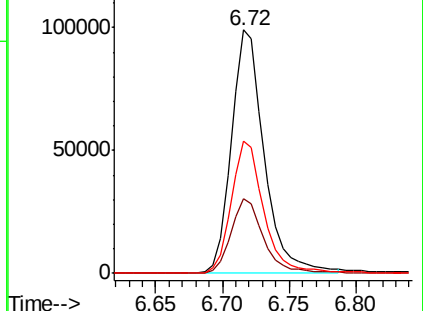
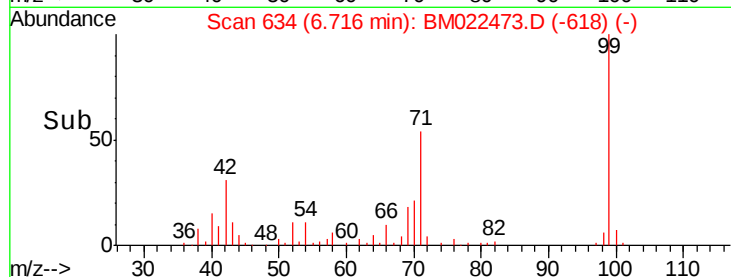
71 54.4 46.6 69.8



Abundance Ion 99.00 (98.70 to 99.70): BM022473.D (-618) (-)

Ion 42.00 (41.70 to 42.70): BM022473.D (-618) (-)

Ion 71.00 (70.70 to 71.70): BM022473.D (-618) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BM022473.D

Acq: 31 Aug 2019 15:37

Tgt Ion: 136 Resp: 75706

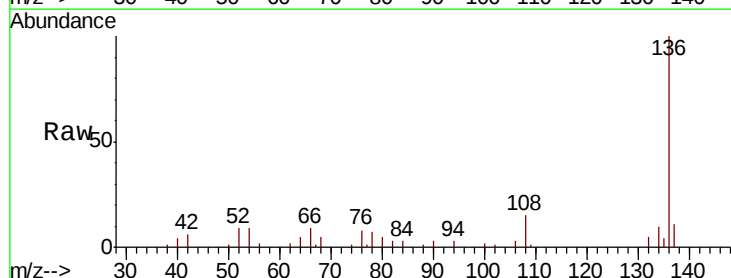
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 9.3 7.0 10.6

68 4.9 2.9 4.3#

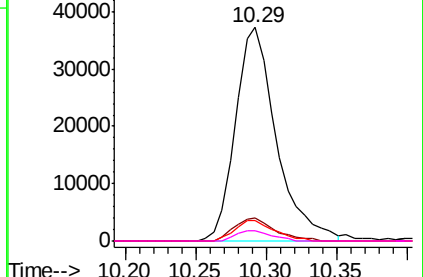
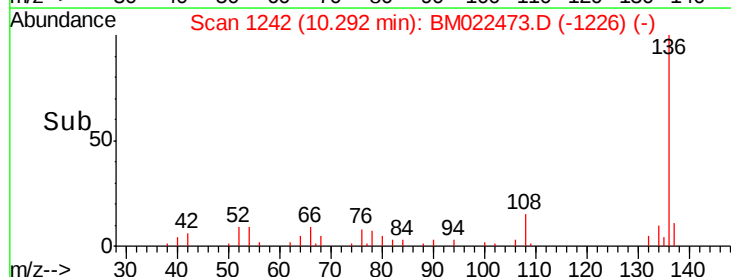


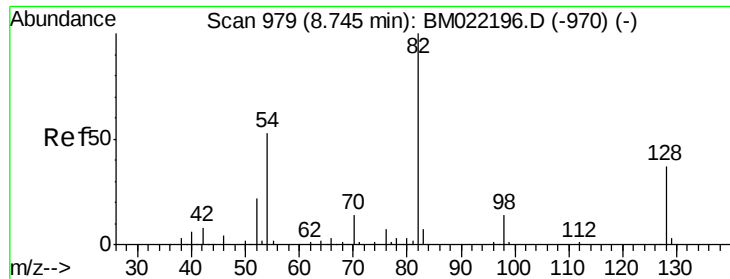
Abundance Ion 136.00 (135.70 to 136.70): BM022473.D (-1226) (-)

Ion 137.00 (136.70 to 137.70): BM022473.D (-1226) (-)

Ion 54.00 (53.70 to 54.70): BM022473.D (-1226) (-)

Ion 68.00 (67.70 to 68.70): BM022473.D (-1226) (-)

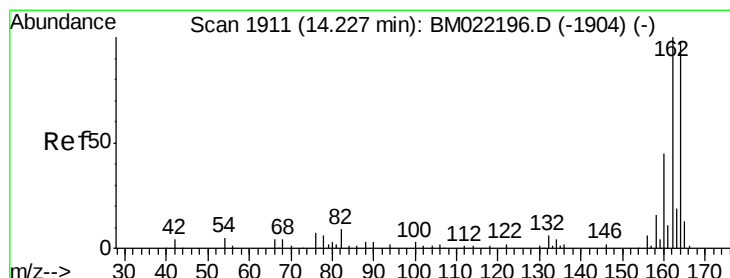
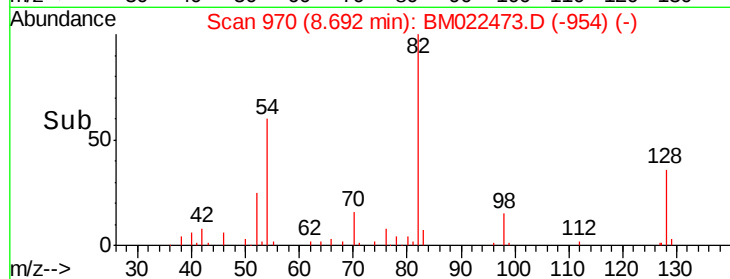
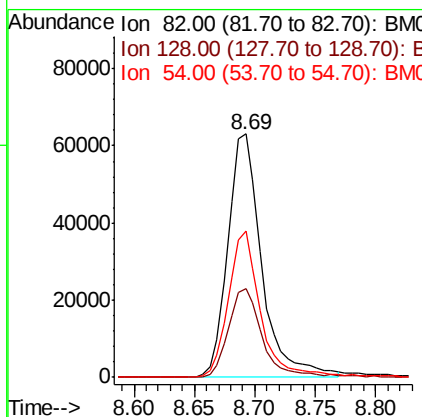
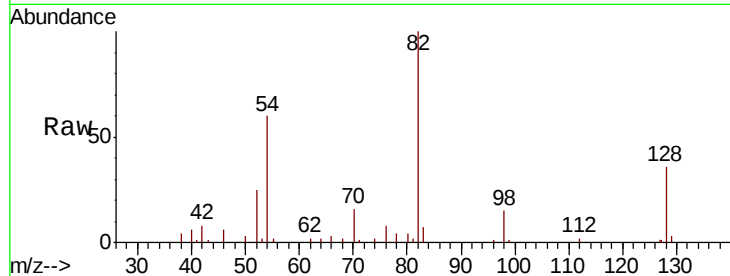




#23
 Nitrobenzene-d5
 Concen: 71.473 ng
 RT: 8.69 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BM022473.D
 Acq: 31 Aug 2019 15:37

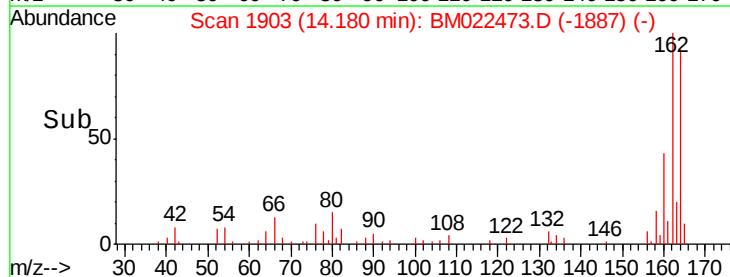
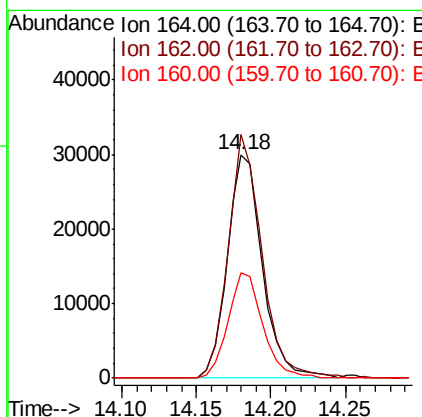
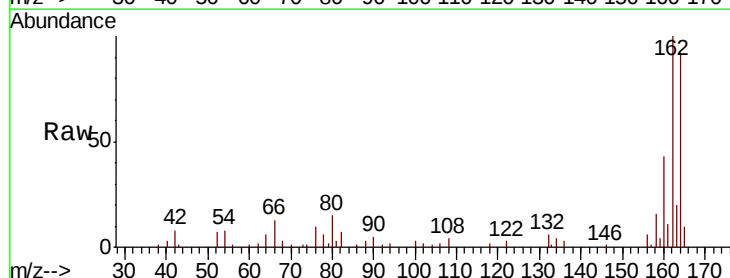
Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-1

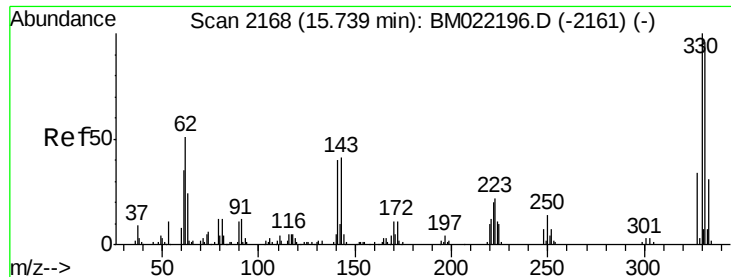
Tot Ion	82	Resp	123536
Ion Ratio	100	Lower	Upper
128	36.3	27.9	41.9
54	60.2	45.2	67.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.18 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BM022473.D
 Acq: 31 Aug 2019 15:37

Tgt Ion	164	Resp	48992
Ion Ratio	100	Lower	Upper
162	108.9	80.6	121.0
160	47.1	37.3	55.9

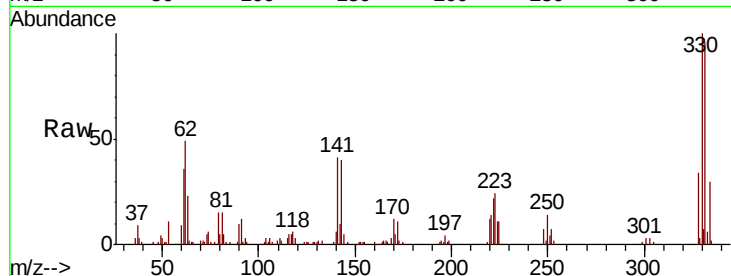




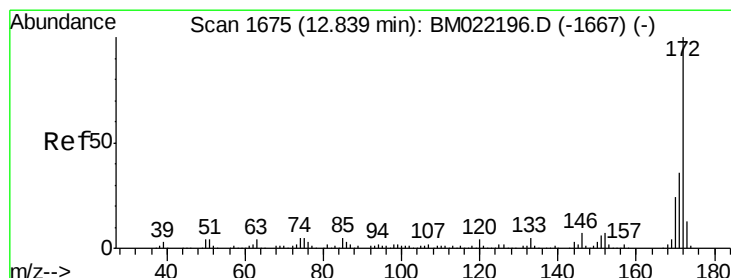
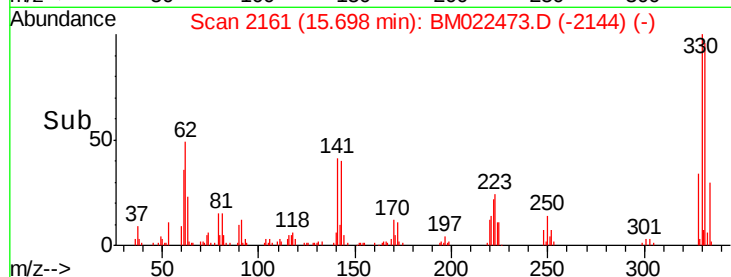
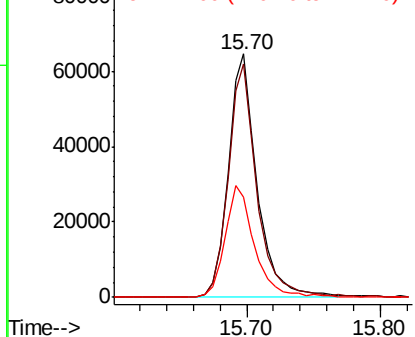
#42
 2,4,6-Tribromophenol
 Concen: 96.712 ng
 RT: 15.70 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BM022473.D
 Acq: 31 Aug 2019 15:37

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-1

Tot Ion:330 Resp: 96955
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.8 116.8
 141 47.0 35.6 53.4

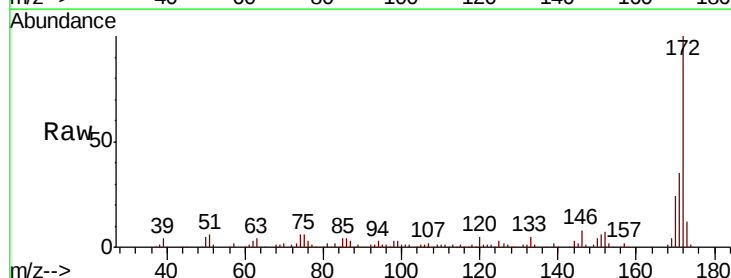


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

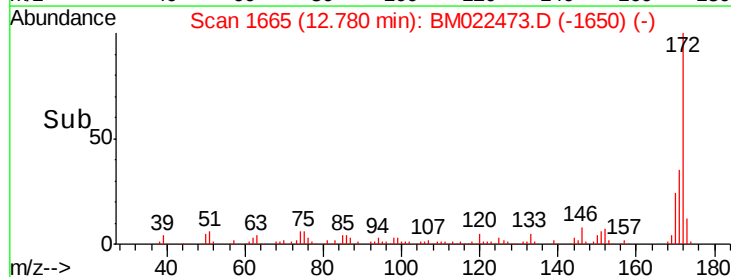
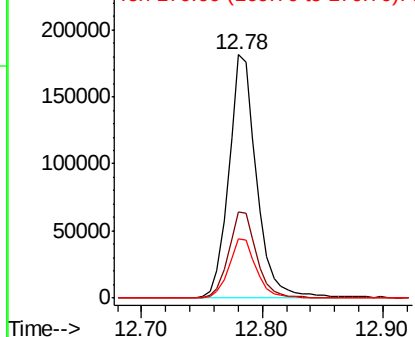


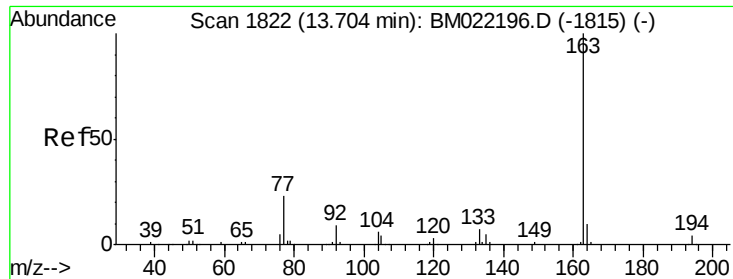
#45
 2-Fluorobiphenyl
 Concen: 66.889 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BM022473.D
 Acq: 31 Aug 2019 15:37

Tgt Ion:172 Resp: 289275
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 24.3 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





#50

Dimethylphthalate

Concen: 4.521 ng

RT: 13.67 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BM022473.D

Acq: 31 Aug 2019 15:37

Instrument :

BNA_M

ClientSampleId :

CONCRETE-1

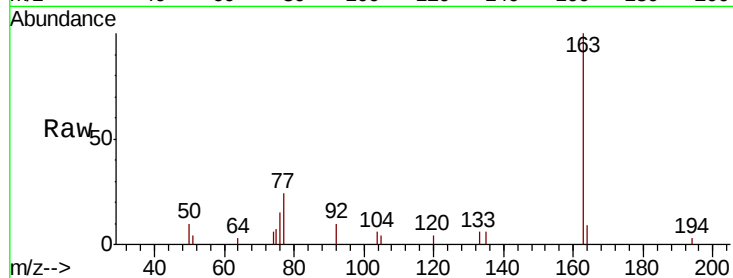
Tot Ion:163 Resp: 19266

Ion Ratio Lower Upper

163 100

194 3.0 3.4 5.2#

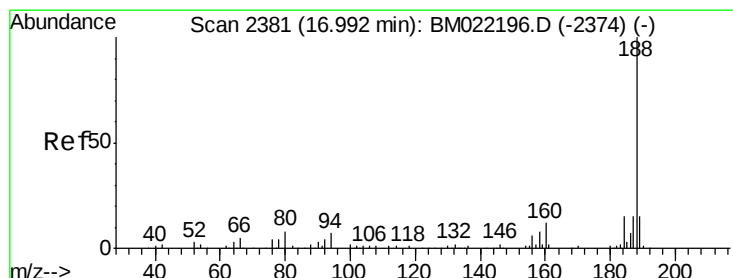
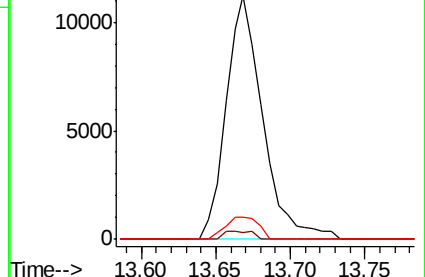
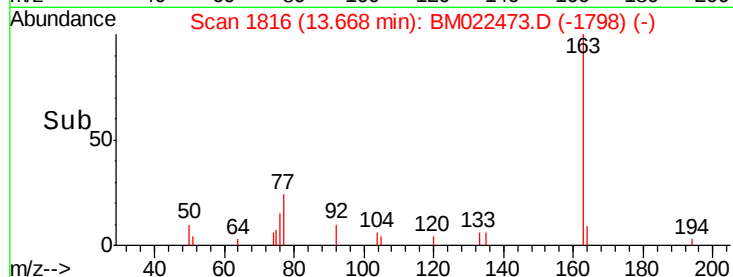
164 9.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.95 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BM022473.D

Acq: 31 Aug 2019 15:37

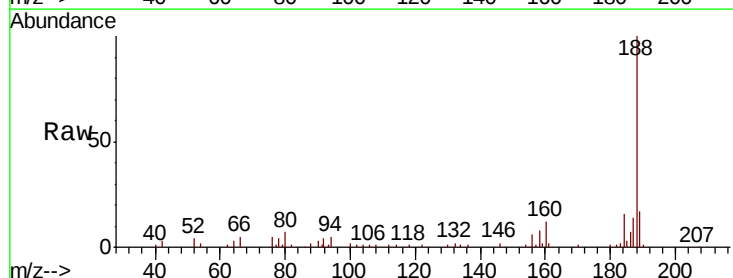
Tgt Ion:188 Resp: 112036

Ion Ratio Lower Upper

188 100

94 5.5 4.4 6.6

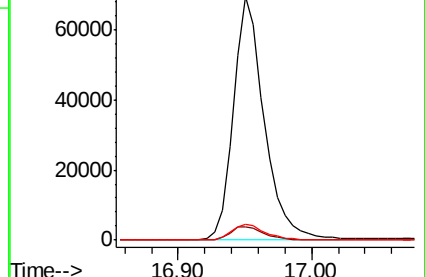
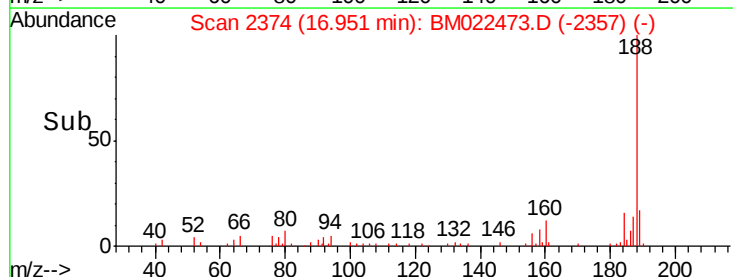
80 6.6 5.0 7.6

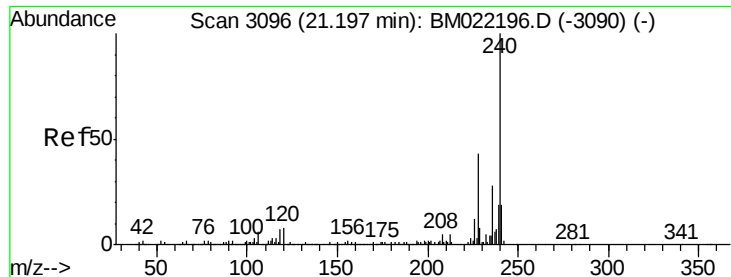


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

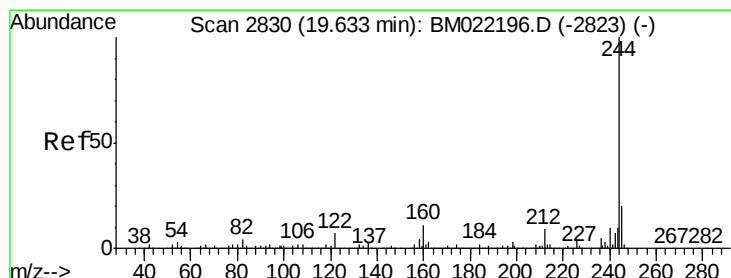
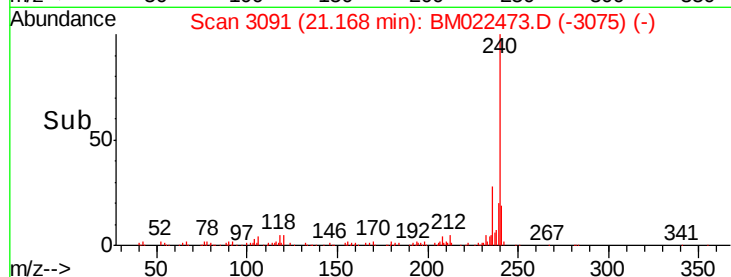
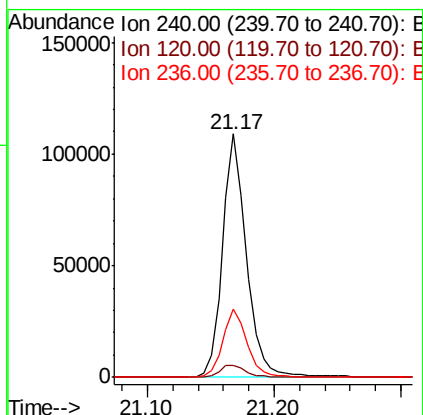
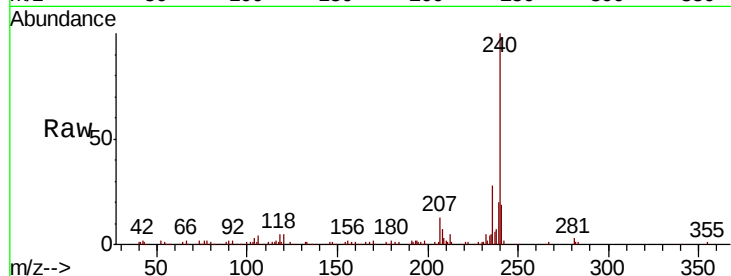




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM022473.D
Acq: 31 Aug 2019 15:37

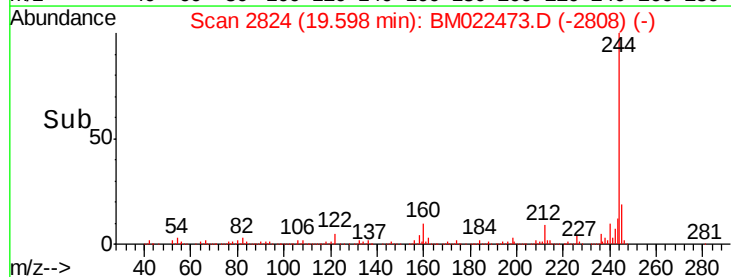
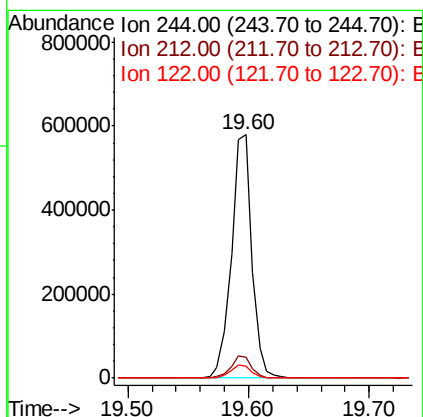
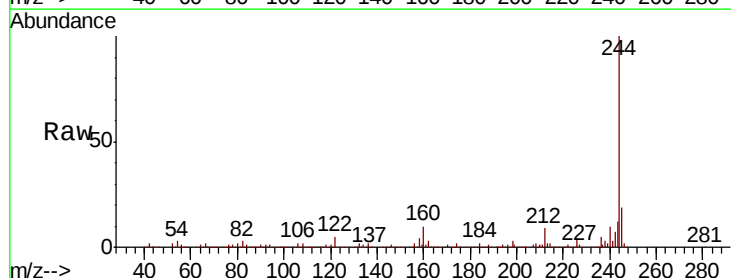
Instrument :
BNA_M
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CONCRETE-1

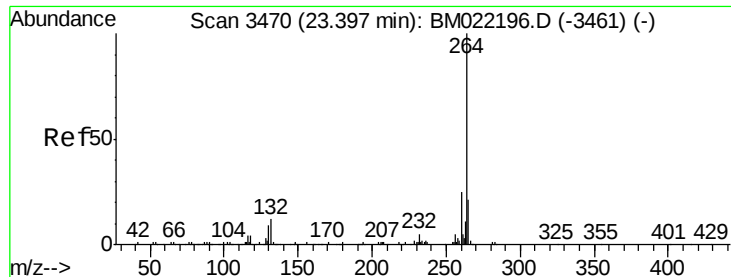
Tot Ion:240 Resp: 143083
Ion Ratio Lower Upper
240 100
120 4.7 3.9 5.9
236 27.8 21.4 32.2



#79
Terphenyl-d14
Concen: 63.100 ng
RT: 19.60 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM022473.D
Acq: 31 Aug 2019 15:37

Tgt Ion:244 Resp: 684107
Ion Ratio Lower Upper
244 100
212 8.8 7.0 10.4
122 4.7 3.9 5.9

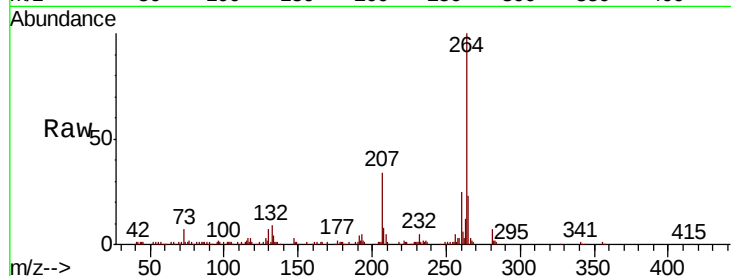




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.36 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BM022473.D
Acq: 31 Aug 2019 15:37

Instrument :
BNA_M
ClientSampleId :
CONCRETE-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.2	30.2
265	22.7	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

