

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083119\
 Data File : BM022472.D
 Acq On : 31 Aug 2019 15:00
 Operator : HP/JU
 Sample : K4619-38
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-2

Quant Time: Aug 31 15:51:40 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

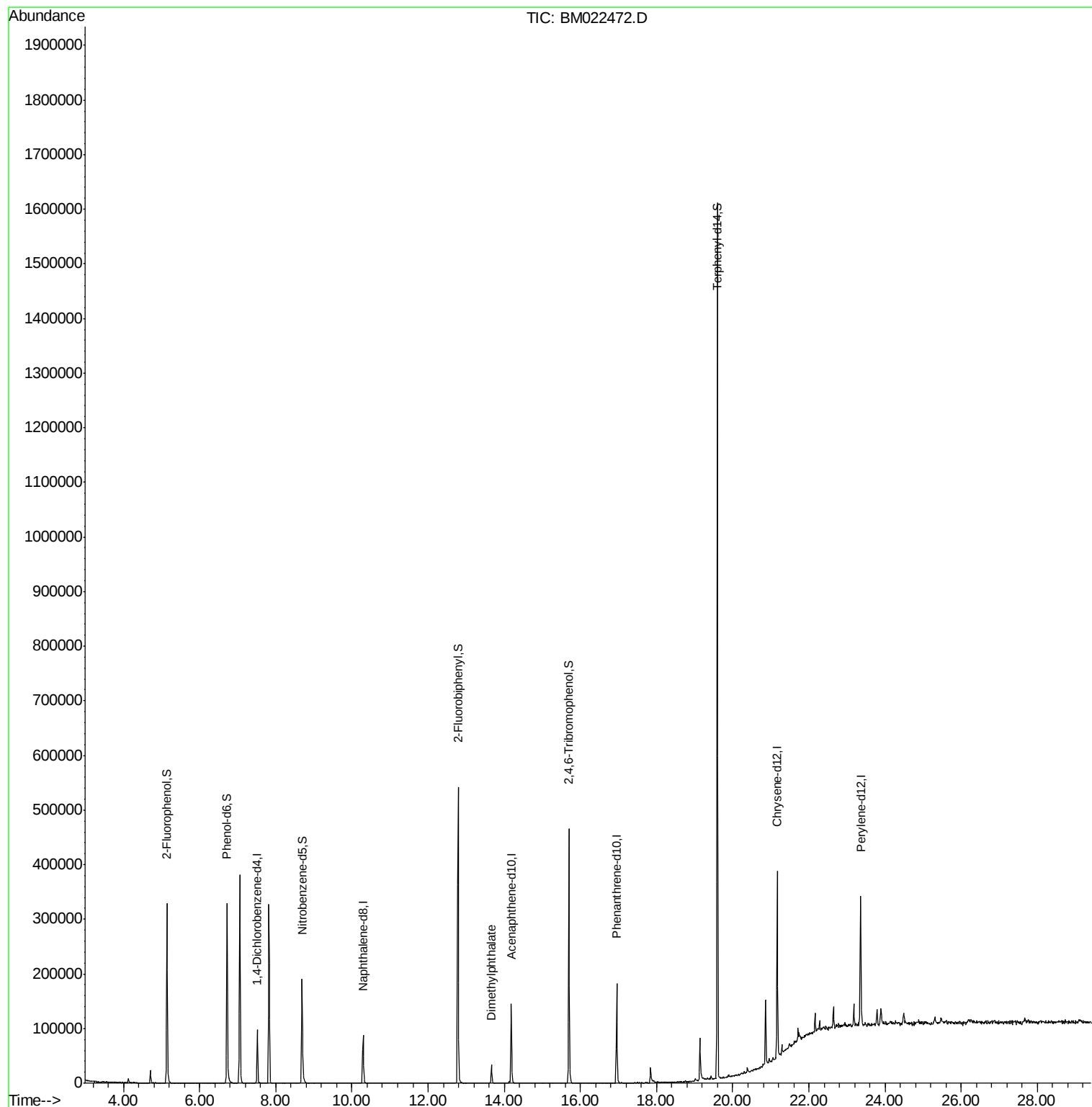
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	21997	20.00	ng	-0.01
21) Naphthalene-d8	10.29	136	76200	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	47946	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	111065	20.00	ng	0.00
76) Chrysene-d12	21.17	240	145659	20.00	ng	0.00
87) Perylene-d12	23.36	264	172052	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	115700	92.33	ng	0.00
7) Phenol-d6	6.72	99	154985	92.48	ng	0.00
23) Nitrobenzene-d5	8.69	82	114569	65.86	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	76653	78.13	ng	0.00
45) 2-Fluorobiphenyl	12.79	172	265035	62.62	ng	0.00
79) Terphenyl-d14	19.59	244	641767	58.15	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.66	163	26091	6.257	ng	Qvalue 100

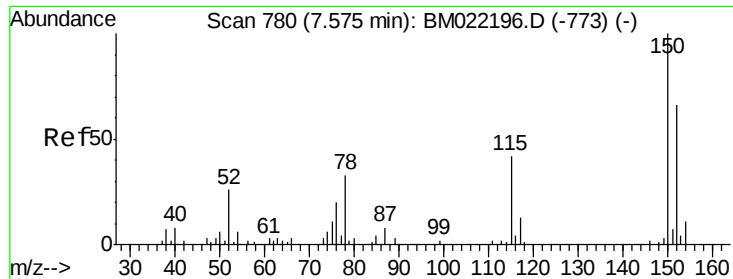
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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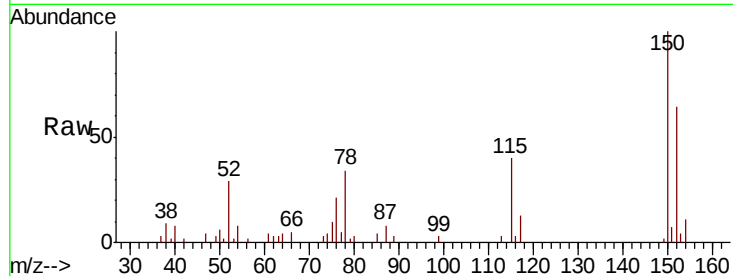


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 770
Delta R.T. -0.01 min
Lab File: BM022472.D
Acq: 31 Aug 2019 15:00

Instrument :
BNA_M
ClientSampleId :
CONCRETE-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.4	188.0
115	62.3	50.3	75.5

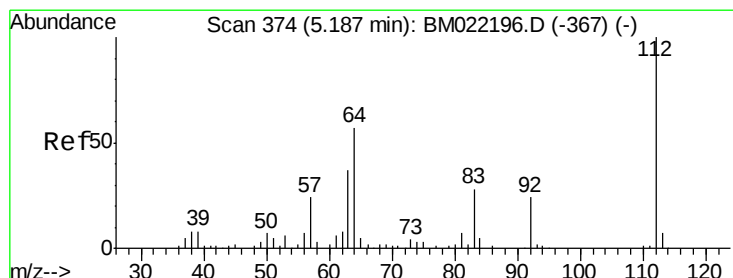
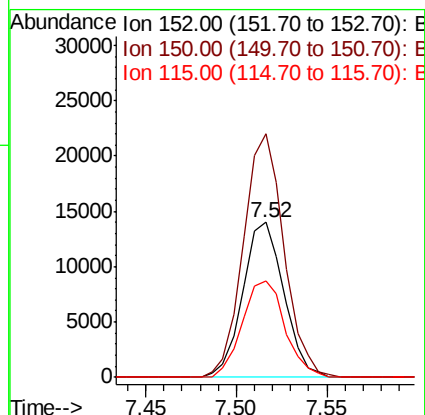
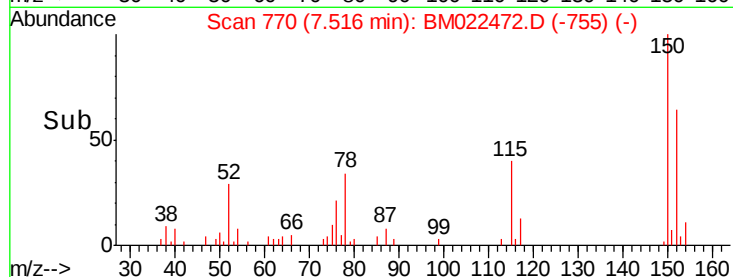


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

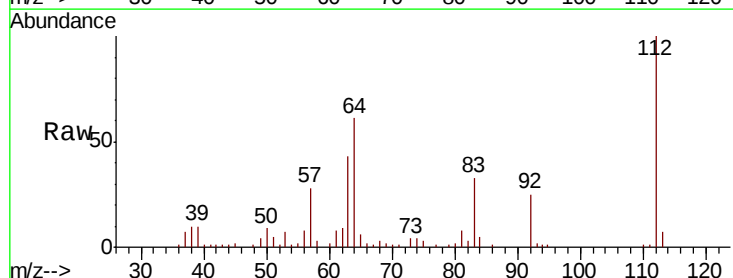
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.327 ng
RT: 5.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: BM022472.D
Acq: 31 Aug 2019 15:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	45.4	68.2
63	43.1	34.5	51.7

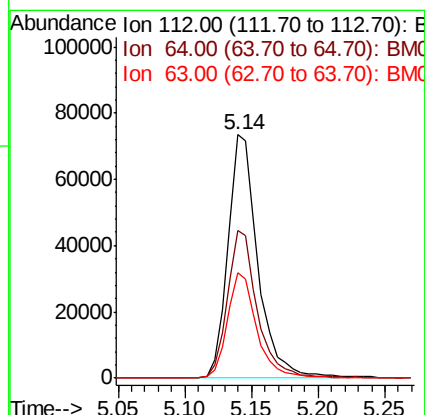
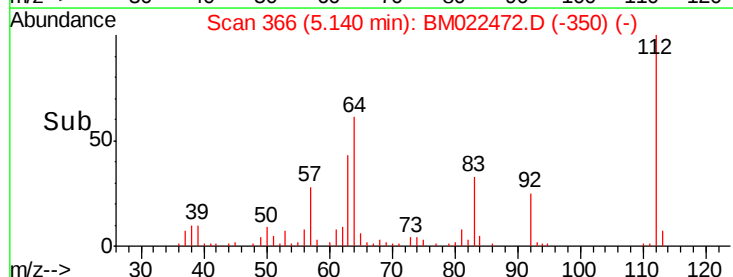


Abundance

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: 92.484 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.00 min

Lab File: BM022472.D

Acq: 31 Aug 2019 15:00

Instrument :

BNA_M

ClientSampleId :

CONCRETE-2

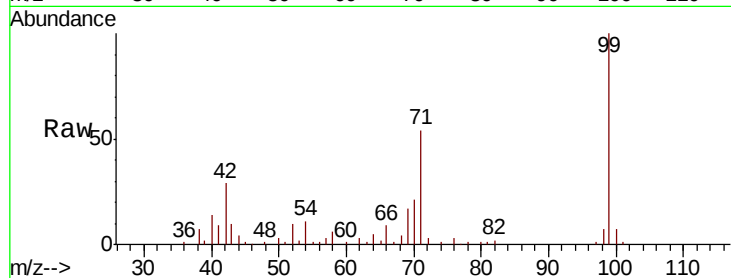
Tot Ion: 99 Resp: 154985

Ion Ratio Lower Upper

99 100

42 29.1 26.3 39.5

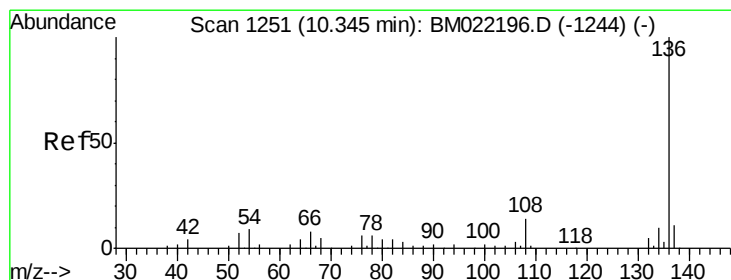
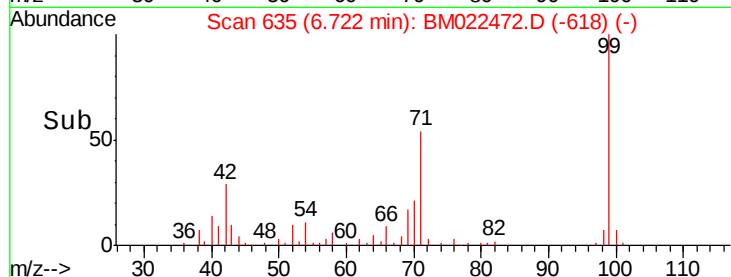
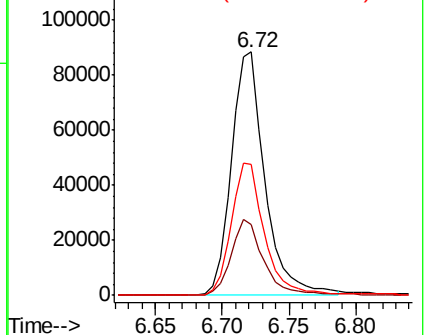
71 53.9 46.6 69.8



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# 1242

Delta R.T. -0.01 min

Lab File: BM022472.D

Acq: 31 Aug 2019 15:00

Tgt Ion: 136 Resp: 76200

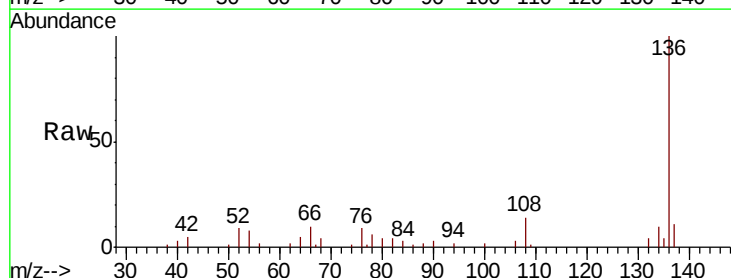
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 8.5 7.0 10.6

68 4.4 2.9 4.3#

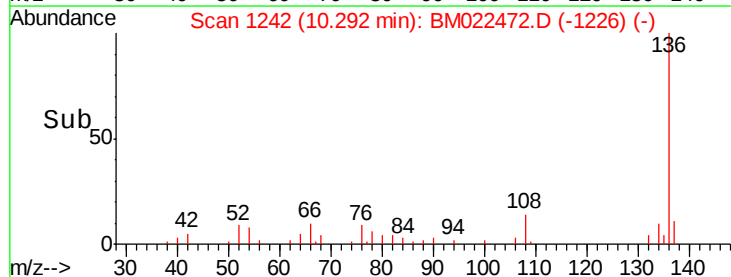
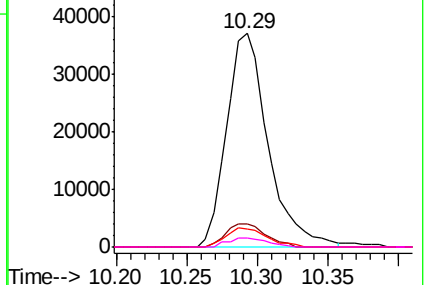


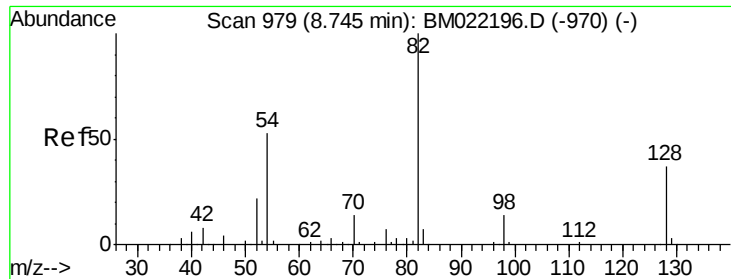
Abundance Ion 136.00 (135.70 to 136.70): BM022196.D (-1244) (-)

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) (-)

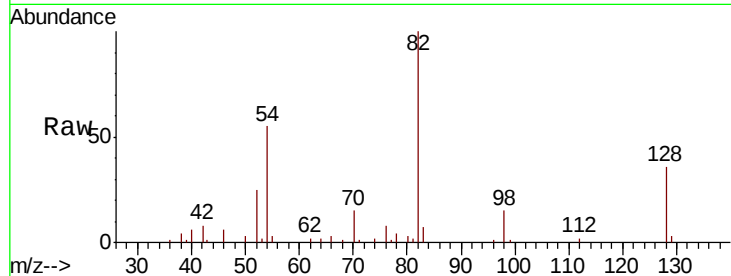




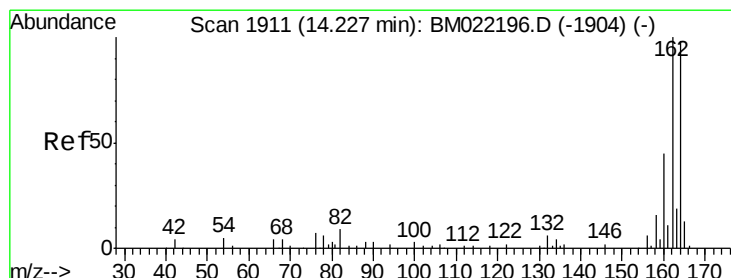
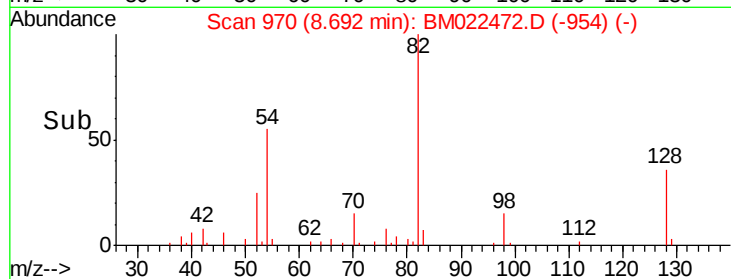
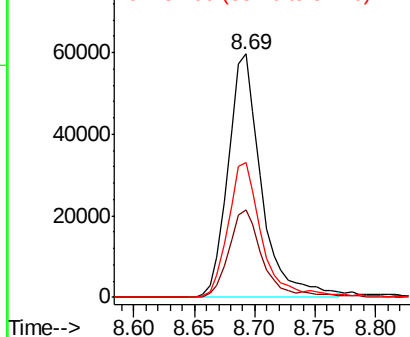
#23
 Nitrobenzene-d5
 Concen: 65.855 ng
 RT: 8.69 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BM022472.D
 Acq: 31 Aug 2019 15:00

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-2

Tot Ion	82	Resp	114569
Ion Ratio	Lower	Upper	
82	100		
128	35.9	27.9	41.9
54	55.2	45.2	67.8

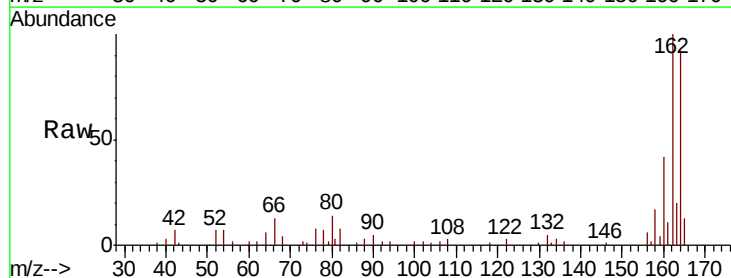


Abundance Ion 82.00 (81.70 to 82.70): BM022472.D (-954) (-)

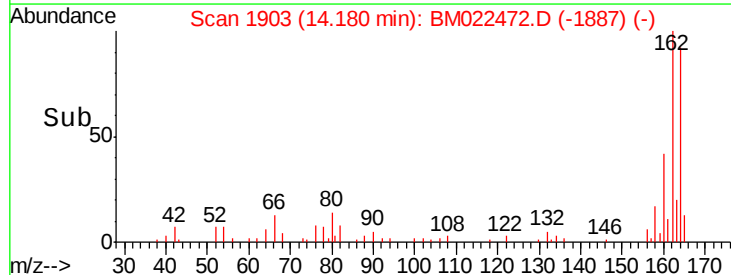
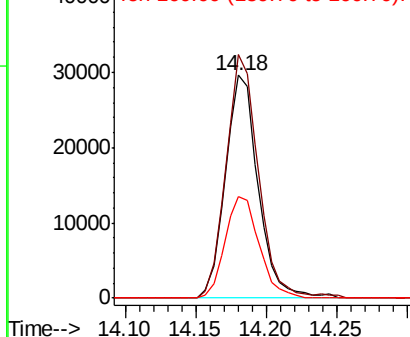


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.18 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BM022472.D
 Acq: 31 Aug 2019 15:00

Tgt Ion	164	Resp	47946
Ion Ratio	Lower	Upper	
164	100		
162	109.2	80.6	121.0
160	45.7	37.3	55.9



Abundance Ion 164.00 (163.70 to 164.70): BM022472.D (-1887) (-)

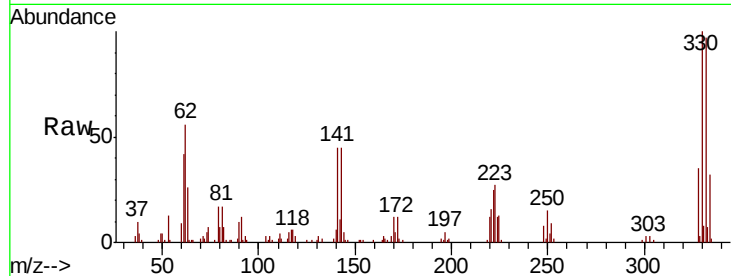




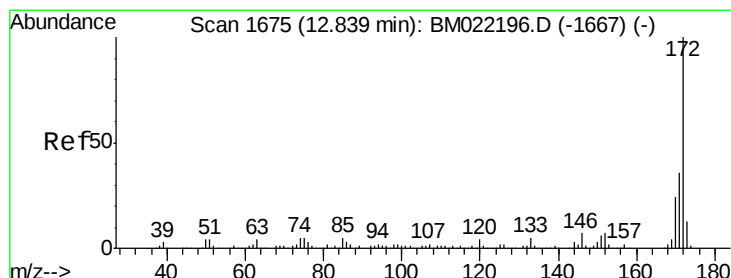
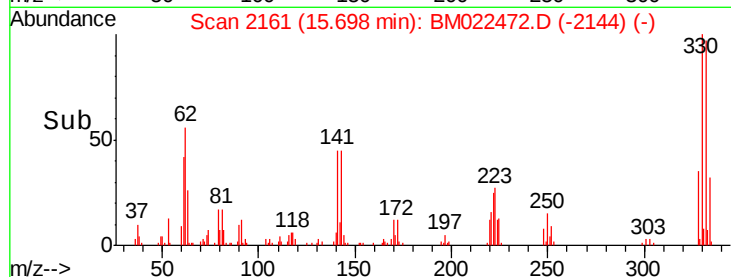
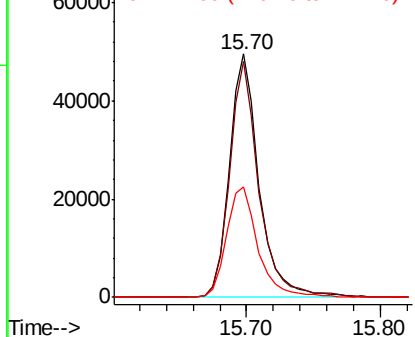
#42
 2,4,6-Tribromophenol
 Concen: 78.129 ng
 RT: 15.70 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BM022472.D
 Acq: 31 Aug 2019 15:00

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-2

Tot Ion:330 Resp: 76653
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.8 116.8
 141 48.3 35.6 53.4

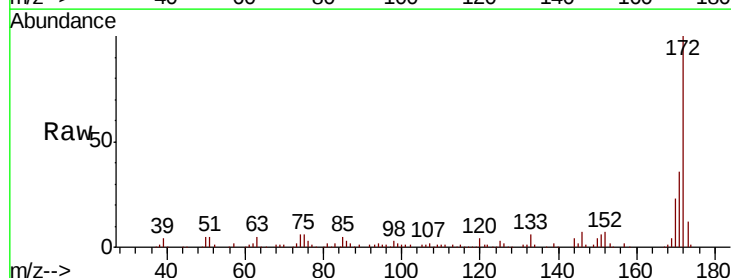


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

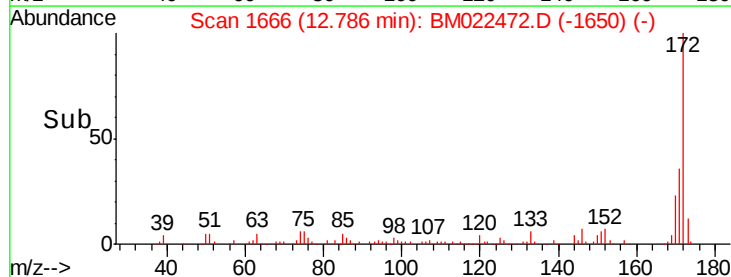
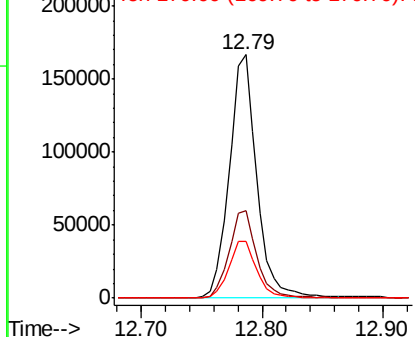


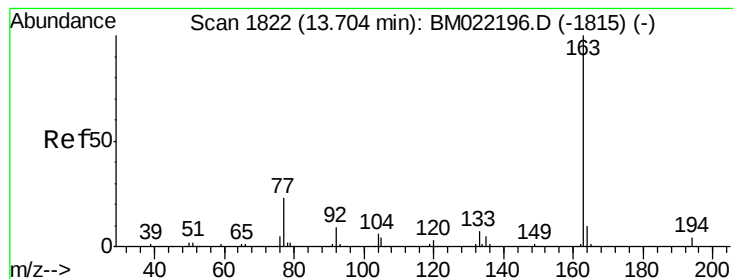
#45
 2-Fluorobiphenyl
 Concen: 62.621 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BM022472.D
 Acq: 31 Aug 2019 15:00

Tgt Ion:172 Resp: 265035
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.5 42.7
 170 23.5 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: 6.257 ng

RT: 13.66 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BM022472.D

Acq: 31 Aug 2019 15:00

Instrument :

BNA_M

ClientSampleId :

CONCRETE-2

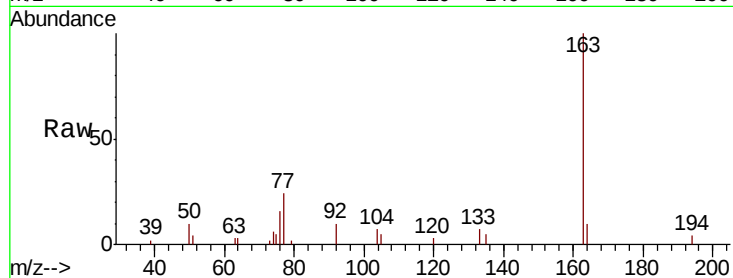
Tot Ion:163 Resp: 26091

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

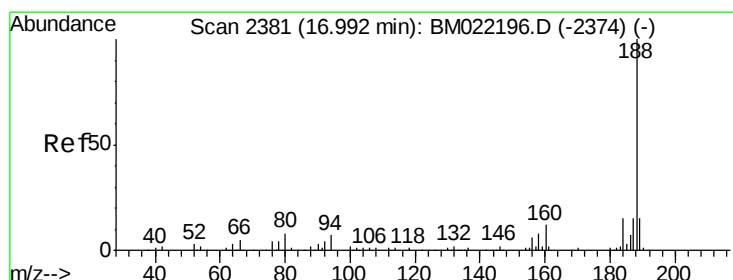
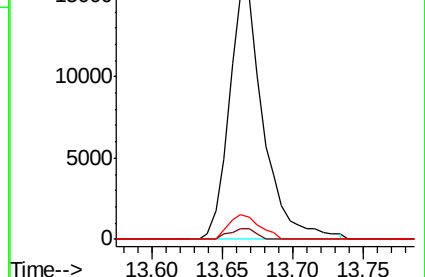
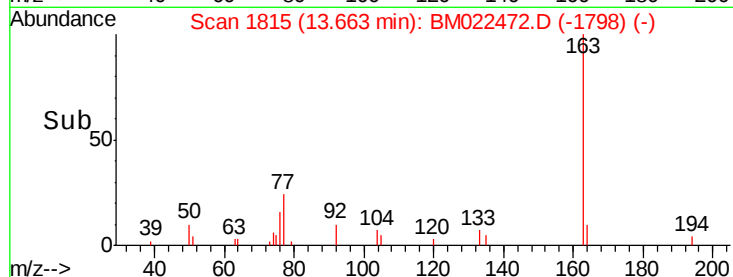
164 10.1 8.2 12.2



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: BM022472.D

Acq: 31 Aug 2019 15:00

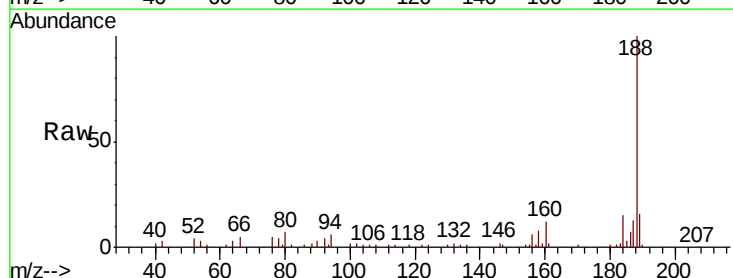
Tgt Ion:188 Resp: 111065

Ion Ratio Lower Upper

188 100

94 6.0 4.4 6.6

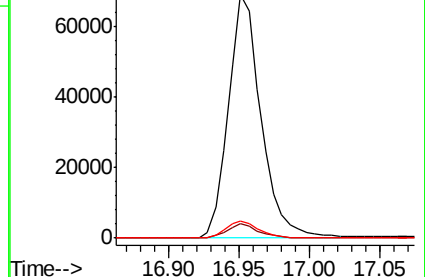
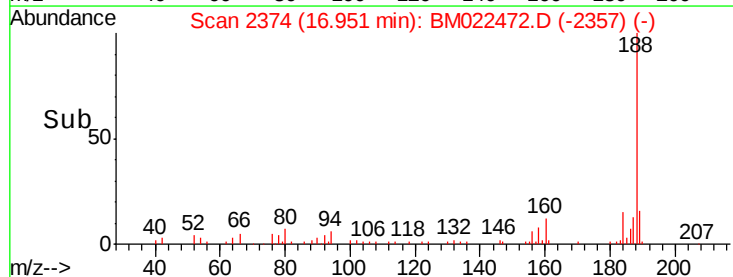
80 7.1 5.0 7.6

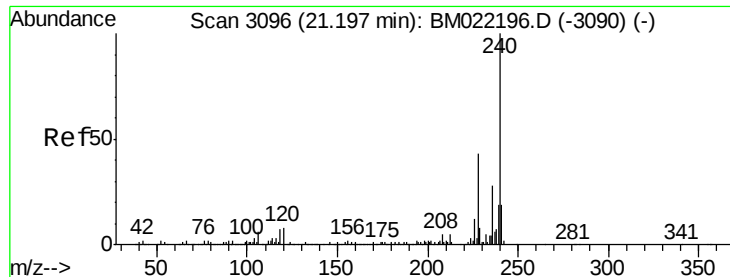


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

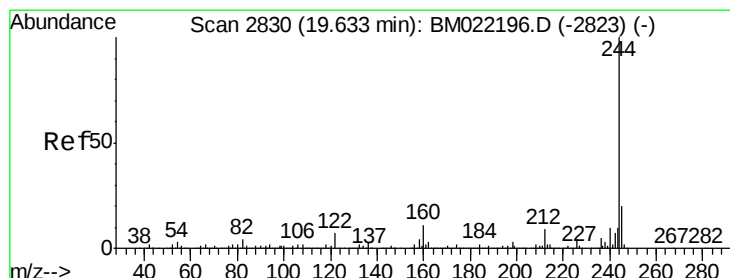
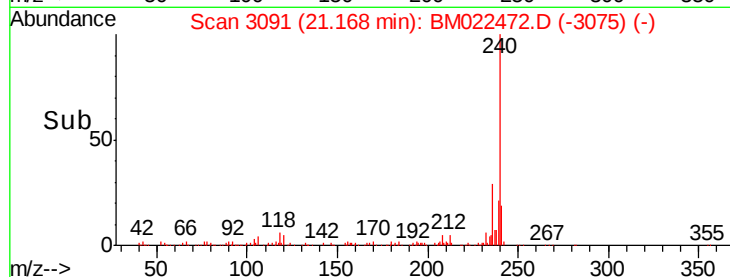
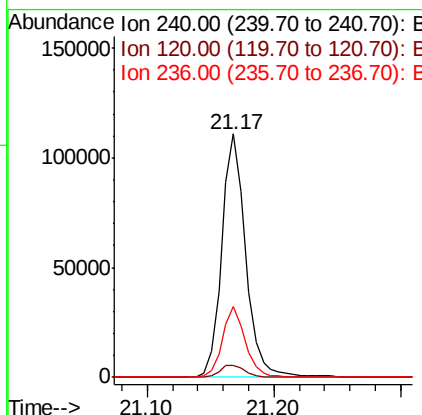
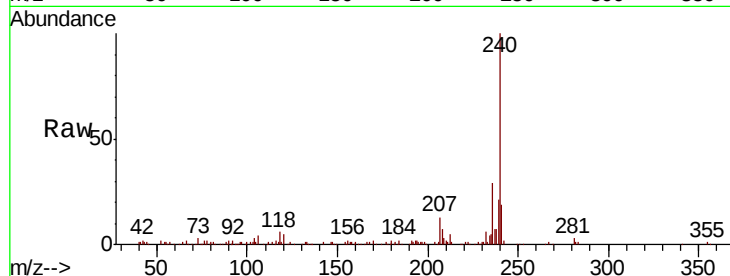




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM022472.D
Acq: 31 Aug 2019 15:00

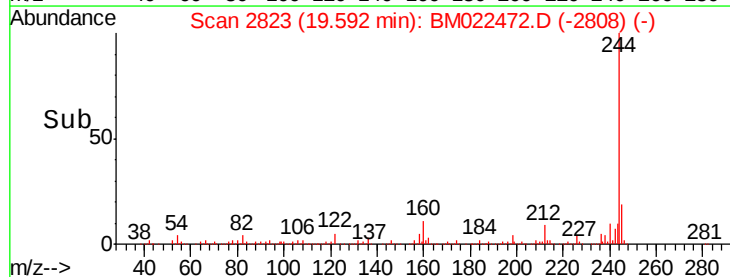
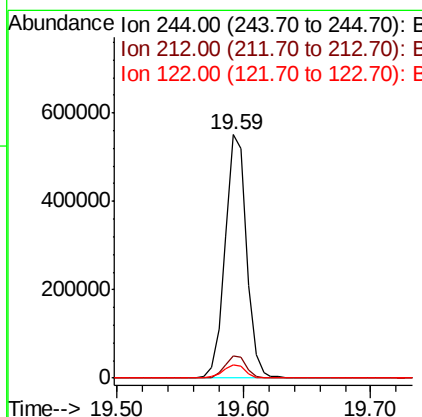
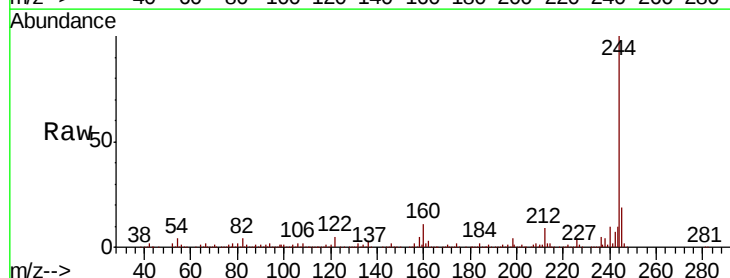
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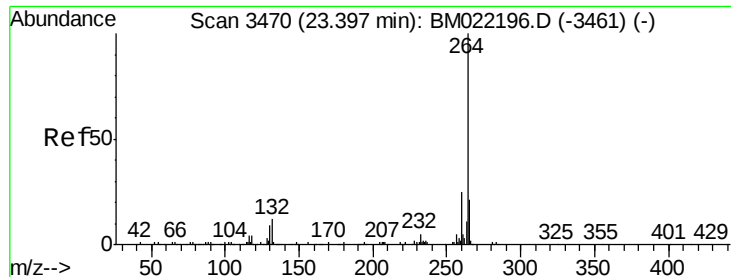
Tot Ion:240 Resp: 145659
Ion Ratio Lower Upper
240 100
120 5.0 3.9 5.9
236 29.0 21.4 32.2



#79
Terphenyl-d14
Concen: 58.148 ng
RT: 19.59 min Scan# 2823
Delta R.T. -0.01 min
Lab File: BM022472.D
Acq: 31 Aug 2019 15:00

Tgt Ion:244 Resp: 641767
Ion Ratio Lower Upper
244 100
212 9.1 7.0 10.4
122 5.5 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: BM022472.D
Acq: 31 Aug 2019 15:00

Instrument :
BNA_M
ClientSampleId :
CONCRETE-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.2	30.2
265	20.7	18.2	27.2

