

Data File : BM022218.D
Acq On : 20 Aug 2019 18:40
Operator : HP/JU
Sample : K4402-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FRAC-TANK-MUD

Quant Time: Aug 20 23:28:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 02:18:05 2019
Response via : Initial Calibration

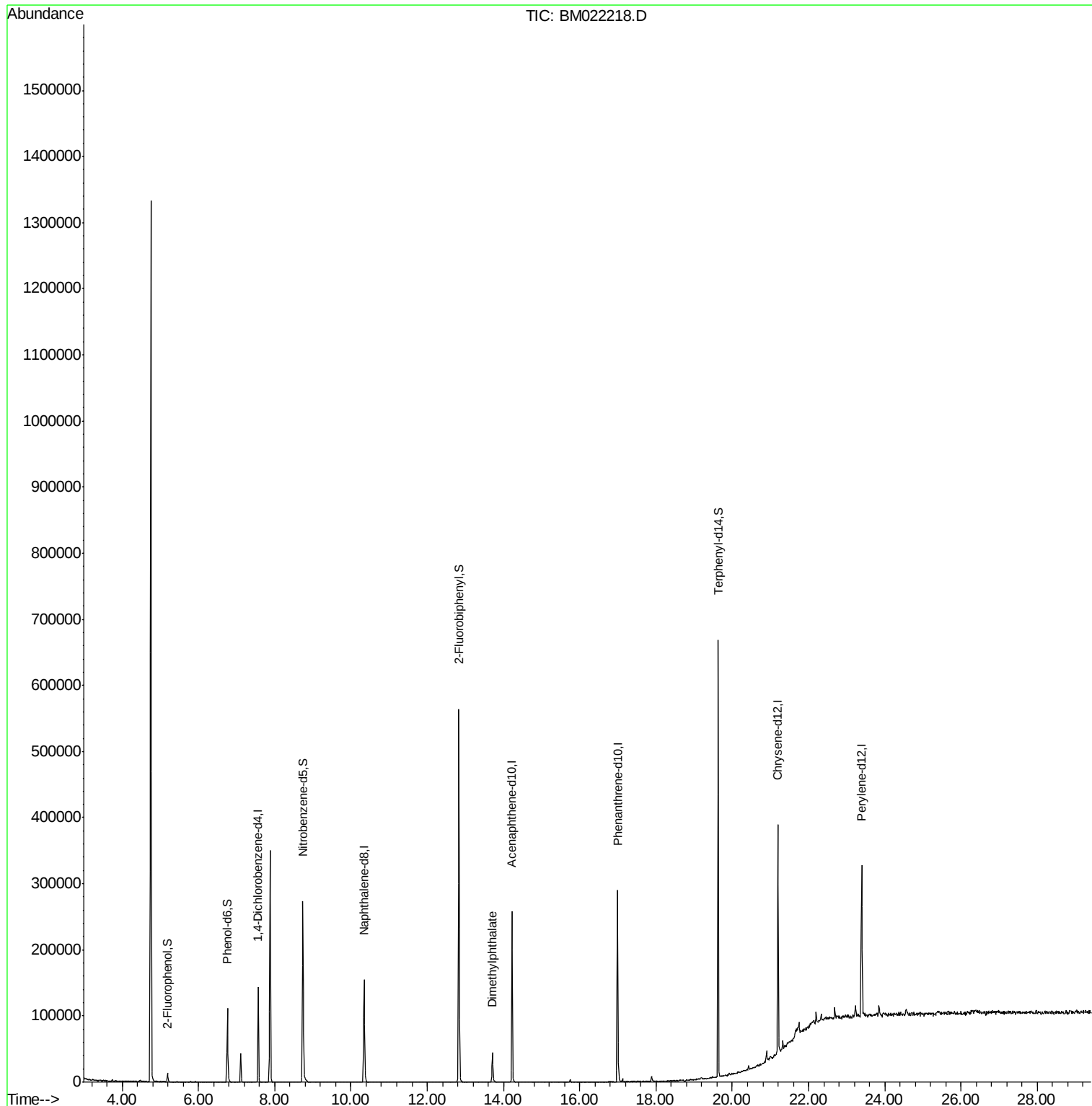
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	33181	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	129444	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	87257	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	176397	20.00	ng	0.00
76) Chrysene-d12	21.20	240	155504	20.00	ng	0.00
87) Perylene-d12	23.39	264	169076	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	5897	3.17	ng	0.00
7) Phenol-d6	6.76	99	56318	22.71	ng	0.00
23) Nitrobenzene-d5	8.74	82	157904	59.33	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	1475	1.04	ng	0.02
45) 2-Fluorobiphenyl	12.83	172	262435	37.56	ng	0.00
79) Terphenyl-d14	19.63	244	271411	25.43	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.71	163	37841	5.158	ng	Qvalue 99

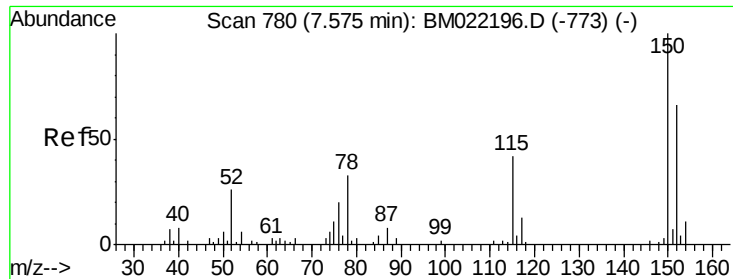
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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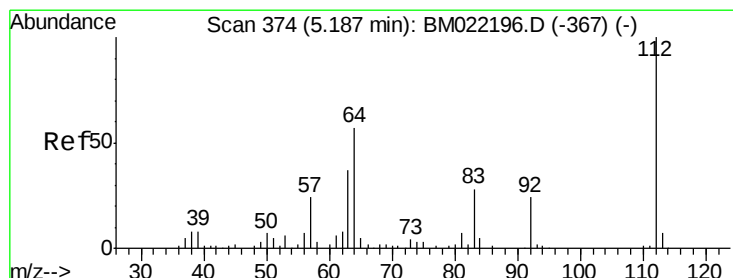
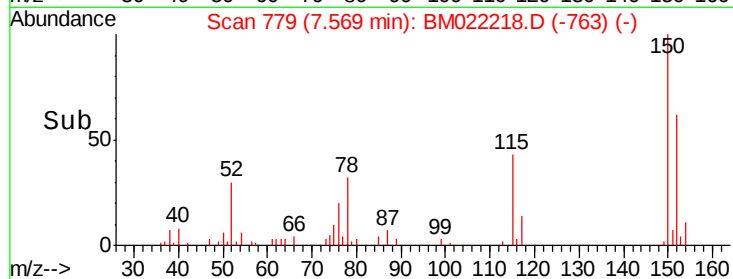
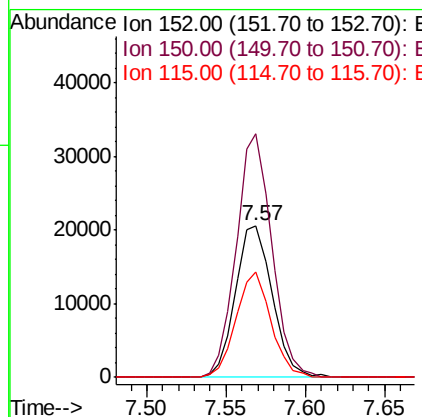
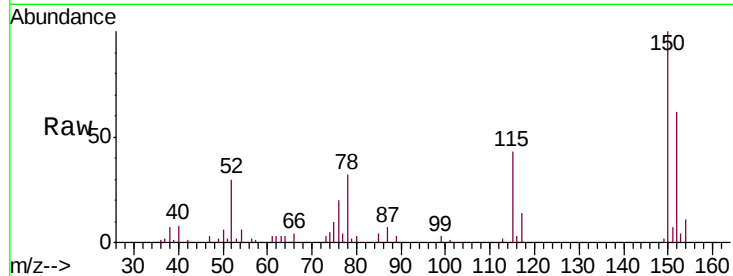




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.57 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BM022218.D
 Acq: 20 Aug 2019 18:40

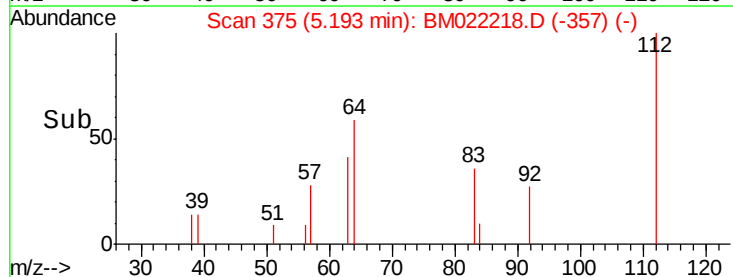
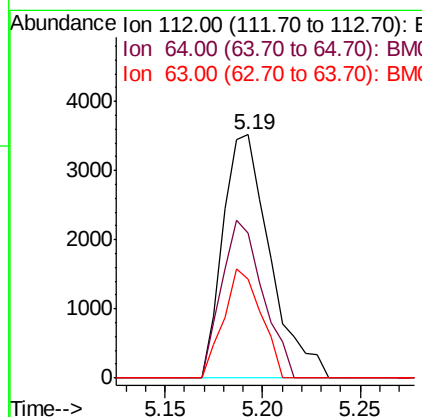
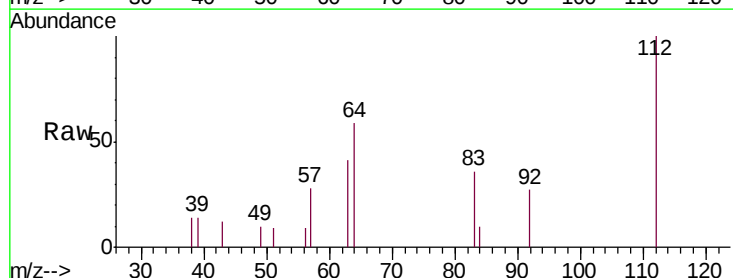
Instrument :
 BNA_M
 ClientSampleId :
 FRAC-TANK-MUD

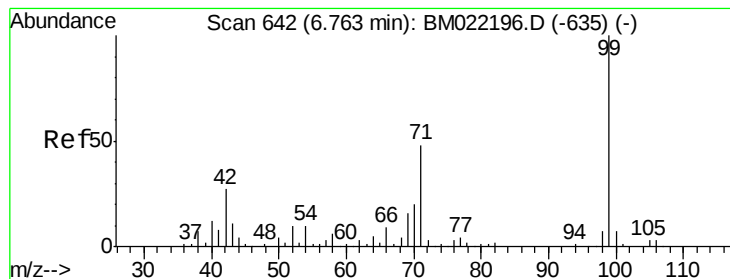
Tgt Ion:152 Resp: 33181
 Ion Ratio Lower Upper
 152 100
 150 160.6 123.1 184.7
 115 69.7 44.2 66.4#



#5
 2-Fluorophenol
 Concen: 3.167 ng
 RT: 5.19 min Scan# 375
 Delta R.T. 0.01 min
 Lab File: BM022218.D
 Acq: 20 Aug 2019 18:40

Tgt Ion:112 Resp: 5897
 Ion Ratio Lower Upper
 112 100
 64 59.3 45.2 67.8
 63 40.7 23.5 35.3#





#7

Phenol-d6

Concen: 22.712 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM022218.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_M

ClientSampleId :

FRAC-TANK-MUD

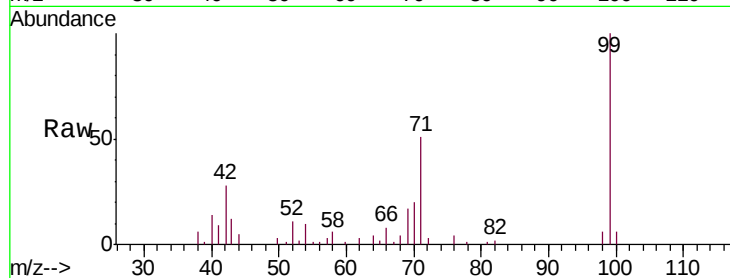
Tgt Ion: 99 Resp: 56318

Ion Ratio Lower Upper

99 100

42 28.2 13.5 20.3#

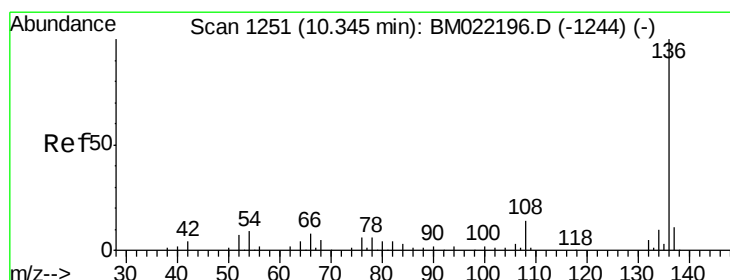
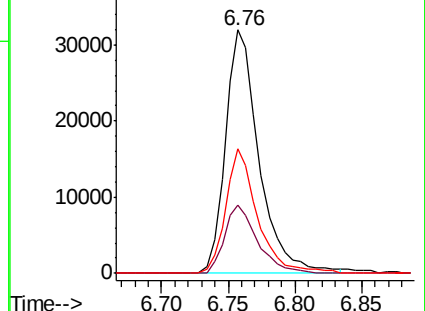
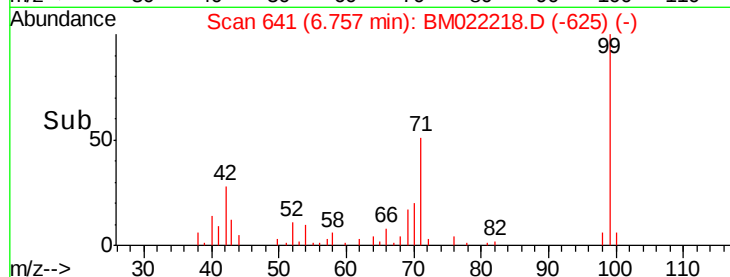
71 51.3 29.3 43.9#



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: 10.35 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BM022218.D

Acq: 20 Aug 2019 18:40

Tgt Ion: 136 Resp: 129444

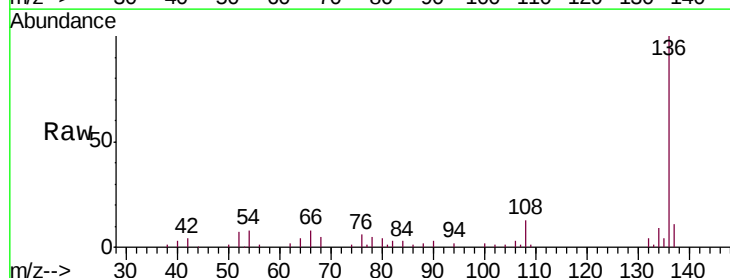
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 7.8 5.3 7.9

68 4.7 4.4 6.6

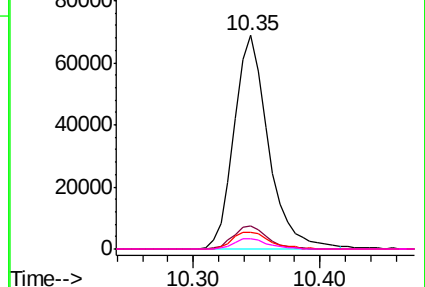
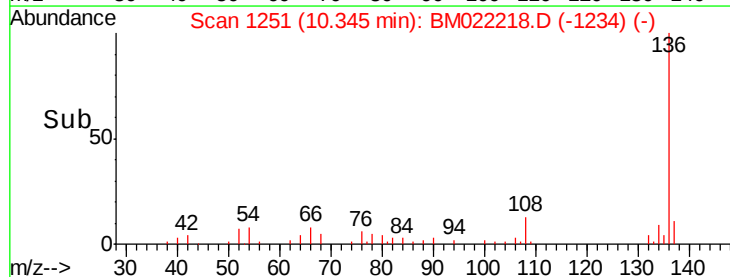


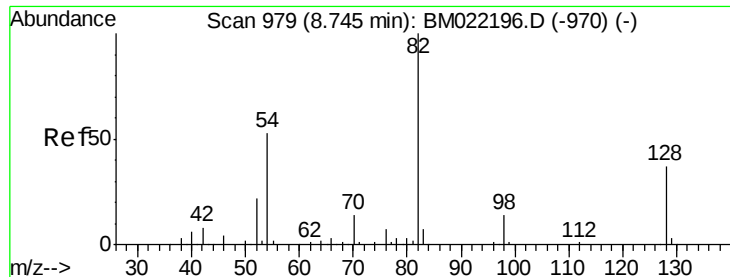
Abundance Ion 136.00 (135.70 to 136.70): BM022196.D (-1244) (-)

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) (-)

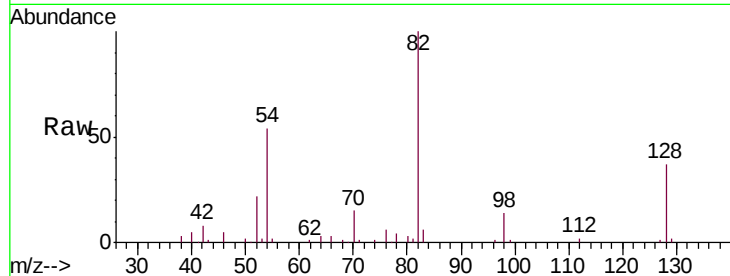




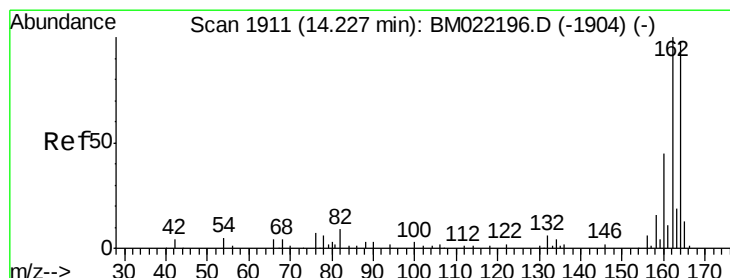
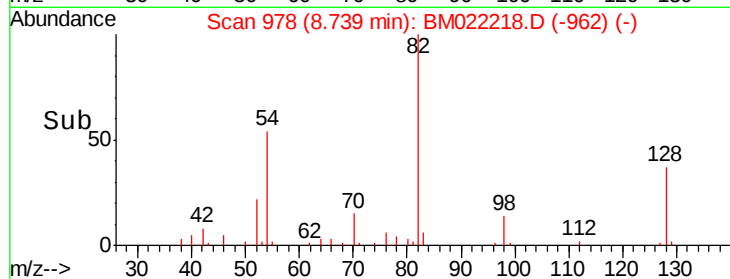
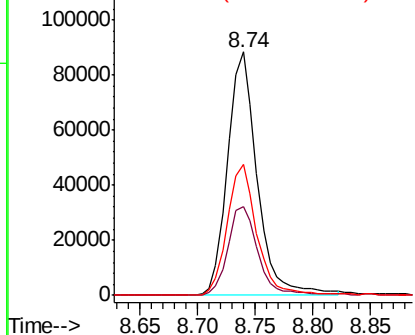
#23
 Nitrobenzene-d5
 Concen: 59.330 ng
 RT: 8.74 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BM022218.D
 Acq: 20 Aug 2019 18:40

Instrument :
 BNA_M
 ClientSampleId :
 FRAC-TANK-MUD

Tgt Ion: 82 Resp: 157904
 Ion Ratio Lower Upper
 82 100
 128 36.6 35.9 53.9
 54 53.9 36.6 55.0

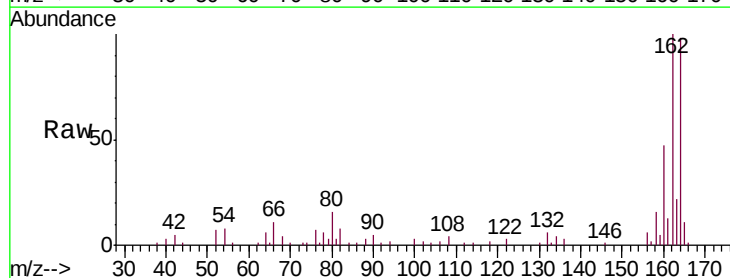


Abundance Ion 82.00 (81.70 to 82.70): BM022196.D (-970) (-)
 Ion 128.00 (127.70 to 128.70): BM022196.D (-970) (-)
 Ion 54.00 (53.70 to 54.70): BM022196.D (-970) (-)

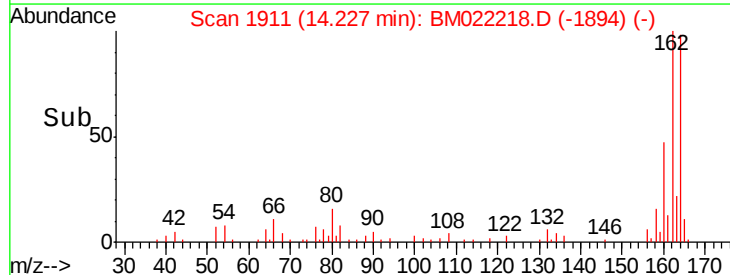
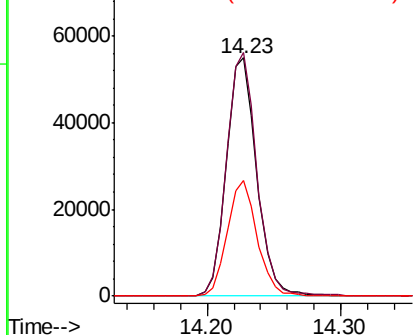


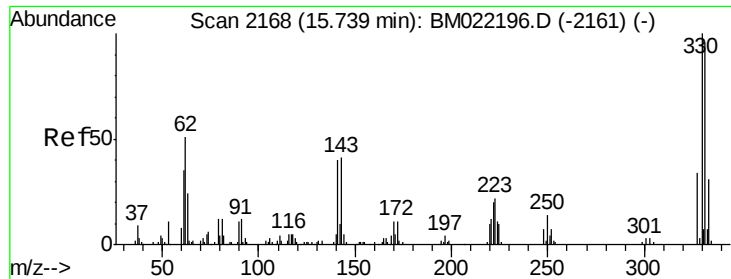
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. 0.00 min
 Lab File: BM022218.D
 Acq: 20 Aug 2019 18:40

Tgt Ion: 164 Resp: 87257
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.1 123.1
 160 48.6 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): BM022196.D (-1904) (-)
 Ion 162.00 (161.70 to 162.70): BM022196.D (-1904) (-)
 Ion 160.00 (159.70 to 160.70): BM022196.D (-1904) (-)

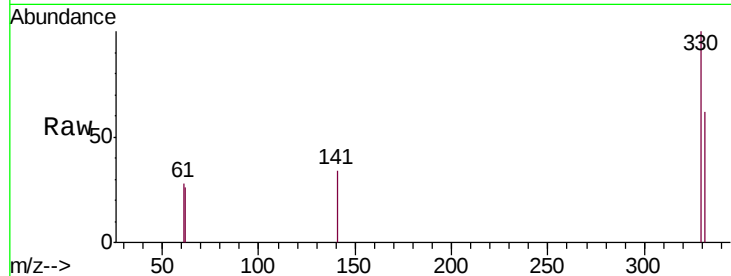




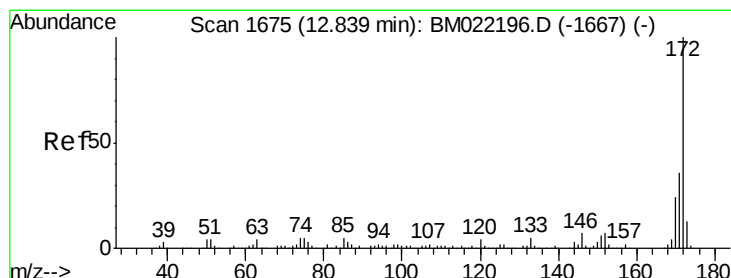
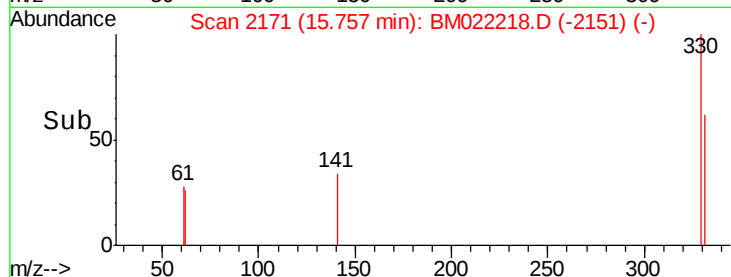
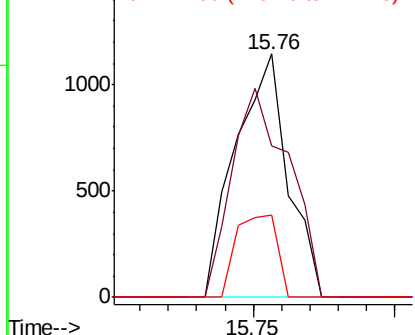
#42
 2,4,6-Tribromophenol
 Concen: 1.044 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. 0.02 min
 Lab File: BM022218.D
 Acq: 20 Aug 2019 18:40

Instrument :
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 ClientSampleId :
 FRAC-TANK-MUD

Tgt Ion: 330 Resp: 1475
 Ion Ratio Lower Upper
 330 100
 332 93.4 77.1 115.7
 141 26.2 21.8 32.8

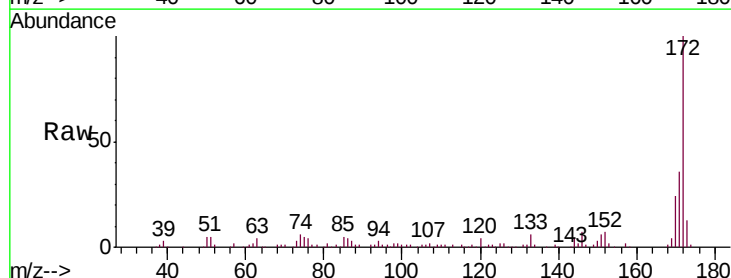


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

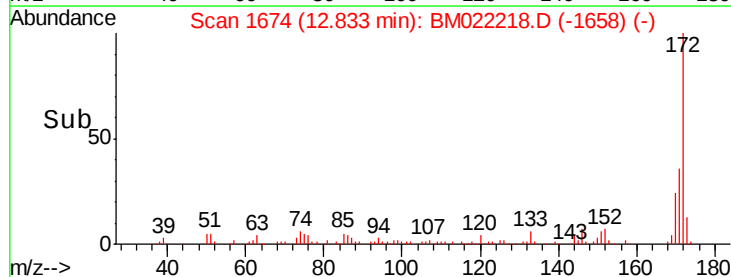
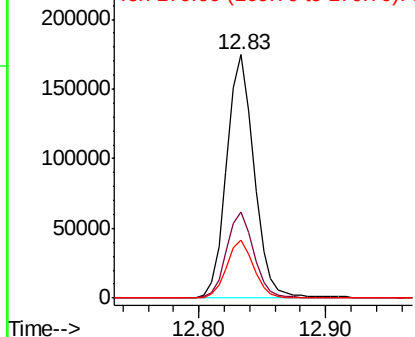


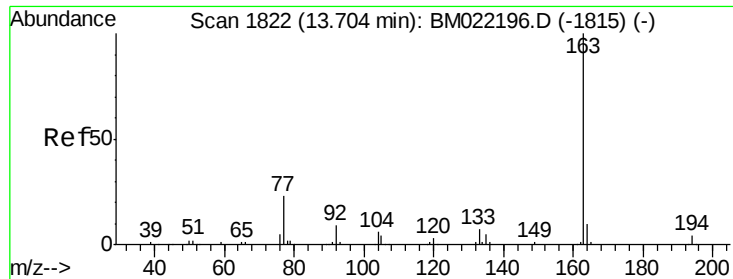
#45
 2-Fluorobiphenyl
 Concen: 37.565 ng
 RT: 12.83 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BM022218.D
 Acq: 20 Aug 2019 18:40

Tgt Ion: 172 Resp: 262435
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 23.9 18.7 28.1



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: 5.158 ng

RT: 13.71 min Scan# 1823

Delta R.T. 0.01 min

Lab File: BM022218.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_M

ClientSampleId :

FRAC-TANK-MUD

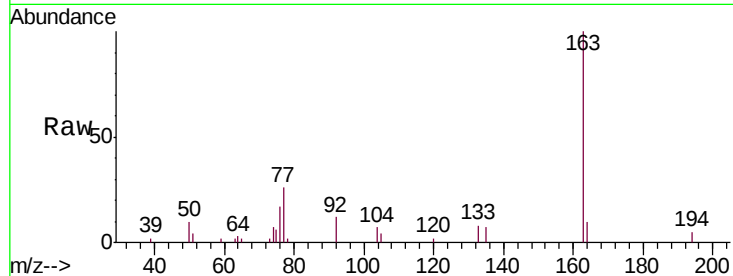
Tgt Ion:163 Resp: 37841

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

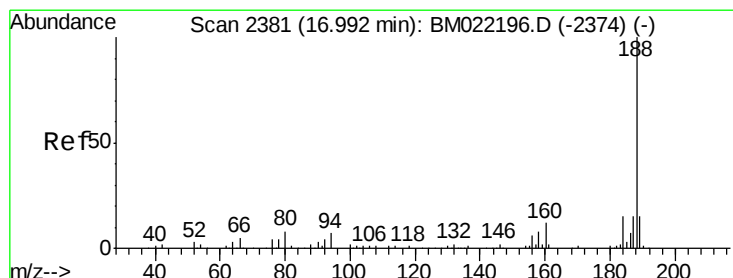
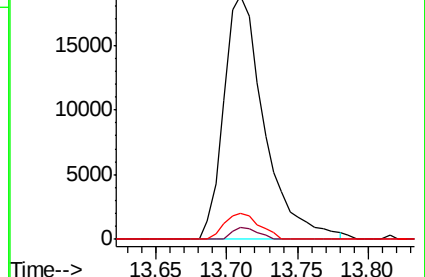
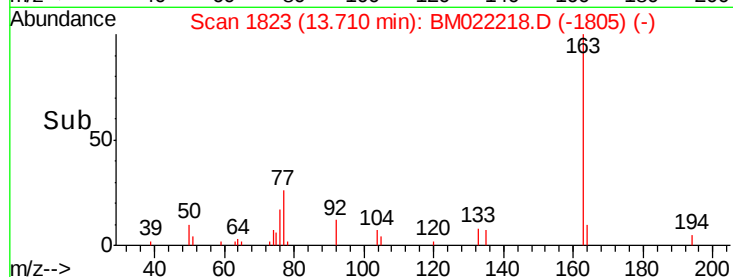
164 10.4 8.2 12.2



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: 16.99 min Scan# 2381

Delta R.T. 0.00 min

Lab File: BM022218.D

Acq: 20 Aug 2019 18:40

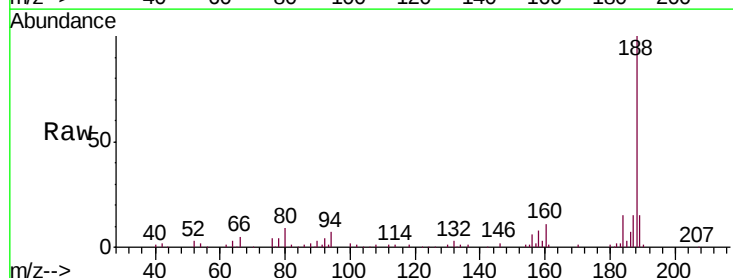
Tgt Ion:188 Resp: 176397

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

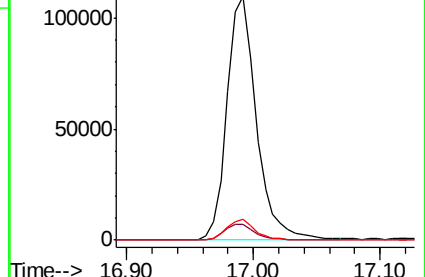
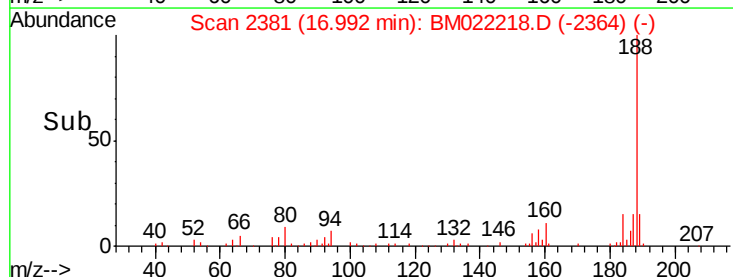
80 8.8 6.9 10.3

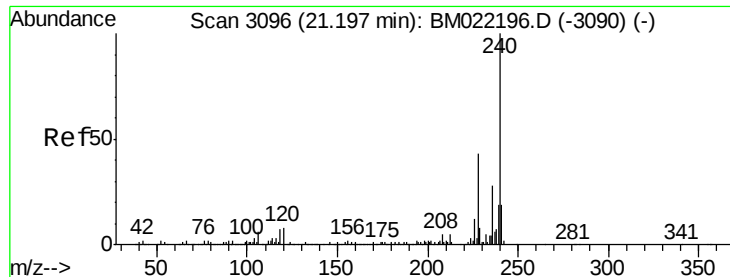


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

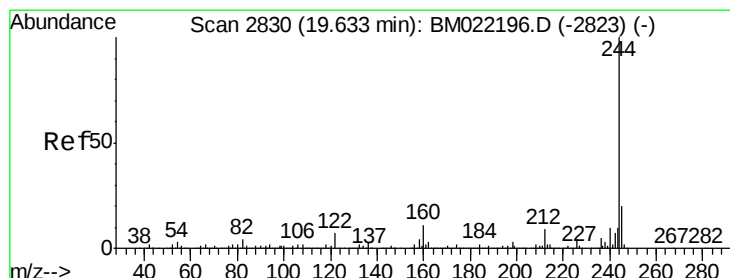
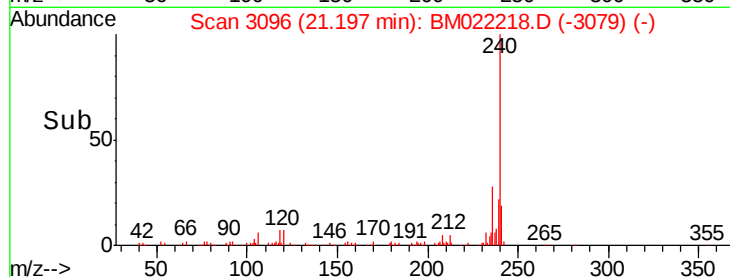
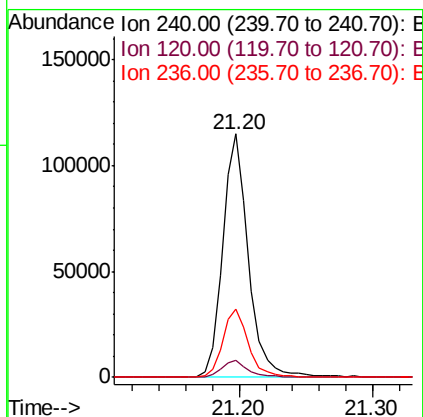
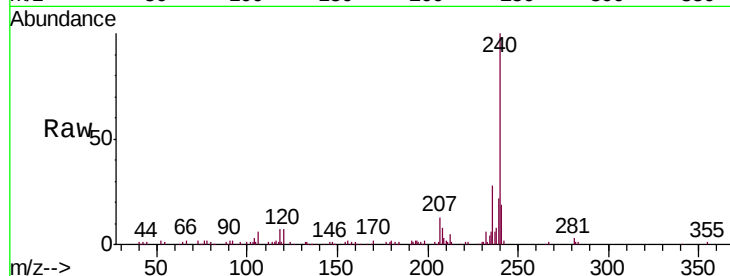




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM022218.D
Acq: 20 Aug 2019 18:40

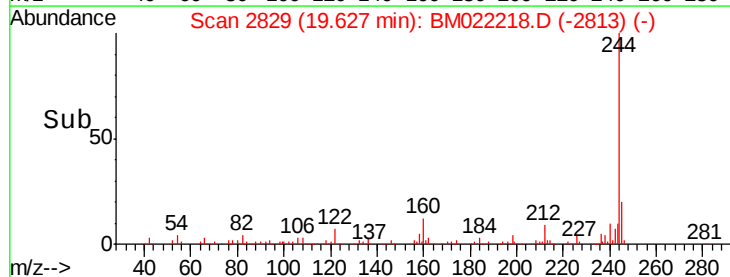
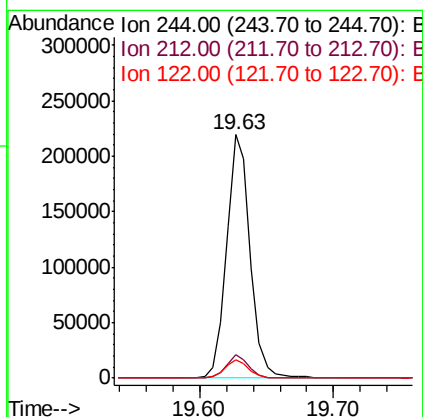
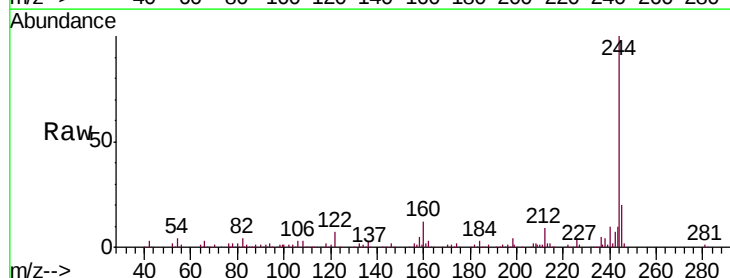
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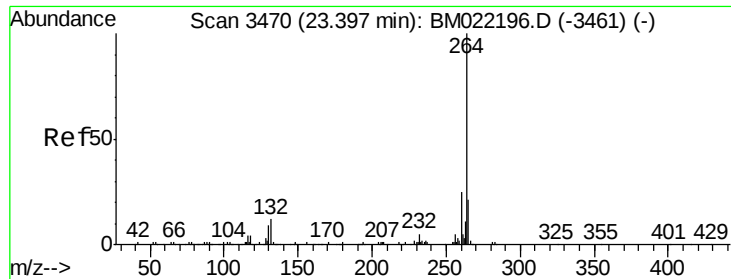
Tgt Ion:240 Resp: 155504
Ion Ratio Lower Upper
240 100
120 6.9 6.9 10.3
236 28.1 20.4 30.6



#79
Terphenyl-d14
Concen: 25.431 ng
RT: 19.63 min Scan# 2829
Delta R.T. -0.01 min
Lab File: BM022218.D
Acq: 20 Aug 2019 18:40

Tgt Ion:244 Resp: 271411
Ion Ratio Lower Upper
244 100
212 9.5 5.3 7.9#
122 7.5 6.6 9.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.39 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM022218.D
Acq: 20 Aug 2019 18:40

Instrument :
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FRAC-TANK-MUD

Tgt Ion:	264	Resp:	169076
Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.0	28.4
265	22.2	17.7	26.5

