

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
 Data File : BM022237.D
 Acq On : 21 Aug 2019 20:02
 Operator : HP/JU
 Sample : K4402-01RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FRAC-TANK-MUDRE

Quant Time: Aug 22 03:45:21 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

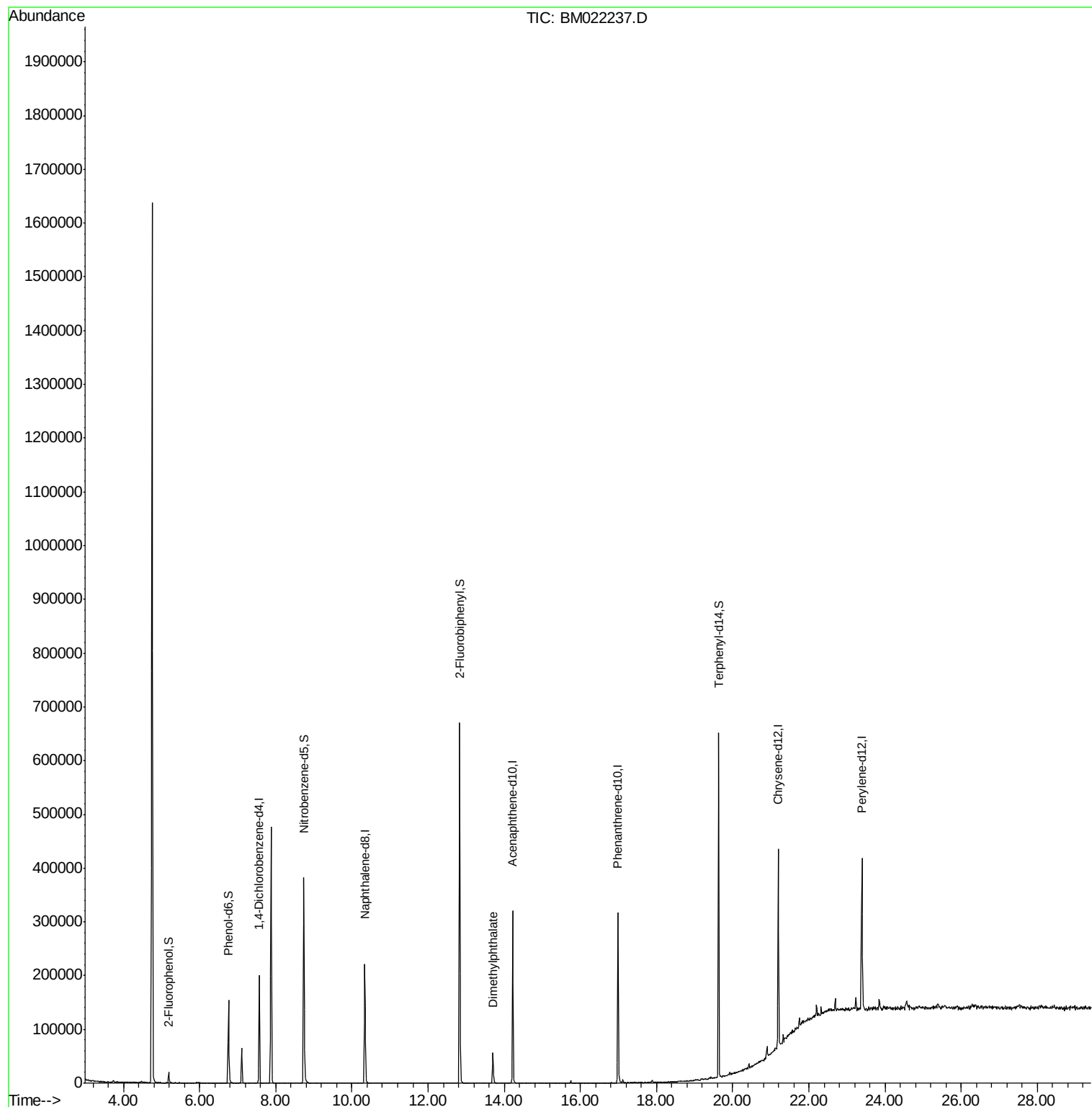
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	44368	20.00	ng	-0.01
21) Naphthalene-d8	10.34	136	174039	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	101269	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	182663	20.00	ng	0.00
76) Chrysene-d12	21.19	240	161427	20.00	ng	0.00
87) Perylene-d12	23.39	264	193272	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	8677	3.48	ng	0.00
7) Phenol-d6	6.76	99	76309	23.01	ng	0.00
23) Nitrobenzene-d5	8.73	82	211648	59.15	ng	-0.01
42) 2,4,6-Tribromophenol	15.75	330	1537	0.94	ng	0.01
45) 2-Fluorobiphenyl	12.83	172	324688	40.05	ng	-0.01
79) Terphenyl-d14	19.63	244	260489	23.51	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.70	163	44654	5.245	ng	Qvalue # 99

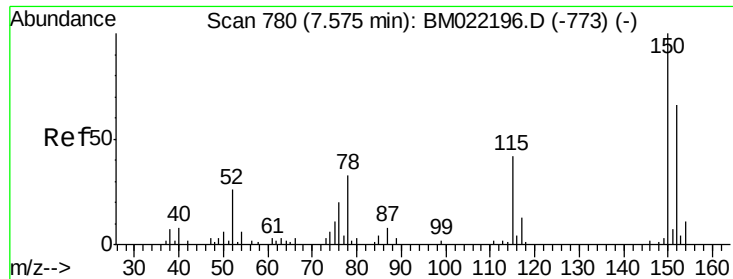
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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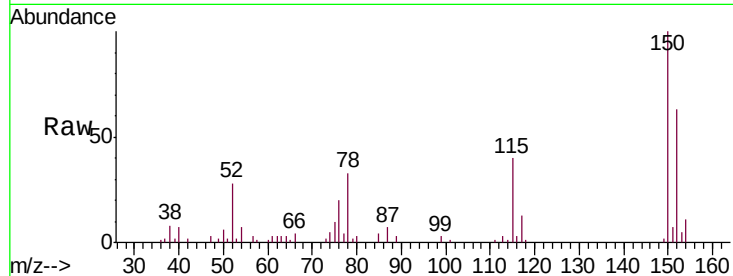


#1

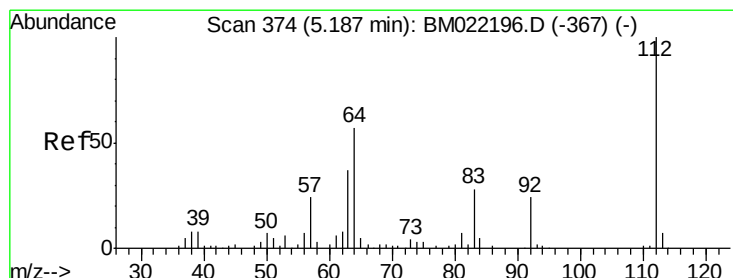
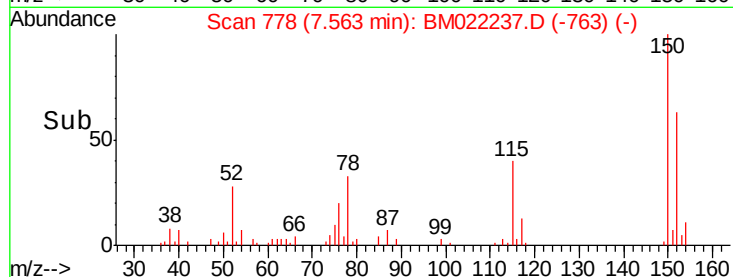
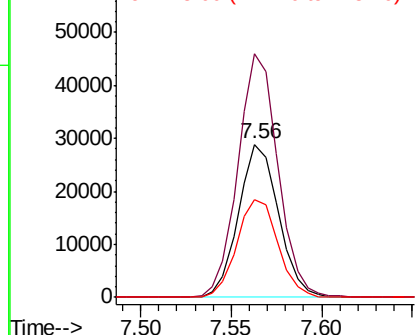
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.01 min
Lab File: BM022237.D
Acq: 21 Aug 2019 20:02

Instrument :
BNA_M
ClientSampleId :
FRAC-TANK-MUDRE

Tot Ion:152 Resp: 44368
Ion Ratio Lower Upper
152 100
150 159.2 123.1 184.7
115 64.0 44.2 66.4



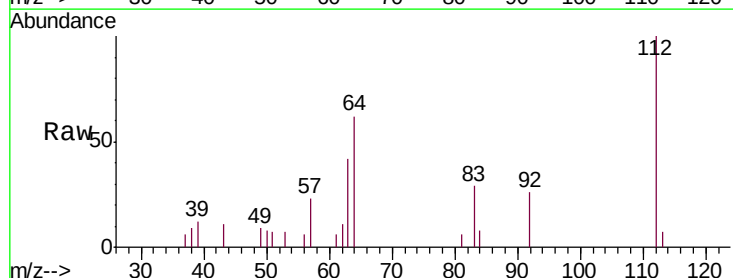
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



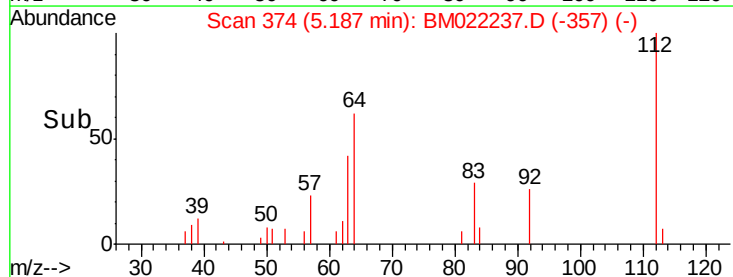
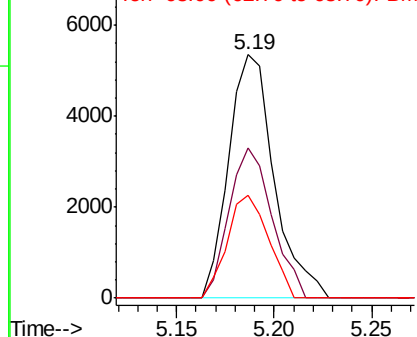
#5

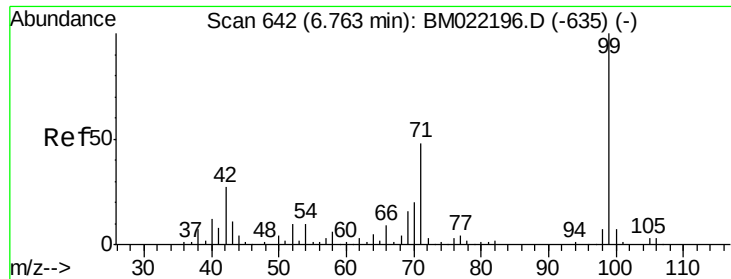
2-Fluorophenol
Concen: 3.485 ng
RT: 5.19 min Scan# 374
Delta R.T. 0.00 min
Lab File: BM022237.D
Acq: 21 Aug 2019 20:02

Tgt Ion:112 Resp: 8677
Ion Ratio Lower Upper
112 100
64 61.8 45.2 67.8
63 42.0 23.5 35.3#



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: 23.015 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM022237.D

Acq: 21 Aug 2019 20:02

Instrument :

BNA_M

ClientSampleId :

FRAC-TANK-MUDRE

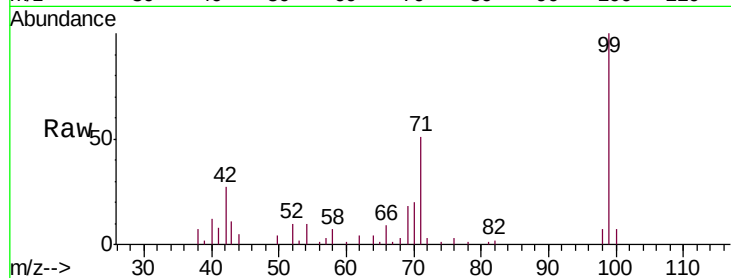
Tot Ion: 99 Resp: 76309

Ion Ratio Lower Upper

99 100

42 26.6 13.5 20.3#

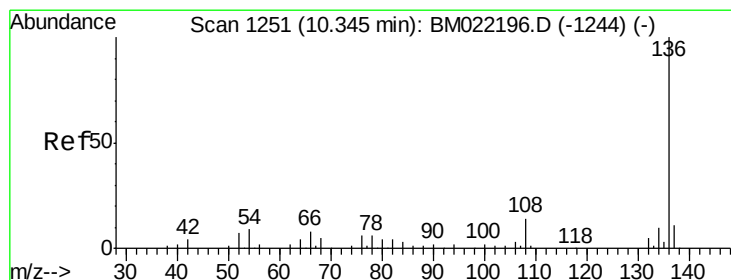
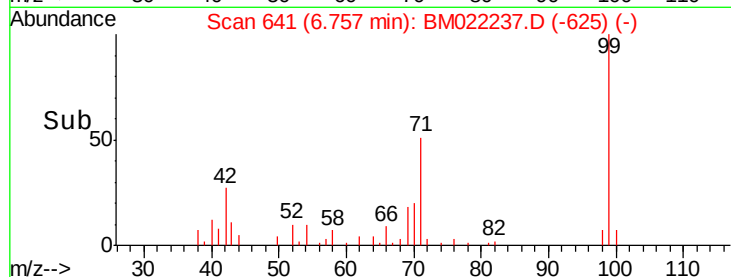
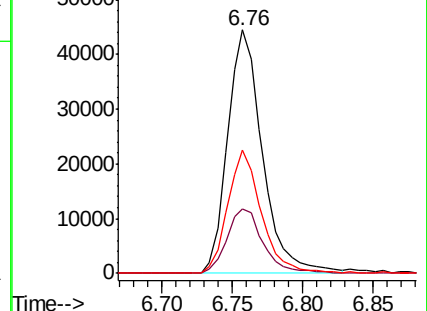
71 50.5 29.3 43.9#



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: 10.34 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BM022237.D

Acq: 21 Aug 2019 20:02

Tgt Ion: 136 Resp: 174039

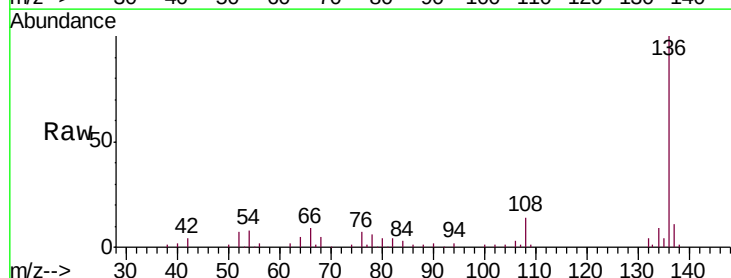
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 8.0 5.3 7.9#

68 4.7 4.4 6.6

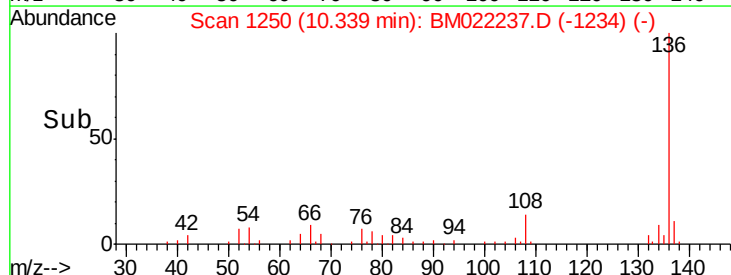
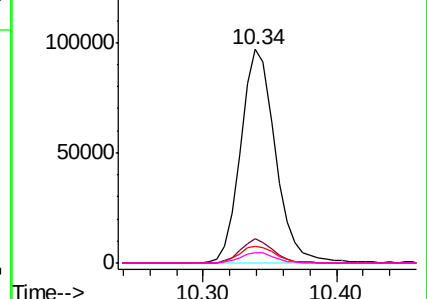


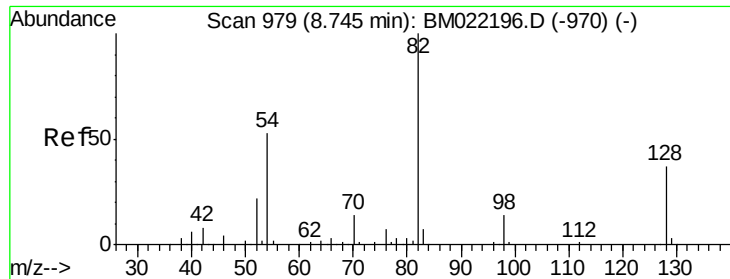
Abundance Ion 136.00 (135.70 to 136.70): BM022196.D (-1244) (-)

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) (-)

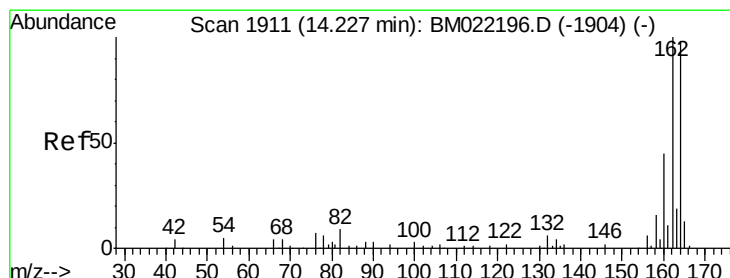
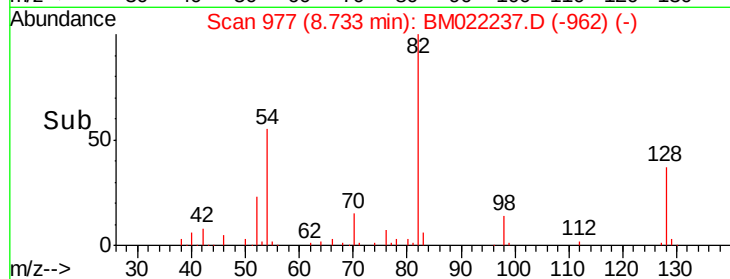
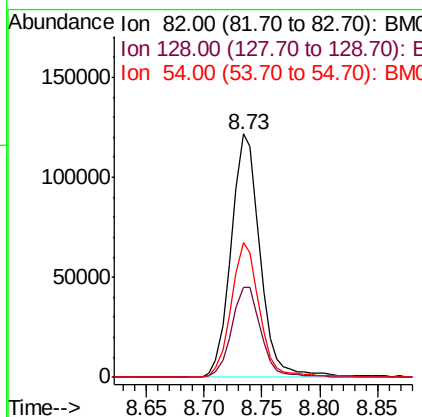
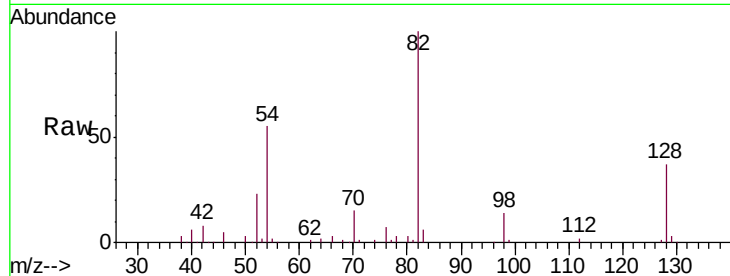




#23
Nitrobenzene-d5
Concen: 59.147 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM022237.D
Acq: 21 Aug 2019 20:02

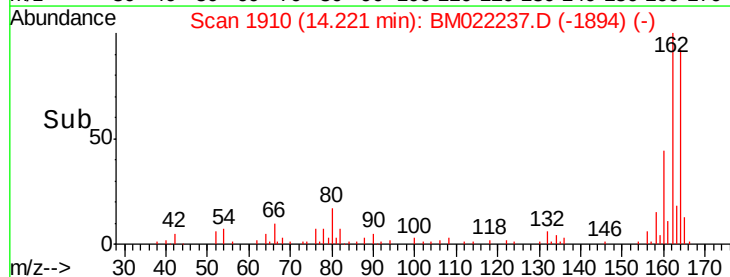
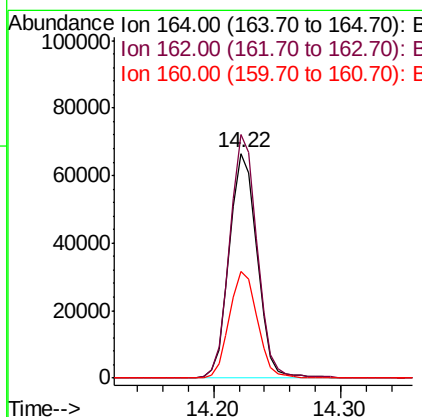
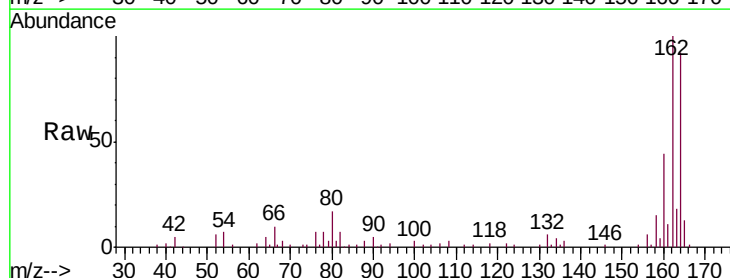
Instrument :
BNA_M
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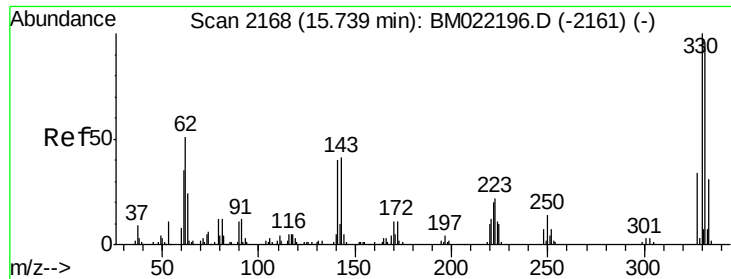
Tot Ion	82	Resp	211648
Ion Ratio	100	Lower	Upper
128	37.2	35.9	53.9
54	55.4	36.6	55.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM022237.D
Acq: 21 Aug 2019 20:02

Tgt Ion	164	Resp	101269
Ion Ratio	100	Lower	Upper
162	108.2	82.1	123.1
160	47.5	37.1	55.7





#42

2,4,6-Tribromophenol

Concen: 0.938 ng

RT: 15.75 min Scan# 2170

Delta R.T. 0.01 min

Lab File: BM022237.D

Acq: 21 Aug 2019 20:02

Instrument :

BNA_M

ClientSampleId :

FRAC-TANK-MUDRE

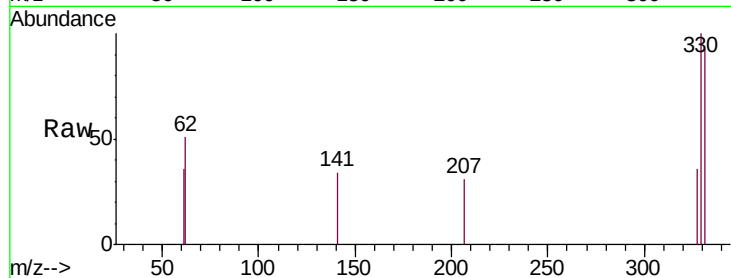
Tot Ion:330 Resp: 1537

Ion Ratio Lower Upper

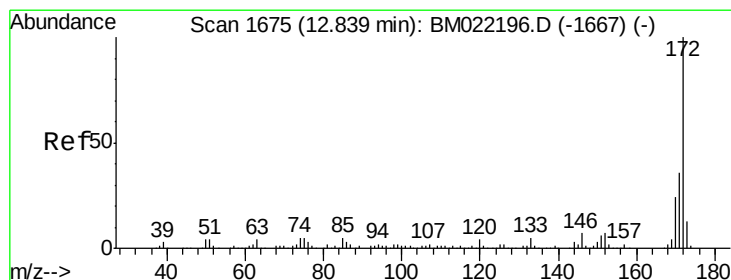
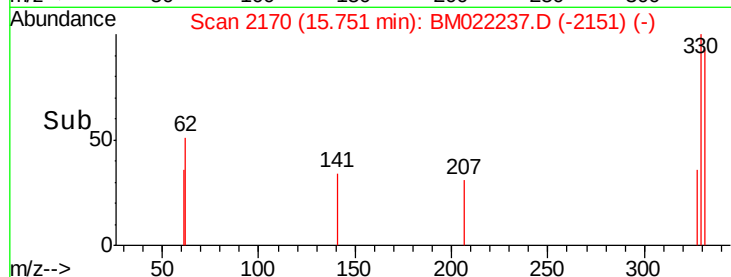
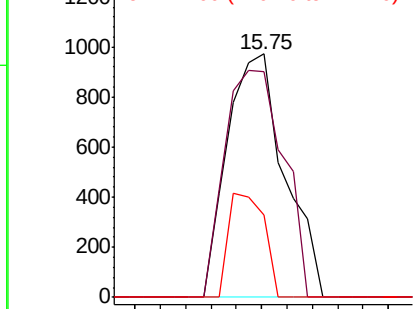
330 100

332 95.6 77.1 115.7

141 26.4 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: 40.045 ng

RT: 12.83 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BM022237.D

Acq: 21 Aug 2019 20:02

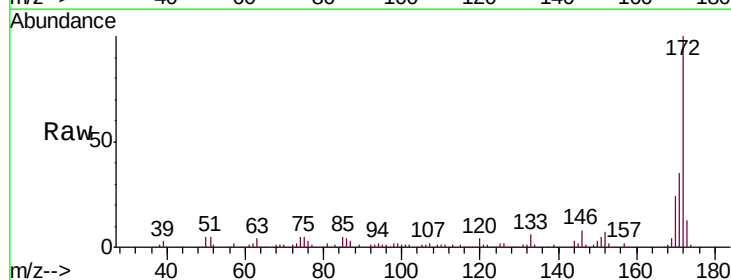
Tgt Ion:172 Resp: 324688

Ion Ratio Lower Upper

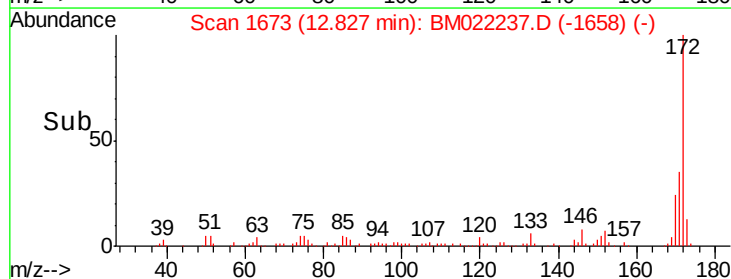
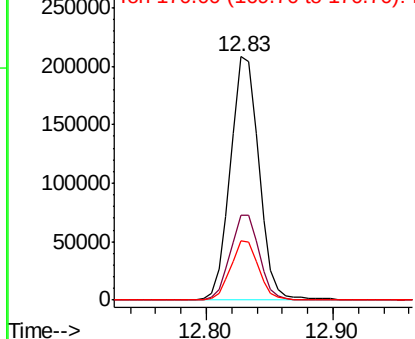
172 100

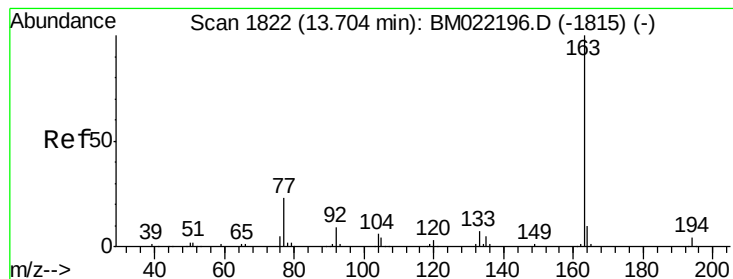
171 34.8 28.6 43.0

170 24.2 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: 5.245 ng

RT: 13.70 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BM022237.D

Acq: 21 Aug 2019 20:02

Instrument :

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ClientSampleId :

FRAC-TANK-MUDRE

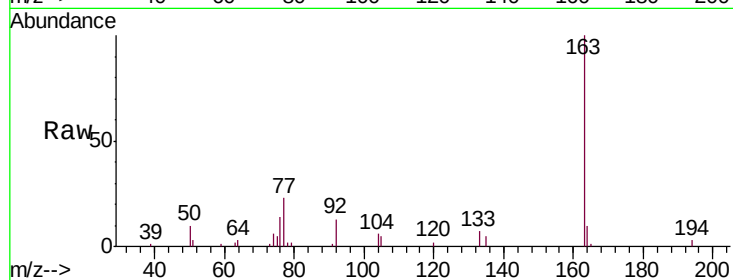
Tot Ion:163 Resp: 44654

Ion Ratio Lower Upper

163 100

194 3.4 3.4 5.2#

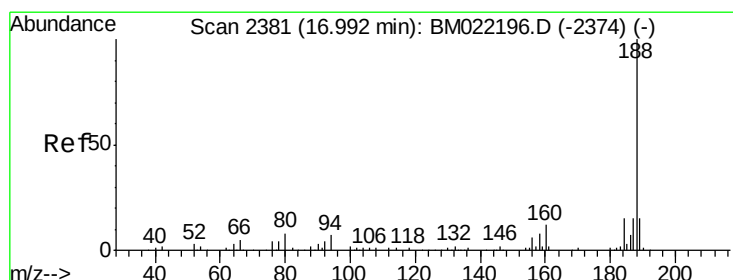
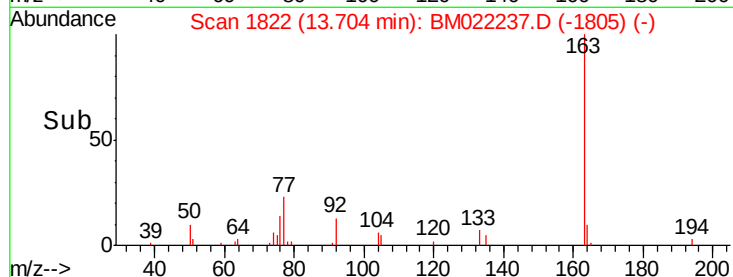
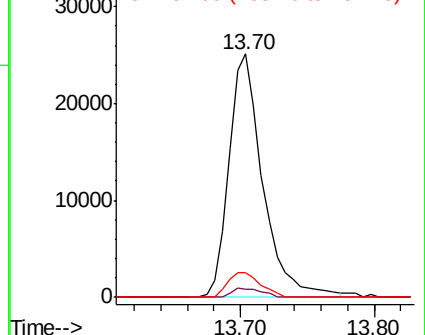
164 9.9 8.2 12.2



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# 2380

Delta R.T. -0.01 min

Lab File: BM022237.D

Acq: 21 Aug 2019 20:02

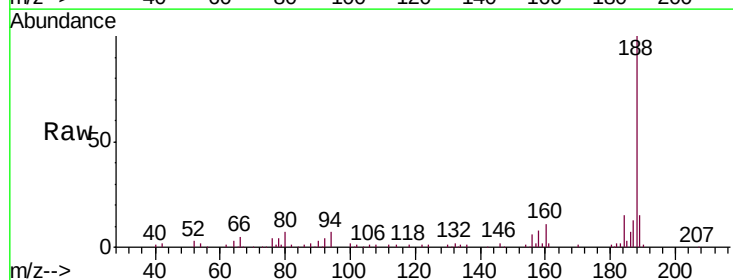
Tgt Ion:188 Resp: 182663

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

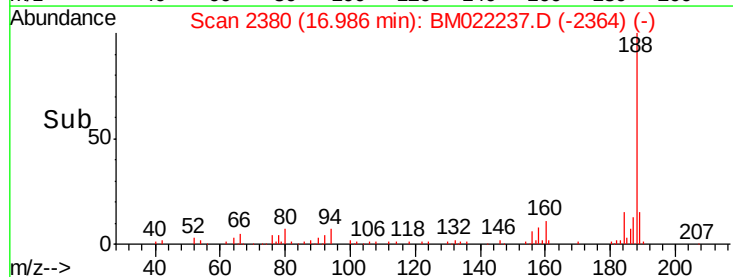
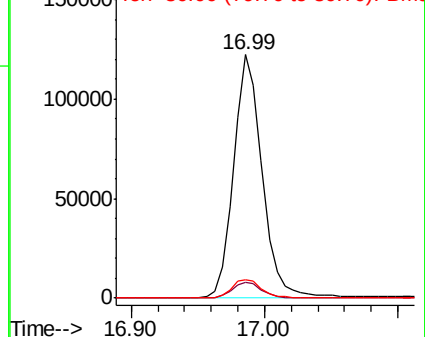
80 7.4 6.9 10.3

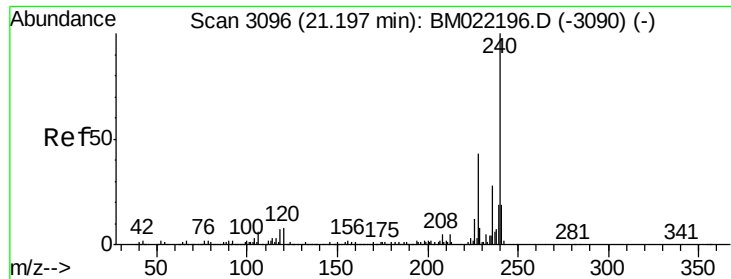


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

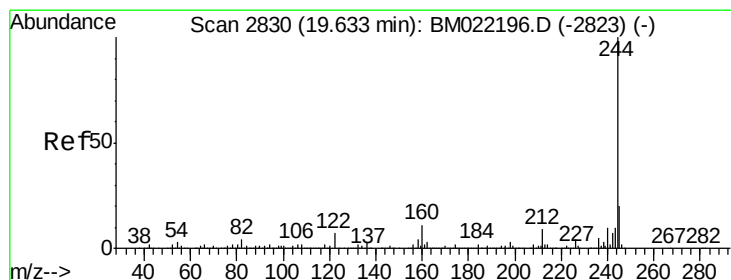
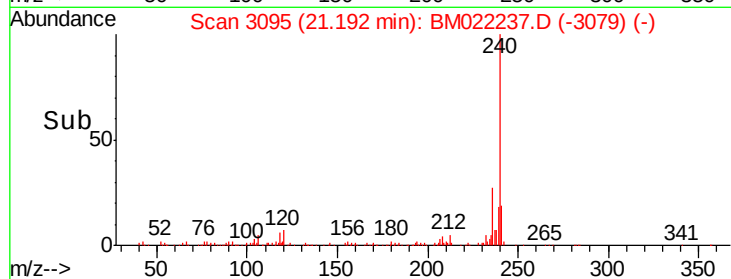
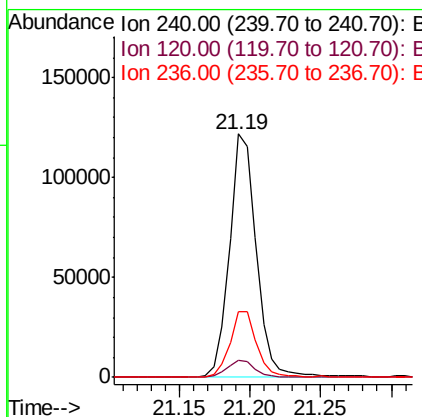
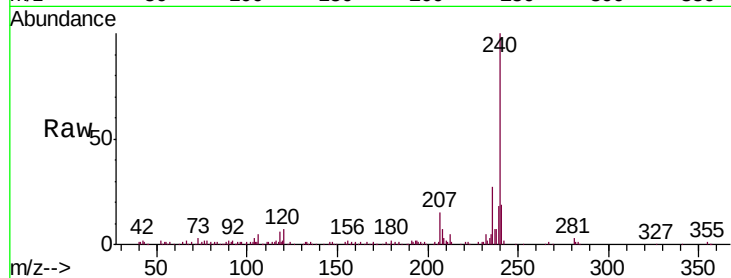




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM022237.D
Acq: 21 Aug 2019 20:02

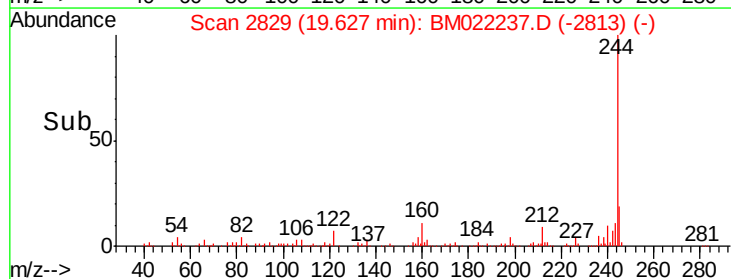
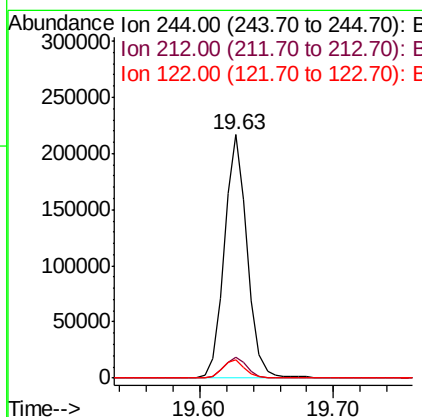
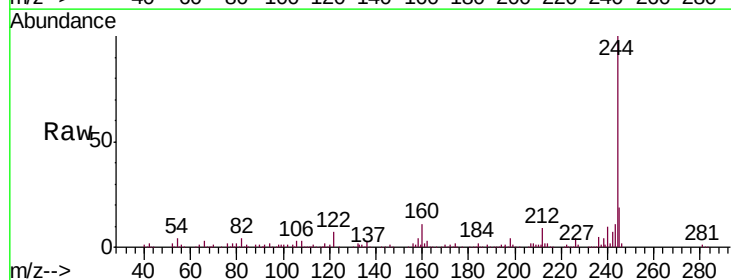
Instrument :
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FRAC-TANK-MUDRE

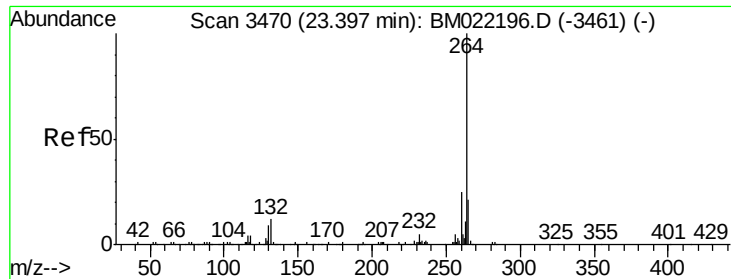
Tot Ion:240 Resp: 161427
Ion Ratio Lower Upper
240 100
120 6.8 6.9 10.3#
236 27.2 20.4 30.6



#79
Terphenyl-d14
Concen: 23.512 ng
RT: 19.63 min Scan# 2829
Delta R.T. -0.01 min
Lab File: BM022237.D
Acq: 21 Aug 2019 20:02

Tgt Ion:244 Resp: 260489
Ion Ratio Lower Upper
244 100
212 8.6 5.3 7.9#
122 7.5 6.6 9.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.39 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM022237.D
Acq: 21 Aug 2019 20:02

Instrument :
BNA_M
ClientSampleId :
FRAC-TANK-MUDRE

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.0	28.4
265	22.9	17.7	26.5

