

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082019\
 Data File : BM022204.D
 Acq On : 20 Aug 2019 10:04
 Operator : HP/JU
 Sample : K4238-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-17

Quant Time: Aug 20 14:02:47 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

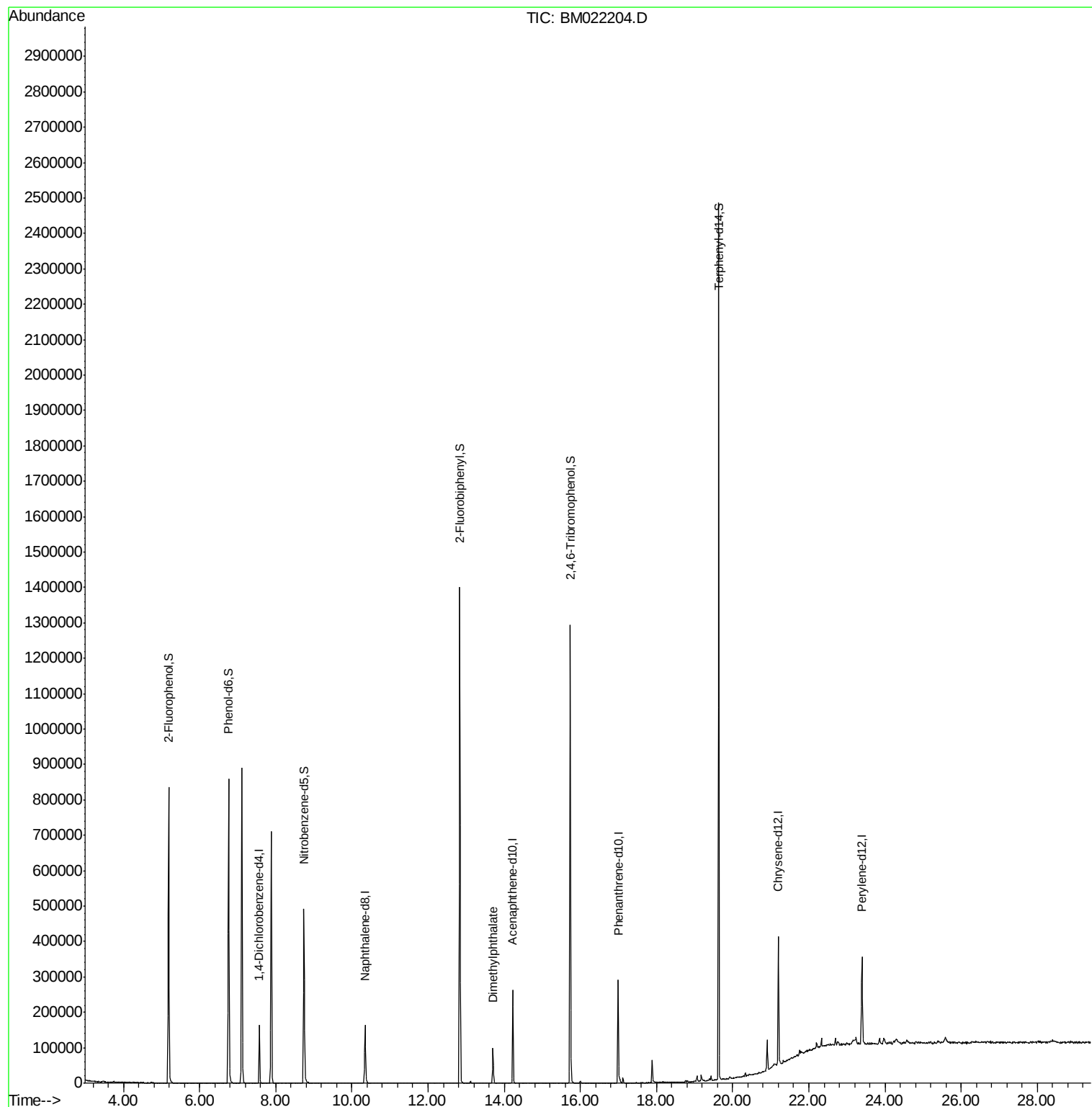
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	36402	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	133486	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	84918	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	167930	20.00	ng	0.00
76) Chrysene-d12	21.20	240	154679	20.00	ng	0.00
87) Perylene-d12	23.40	264	168519	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	285924	139.97	ng	0.00
7) Phenol-d6	6.76	99	379730	139.59	ng	0.00
23) Nitrobenzene-d5	8.74	82	271931	99.08	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	196768	143.16	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	635675	93.50	ng	0.00
79) Terphenyl-d14	19.63	244	965015	90.90	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.70	163	63644	8.914	ng	Qvalue 99

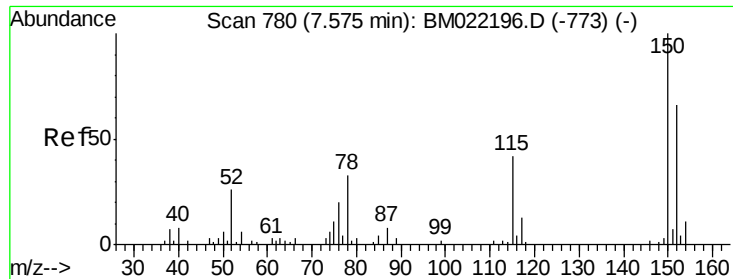
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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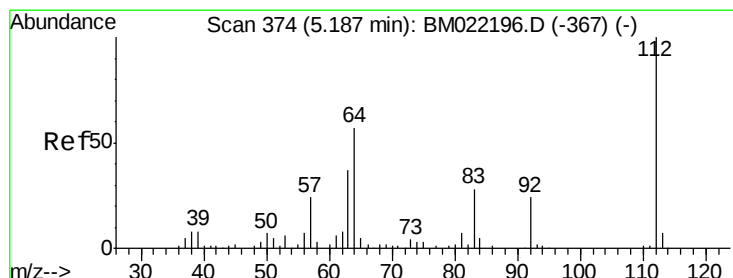
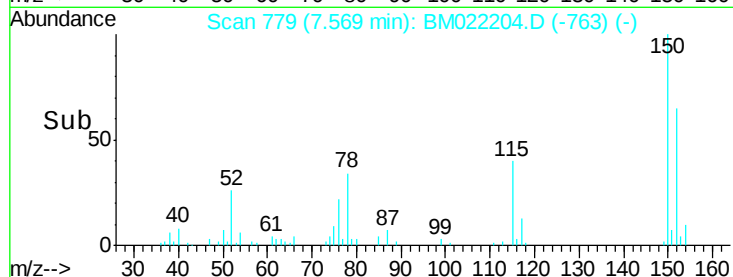
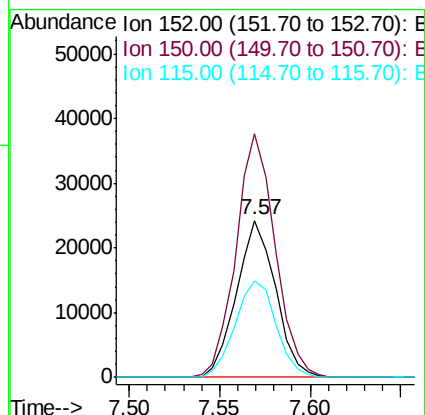
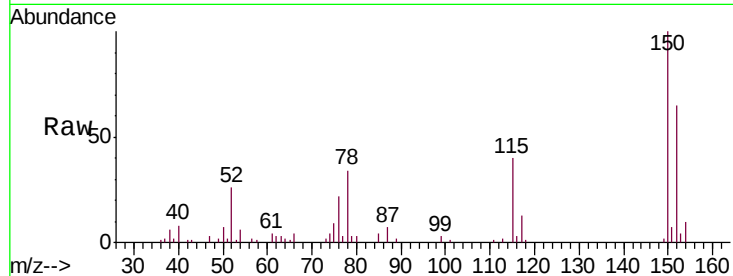


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 779
Delta R.T. -0.01 min
Lab File: BM022204.D
Acq: 20 Aug 2019 10:04

Instrument :
BNA_M
ClientSampled :
TP-17

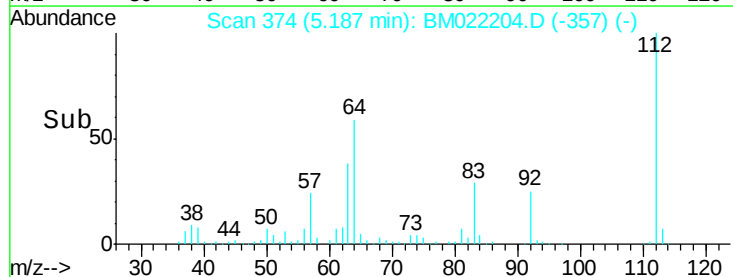
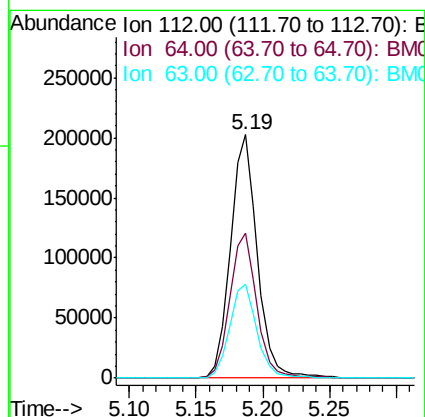
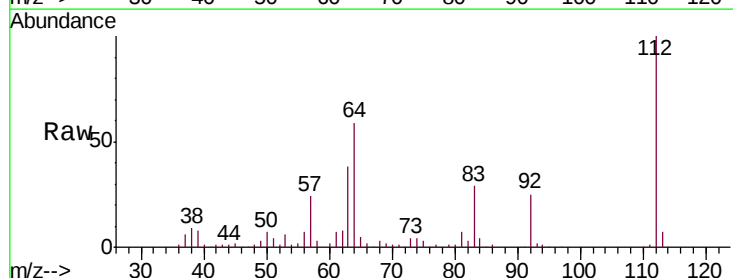
Tgt Ion:152 Resp: 36402
Ion Ratio Lower Upper
152 100
150 154.9 123.1 184.7
115 61.4 44.2 66.4



#5

2-Fluorophenol
Concen: 139.968 ng
RT: 5.19 min Scan# 374
Delta R.T. 0.00 min
Lab File: BM022204.D
Acq: 20 Aug 2019 10:04

Tgt Ion:112 Resp: 285924
Ion Ratio Lower Upper
112 100
64 59.5 45.2 67.8
63 38.3 23.5 35.3#





#7

Phenol-d6

Concen: 139.589 ng

RT: 6.76 min Scan# 642

Delta R.T. 0.00 min

Lab File: BM022204.D

Acq: 20 Aug 2019 10:04

Instrument :

BNA_M

ClientSampleId :

TP-17

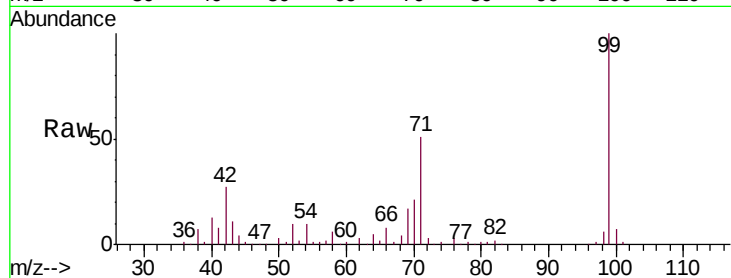
Tgt Ion: 99 Resp: 379730

Ion Ratio Lower Upper

99 100

42 27.2 13.5 20.3#

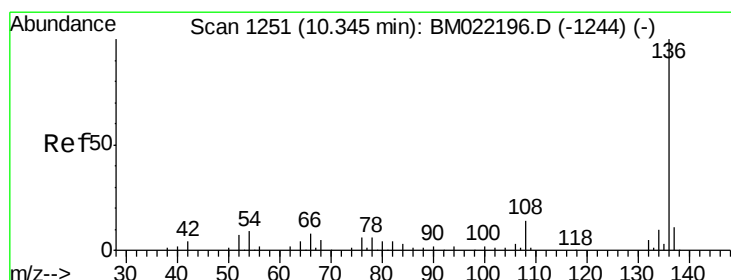
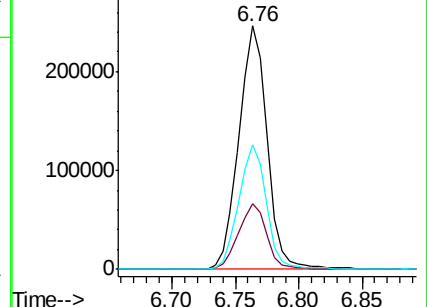
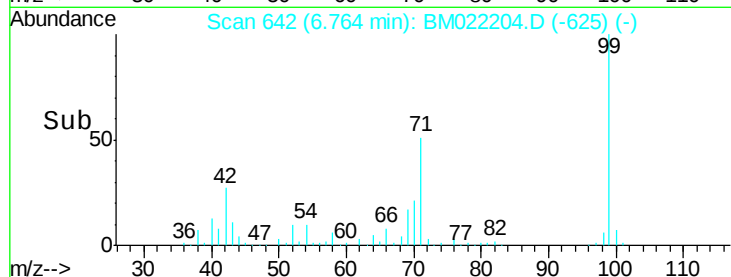
71 51.2 29.3 43.9#



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: BM022204.D

Acq: 20 Aug 2019 10:04

Tgt Ion: 136 Resp: 133486

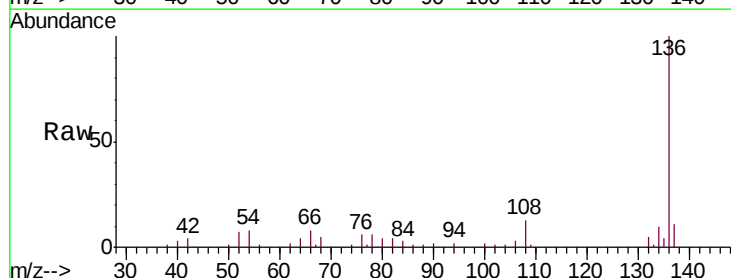
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 7.8 5.3 7.9

68 5.0 4.4 6.6

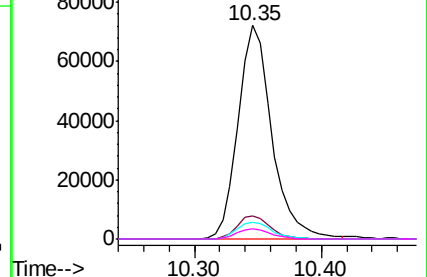
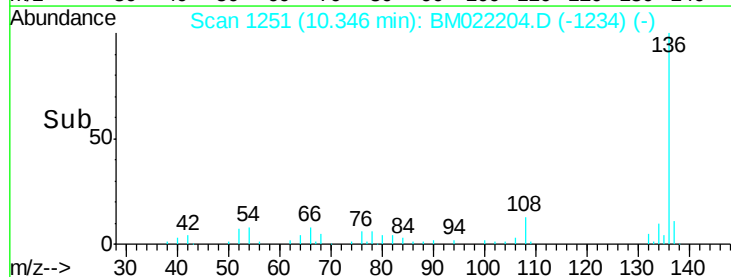


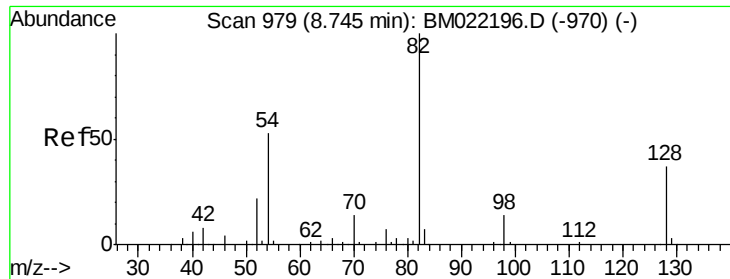
Abundance Ion 136.00 (135.70 to 136.70): BM022196.D (-1244) (-)

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) (-)

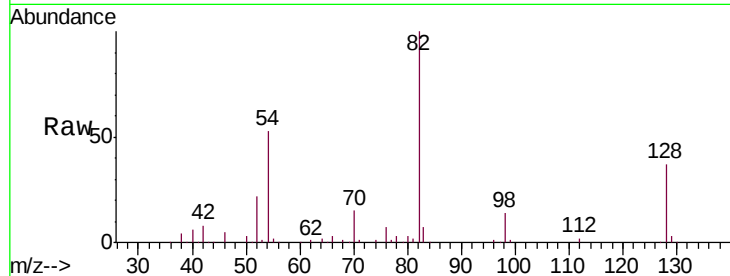




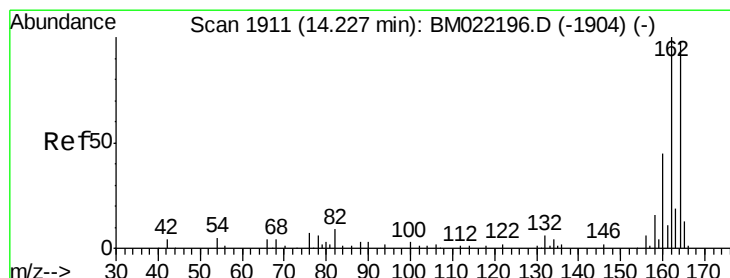
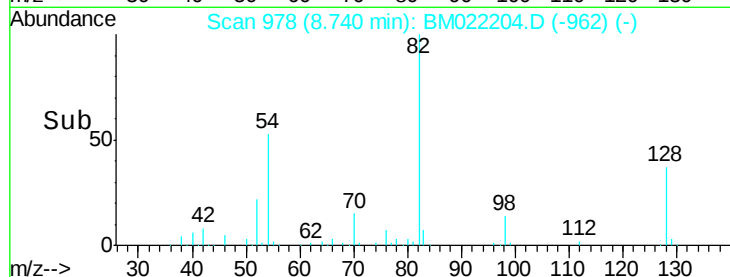
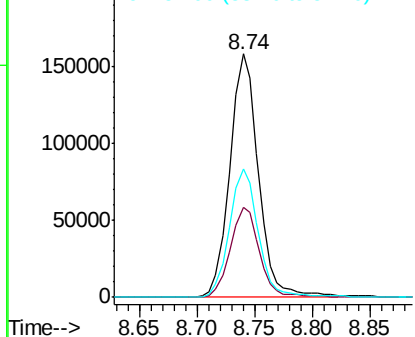
#23
 Nitrobenzene-d5
 Concen: 99.081 ng
 RT: 8.74 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BM022204.D
 Acq: 20 Aug 2019 10:04

Instrument :
 BNA_M
 ClientSampleId :
 TP-17

Tgt Ion: 82 Resp: 271931
 Ion Ratio Lower Upper
 82 100
 128 36.8 35.9 53.9
 54 53.0 36.6 55.0

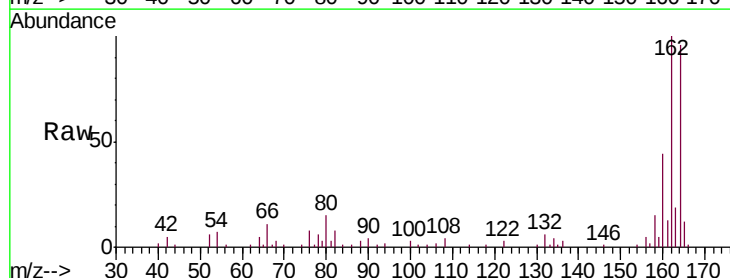


Abundance Ion 82.00 (81.70 to 82.70): BM022204.D (-962) (-)
 Ion 128.00 (127.70 to 128.70): BM022204.D (-962) (-)
 Ion 54.00 (53.70 to 54.70): BM022204.D (-962) (-)

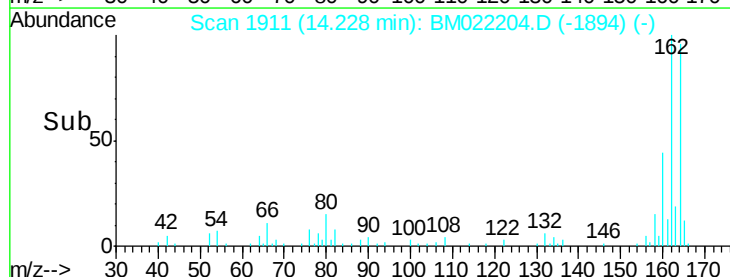
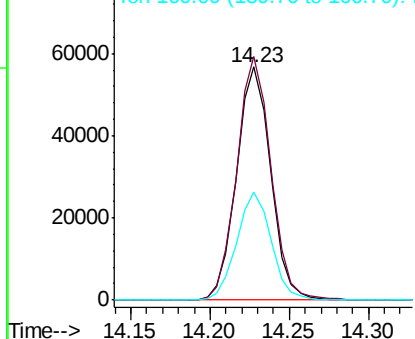


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. 0.00 min
 Lab File: BM022204.D
 Acq: 20 Aug 2019 10:04

Tgt Ion: 164 Resp: 84918
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.1 123.1
 160 46.5 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): BM022204.D (-1894) (-)
 Ion 162.00 (161.70 to 162.70): BM022204.D (-1894) (-)
 Ion 160.00 (159.70 to 160.70): BM022204.D (-1894) (-)

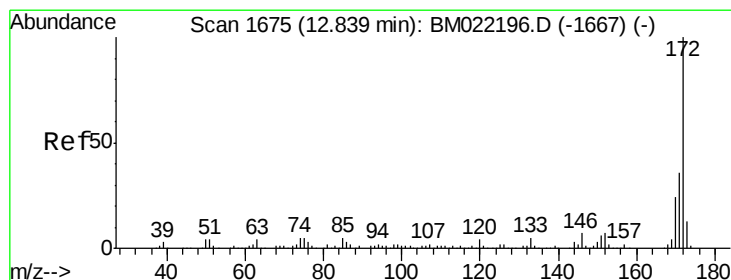
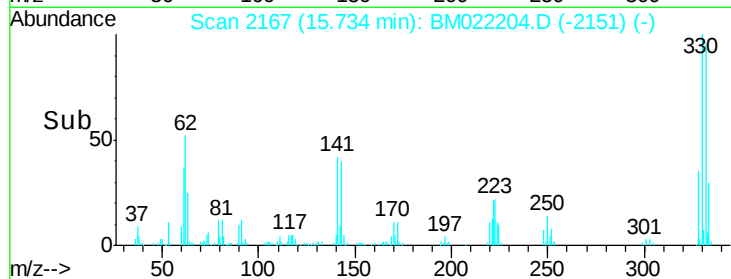
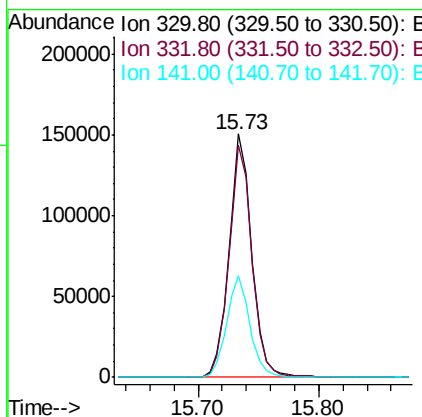
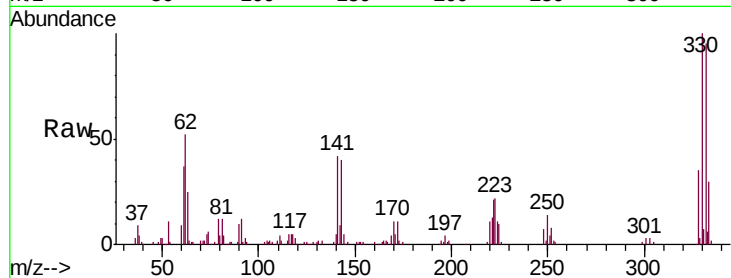




#42
 2,4,6-Tribromophenol
 Concen: 143.159 ng
 RT: 15.73 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BM022204.D
 Acq: 20 Aug 2019 10:04

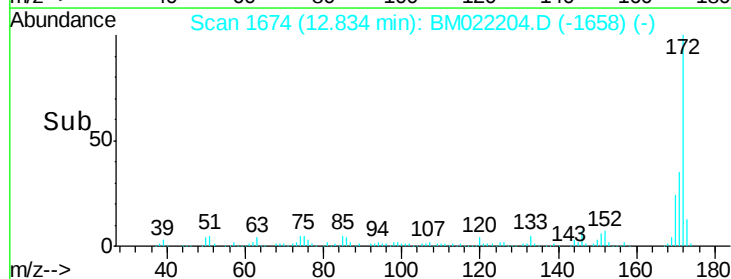
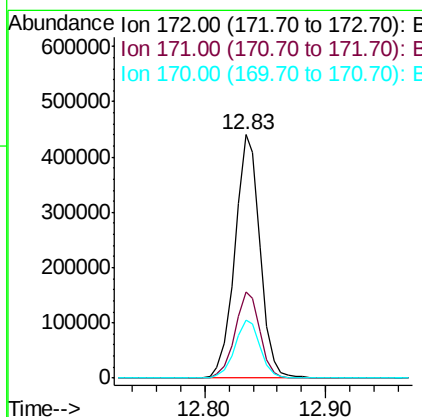
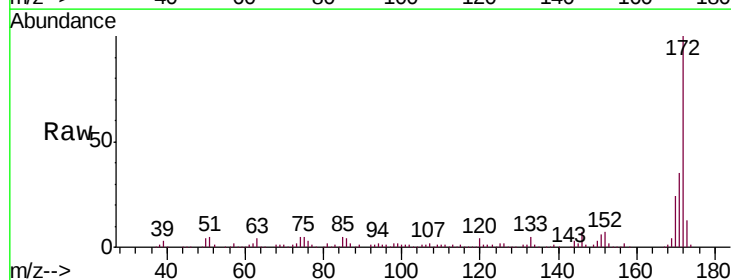
Instrument :
 BNA_M
 ClientSampleId :
 TP-17

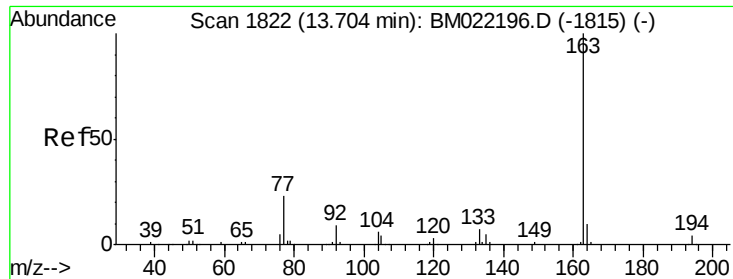
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	42.9	21.8	32.8#



#45
 2-Fluorobiphenyl
 Concen: 93.497 ng
 RT: 12.83 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BM022204.D
 Acq: 20 Aug 2019 10:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.8	18.7	28.1

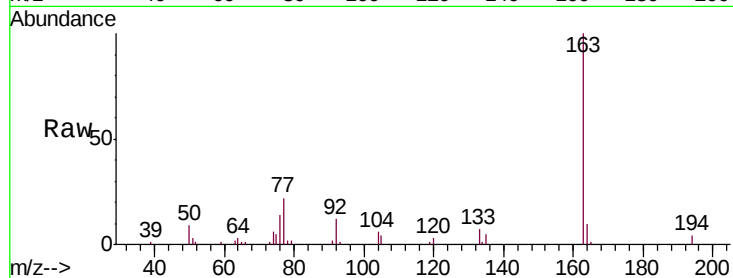




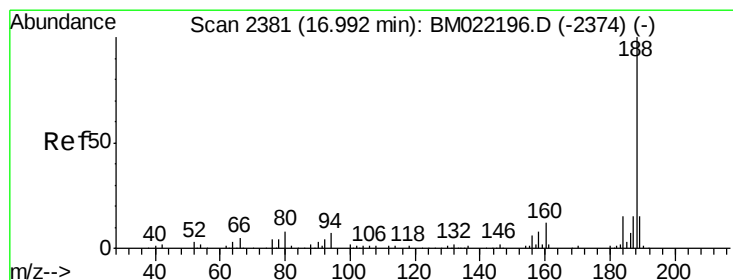
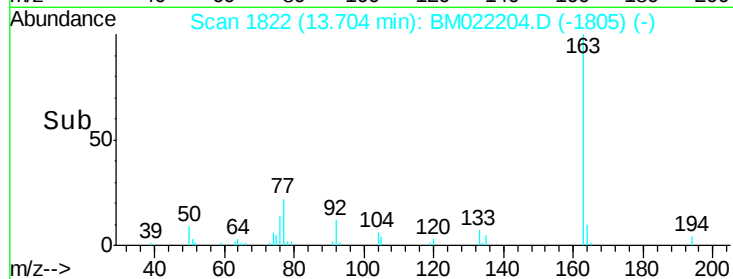
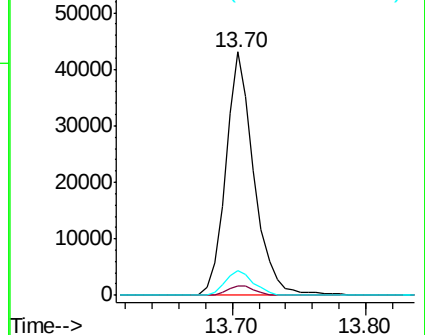
#50
Dimethylphthalate
Concen: 8.914 ng
RT: 13.70 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BM022204.D
Acq: 20 Aug 2019 10:04

Instrument :
BNA_M
ClientSampleId :
TP-17

Tgt Ion:163 Resp: 63644
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.2
164 10.1 8.2 12.2

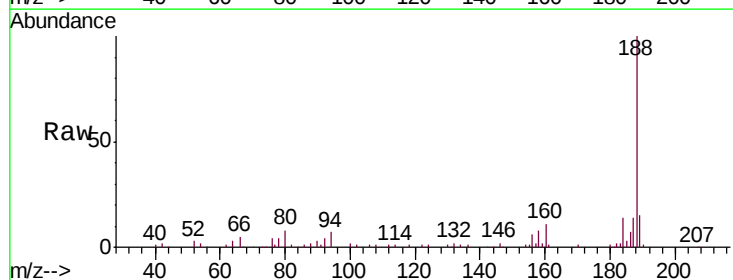


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

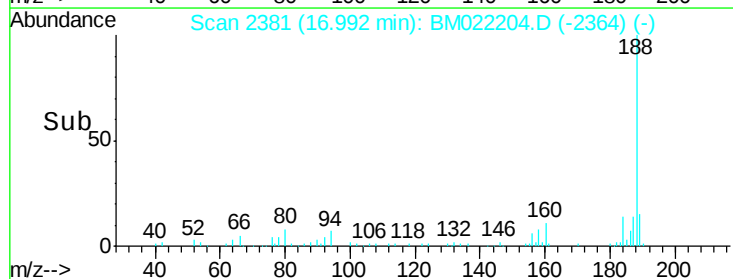
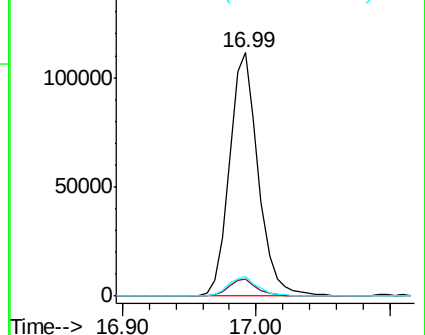


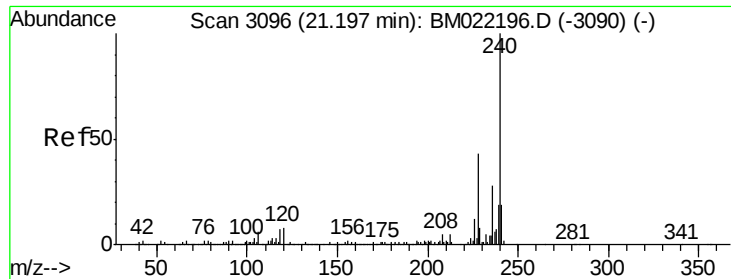
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BM022204.D
Acq: 20 Aug 2019 10:04

Tgt Ion:188 Resp: 167930
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.8
80 8.0 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

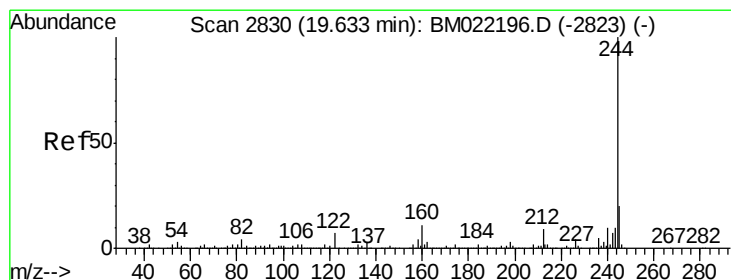
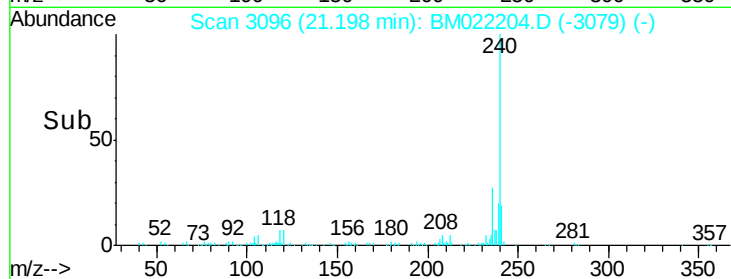
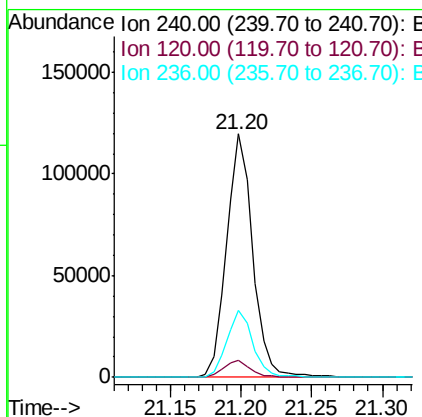
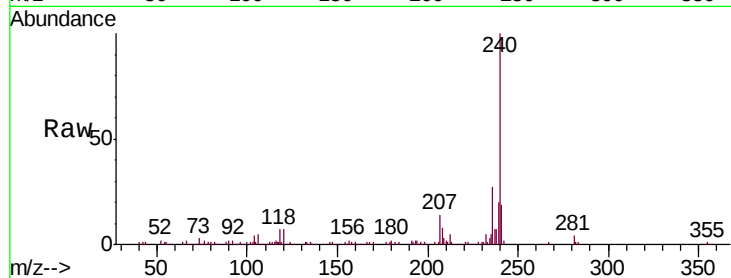




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM022204.D
Acq: 20 Aug 2019 10:04

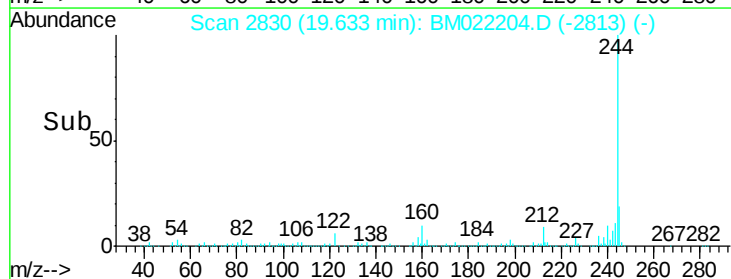
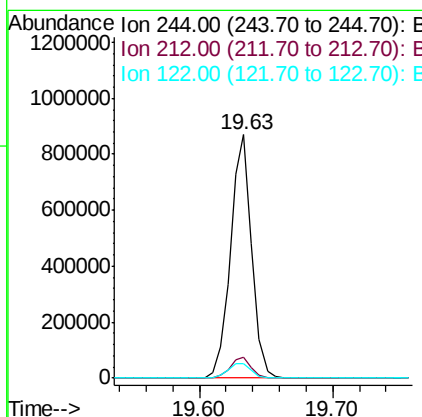
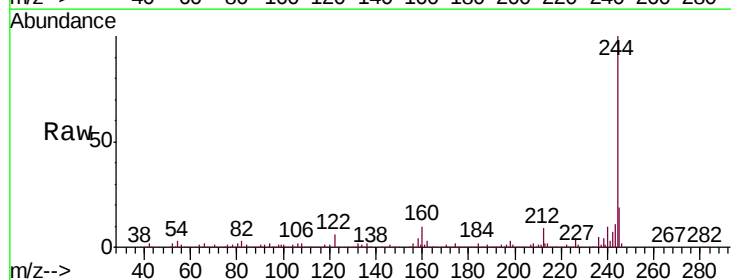
Instrument :
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TP-17

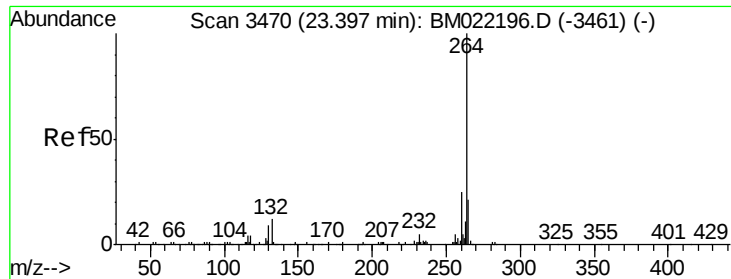
Tgt Ion:240 Resp: 154679
Ion Ratio Lower Upper
240 100
120 7.2 6.9 10.3
236 27.5 20.4 30.6



#79
Terphenyl-d14
Concen: 90.905 ng
RT: 19.63 min Scan# 2830
Delta R.T. 0.00 min
Lab File: BM022204.D
Acq: 20 Aug 2019 10:04

Tgt Ion:244 Resp: 965015
Ion Ratio Lower Upper
244 100
212 8.5 5.3 7.9#
122 6.1 6.6 9.8#





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3470
Delta R.T. 0.00 min
Lab File: BM022204.D
Acq: 20 Aug 2019 10:04

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.4
265	22.9	17.7	26.5

