

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082019\
 Data File : BM022207.D
 Acq On : 20 Aug 2019 11:55
 Operator : HP/JU
 Sample : K4332-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 0617-FIELD-BLANK-38TH-ST

Quant Time: Aug 20 23:40:19 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

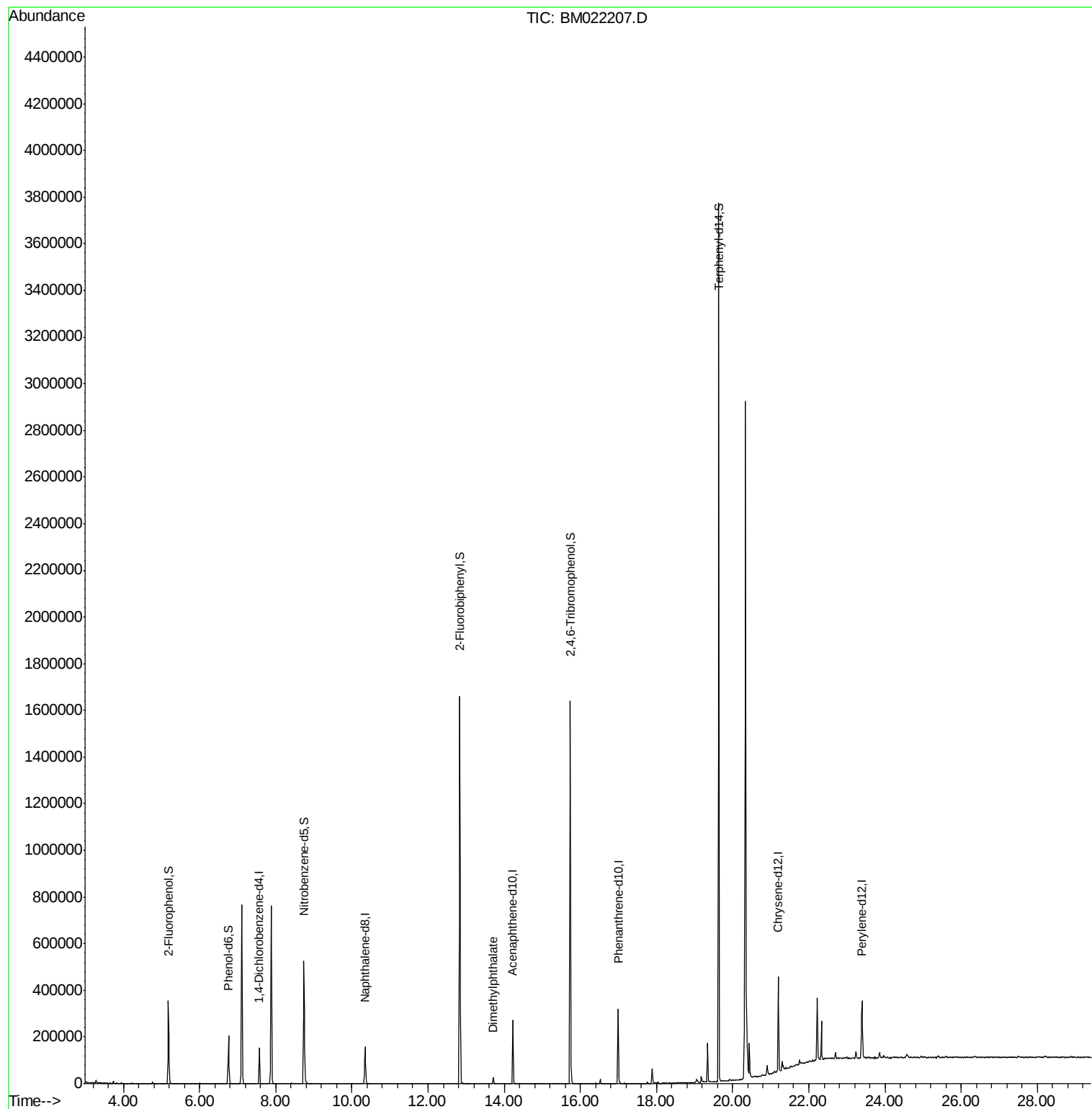
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	33953	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	129119	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	84712	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	177408	20.00	ng	0.00
76) Chrysene-d12	21.20	240	169167	20.00	ng	0.00
87) Perylene-d12	23.40	264	176135	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	123566	64.85	ng	0.00
7) Phenol-d6	6.76	99	99716	39.30	ng	0.00
23) Nitrobenzene-d5	8.74	82	290900	109.58	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	252808	184.38	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	758520	111.84	ng	0.00
79) Terphenyl-d14	19.63	244	1466015	126.27	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.71	163	20012	2.810	ng	Qvalue # 95

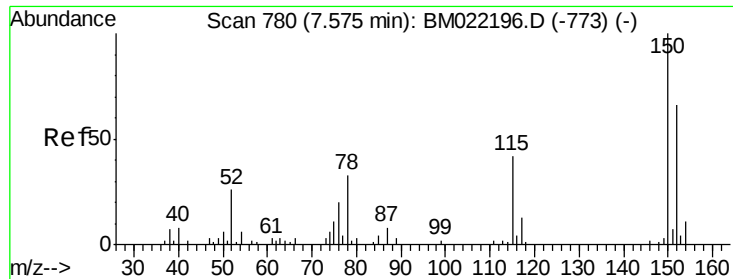
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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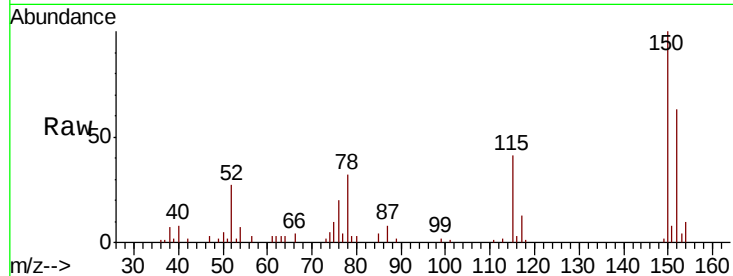




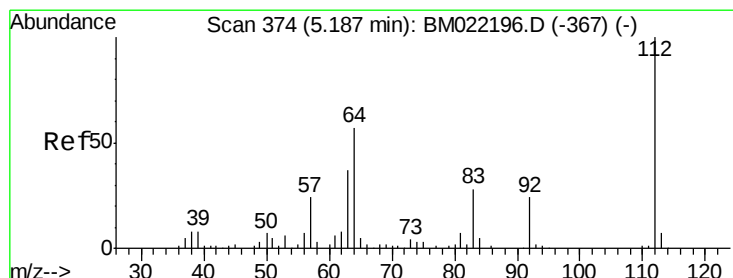
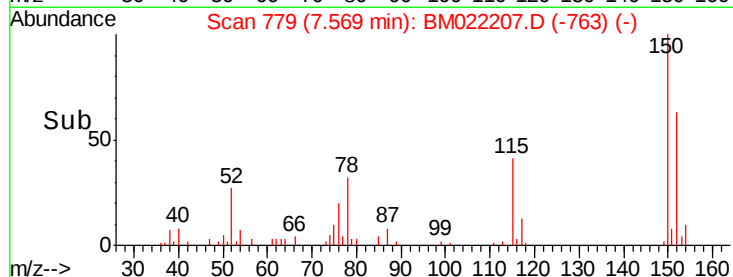
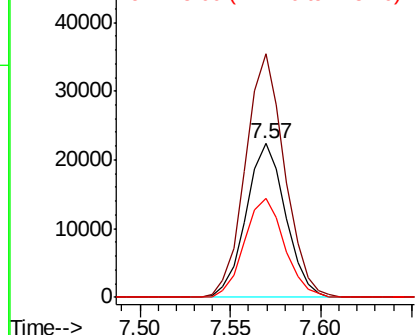
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.57 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BM022207.D
 Acq: 20 Aug 2019 11:55

Instrument :
 BNA_M
 ClientSampleId :
 0617-FIELD-BLANK-38TH-ST

Tot Ion:152 Resp: 33953
 Ion Ratio Lower Upper
 152 100
 150 158.2 123.1 184.7
 115 64.6 44.2 66.4

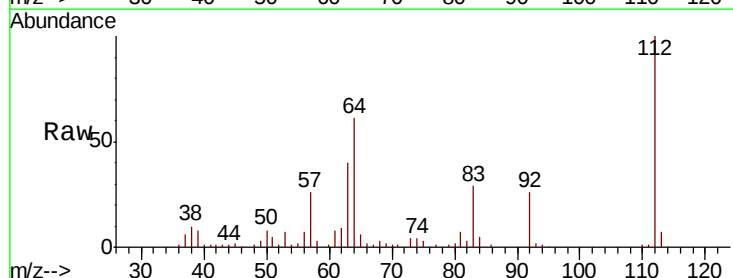


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

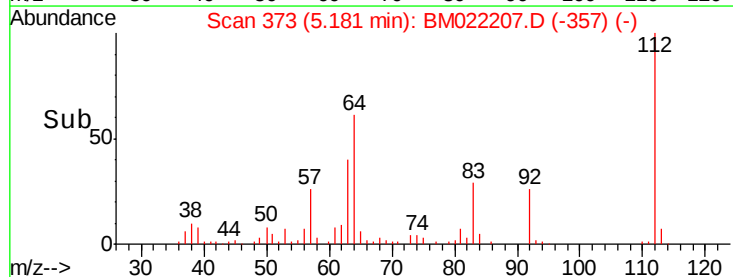
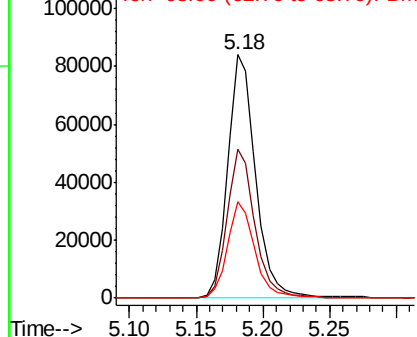


#5
 2-Fluorophenol
 Concen: 64.852 ng
 RT: 5.18 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: BM022207.D
 Acq: 20 Aug 2019 11:55

Tgt Ion:112 Resp: 123566
 Ion Ratio Lower Upper
 112 100
 64 60.9 45.2 67.8
 63 39.6 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: 39.300 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM022207.D

Acq: 20 Aug 2019 11:55

Instrument :

BNA_M

ClientSampleId :

0617-FIELD-BLANK-38TH-ST

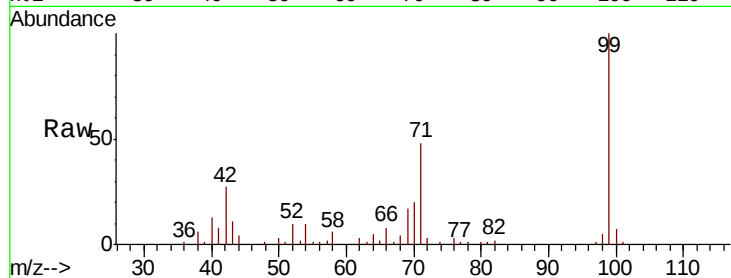
Tot Ion: 99 Resp: 99716

Ion Ratio Lower Upper

99 100

42 26.9 13.5 20.3#

71 48.1 29.3 43.9#

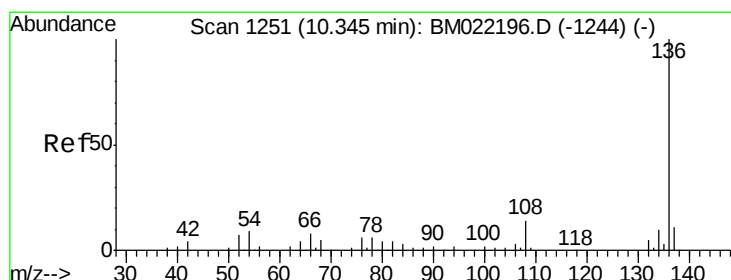
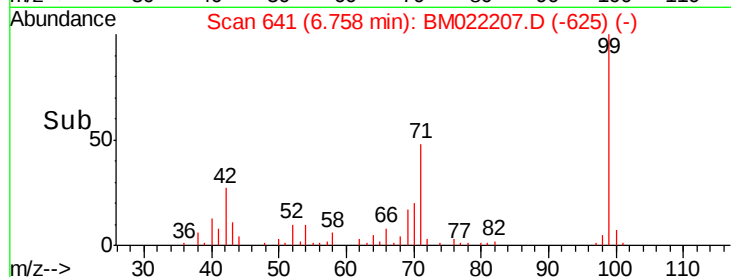
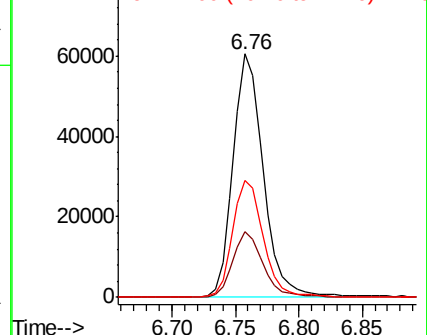


Abundance

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: BM022207.D

Acq: 20 Aug 2019 11:55

Tgt Ion: 136 Resp: 129119

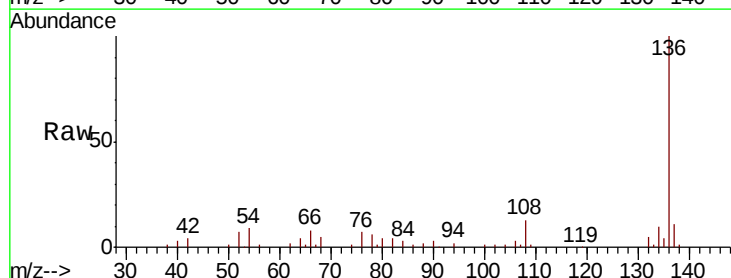
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 9.1 5.3 7.9#

68 4.6 4.4 6.6



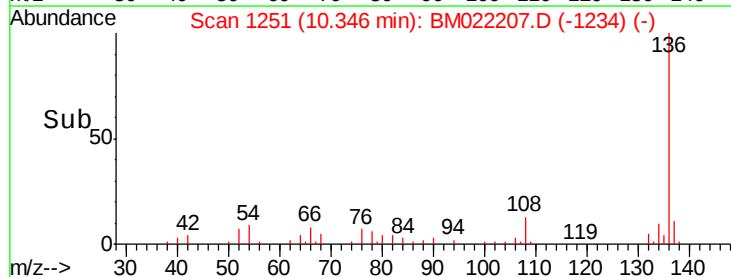
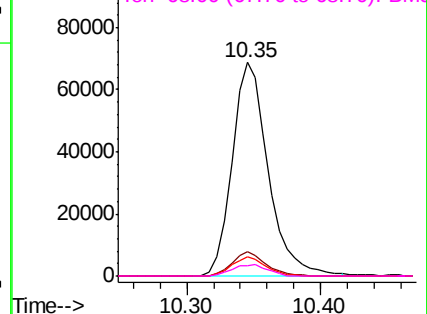
Abundance

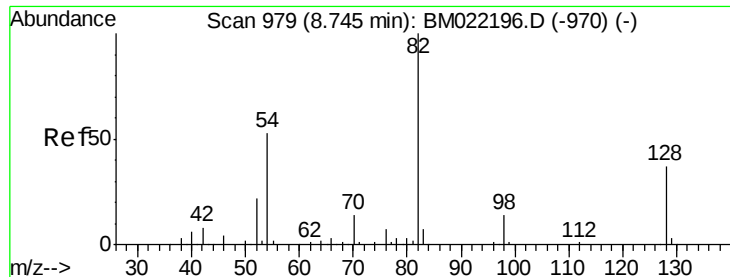
Ion 136.00 (135.70 to 136.70): BM022196.D (-1244) (-)

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) (-)

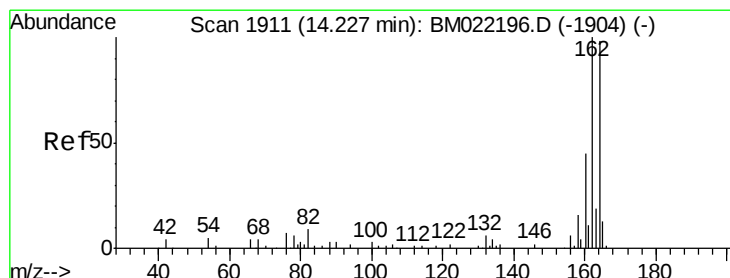
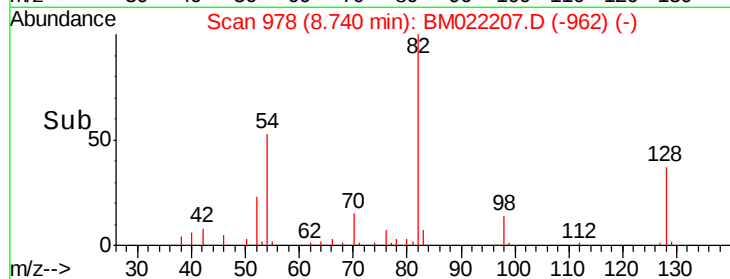
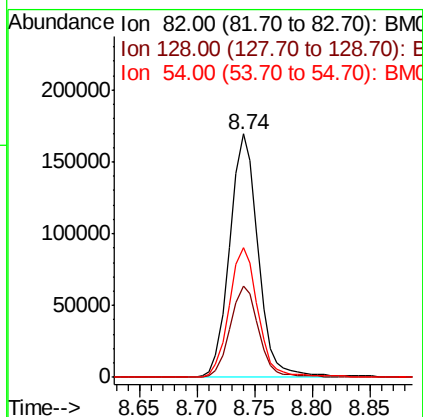
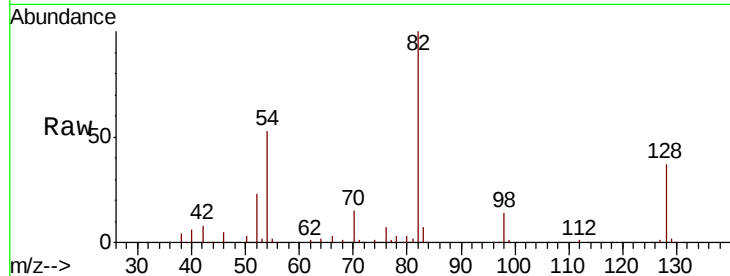




#23
 Nitrobenzene-d5
 Concen: 109.577 ng
 RT: 8.74 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BM022207.D
 Acq: 20 Aug 2019 11:55

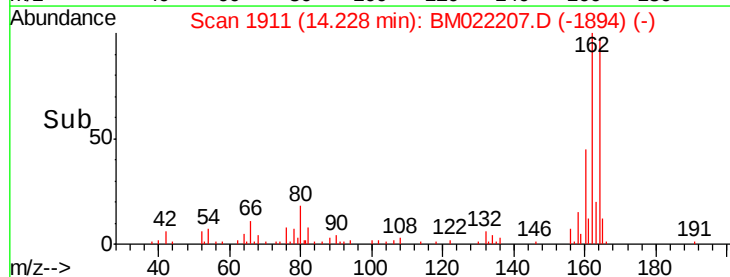
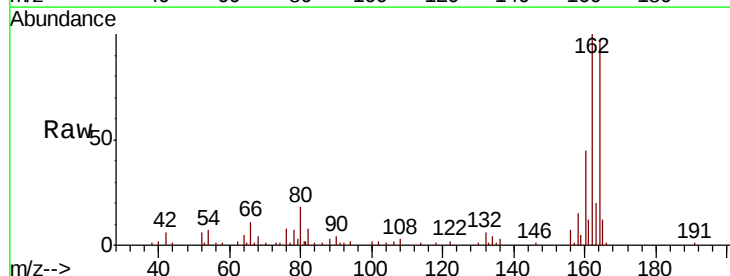
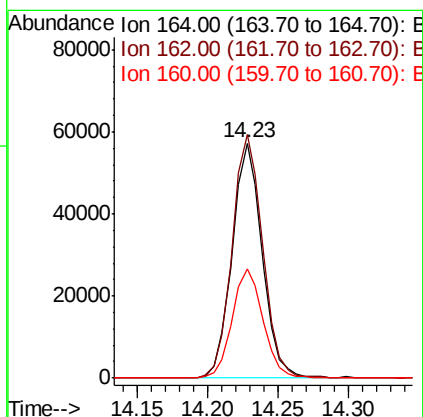
Instrument :
 BNA_M
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 0617-FIELD-BLANK-38TH-ST

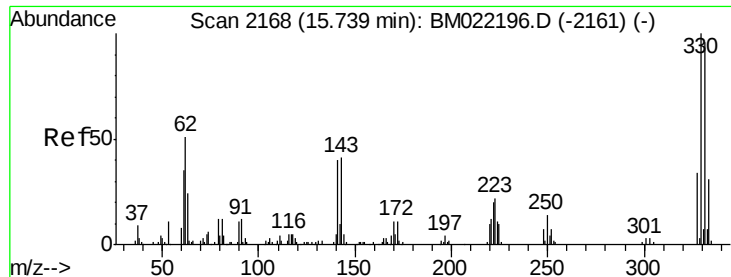
Tot Ion	82	Resp	290900
Ion Ratio	Lower	Upper	
82	100		
128	37.4	35.9	53.9
54	53.0	36.6	55.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. 0.00 min
 Lab File: BM022207.D
 Acq: 20 Aug 2019 11:55

Tgt Ion	164	Resp	84712
Ion Ratio	Lower	Upper	
164	100		
162	103.5	82.1	123.1
160	46.5	37.1	55.7





#42

2,4,6-Tribromophenol

Concen: 184.379 ng

RT: 15.73 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BM022207.D

Acq: 20 Aug 2019 11:55

Instrument :

BNA_M

ClientSampleId :

0617-FIELD-BLANK-38TH-ST

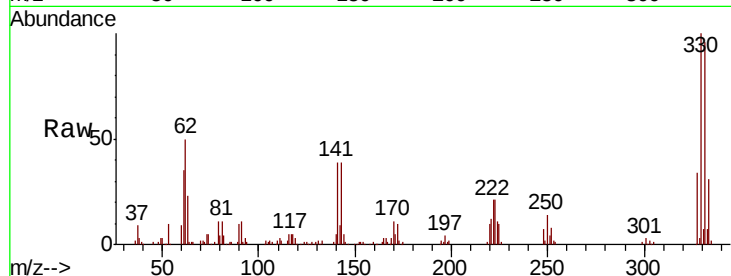
Tot Ion:330 Resp: 252808

Ion Ratio Lower Upper

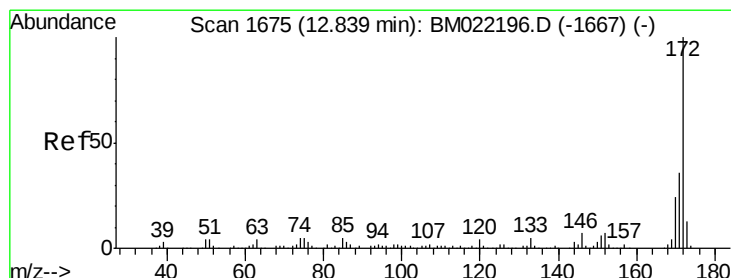
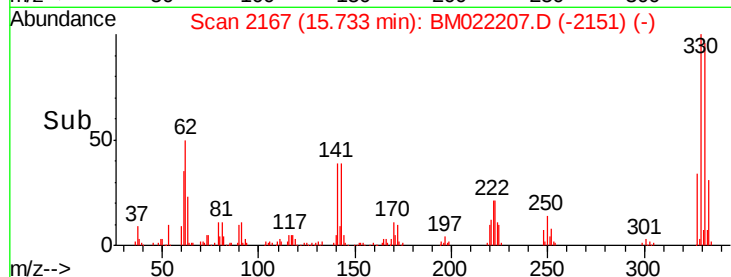
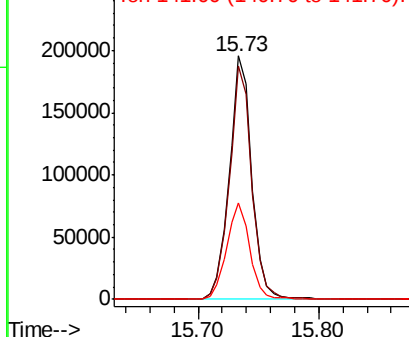
330 100

332 95.6 77.1 115.7

141 40.8 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: 111.836 ng

RT: 12.83 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BM022207.D

Acq: 20 Aug 2019 11:55

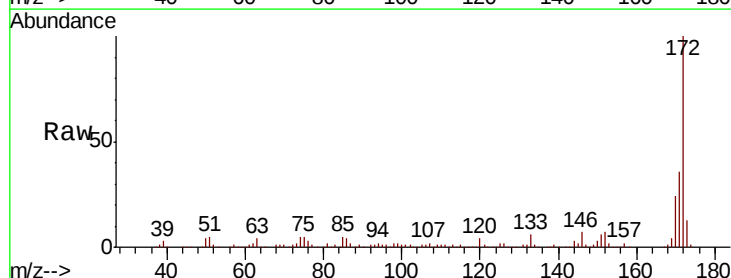
Tgt Ion:172 Resp: 758520

Ion Ratio Lower Upper

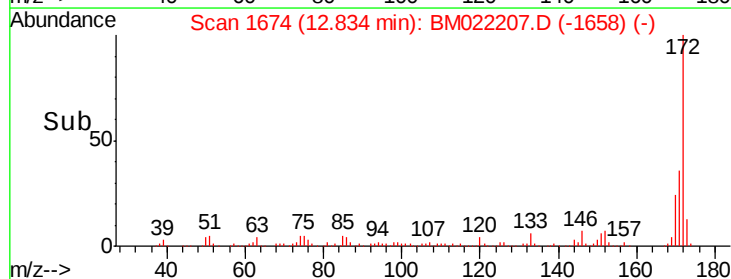
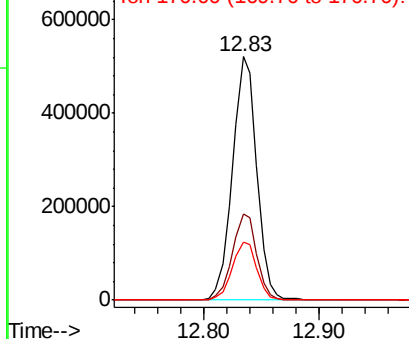
172 100

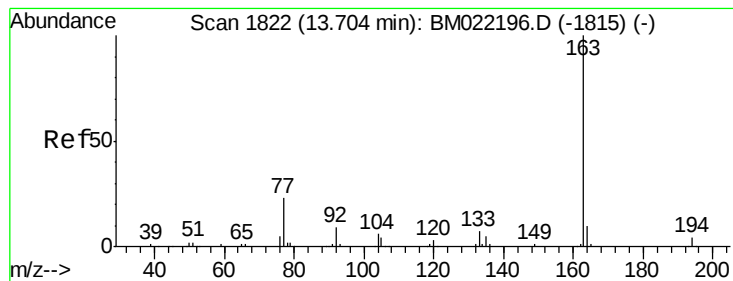
171 35.6 28.6 43.0

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: 2.810 ng

RT: 13.71 min Scan# 1823

Delta R.T. 0.01 min

Lab File: BM022207.D

Acq: 20 Aug 2019 11:55

Instrument :

BNA_M

ClientSampleId :

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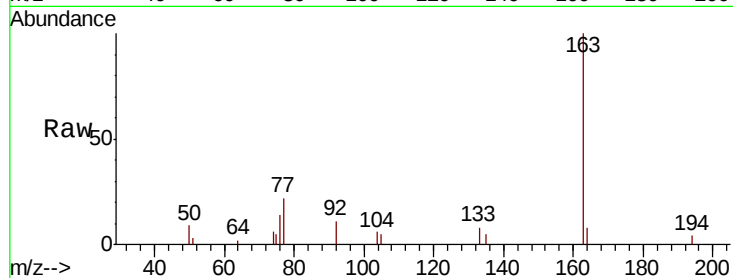
Tot Ion:163 Resp: 20012

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

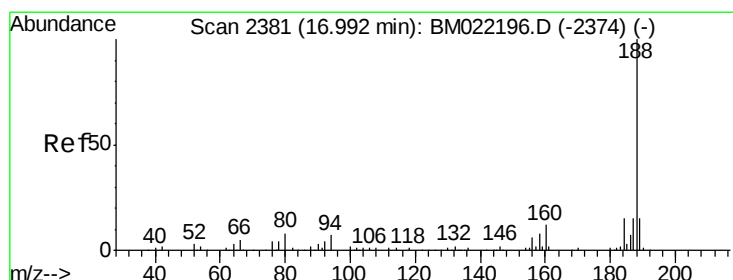
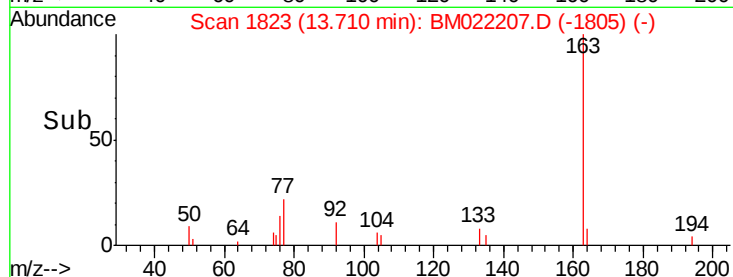
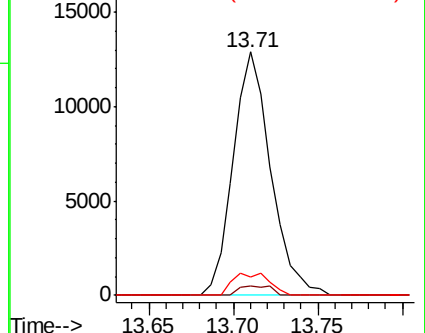
164 7.7 8.2 12.2#



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: BM022207.D

Acq: 20 Aug 2019 11:55

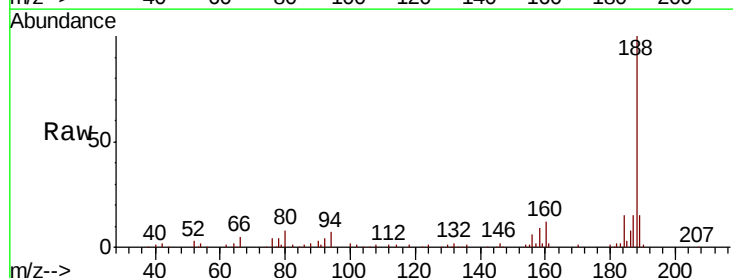
Tgt Ion:188 Resp: 177408

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

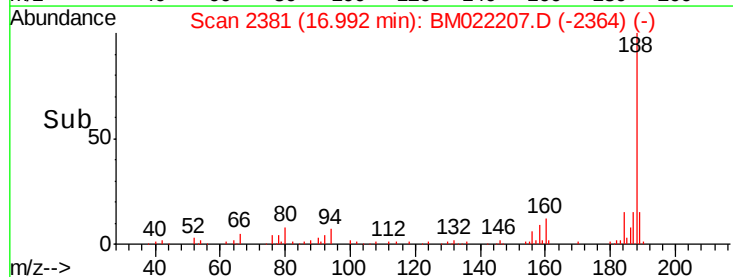
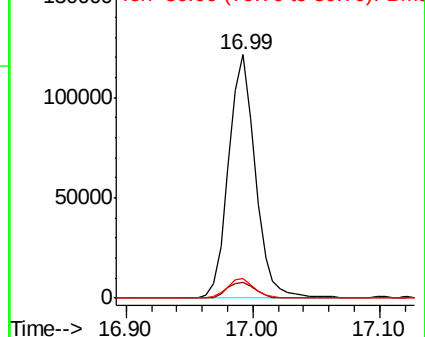
80 8.2 6.9 10.3

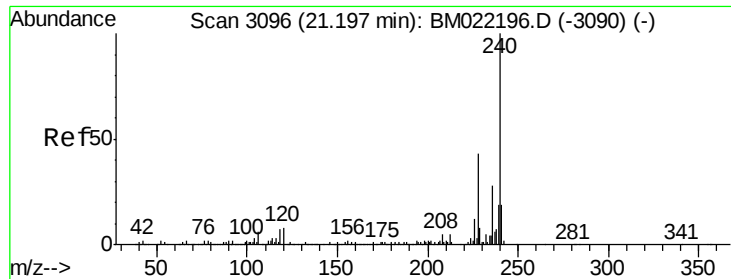


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

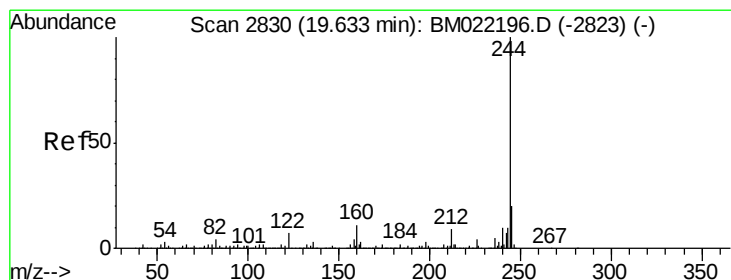
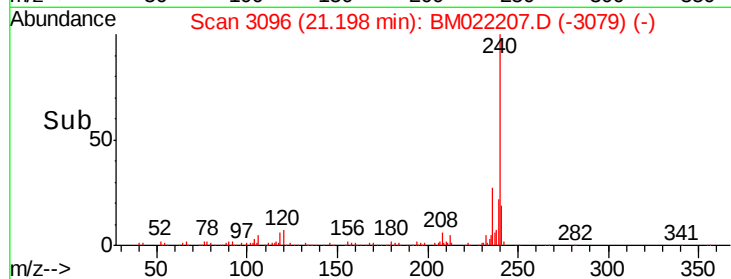
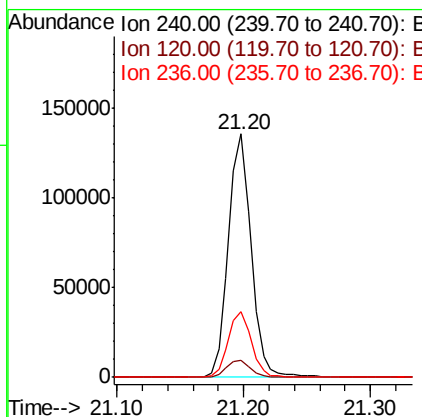
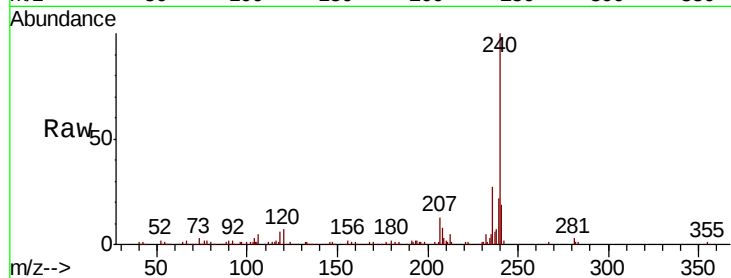




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.20 min Scan# 3096
 Delta R.T. 0.00 min
 Lab File: BM022207.D
 Acq: 20 Aug 2019 11:55

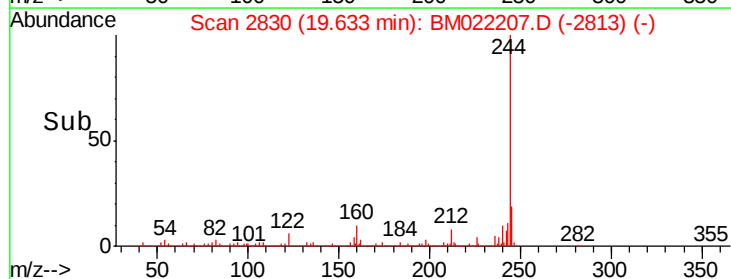
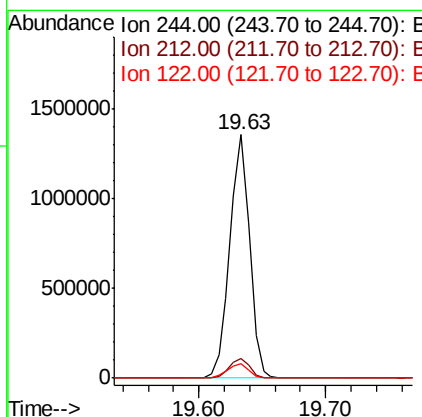
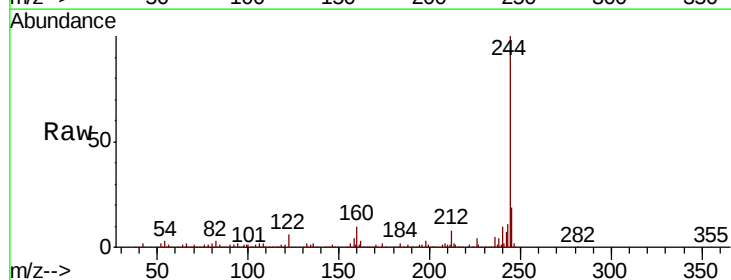
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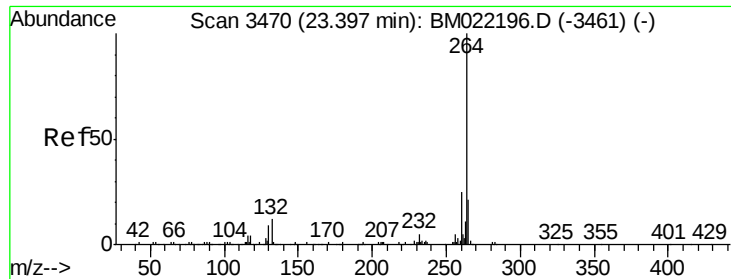
Tot Ion:240 Resp: 169167
 Ion Ratio Lower Upper
 240 100
 120 6.9 6.9 10.3
 236 27.1 20.4 30.6



#79
 Terphenyl-d14
 Concen: 126.272 ng
 RT: 19.63 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: BM022207.D
 Acq: 20 Aug 2019 11:55

Tgt Ion:244 Resp: 1466015
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.3 7.9#
 122 5.9 6.6 9.8#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3470
Delta R.T. 0.00 min
Lab File: BM022207.D
Acq: 20 Aug 2019 11:55

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.0	28.4
265	21.9	17.7	26.5

