

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061322\
 Data File : BM035458.D
 Acq On : 13 Jun 2022 15:34
 Operator : CG/JU
 Sample : N3331-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-220(26-28)

Quant Time: Jun 14 04:29:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 10 16:05:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

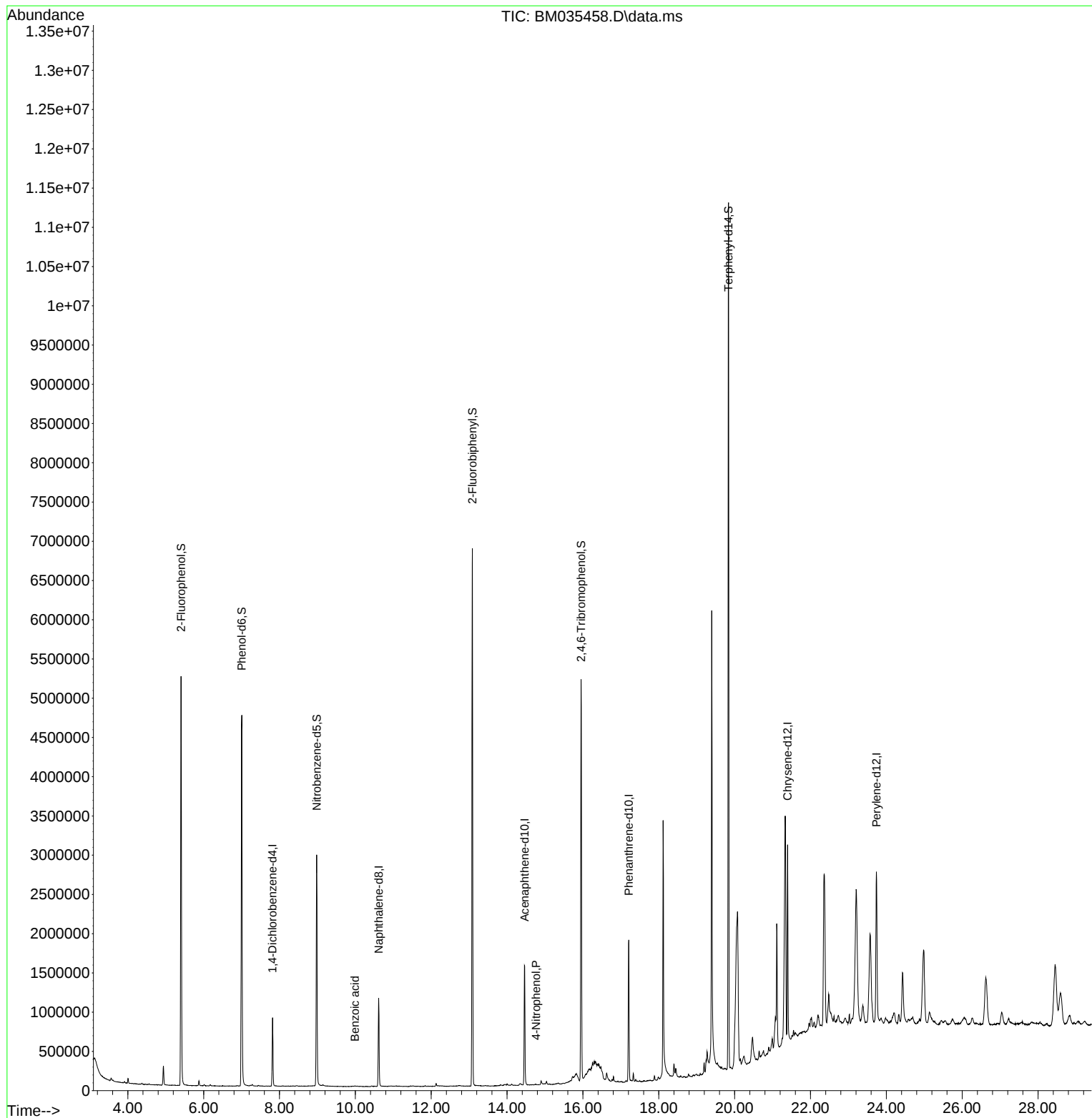
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	230753	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	925002	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	522113	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1066024	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1184040	20.000	ng	0.00
86) Perylene-d12	23.739	264	1336402	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	2138496	157.156	ng	0.00
7) Phenol-d6	7.004	99	2718461	144.164	ng	0.00
23) Nitrobenzene-d5	8.981	82	1656386	97.312	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	863049	155.260	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	3417622	93.514	ng	0.00
79) Terphenyl-d14	19.839	244	5145658	82.977	ng	0.00
Target Compounds						
32) Benzoic acid	9.987	122	261	4.664	ng	Qvalue # 32
56) 4-Nitrophenol	14.763	139	360	5.691	ng	91

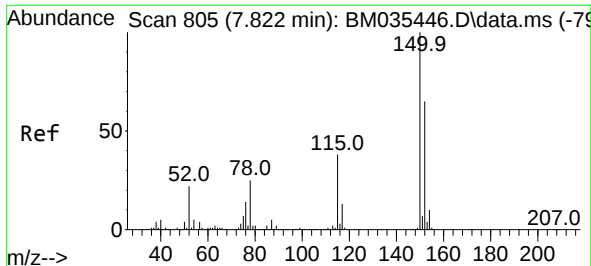
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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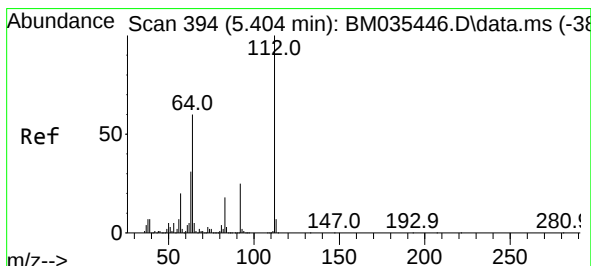
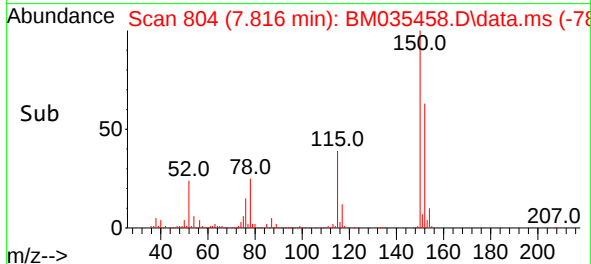
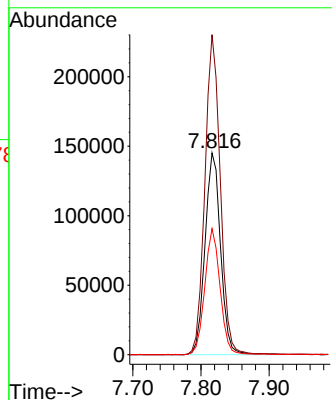
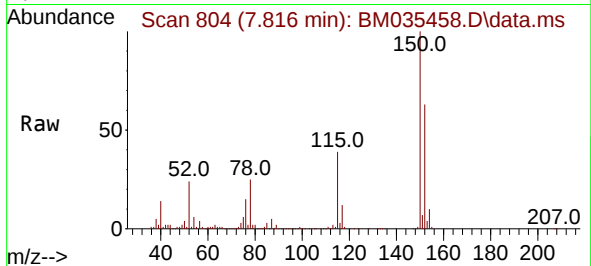




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BM035458.D
Acq: 13 Jun 2022 15:34

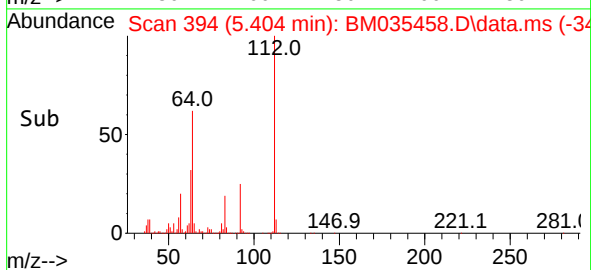
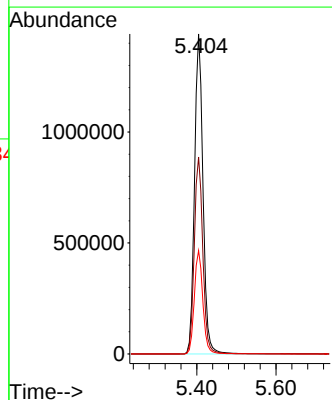
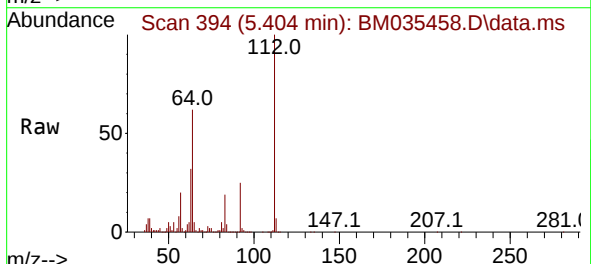
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)

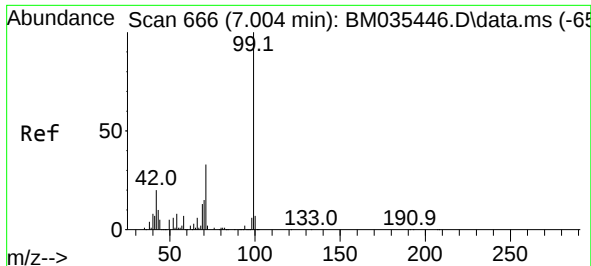
Tgt Ion:152 Resp: 230753
Ion Ratio Lower Upper
152 100
150 158.6 124.9 187.3
115 62.5 47.9 71.9



#5
2-Fluorophenol
Concen: 157.156 ng
RT: 5.404 min Scan# 394
Delta R.T. 0.000 min
Lab File: BM035458.D
Acq: 13 Jun 2022 15:34

Tgt Ion:112 Resp: 2138496
Ion Ratio Lower Upper
112 100
64 61.6 47.8 71.6
63 32.3 26.6 40.0

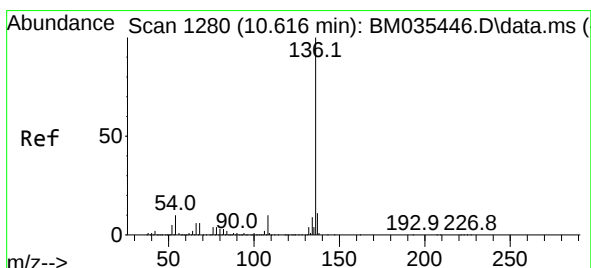
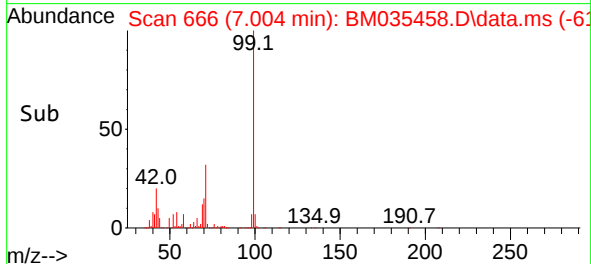
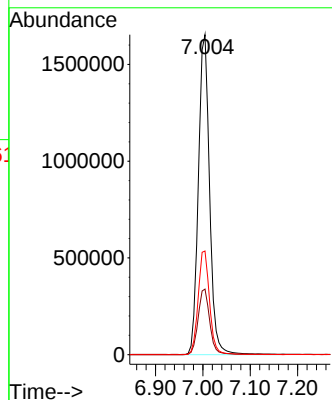
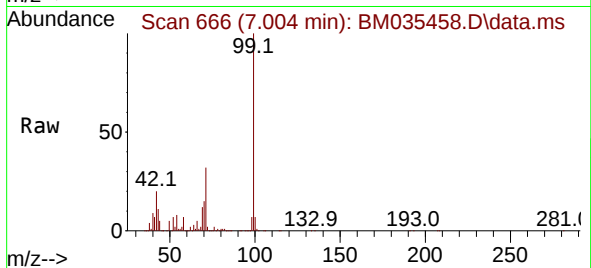




#7
Phenol-d6
Concen: 144.164 ng
RT: 7.004 min Scan# 666
Delta R.T. 0.000 min
Lab File: BM035458.D
Acq: 13 Jun 2022 15:34

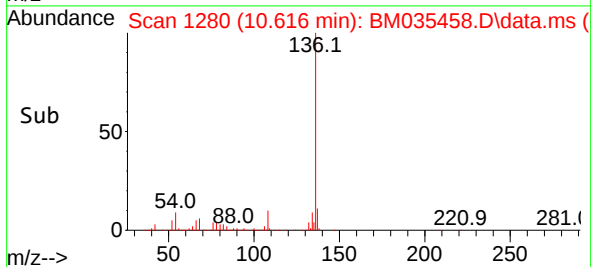
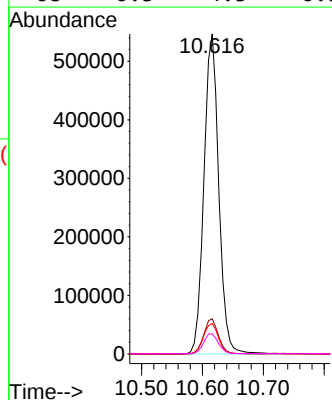
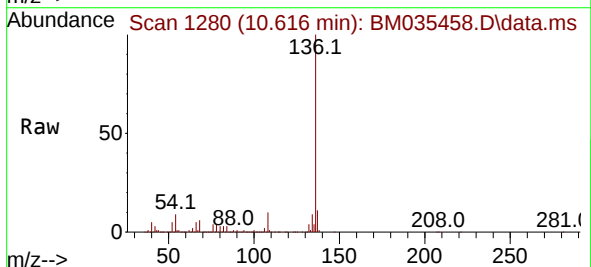
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)

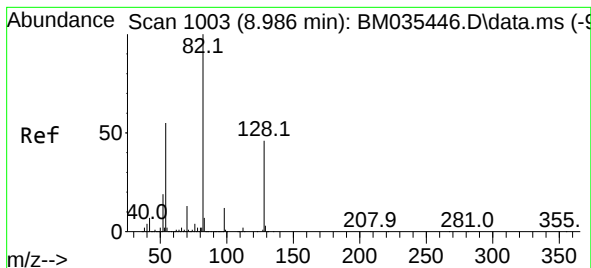
Tgt Ion: 99 Resp: 2718461
Ion Ratio Lower Upper
99 100
42 20.5 18.8 28.2
71 32.4 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BM035458.D
Acq: 13 Jun 2022 15:34

Tgt Ion:136 Resp: 925002
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.5 7.0 10.4
68 6.3 4.3 6.5





#23

Nitrobenzene-d5

Concen: 97.312 ng

RT: 8.981 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BM035458.D

Acq: 13 Jun 2022 15:34

Instrument :

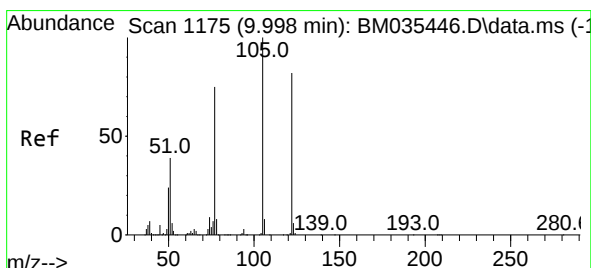
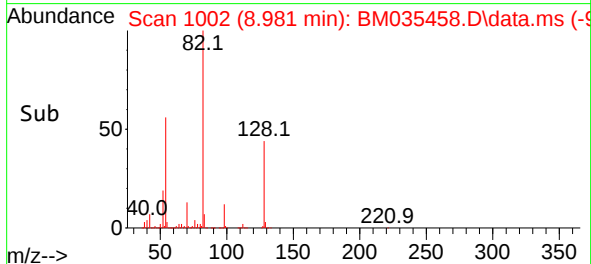
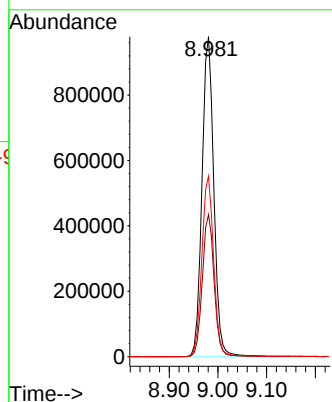
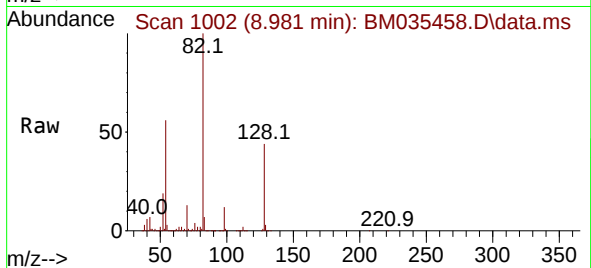
BNA_M

ClientSampleId :

B-220(26-28)

Tgt Ion: 82 Resp: 1656386

Ion	Ratio	Lower	Upper
82	100		
128	44.4	33.7	50.5
54	56.4	43.2	64.8



#32

Benzoic acid

Concen: 4.664 ng

RT: 9.987 min Scan# 1173

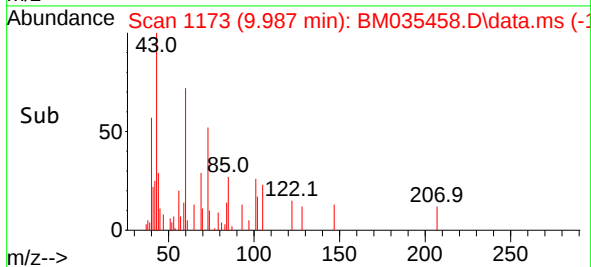
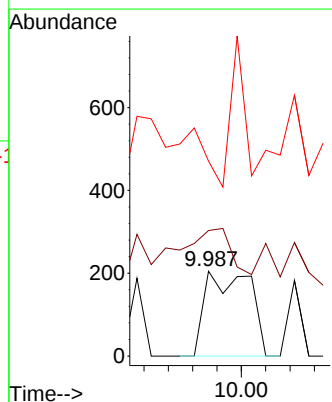
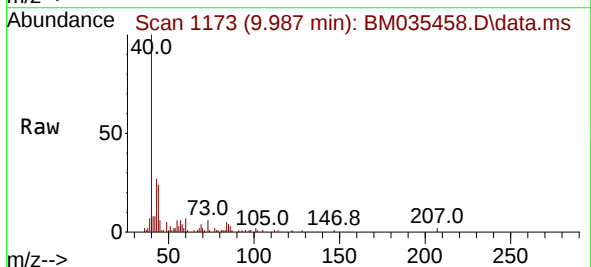
Delta R.T. -0.011 min

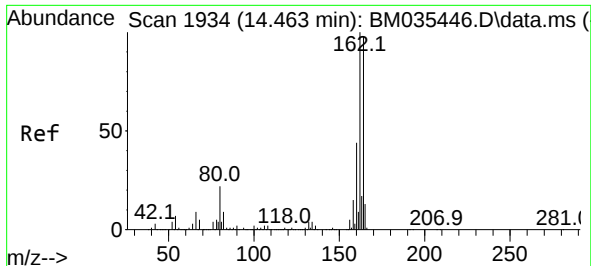
Lab File: BM035458.D

Acq: 13 Jun 2022 15:34

Tgt Ion: 122 Resp: 261

Ion	Ratio	Lower	Upper
122	100		
105	147.8	105.7	145.7#
77	229.8	80.0	120.0#

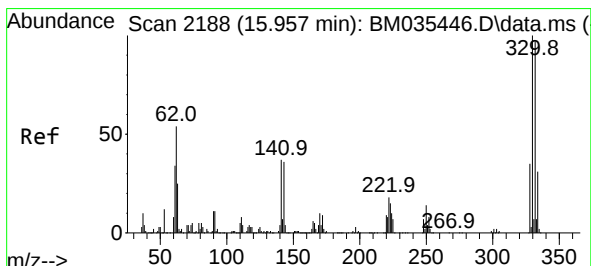
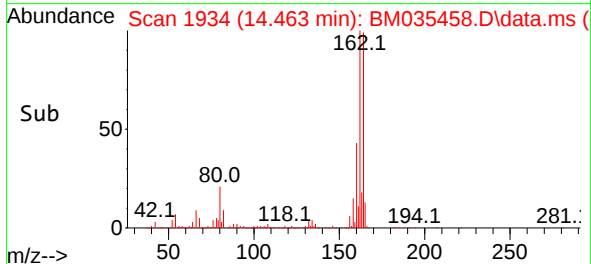
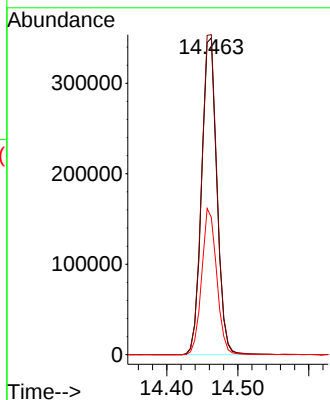
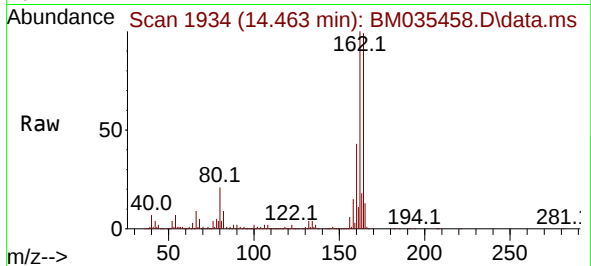




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BM035458.D
Acq: 13 Jun 2022 15:34

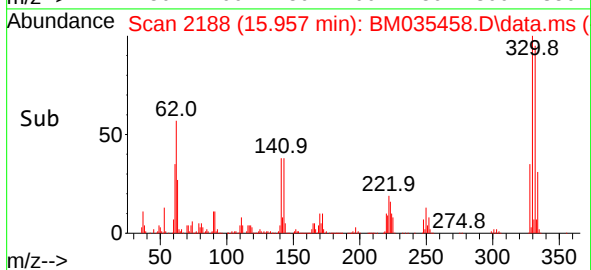
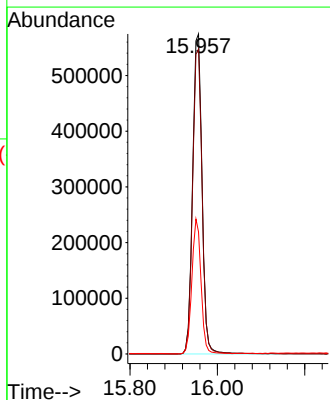
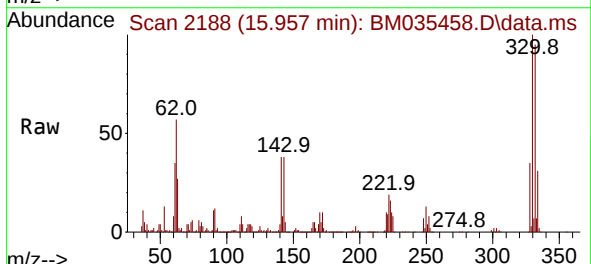
Instrument :
BNA_M
ClientSampleId :
B-220(26-28)

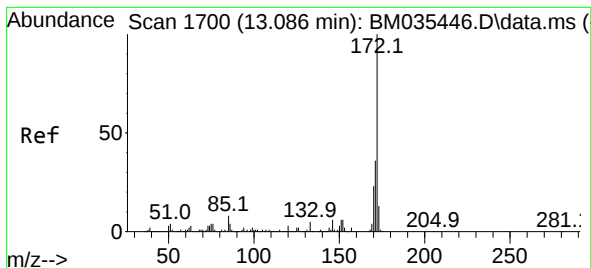
Tgt Ion:164 Resp: 522113
Ion Ratio Lower Upper
164 100
162 101.1 83.0 124.6
160 43.4 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 155.260 ng
RT: 15.957 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BM035458.D
Acq: 13 Jun 2022 15:34

Tgt Ion:330 Resp: 863049
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 40.7 35.3 52.9





#45

2-Fluorobiphenyl

Concen: 93.514 ng

RT: 13.086 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM035458.D

Acq: 13 Jun 2022 15:34

Instrument :

BNA_M

ClientSampleId :

B-220(26-28)

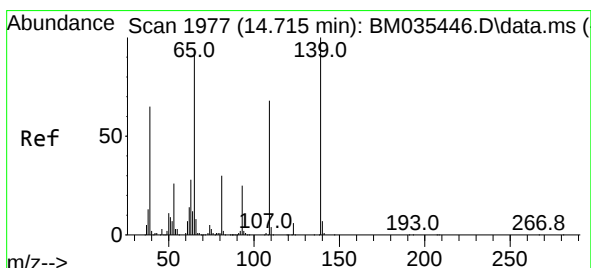
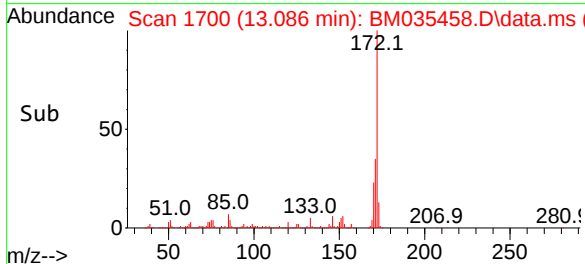
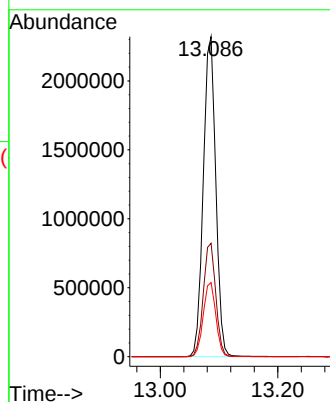
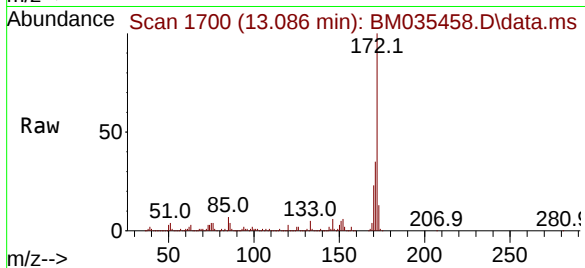
Tgt Ion:172 Resp: 3417622

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 23.1 18.7 28.1



#56

4-Nitrophenol

Concen: 5.691 ng

RT: 14.763 min Scan# 1985

Delta R.T. 0.048 min

Lab File: BM035458.D

Acq: 13 Jun 2022 15:34

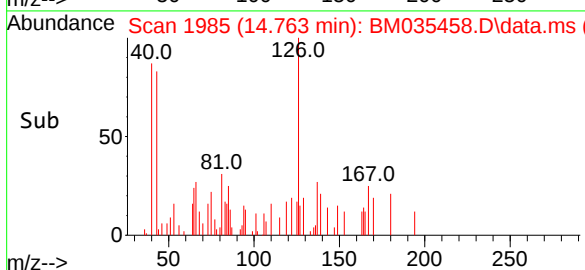
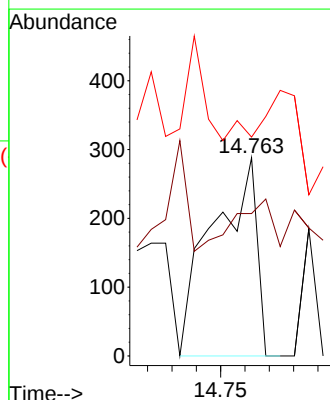
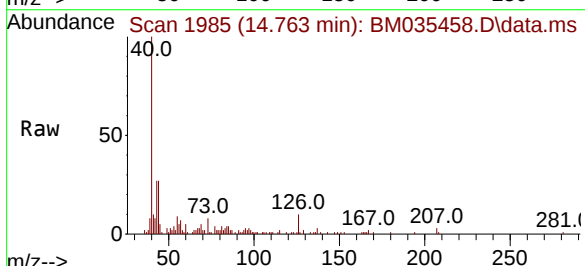
Tgt Ion:139 Resp: 360

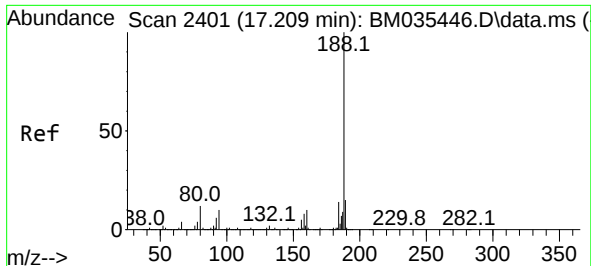
Ion Ratio Lower Upper

139 100

109 71.9 62.5 102.5

65 110.4 83.5 123.5

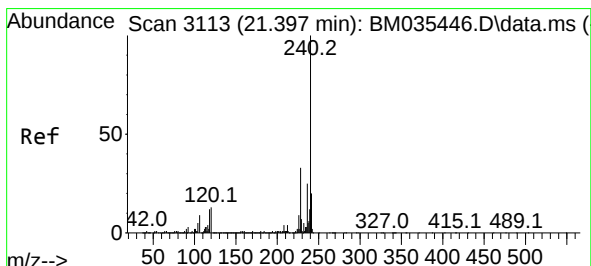
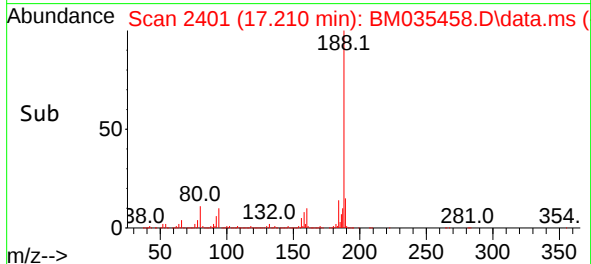
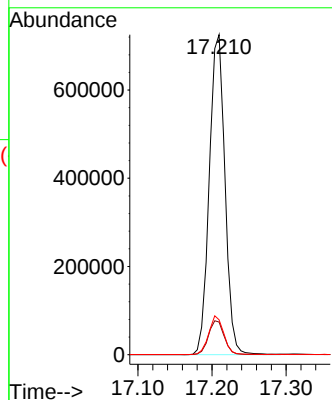
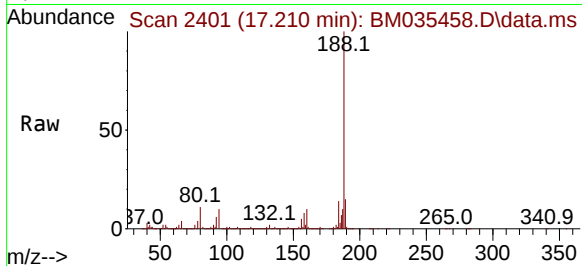




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BM035458.D
Acq: 13 Jun 2022 15:34

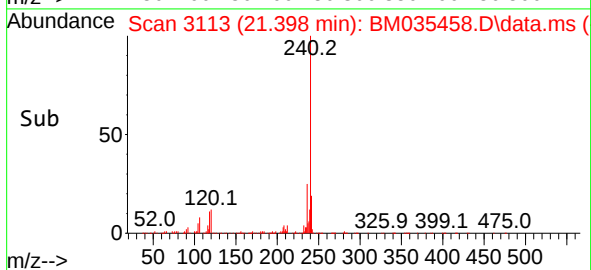
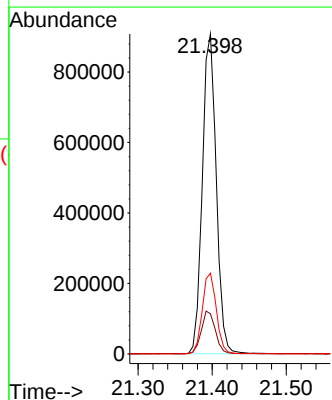
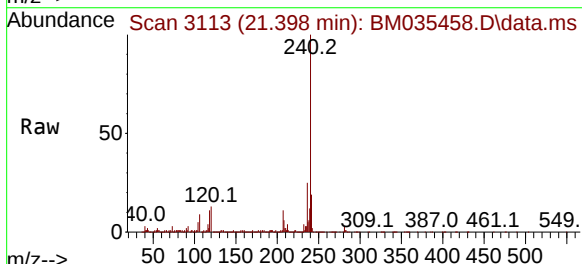
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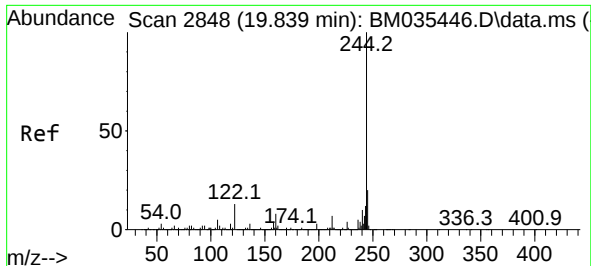
Tgt Ion:188 Resp: 1066024
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.4
80 10.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM035458.D
Acq: 13 Jun 2022 15:34

Tgt Ion:240 Resp: 1184040
Ion Ratio Lower Upper
240 100
120 12.5 9.4 14.0
236 25.2 20.6 30.8

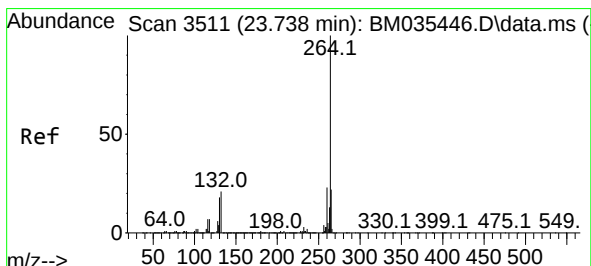
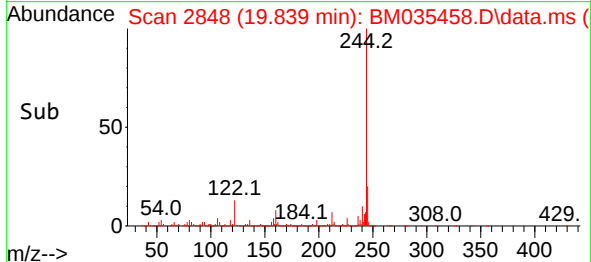
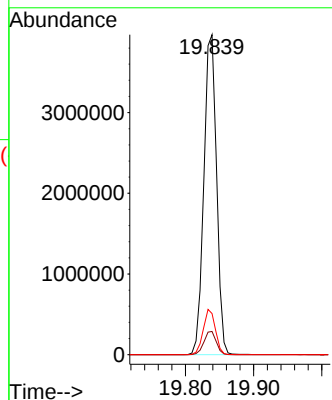
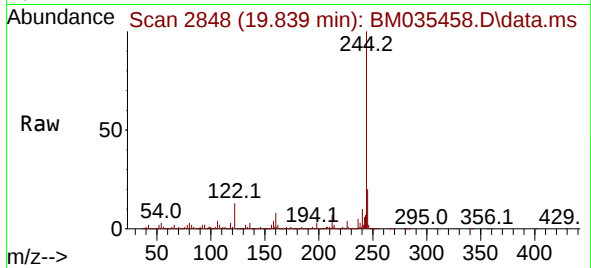




#79
 Terphenyl-d14
 Concen: 82.977 ng
 RT: 19.839 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM035458.D
 Acq: 13 Jun 2022 15:34

Instrument :
 BNA_M
 ClientSampleId :
 B-220(26-28)

Tgt Ion:244 Resp: 5145658
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 12.8 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.739 min Scan# 3511
 Delta R.T. 0.000 min
 Lab File: BM035458.D
 Acq: 13 Jun 2022 15:34

Tgt Ion:264 Resp: 1336402
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 22.5 17.5 26.3

