

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081924\
Data File : BM047257.D
Acq On : 19 Aug 2024 18:08
Operator : RC/JU
Sample : P3609-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
920-J-WS-081424

Quant Time: Aug 19 18:50:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.363	152	161055	20.000	ng	-0.01
21) Naphthalene-d8	10.116	136	602261	20.000	ng	-0.02
39) Acenaphthene-d10	14.021	164	400185	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	911557	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1070133	20.000	ng	0.00
86) Perylene-d12	23.732	264	1179966	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	516759	57.332	ng	0.00
7) Phenol-d6	6.575	99	424276	34.162	ng	-0.01
23) Nitrobenzene-d5	8.510	82	920439	76.955	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	812875	175.181	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	2074211	79.951	ng	-0.01
79) Terphenyl-d14	19.456	244	4600226	92.112	ng	0.00

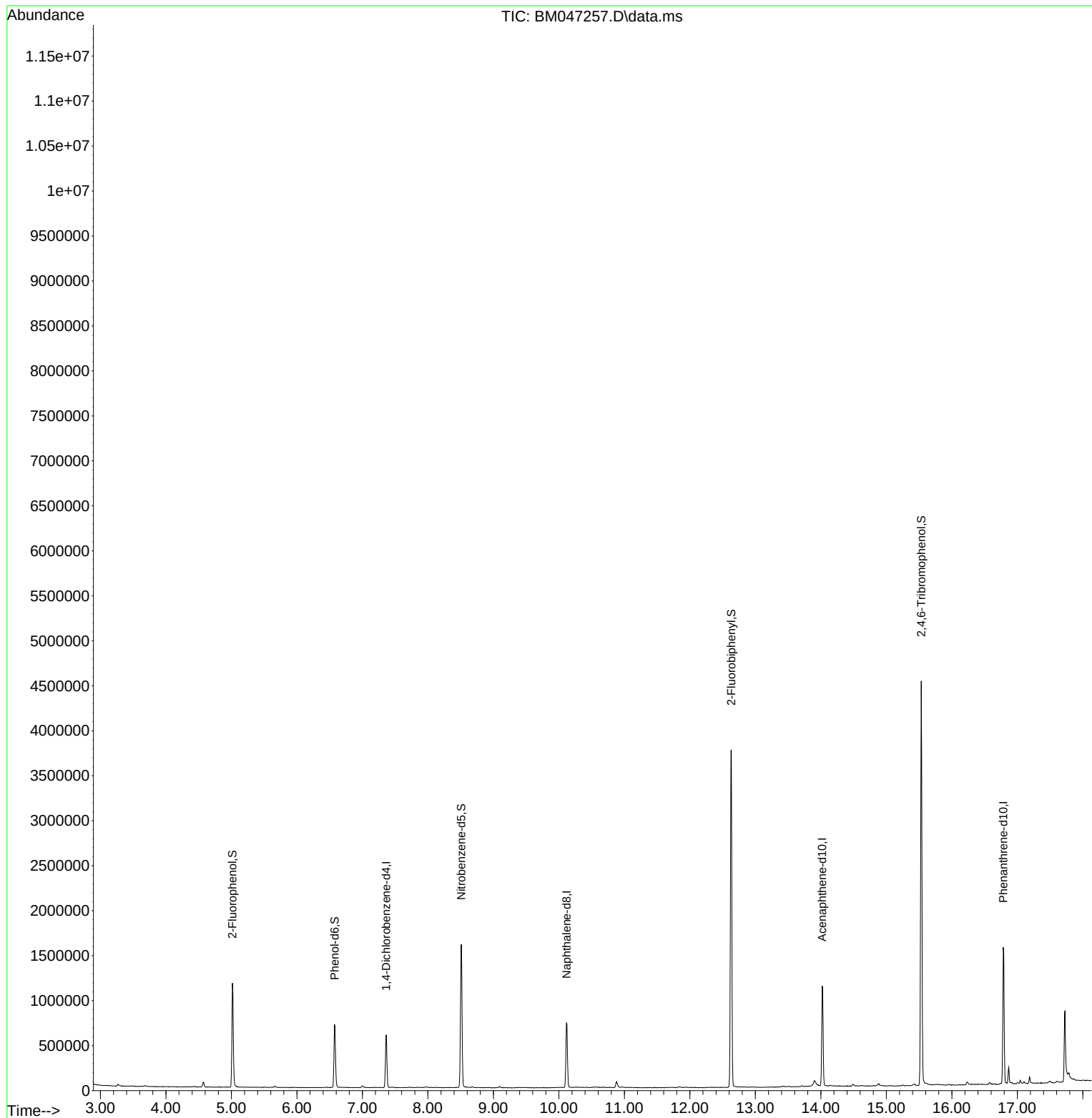
Target Compounds	Qvalue

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

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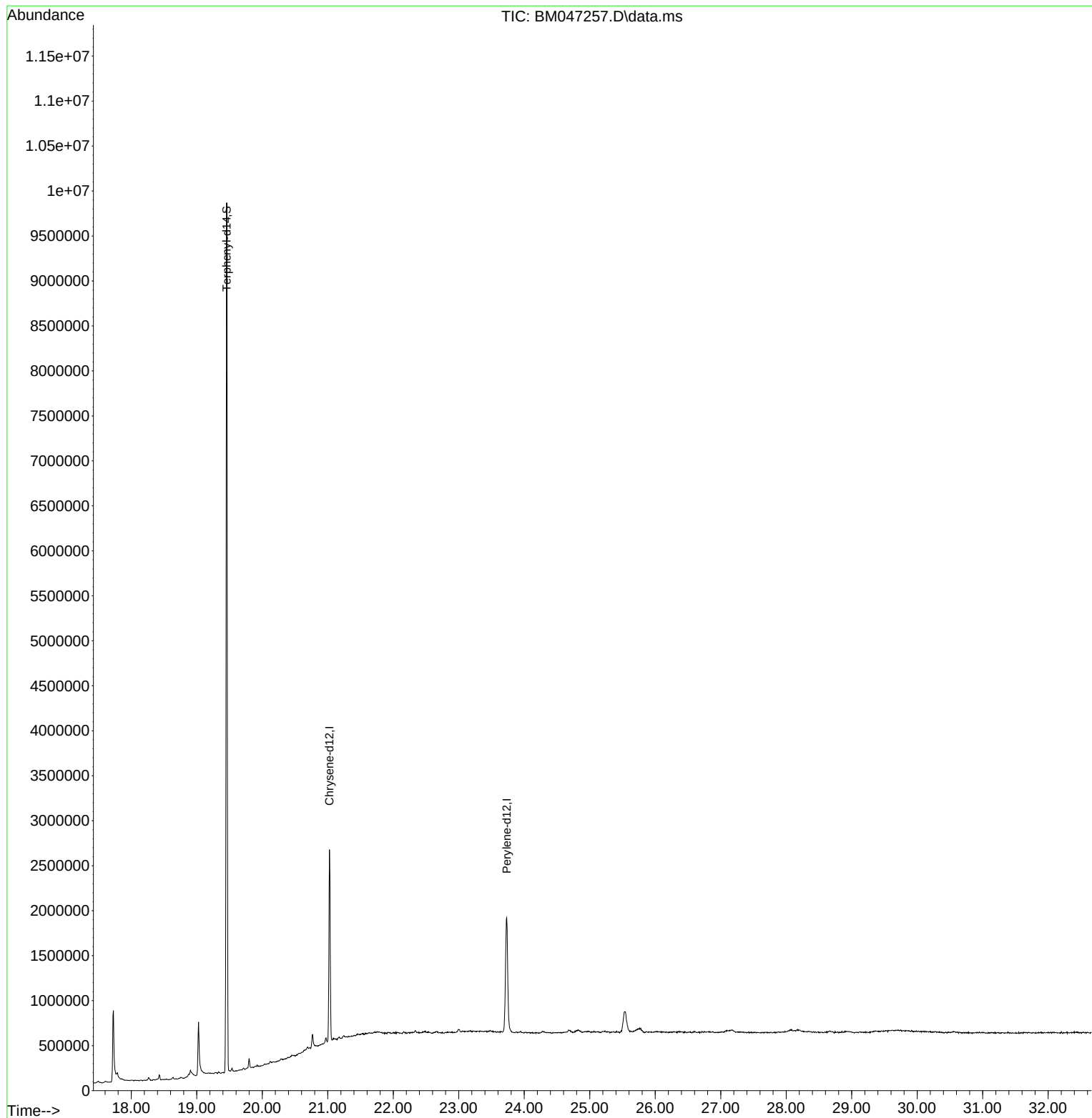
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
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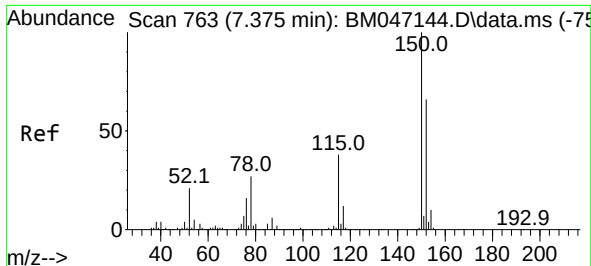


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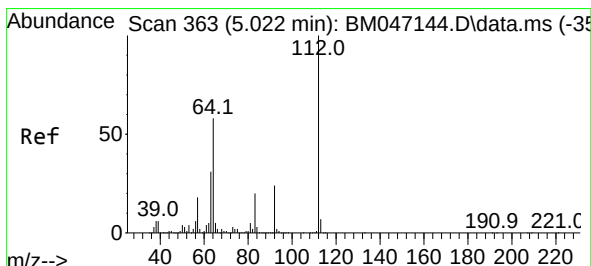
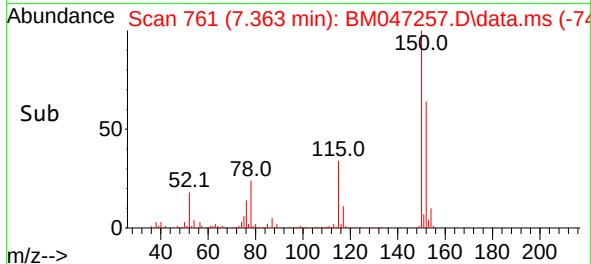
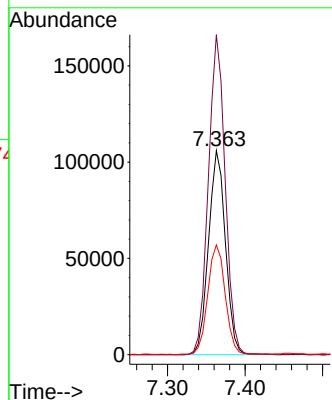
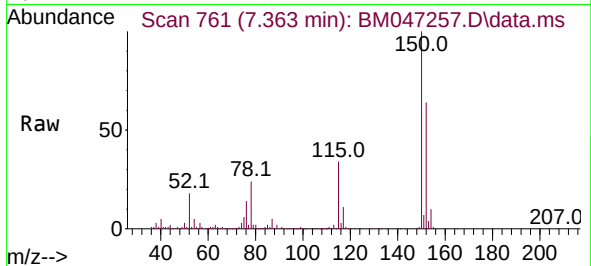




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 70
Delta R.T. -0.012 min
Lab File: BM047257.D
Acq: 19 Aug 2024 18:08

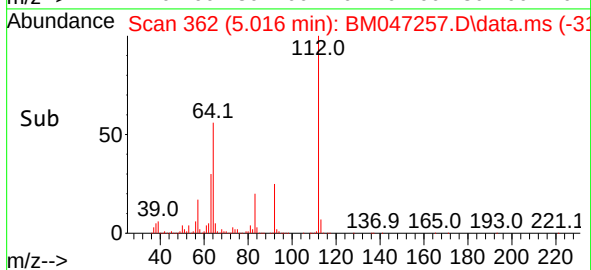
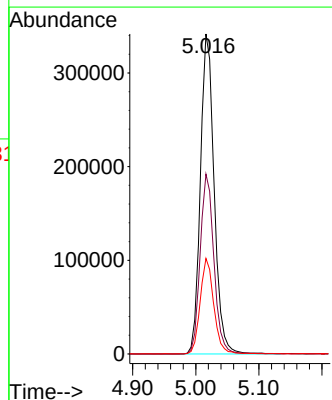
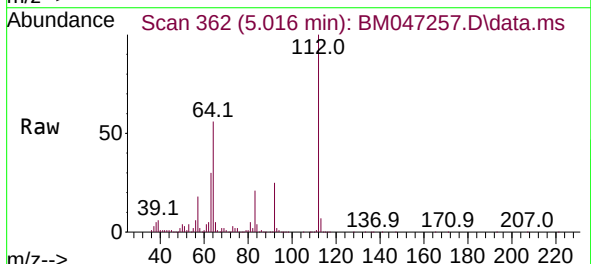
Instrument :
BNA_M
ClientSampleId :
920-J-WS-081424

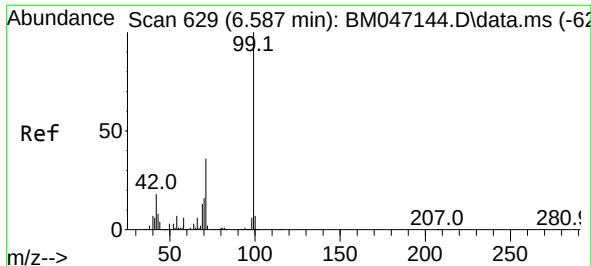
Tgt Ion:152 Resp: 161055
Ion Ratio Lower Upper
152 100
150 156.8 120.5 180.7
115 53.8 45.5 68.3



#5
2-Fluorophenol
Concen: 57.332 ng
RT: 5.016 min Scan# 362
Delta R.T. -0.006 min
Lab File: BM047257.D
Acq: 19 Aug 2024 18:08

Tgt Ion:112 Resp: 516759
Ion Ratio Lower Upper
112 100
64 56.2 46.7 70.1
63 29.9 24.8 37.2

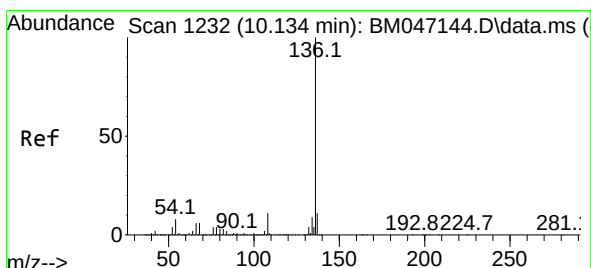
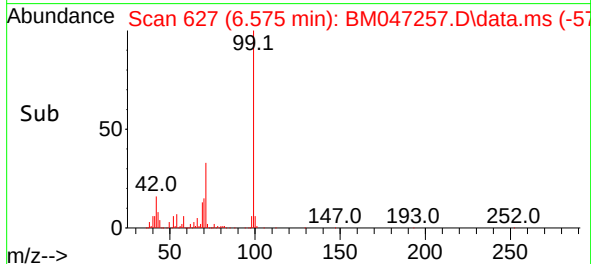
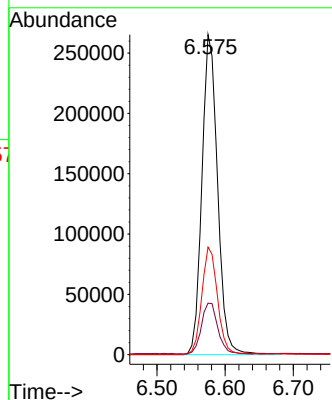
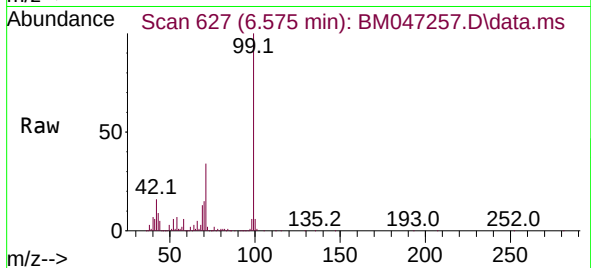




#7
Phenol-d6
Concen: 34.162 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047257.D
Acq: 19 Aug 2024 18:08

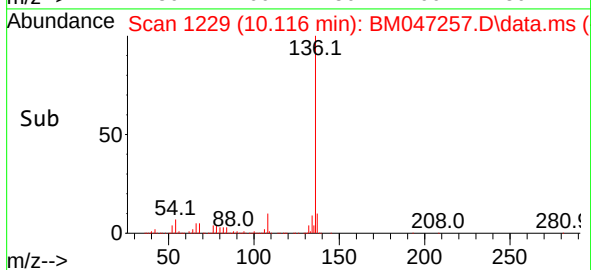
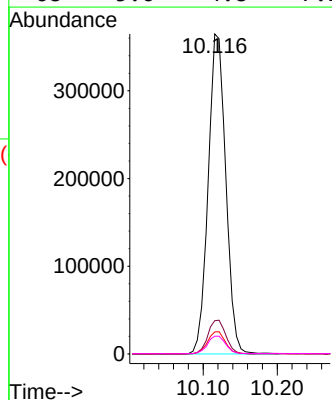
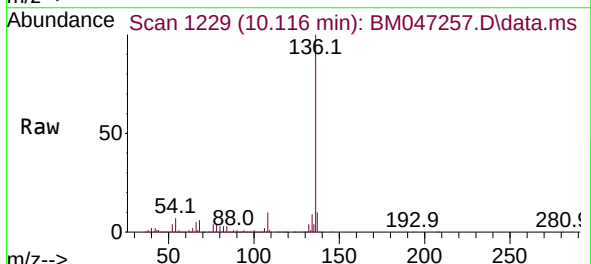
Instrument :
BNA_M
ClientSampleId :
920-J-WS-081424

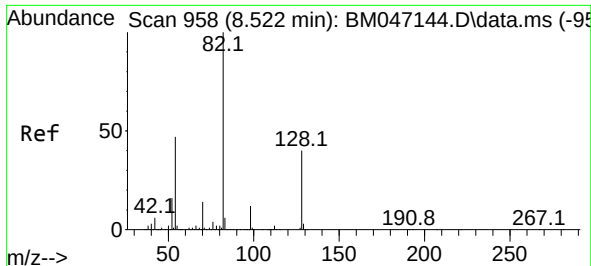
Tgt Ion: 99 Resp: 424276
Ion Ratio Lower Upper
99 100
42 16.1 14.1 21.1
71 33.6 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.116 min Scan# 1229
Delta R.T. -0.018 min
Lab File: BM047257.D
Acq: 19 Aug 2024 18:08

Tgt Ion: 136 Resp: 602261
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 6.9 6.0 9.0
68 5.6 4.8 7.2

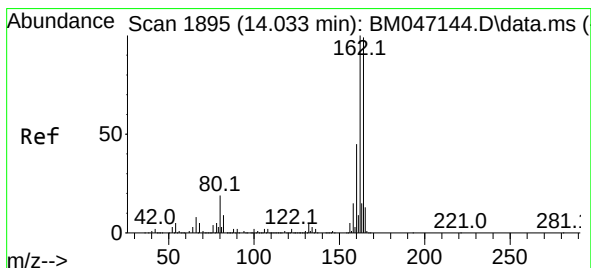
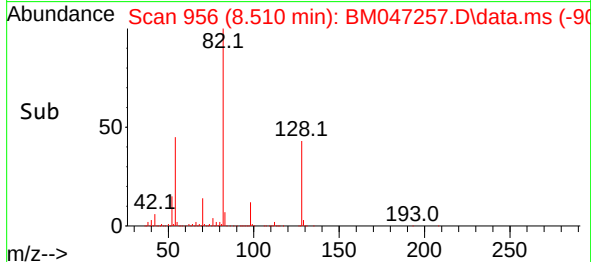
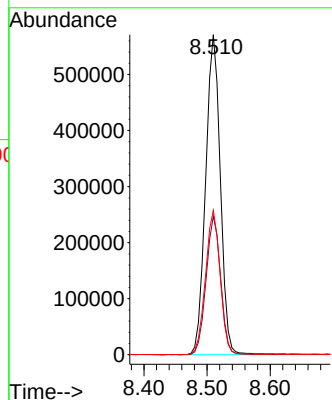
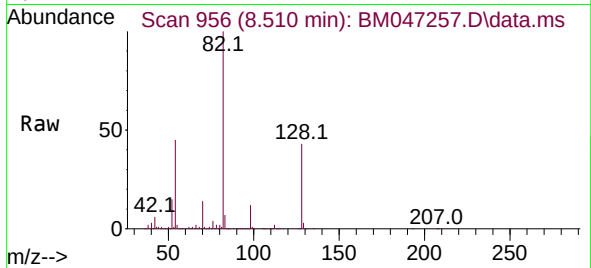




#23
Nitrobenzene-d5
Concen: 76.955 ng
RT: 8.510 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM047257.D
Acq: 19 Aug 2024 18:08

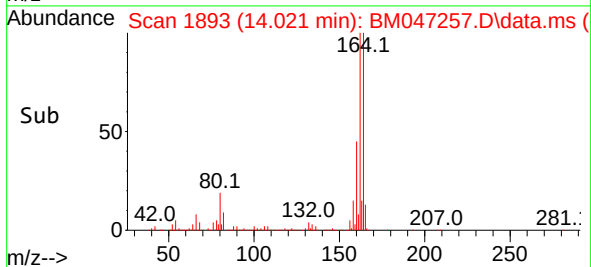
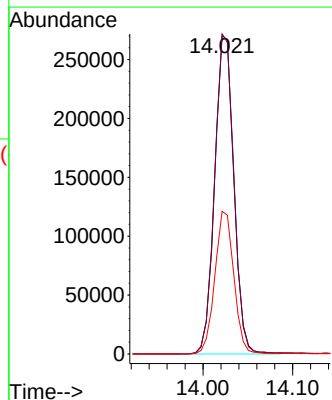
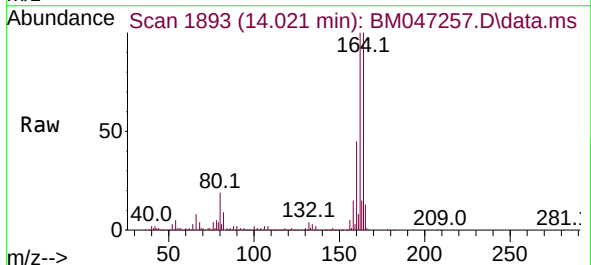
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BNA_M
ClientSampleId :
920-J-WS-081424

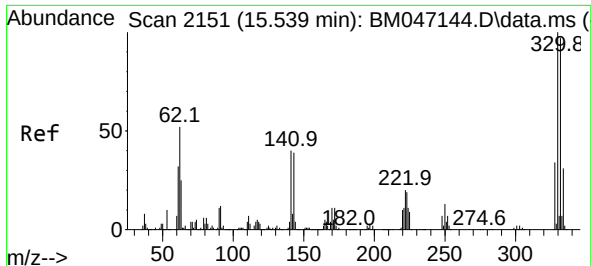
Tgt Ion: 82 Resp: 920439
Ion Ratio Lower Upper
82 100
128 43.3 32.3 48.5
54 45.1 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.021 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BM047257.D
Acq: 19 Aug 2024 18:08

Tgt Ion: 164 Resp: 400185
Ion Ratio Lower Upper
164 100
162 100.4 80.7 121.1
160 44.8 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 175.181 ng

RT: 15.533 min Scan# 2151

Delta R.T. -0.006 min

Lab File: BM047257.D

Acq: 19 Aug 2024 18:08

Instrument :

BNA_M

ClientSampleId :

920-J-WS-081424

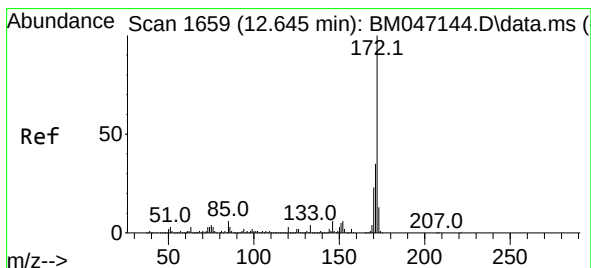
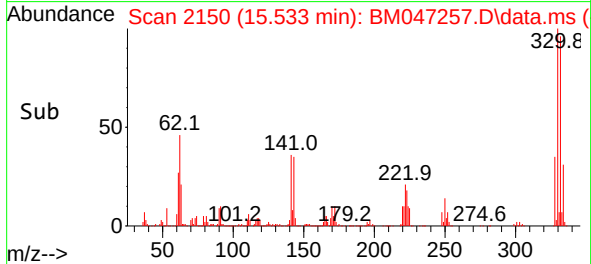
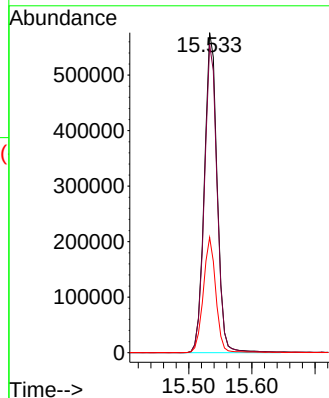
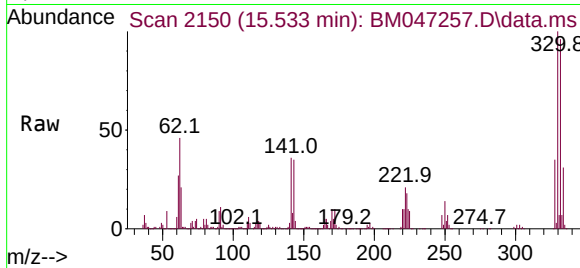
Tgt Ion:330 Resp: 812875

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

141 35.2 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 79.951 ng

RT: 12.633 min Scan# 1657

Delta R.T. -0.012 min

Lab File: BM047257.D

Acq: 19 Aug 2024 18:08

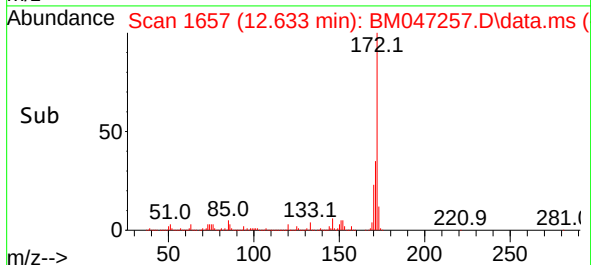
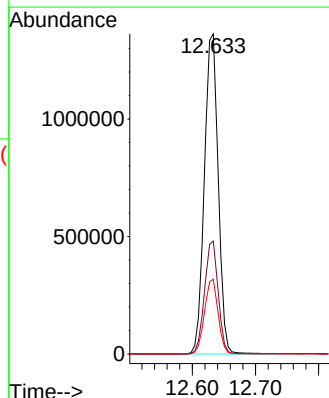
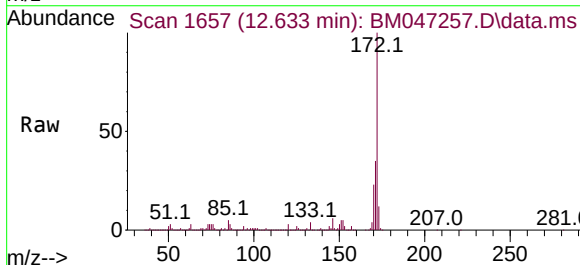
Tgt Ion:172 Resp: 2074211

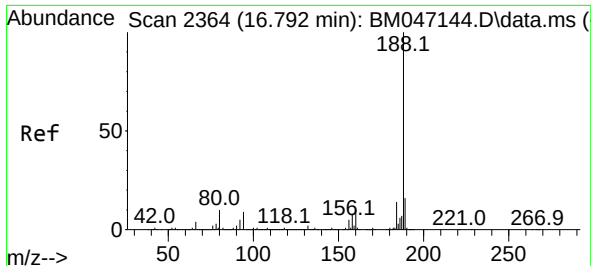
Ion Ratio Lower Upper

172 100

171 35.3 27.8 41.6

170 23.4 18.7 28.1

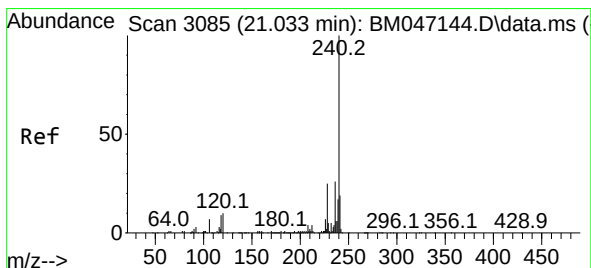
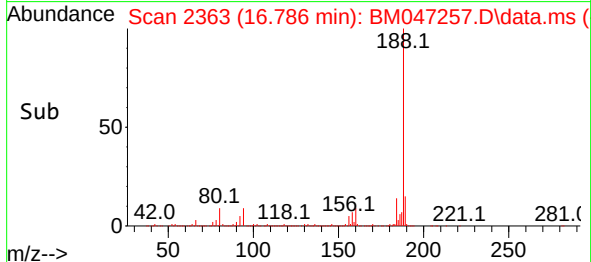
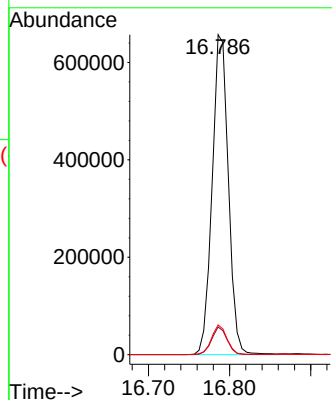
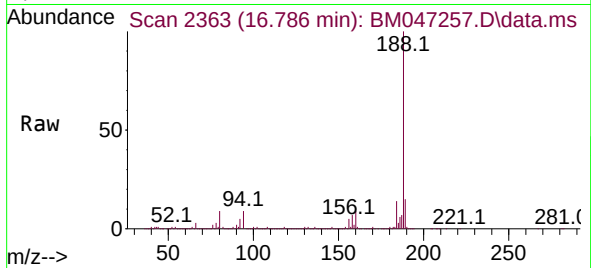




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.786 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047257.D
Acq: 19 Aug 2024 18:08

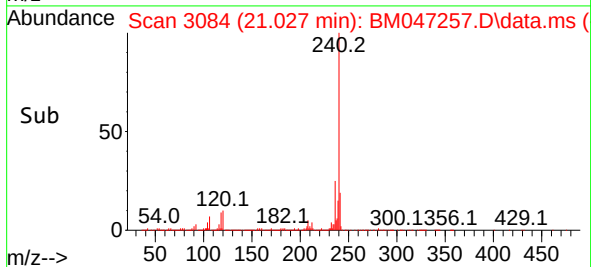
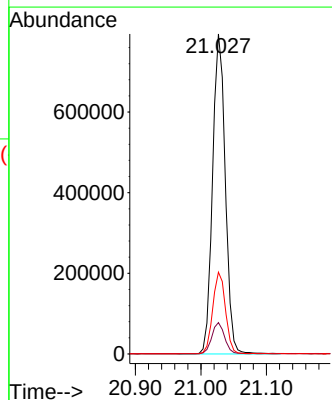
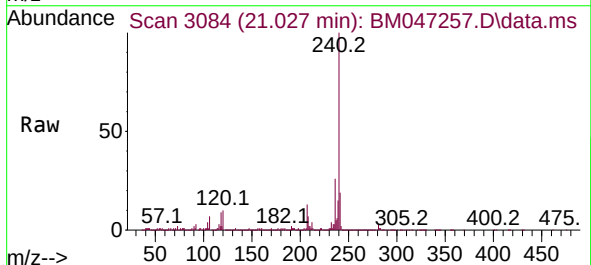
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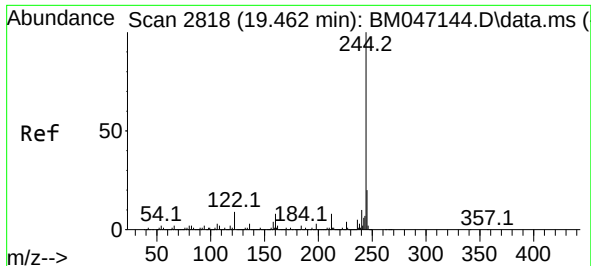
Tgt Ion:188 Resp: 911557
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.3 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.027 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM047257.D
Acq: 19 Aug 2024 18:08

Tgt Ion:240 Resp: 1070133
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.2
236 25.5 20.6 30.8

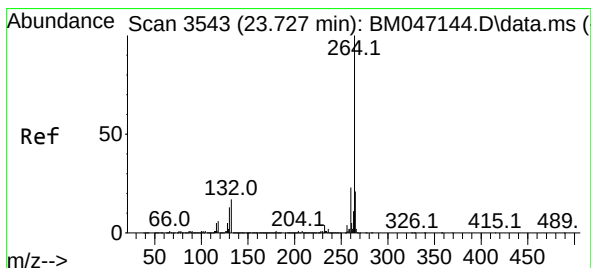
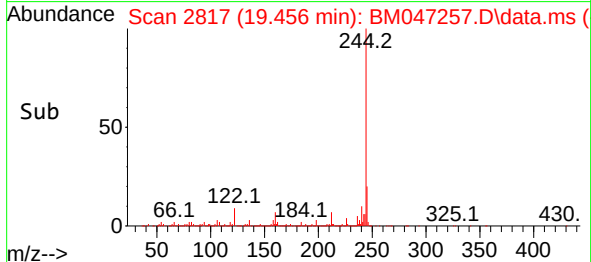
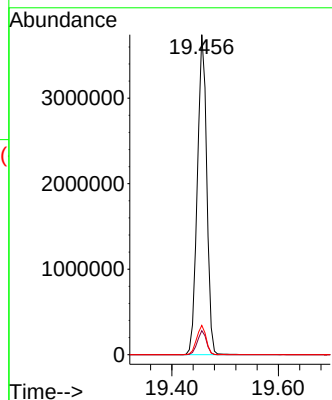
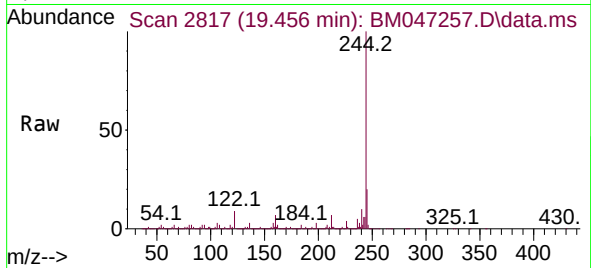




#79
 Terphenyl-d14
 Concen: 92.112 ng
 RT: 19.456 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047257.D
 Acq: 19 Aug 2024 18:08

Instrument :
 BNA_M
 ClientSampleId :
 920-J-WS-081424

Tgt Ion:244 Resp: 4600226
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 9.2 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.732 min Scan# 3544
 Delta R.T. 0.006 min
 Lab File: BM047257.D
 Acq: 19 Aug 2024 18:08

Tgt Ion:264 Resp: 1179966
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.5 27.7
 265 22.4 17.3 25.9

