

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081624\
 Data File : BM047236.D
 Acq On : 16 Aug 2024 15:51
 Operator : RC/JU
 Sample : P3582-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-855-J-SO-1-1.5-081224

Quant Time: Aug 16 17:06:12 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	244198	20.000	ng	-0.01
21) Naphthalene-d8	10.116	136	837802	20.000	ng	-0.02
39) Acenaphthene-d10	14.022	164	467887	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	919425	20.000	ng	0.00
76) Chrysene-d12	21.021	240	881540	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1059406	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1147278	83.948	ng	0.00
7) Phenol-d6	6.575	99	1433693	76.134	ng	-0.01
23) Nitrobenzene-d5	8.510	82	915299	55.011	ng	-0.01
42) 2,4,6-Tribromophenol	15.527	330	458947	84.595	ng	-0.01
45) 2-Fluorobiphenyl	12.628	172	1757001	57.925	ng	-0.02
79) Terphenyl-d14	19.451	244	2318610	56.359	ng	-0.01

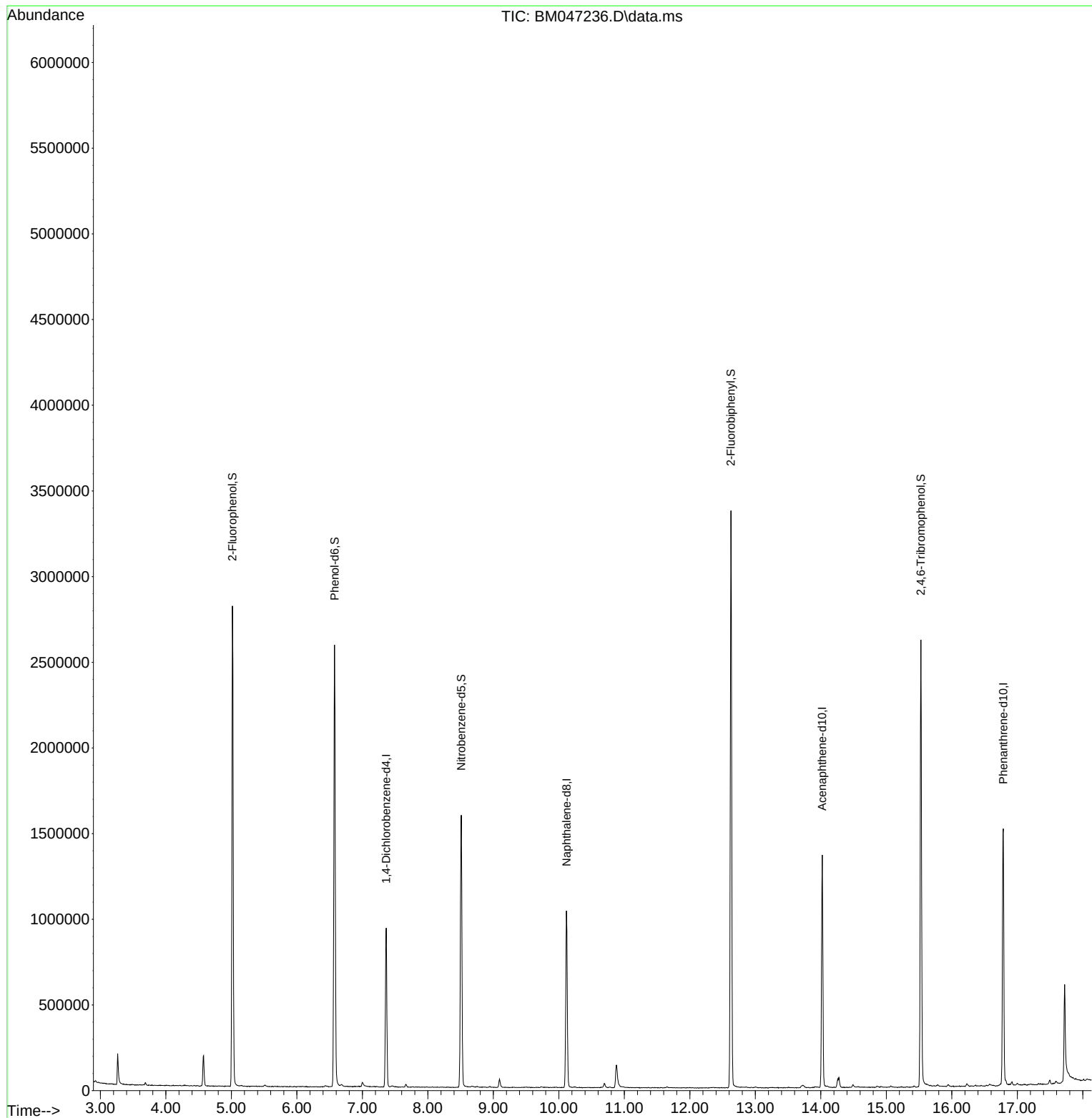
Target Compounds	Qvalue

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

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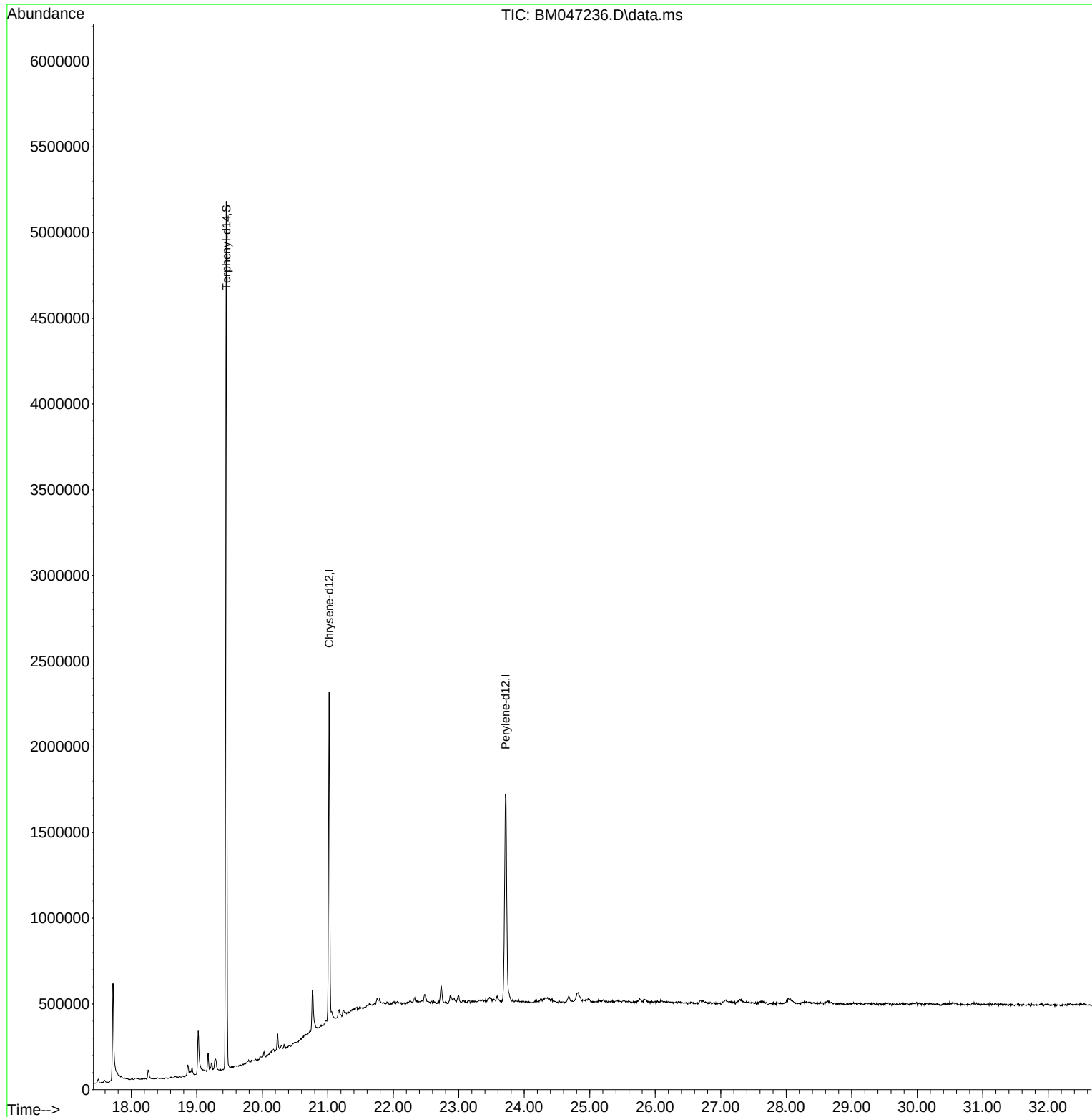
Quant Time: Aug 16 17:06:12 2024
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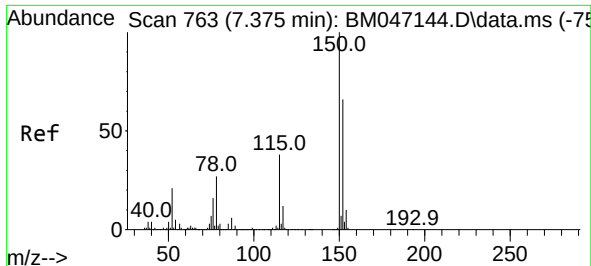


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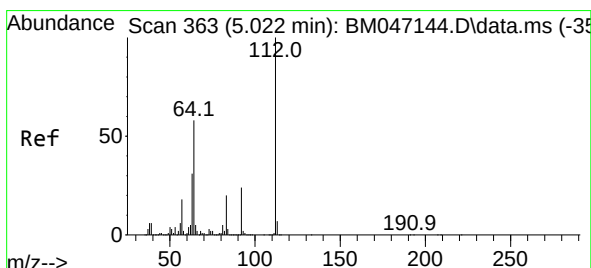
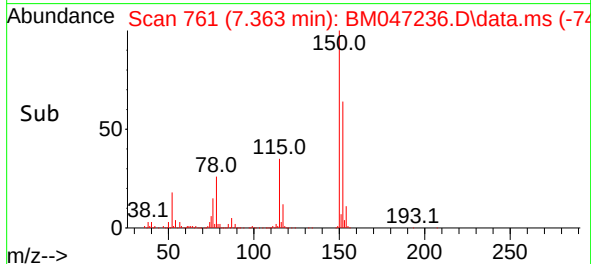
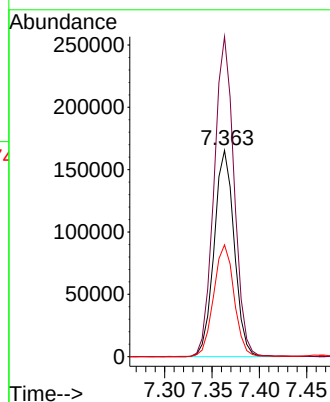
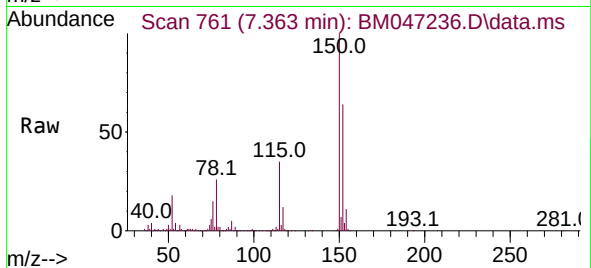




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 761
Delta R.T. -0.012 min
Lab File: BM047236.D
Acq: 16 Aug 2024 15:51

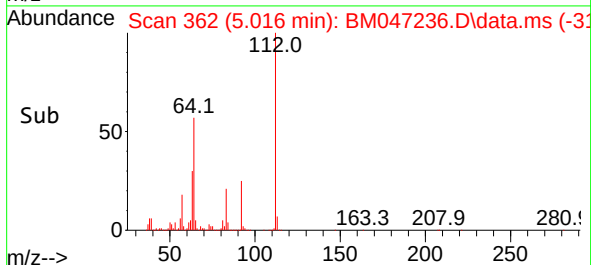
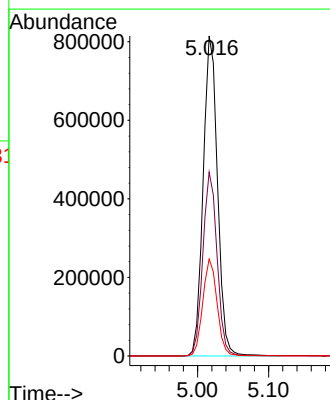
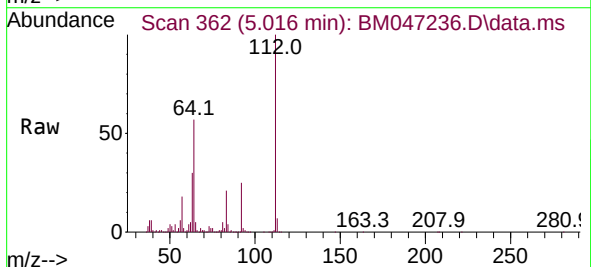
Instrument :
BNA_M
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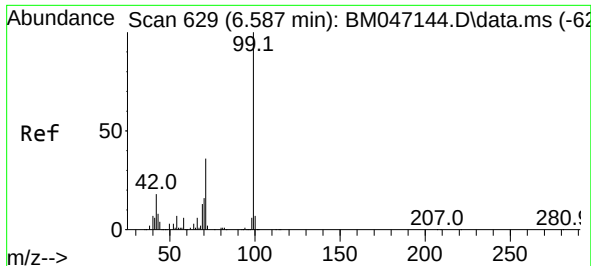
Tgt Ion:152 Resp: 244198
Ion Ratio Lower Upper
152 100
150 155.1 120.5 180.7
115 54.2 45.5 68.3



#5
2-Fluorophenol
Concen: 83.948 ng
RT: 5.016 min Scan# 362
Delta R.T. -0.006 min
Lab File: BM047236.D
Acq: 16 Aug 2024 15:51

Tgt Ion:112 Resp: 1147278
Ion Ratio Lower Upper
112 100
64 57.5 46.7 70.1
63 30.3 24.8 37.2

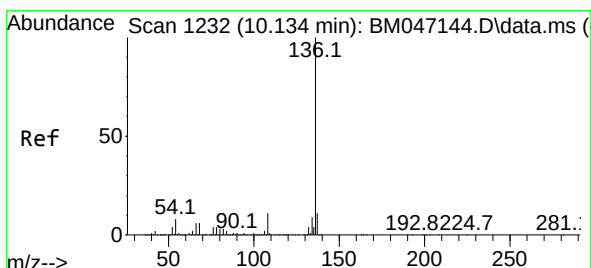
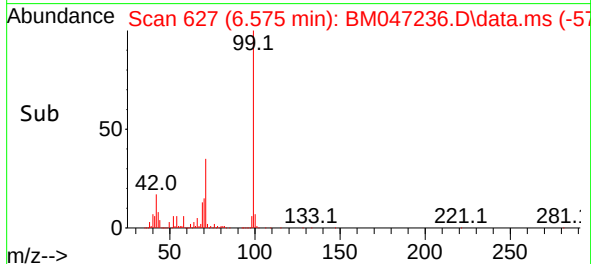
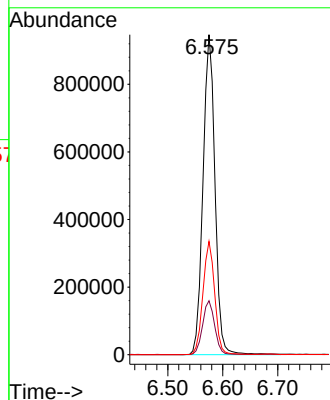
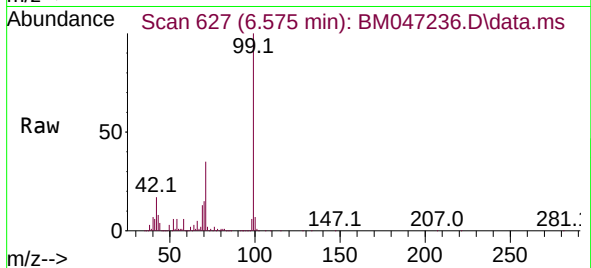




#7
Phenol-d6
Concen: 76.134 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047236.D
Acq: 16 Aug 2024 15:51

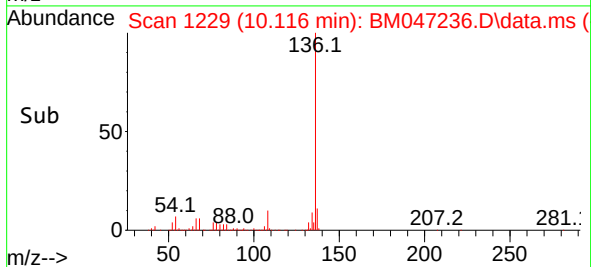
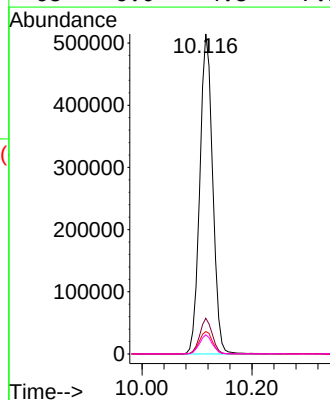
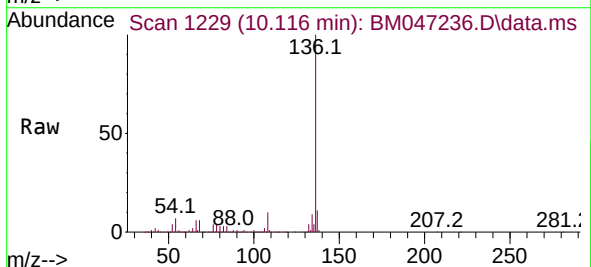
Instrument :
BNA_M
ClientSampleId :
S-855-J-SO-1-1.5-081224

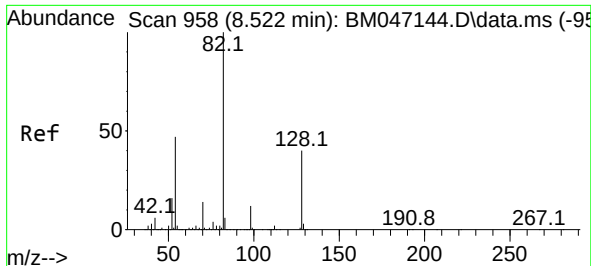
Tgt Ion: 99 Resp: 1433693
Ion Ratio Lower Upper
99 100
42 16.8 14.1 21.1
71 35.4 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.116 min Scan# 1229
Delta R.T. -0.018 min
Lab File: BM047236.D
Acq: 16 Aug 2024 15:51

Tgt Ion: 136 Resp: 837802
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.0 6.0 9.0
68 6.0 4.8 7.2

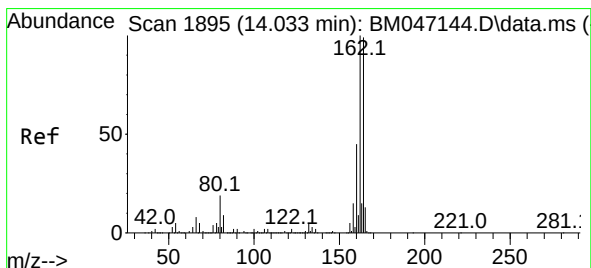
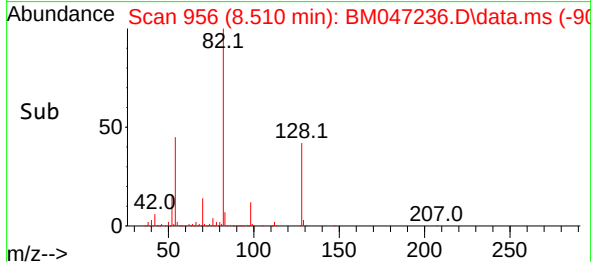
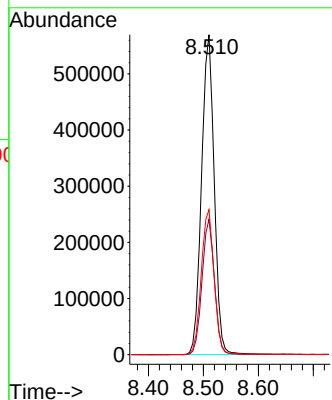
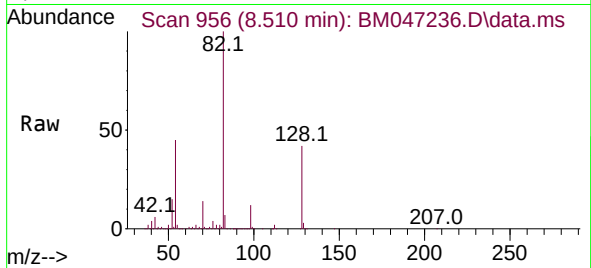




#23
Nitrobenzene-d5
Concen: 55.011 ng
RT: 8.510 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM047236.D
Acq: 16 Aug 2024 15:51

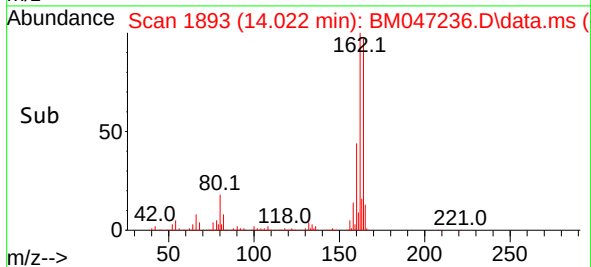
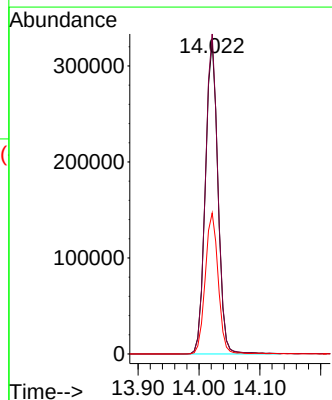
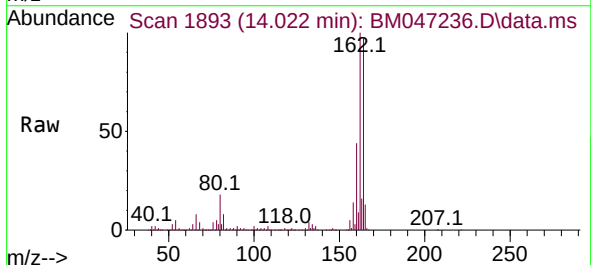
Instrument :
BNA_M
ClientSampleId :
S-855-J-SO-1-1.5-081224

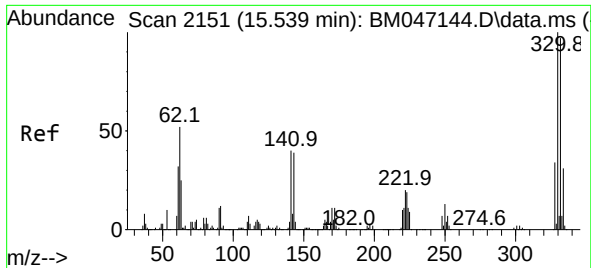
Tgt Ion: 82 Resp: 915299
Ion Ratio Lower Upper
82 100
128 42.4 32.3 48.5
54 45.4 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.022 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BM047236.D
Acq: 16 Aug 2024 15:51

Tgt Ion: 164 Resp: 467887
Ion Ratio Lower Upper
164 100
162 102.7 80.7 121.1
160 45.3 36.0 54.0

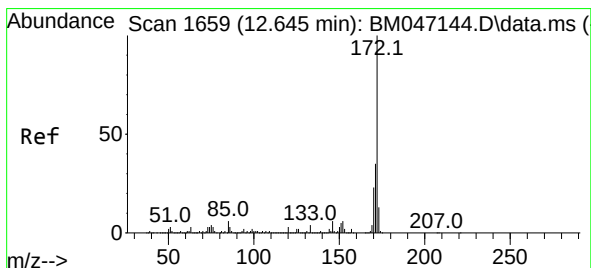
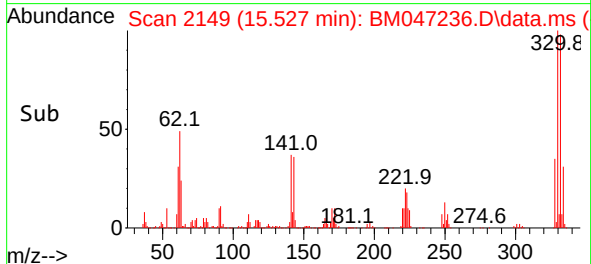
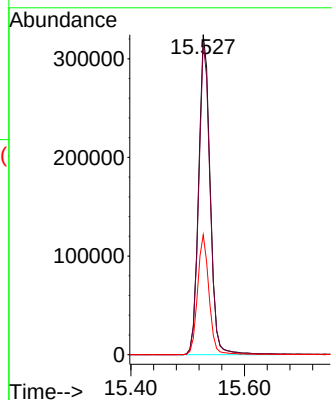
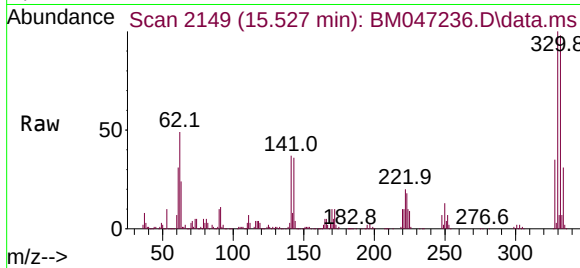




#42
2,4,6-Tribromophenol
Concen: 84.595 ng
RT: 15.527 min Scan# 2151
Delta R.T. -0.012 min
Lab File: BM047236.D
Acq: 16 Aug 2024 15:51

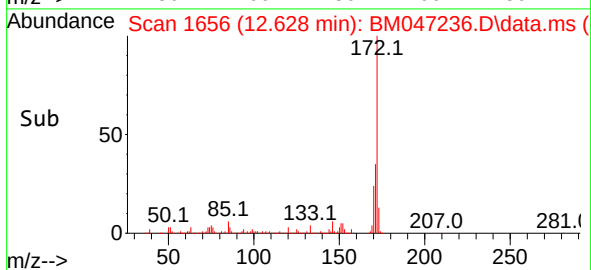
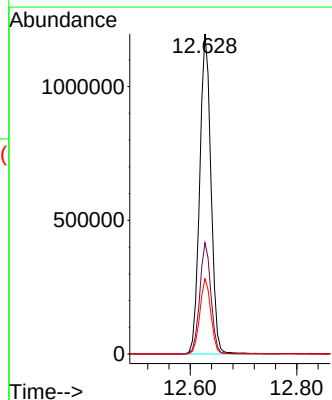
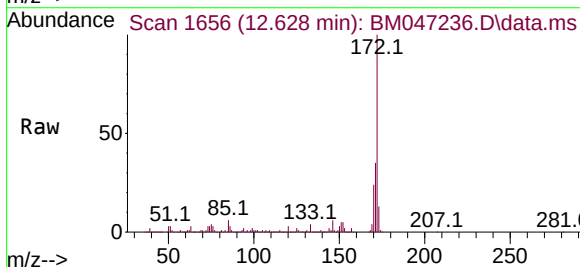
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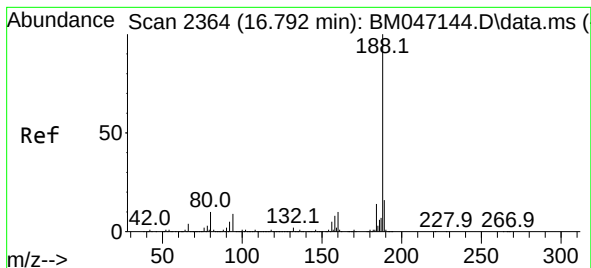
Tgt Ion:330 Resp: 458947
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 37.0 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 57.925 ng
RT: 12.628 min Scan# 1656
Delta R.T. -0.017 min
Lab File: BM047236.D
Acq: 16 Aug 2024 15:51

Tgt Ion:172 Resp: 1757001
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.5 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: BM047236.D

Acq: 16 Aug 2024 15:51

Instrument :

BNA_M

ClientSampleId :

S-855-J-SO-1-1.5-081224

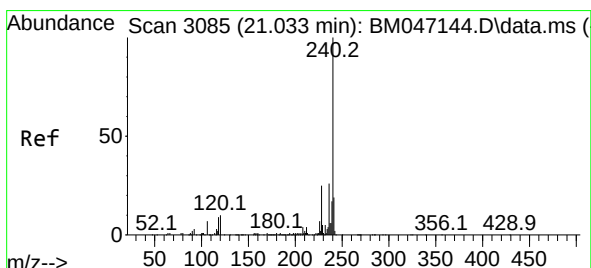
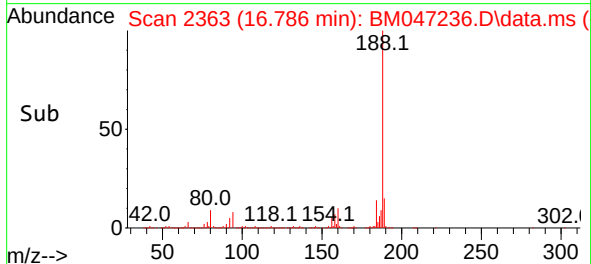
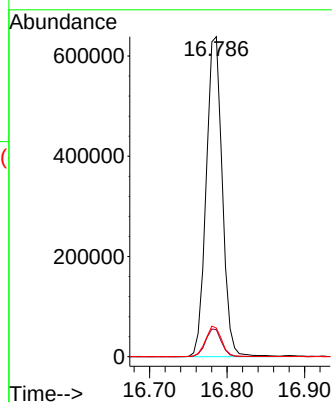
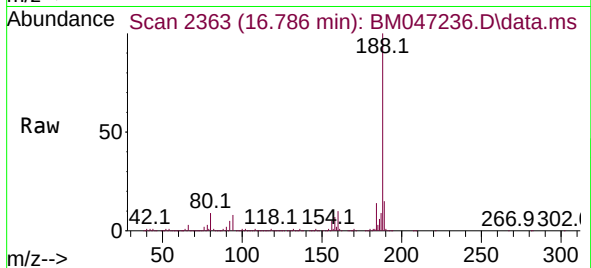
Tgt Ion:188 Resp: 919425

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

80 9.0 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3083

Delta R.T. -0.012 min

Lab File: BM047236.D

Acq: 16 Aug 2024 15:51

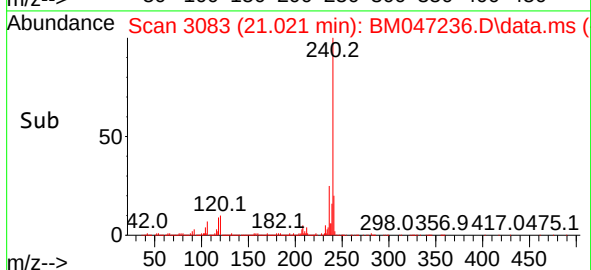
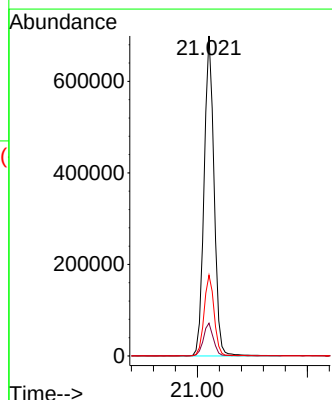
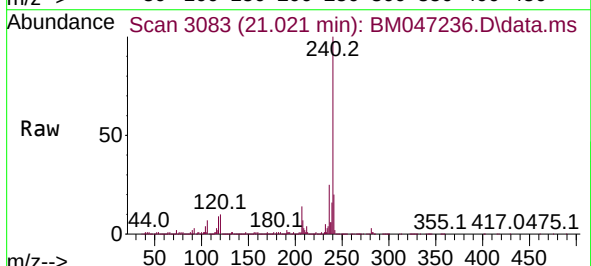
Tgt Ion:240 Resp: 881540

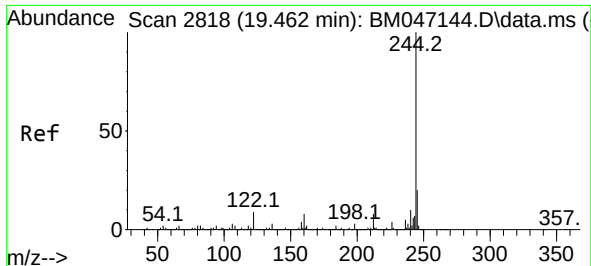
Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.2

236 25.3 20.6 30.8

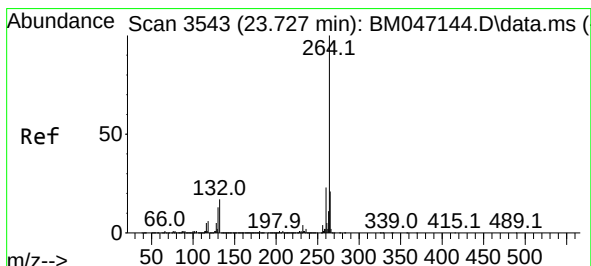
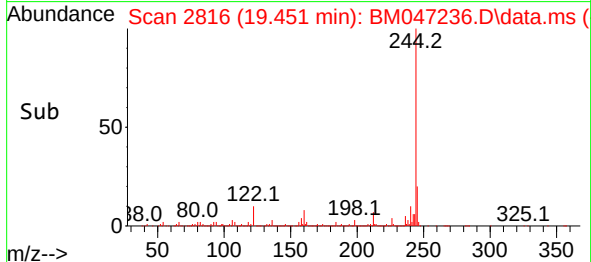
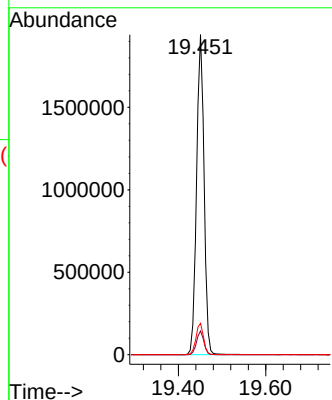
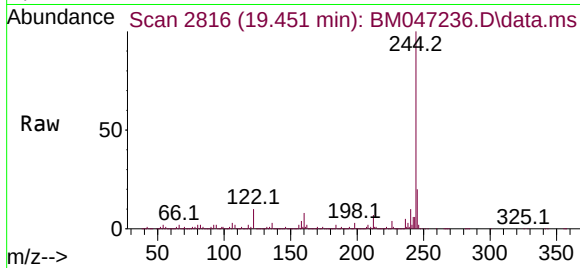




#79
 Terphenyl-d14
 Concen: 56.359 ng
 RT: 19.451 min Scan# 21
 Delta R.T. -0.012 min
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Tgt Ion:244 Resp: 2318610
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 9.8 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.715 min Scan# 3541
 Delta R.T. -0.012 min
 Lab File: BM047236.D
 Acq: 16 Aug 2024 15:51

Tgt Ion:264 Resp: 1059406
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.5 27.7
 265 22.2 17.3 25.9

