

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
 Data File : BM047298.D
 Acq On : 21 Aug 2024 15:06
 Operator : RC/JU
 Sample : P3596-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 918-J-WS-081324-FD

Quant Time: Aug 21 15:54:11 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	7.352	152	190222	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	707486	20.000	ng	-0.02
39) Acenaphthene-d10	14.016	164	485993	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1096795	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	1199656	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1267202	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.011	112	575347	54.045	ng	-0.01
7) Phenol-d6	6.569	99	482583	32.898	ng	-0.02
23) Nitrobenzene-d5	8.499	82	1016396	72.339	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	965595	171.352	ng	-0.01
45) 2-Fluorobiphenyl	12.622	172	2437748	77.373	ng	-0.02
79) Terphenyl-d14	19.451	244	5709708	101.984	ng	-0.01

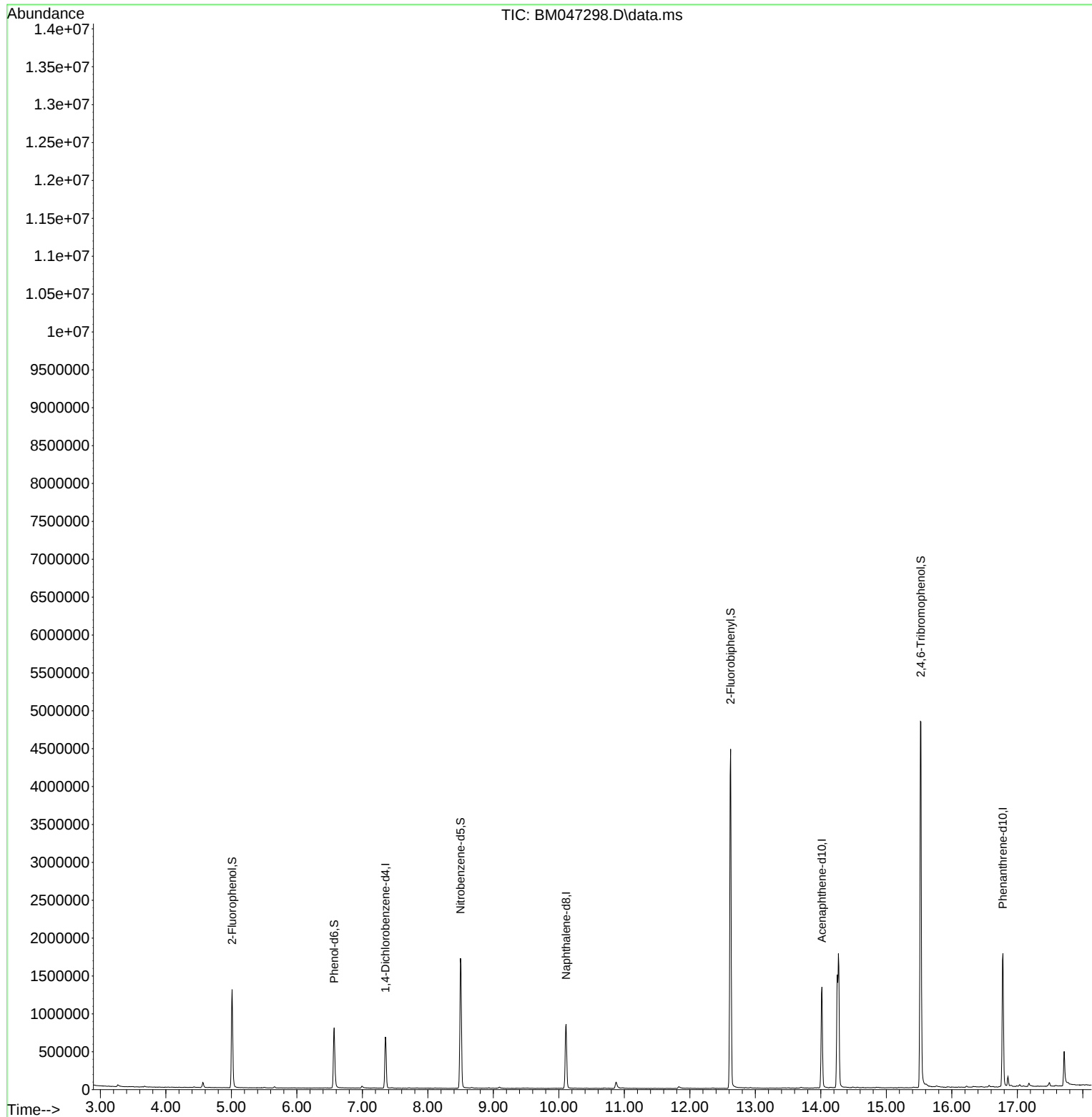
Target Compounds	Qvalue

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

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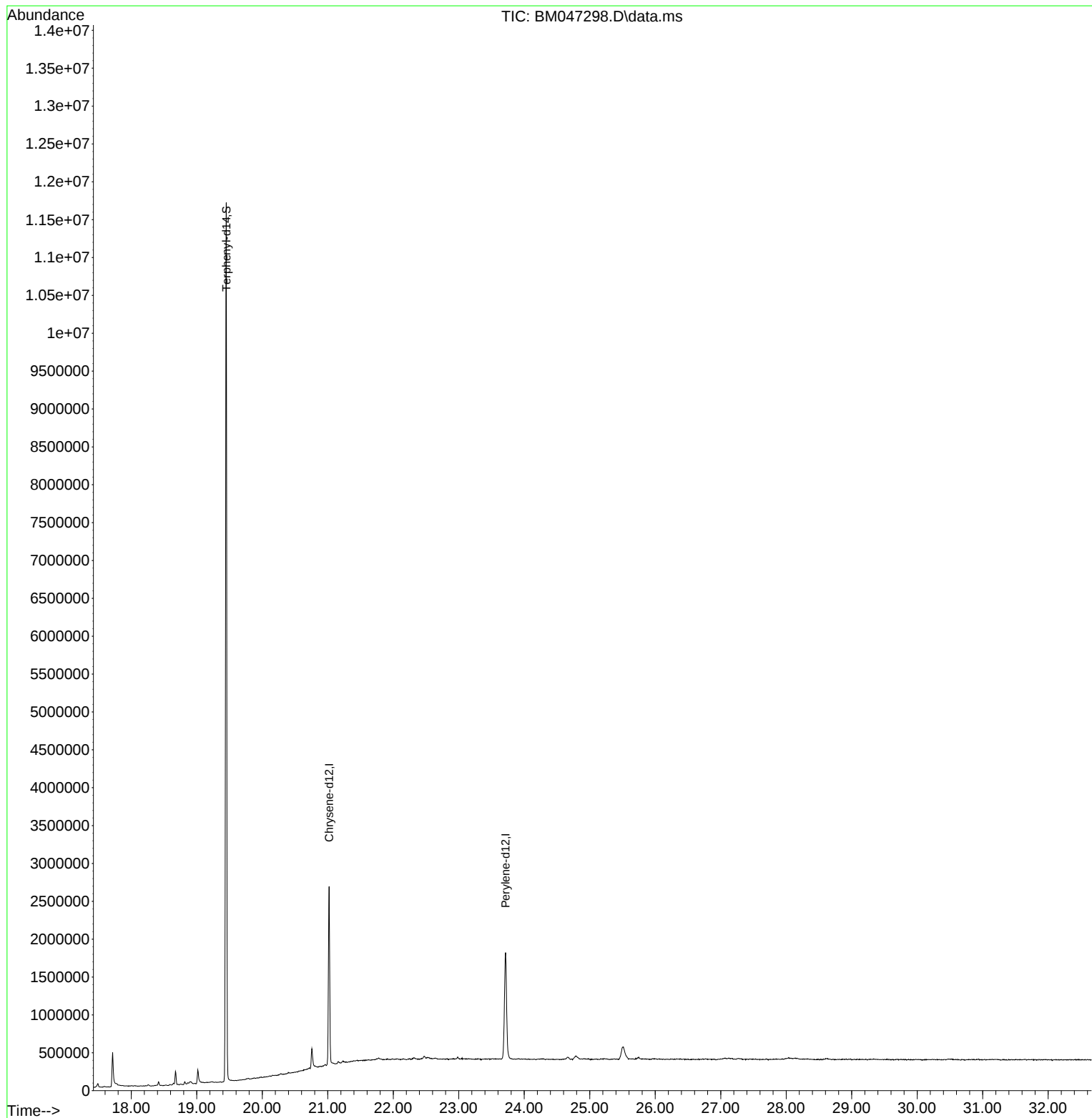
Quant Time: Aug 21 15:54:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
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QLast Update : Sun Aug 11 23:47:58 2024
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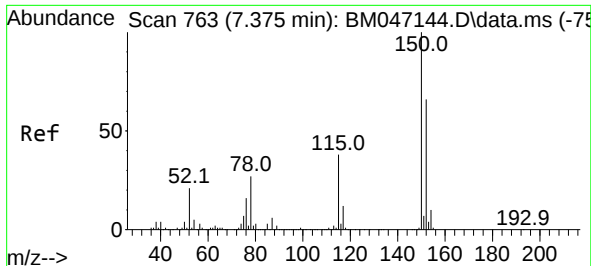


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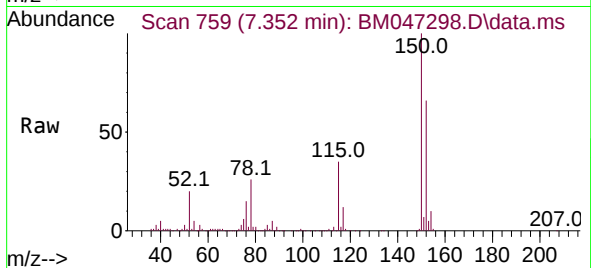
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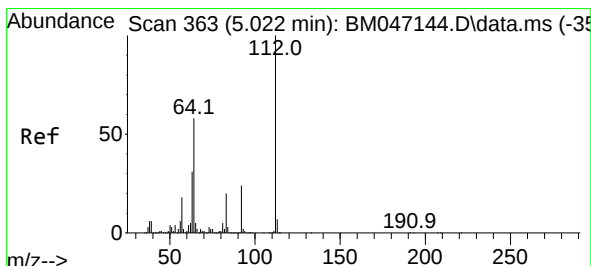
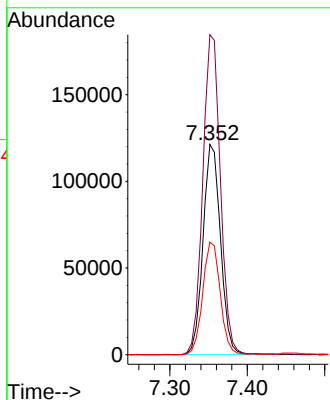
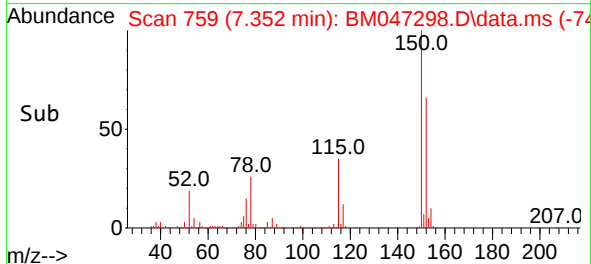


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.352 min Scan# 71
Delta R.T. -0.023 min
Lab File: BM047298.D
Acq: 21 Aug 2024 15:06

Instrument :
BNA_M
ClientSampleId :
918-J-WS-081324-FD

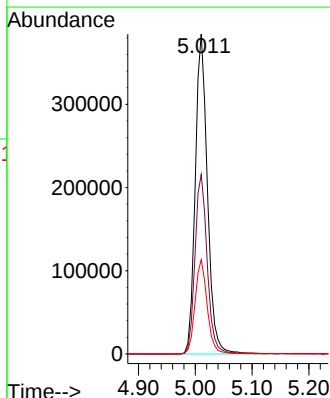
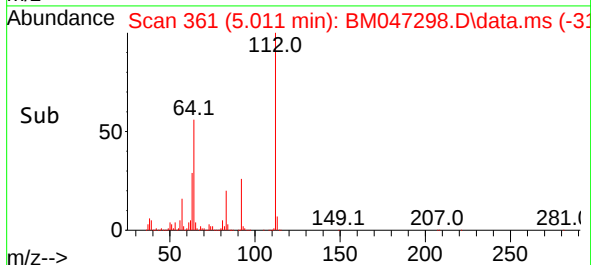
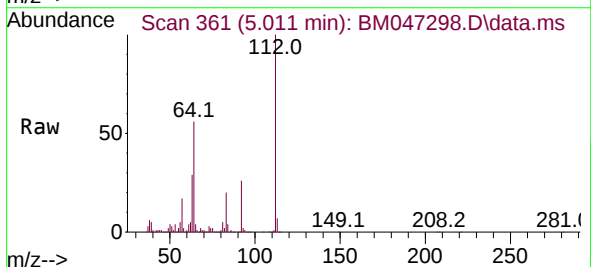


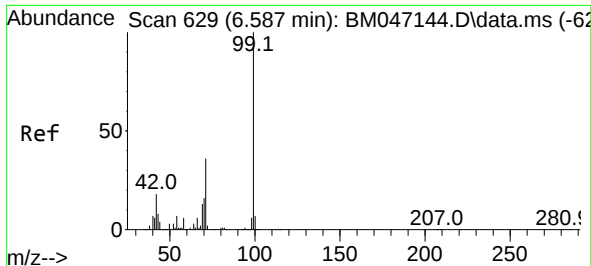
Tgt Ion:152 Resp: 190222
Ion Ratio Lower Upper
152 100
150 152.2 120.5 180.7
115 53.5 45.5 68.3



#5
2-Fluorophenol
Concen: 54.045 ng
RT: 5.011 min Scan# 361
Delta R.T. -0.012 min
Lab File: BM047298.D
Acq: 21 Aug 2024 15:06

Tgt Ion:112 Resp: 575347
Ion Ratio Lower Upper
112 100
64 56.1 46.7 70.1
63 29.5 24.8 37.2

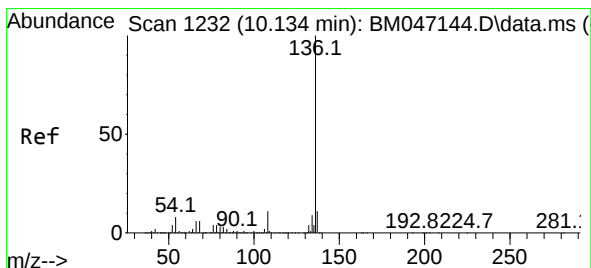
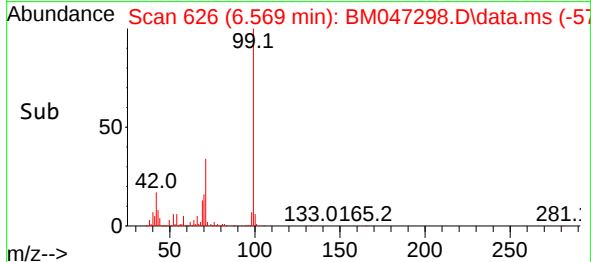
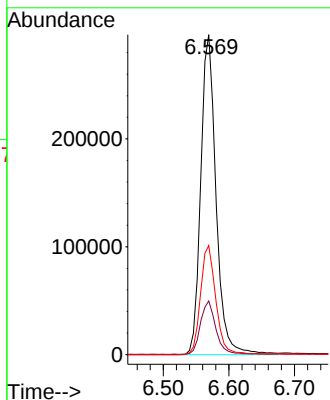
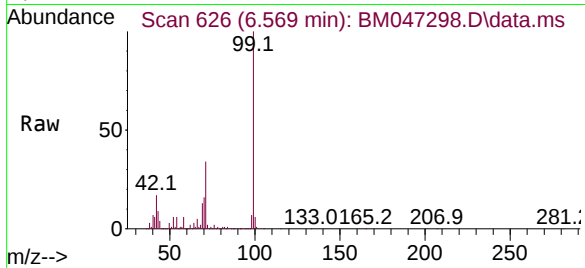




#7
Phenol-d6
Concen: 32.898 ng
RT: 6.569 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM047298.D
Acq: 21 Aug 2024 15:06

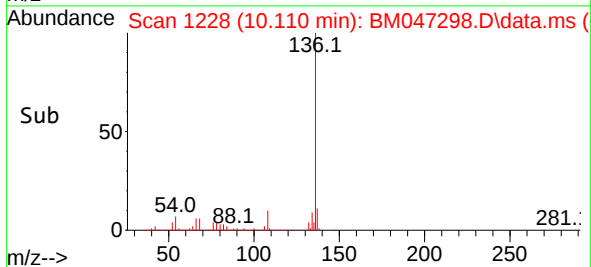
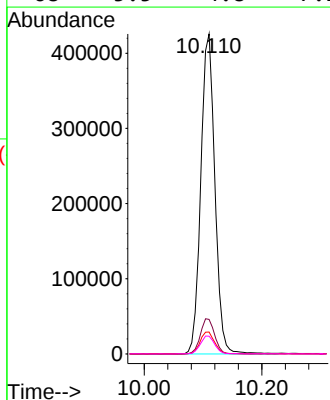
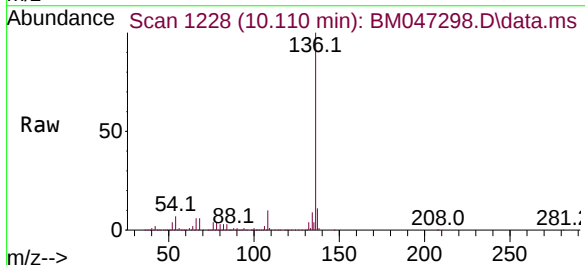
Instrument :
BNA_M
ClientSampleId :
918-J-WS-081324-FD

Tgt Ion: 99 Resp: 482583
Ion Ratio Lower Upper
99 100
42 16.8 14.1 21.1
71 34.1 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.110 min Scan# 1228
Delta R.T. -0.023 min
Lab File: BM047298.D
Acq: 21 Aug 2024 15:06

Tgt Ion: 136 Resp: 707486
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.8 6.0 9.0
68 5.5 4.8 7.2

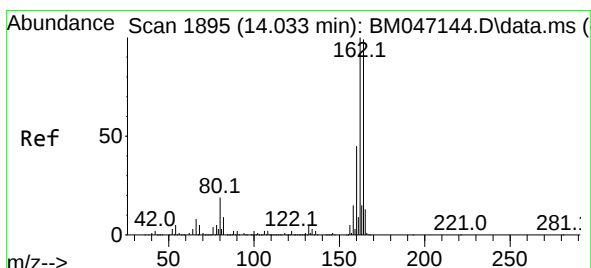
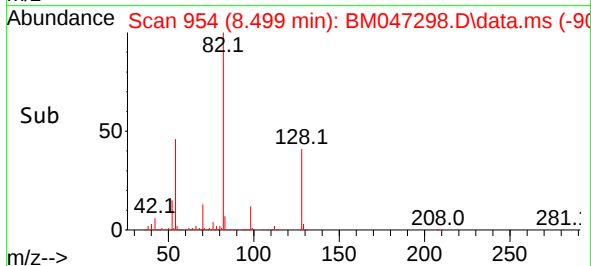
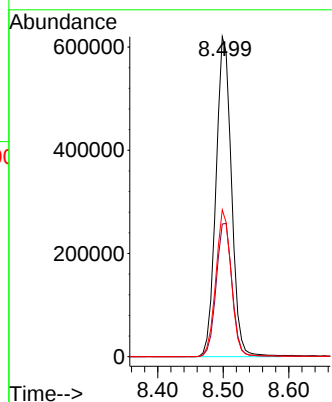
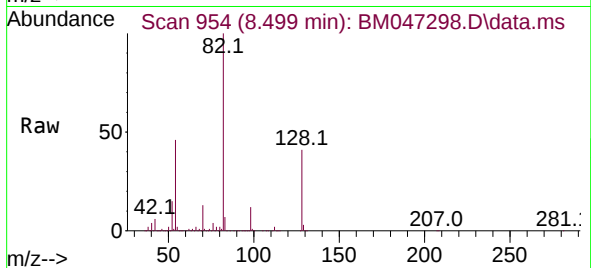




#23
Nitrobenzene-d5
Concen: 72.339 ng
RT: 8.499 min Scan# 91
Delta R.T. -0.023 min
Lab File: BM047298.D
Acq: 21 Aug 2024 15:06

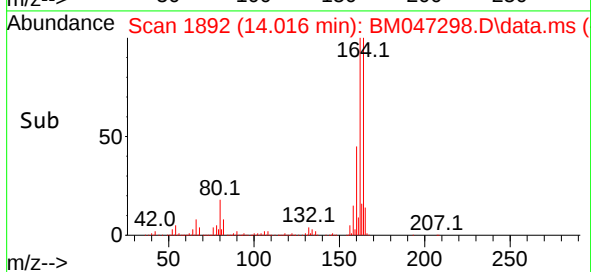
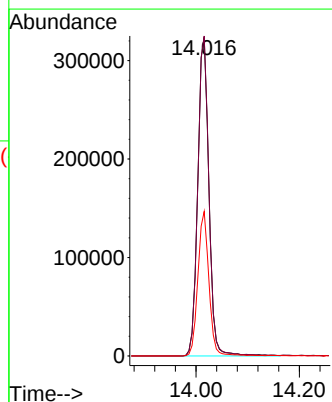
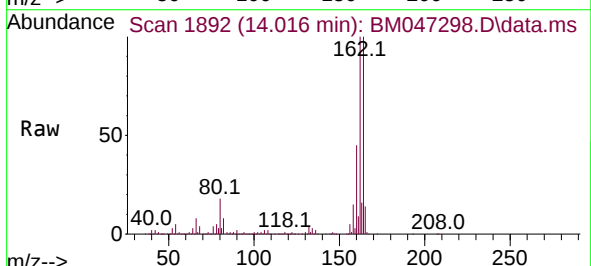
Instrument :
BNA_M
ClientSampleId :
918-J-WS-081324-FD

Tgt Ion: 82 Resp: 1016396
Ion Ratio Lower Upper
82 100
128 41.4 32.3 48.5
54 45.9 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.016 min Scan# 1892
Delta R.T. -0.018 min
Lab File: BM047298.D
Acq: 21 Aug 2024 15:06

Tgt Ion: 164 Resp: 485993
Ion Ratio Lower Upper
164 100
162 100.4 80.7 121.1
160 45.3 36.0 54.0

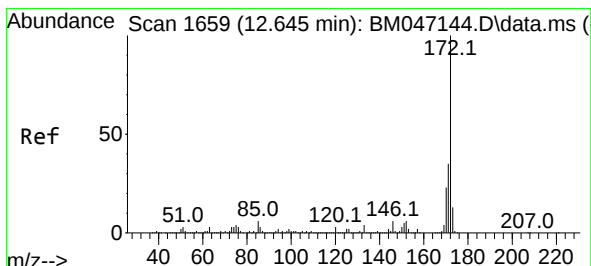
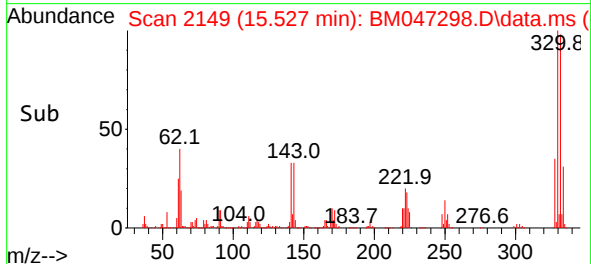
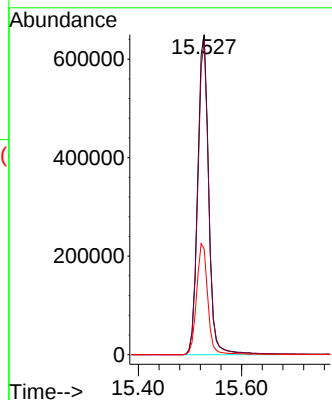
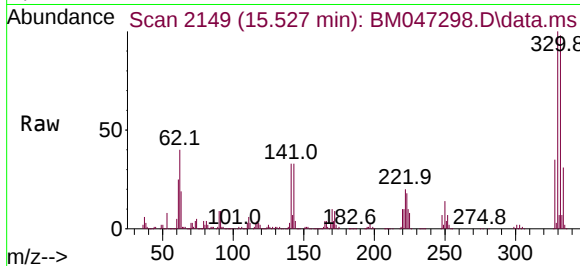




#42
2,4,6-Tribromophenol
Concen: 171.352 ng
RT: 15.527 min Scan# 2151
Delta R.T. -0.012 min
Lab File: BM047298.D
Acq: 21 Aug 2024 15:06

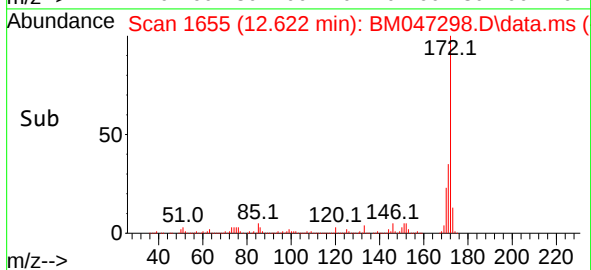
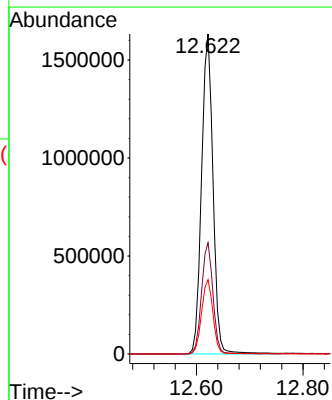
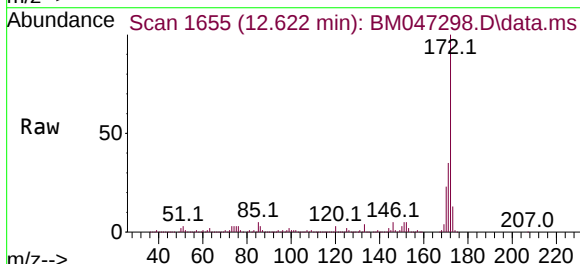
Instrument :
BNA_M
ClientSampleId :
918-J-WS-081324-FD

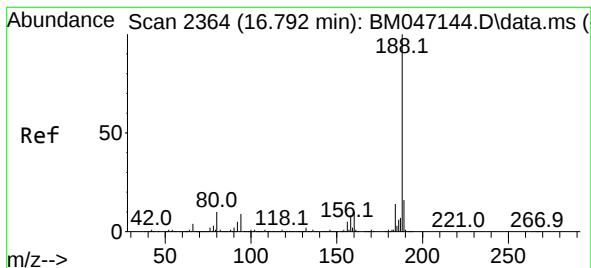
Tgt Ion:330 Resp: 965595
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.2
141 34.9 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 77.373 ng
RT: 12.622 min Scan# 1655
Delta R.T. -0.023 min
Lab File: BM047298.D
Acq: 21 Aug 2024 15:06

Tgt Ion:172 Resp: 2437748
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.780 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047298.D

Acq: 21 Aug 2024 15:06

Instrument :

BNA_M

ClientSampleId :

918-J-WS-081324-FD

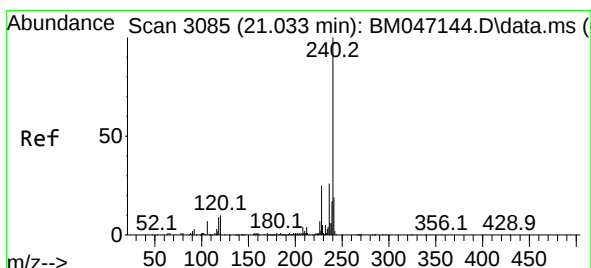
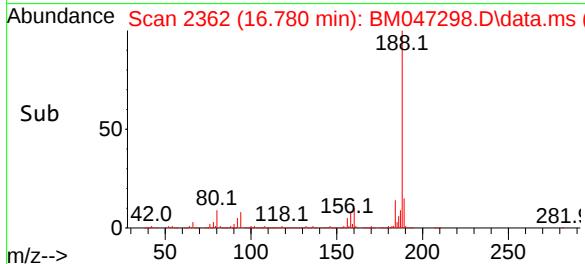
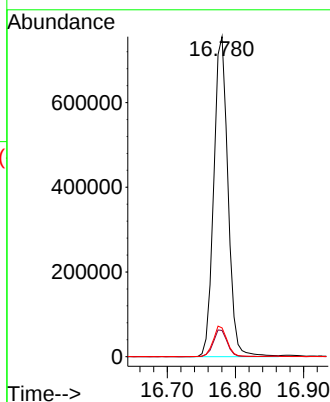
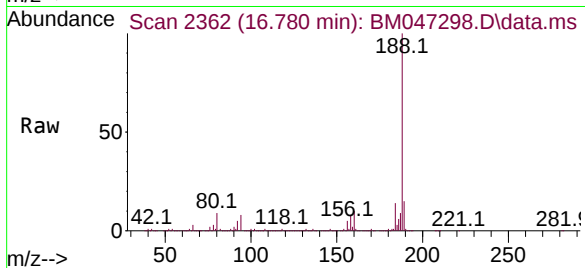
Tgt Ion:188 Resp: 1096795

Ion Ratio Lower Upper

188 100

94 8.2 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: BM047298.D

Acq: 21 Aug 2024 15:06

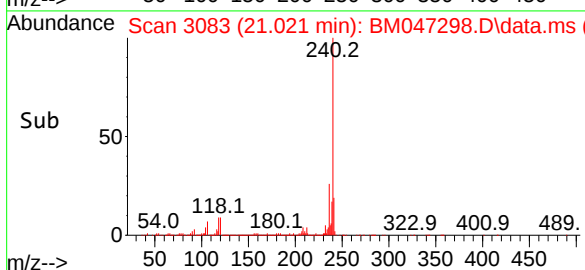
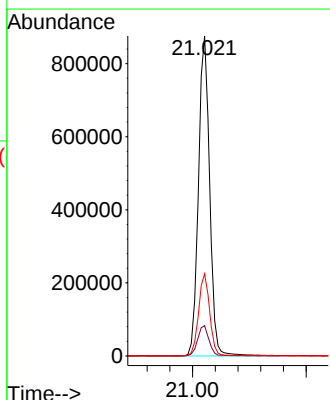
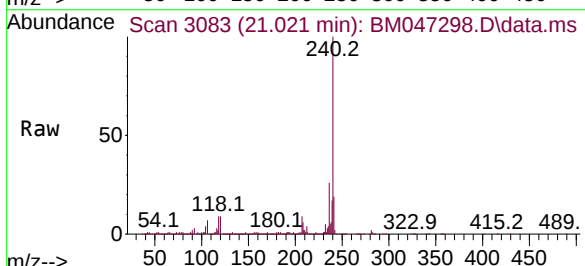
Tgt Ion:240 Resp: 1199656

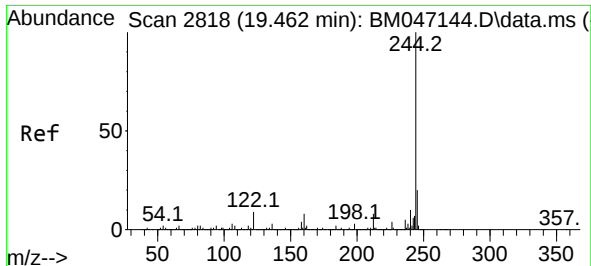
Ion Ratio Lower Upper

240 100

120 9.4 8.2 12.2

236 25.7 20.6 30.8

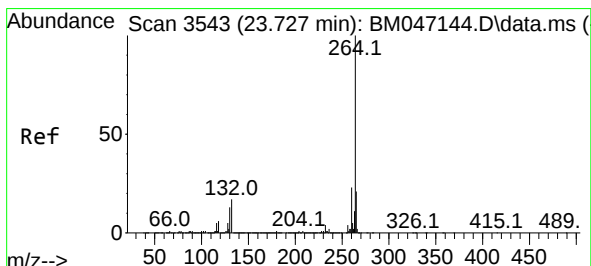
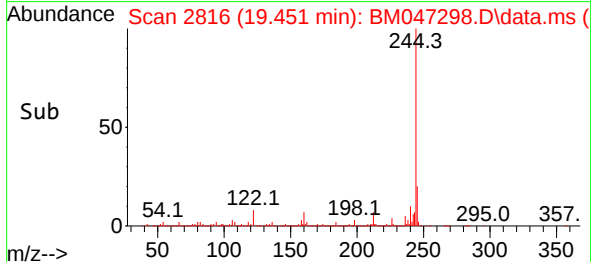
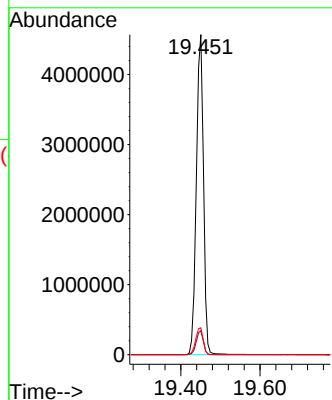
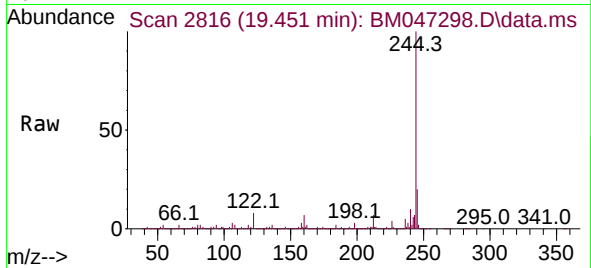




#79
 Terphenyl-d14
 Concen: 101.984 ng
 RT: 19.451 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047298.D
 Acq: 21 Aug 2024 15:06

Instrument :
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 918-J-WS-081324-FD

Tgt Ion:244 Resp: 5709708
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 8.4 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: BM047298.D
 Acq: 21 Aug 2024 15:06

Tgt Ion:264 Resp: 1267202
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.5 27.7
 265 21.5 17.3 25.9

