

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
 Data File : BM047281.D
 Acq On : 20 Aug 2024 22:14
 Operator : RC/JU
 Sample : P3645-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 916-J-WS-081524

Quant Time: Aug 21 02:50:40 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	7.357	152	312772	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	1142660	20.000	ng	-0.02
39) Acenaphthene-d10	14.016	164	745797	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1530970	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	1309543	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1291407	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1270694	72.594	ng	0.00
7) Phenol-d6	6.569	99	1090156	45.199	ng	-0.02
23) Nitrobenzene-d5	8.504	82	1744202	76.861	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	1147929	132.745	ng	-0.01
45) 2-Fluorobiphenyl	12.628	172	3947185	81.639	ng	-0.02
79) Terphenyl-d14	19.451	244	5714616	93.506	ng	-0.01

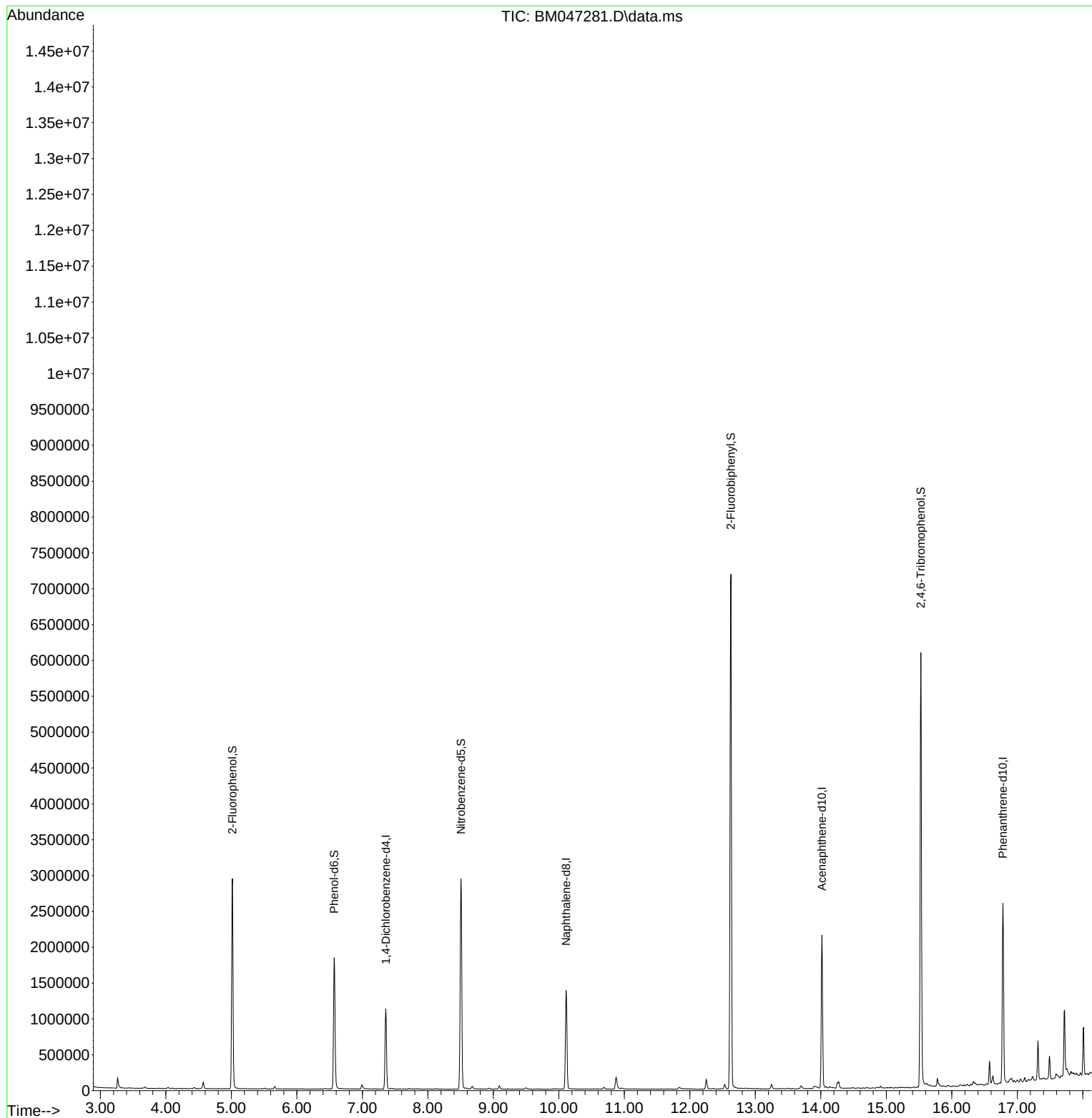
Target Compounds	Qvalue

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

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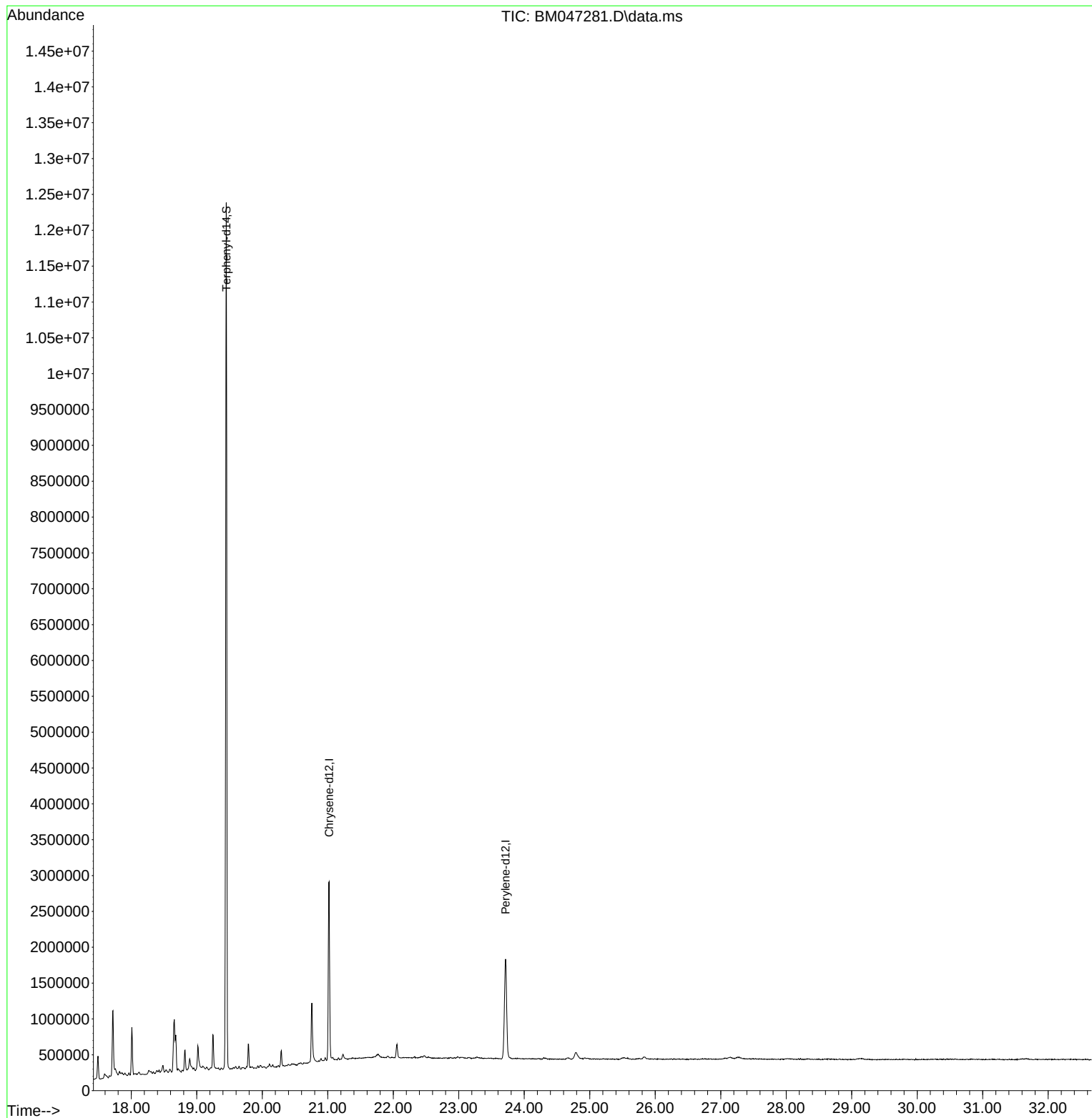
Quant Time: Aug 21 02:50:40 2024
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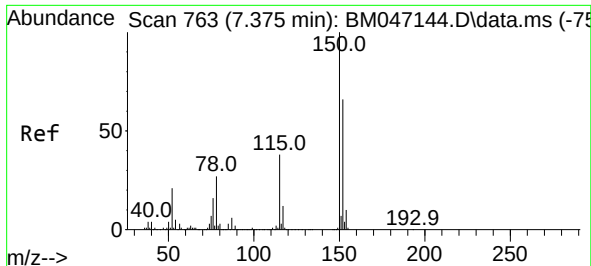


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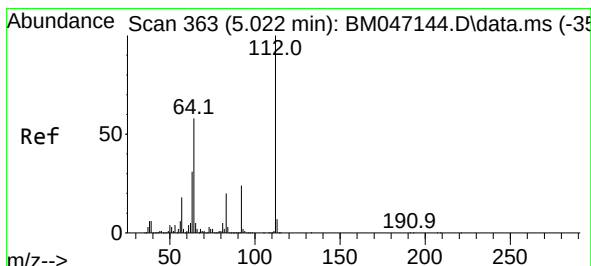
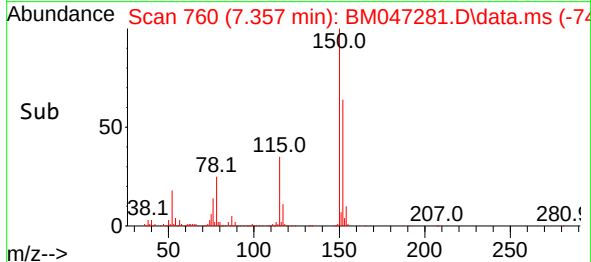
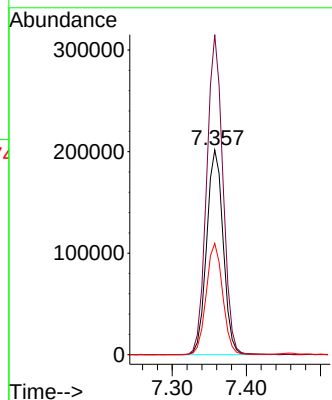
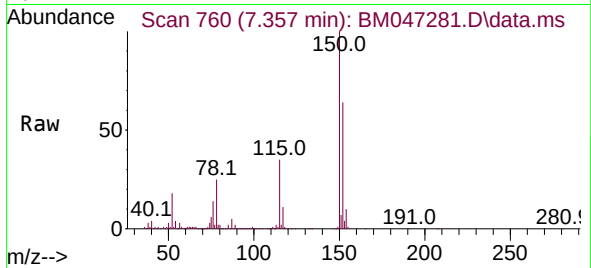




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.357 min Scan# 70
Delta R.T. -0.018 min
Lab File: BM047281.D
Acq: 20 Aug 2024 22:14

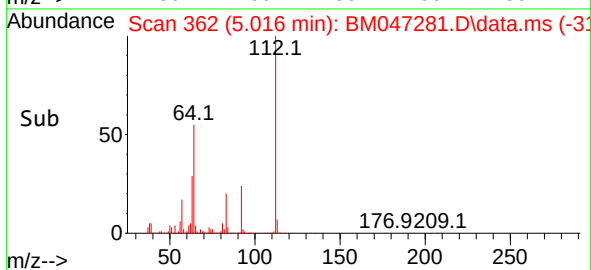
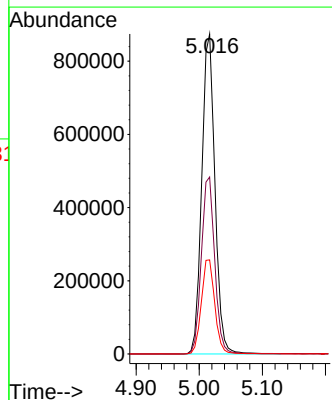
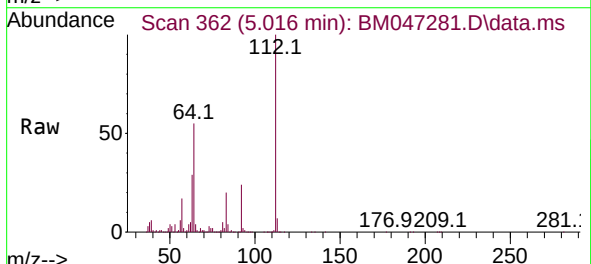
Instrument :
BNA_M
ClientSampleId :
916-J-WS-081524

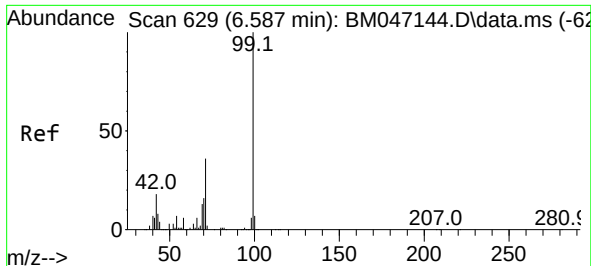
Tgt Ion:152 Resp: 312772
Ion Ratio Lower Upper
152 100
150 156.3 120.5 180.7
115 54.4 45.5 68.3



#5
2-Fluorophenol
Concen: 72.594 ng
RT: 5.016 min Scan# 362
Delta R.T. -0.006 min
Lab File: BM047281.D
Acq: 20 Aug 2024 22:14

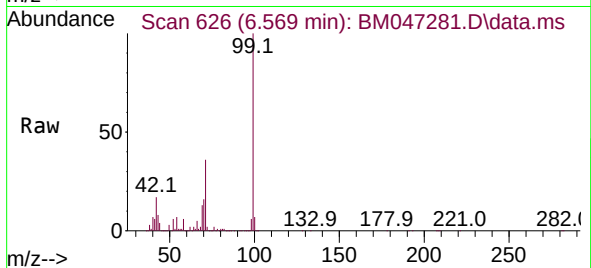
Tgt Ion:112 Resp: 1270694
Ion Ratio Lower Upper
112 100
64 55.3 46.7 70.1
63 29.4 24.8 37.2



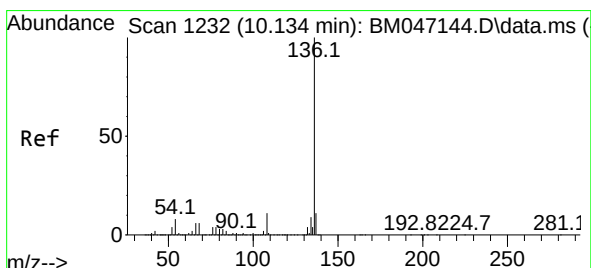
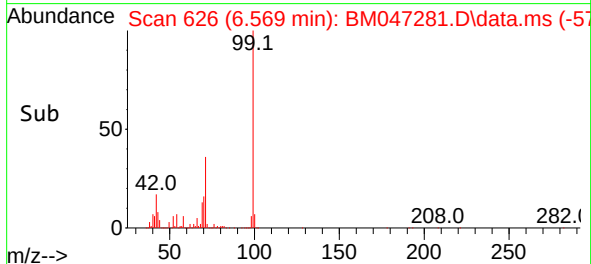
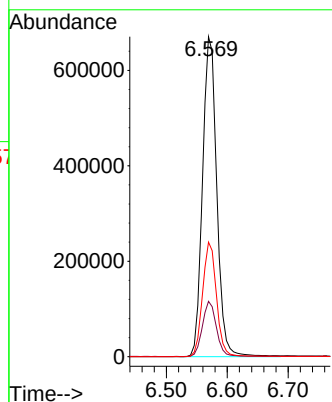


#7
Phenol-d6
Concen: 45.199 ng
RT: 6.569 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM047281.D
Acq: 20 Aug 2024 22:14

Instrument :
BNA_M
ClientSampleId :
916-J-WS-081524

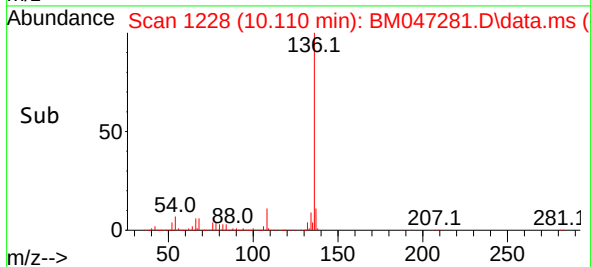
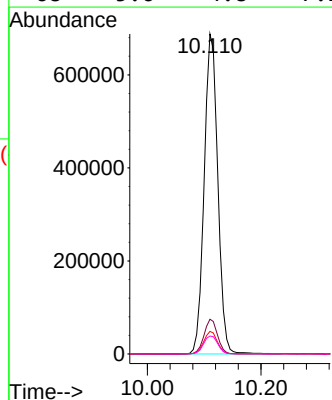
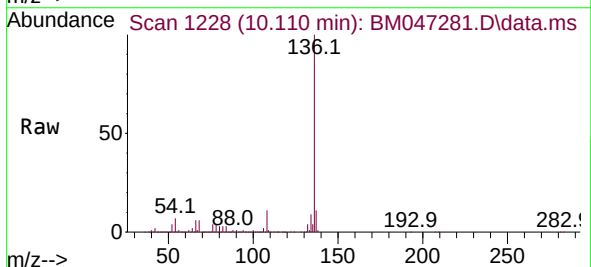


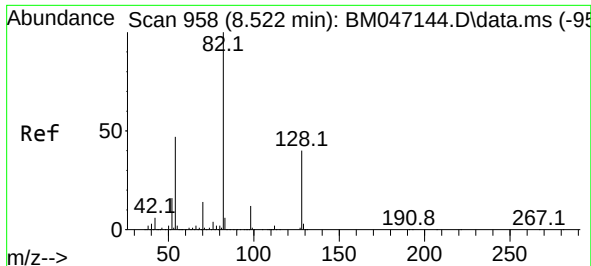
Tgt Ion: 99 Resp: 1090156
Ion Ratio Lower Upper
99 100
42 17.3 14.1 21.1
71 35.8 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.110 min Scan# 1228
Delta R.T. -0.024 min
Lab File: BM047281.D
Acq: 20 Aug 2024 22:14

Tgt Ion: 136 Resp: 1142660
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.1 6.0 9.0
68 5.6 4.8 7.2

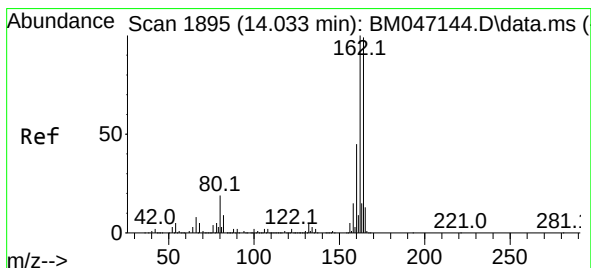
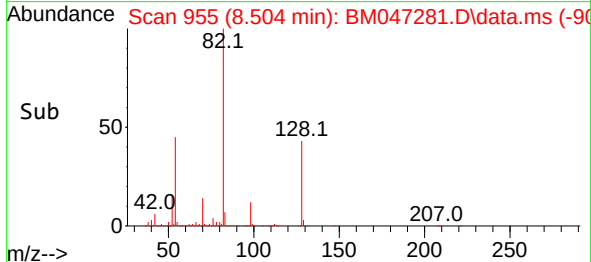
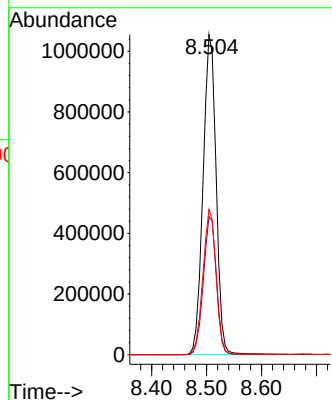
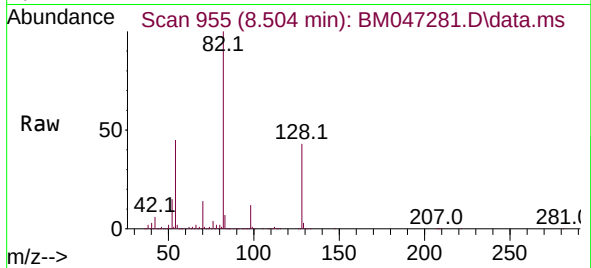




#23
Nitrobenzene-d5
Concen: 76.861 ng
RT: 8.504 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM047281.D
Acq: 20 Aug 2024 22:14

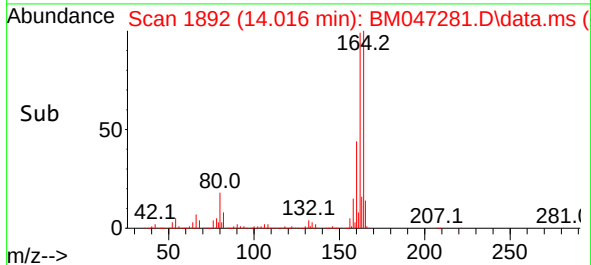
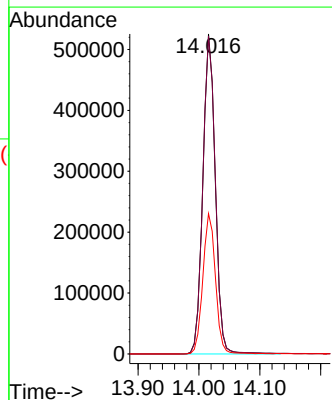
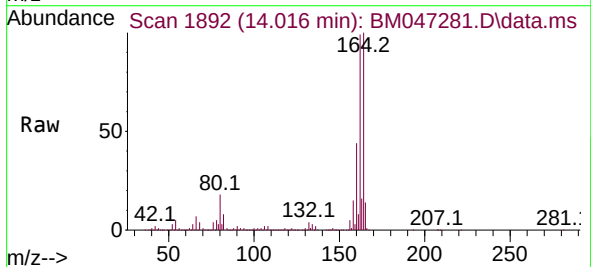
Instrument :
BNA_M
ClientSampleId :
916-J-WS-081524

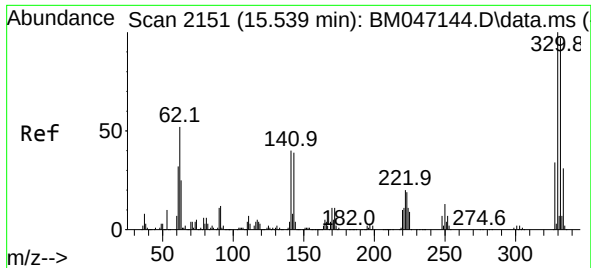
Tgt Ion: 82 Resp: 1744202
Ion Ratio Lower Upper
82 100
128 43.2 32.3 48.5
54 45.4 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.016 min Scan# 1892
Delta R.T. -0.018 min
Lab File: BM047281.D
Acq: 20 Aug 2024 22:14

Tgt Ion: 164 Resp: 745797
Ion Ratio Lower Upper
164 100
162 99.3 80.7 121.1
160 43.8 36.0 54.0

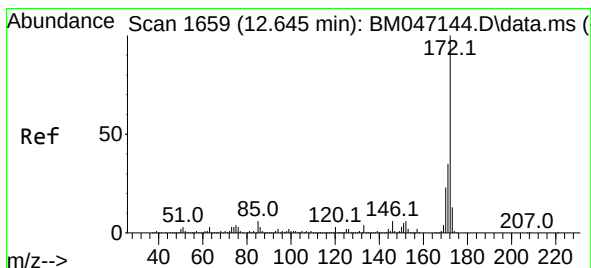
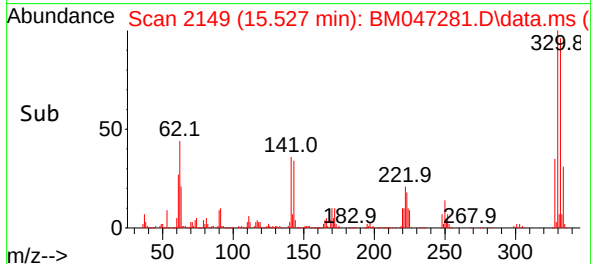
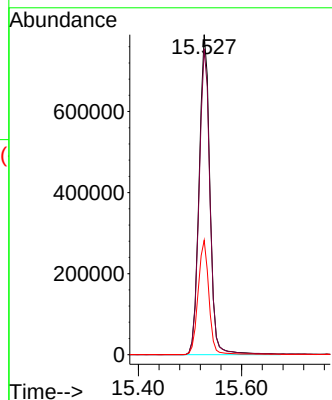
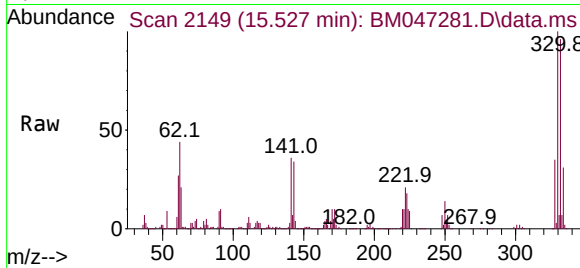




#42
2,4,6-Tribromophenol
Concen: 132.745 ng
RT: 15.527 min Scan# 2151
Delta R.T. -0.012 min
Lab File: BM047281.D
Acq: 20 Aug 2024 22:14

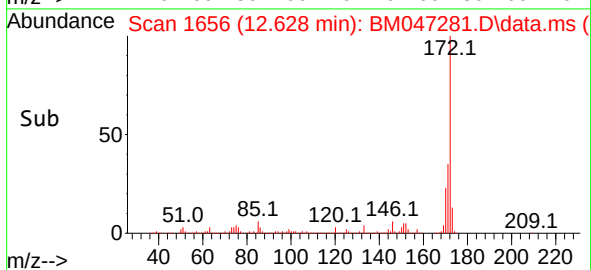
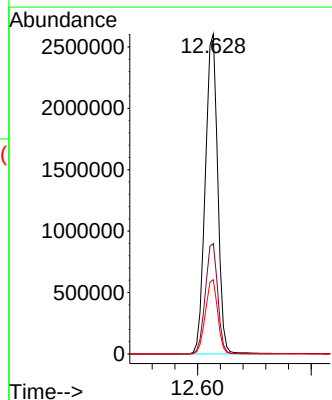
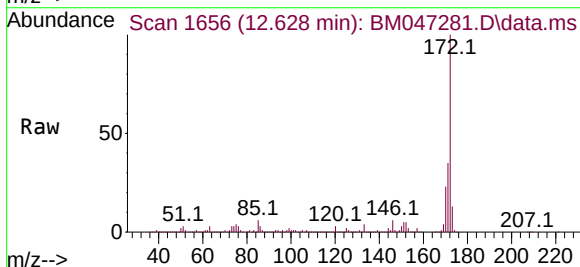
Instrument :
BNA_M
ClientSampleId :
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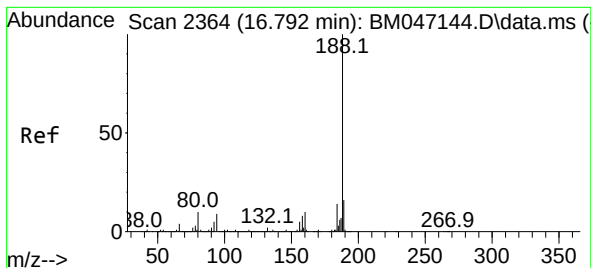
Tgt Ion:330 Resp: 1147929
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.2
141 35.4 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 81.639 ng
RT: 12.628 min Scan# 1656
Delta R.T. -0.017 min
Lab File: BM047281.D
Acq: 20 Aug 2024 22:14

Tgt Ion:172 Resp: 3947185
Ion Ratio Lower Upper
172 100
171 34.5 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: BM047281.D

Acq: 20 Aug 2024 22:14

Instrument :

BNA_M

ClientSampleId :

916-J-WS-081524

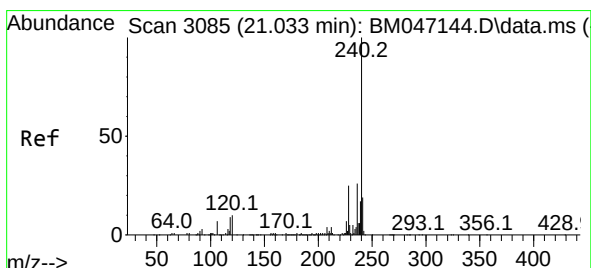
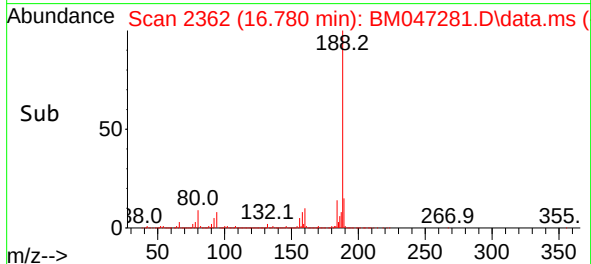
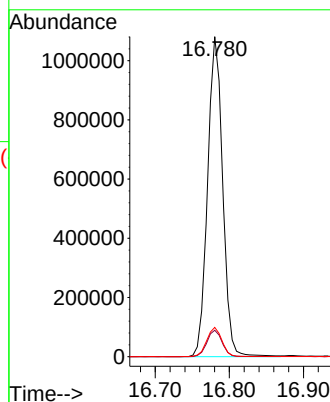
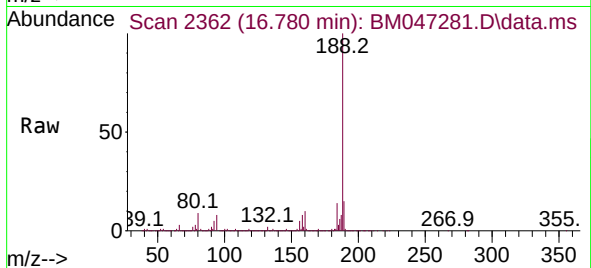
Tgt Ion:188 Resp: 1530970

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.6

80 9.2 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: BM047281.D

Acq: 20 Aug 2024 22:14

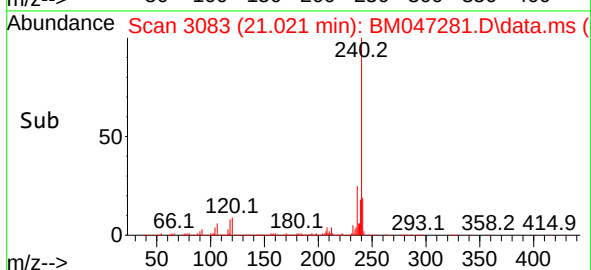
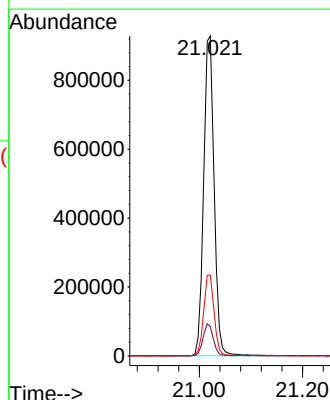
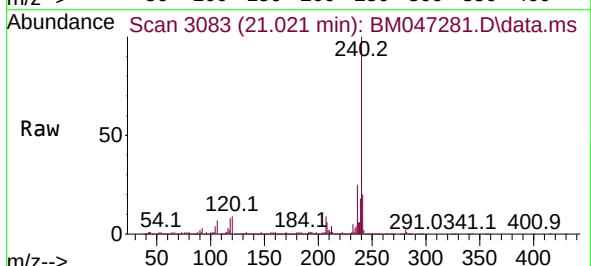
Tgt Ion:240 Resp: 1309543

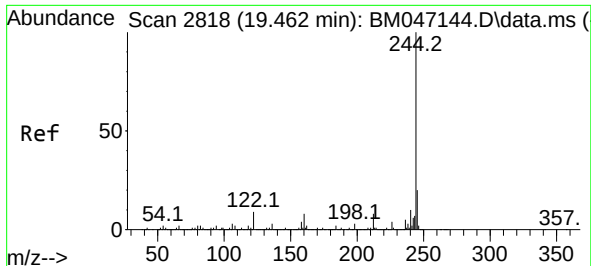
Ion Ratio Lower Upper

240 100

120 9.2 8.2 12.2

236 25.4 20.6 30.8

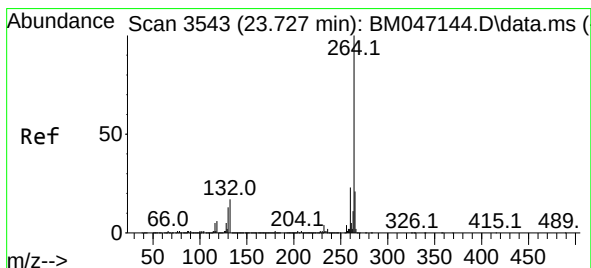
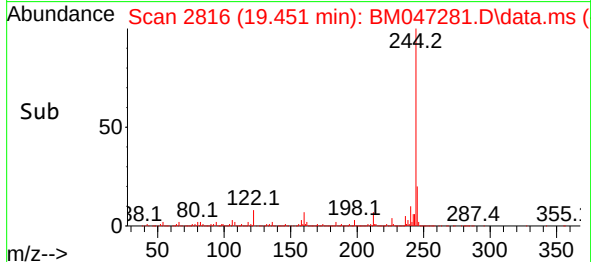
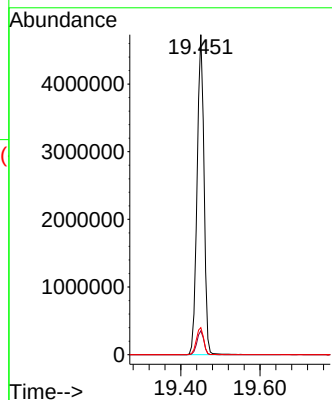
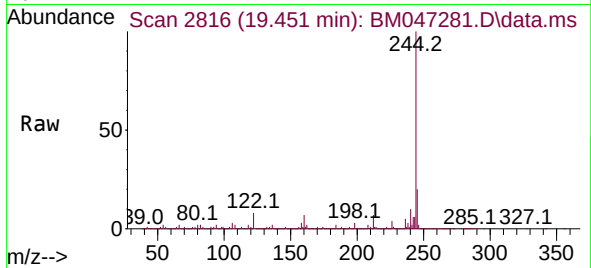




#79
 Terphenyl-d14
 Concen: 93.506 ng
 RT: 19.451 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047281.D
 Acq: 20 Aug 2024 22:14

Instrument :
 BNA_M
 ClientSampleId :
 916-J-WS-081524

Tgt Ion:244 Resp: 5714616
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 8.5 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: BM047281.D
 Acq: 20 Aug 2024 22:14

Tgt Ion:264 Resp: 1291407
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.5 27.7
 265 22.3 17.3 25.9

