

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090524\
 Data File : BM047448.D
 Acq On : 05 Sep 2024 15:26
 Operator : RC/JU
 Sample : P3821-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MANHOLE-5A-WATER

Quant Time: Sep 05 16:11:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 26 18:11:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.340	152	243459	20.000	ng	-0.01
21) Naphthalene-d8	10.092	136	896424	20.000	ng	-0.01
39) Acenaphthene-d10	14.004	164	625873	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1342764	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1030420	20.000	ng	0.00
86) Perylene-d12	23.727	264	959962	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.004	112	656440	51.730	ng	0.00
7) Phenol-d6	6.575	99	525545	30.402	ng	0.00
23) Nitrobenzene-d5	8.492	82	1260806	78.040	ng	0.00
42) 2,4,6-Tribromophenol	15.521	330	1109811	146.974	ng	0.00
45) 2-Fluorobiphenyl	12.604	172	3225770	79.192	ng	-0.01
79) Terphenyl-d14	19.439	244	5567253	96.169	ng	0.00

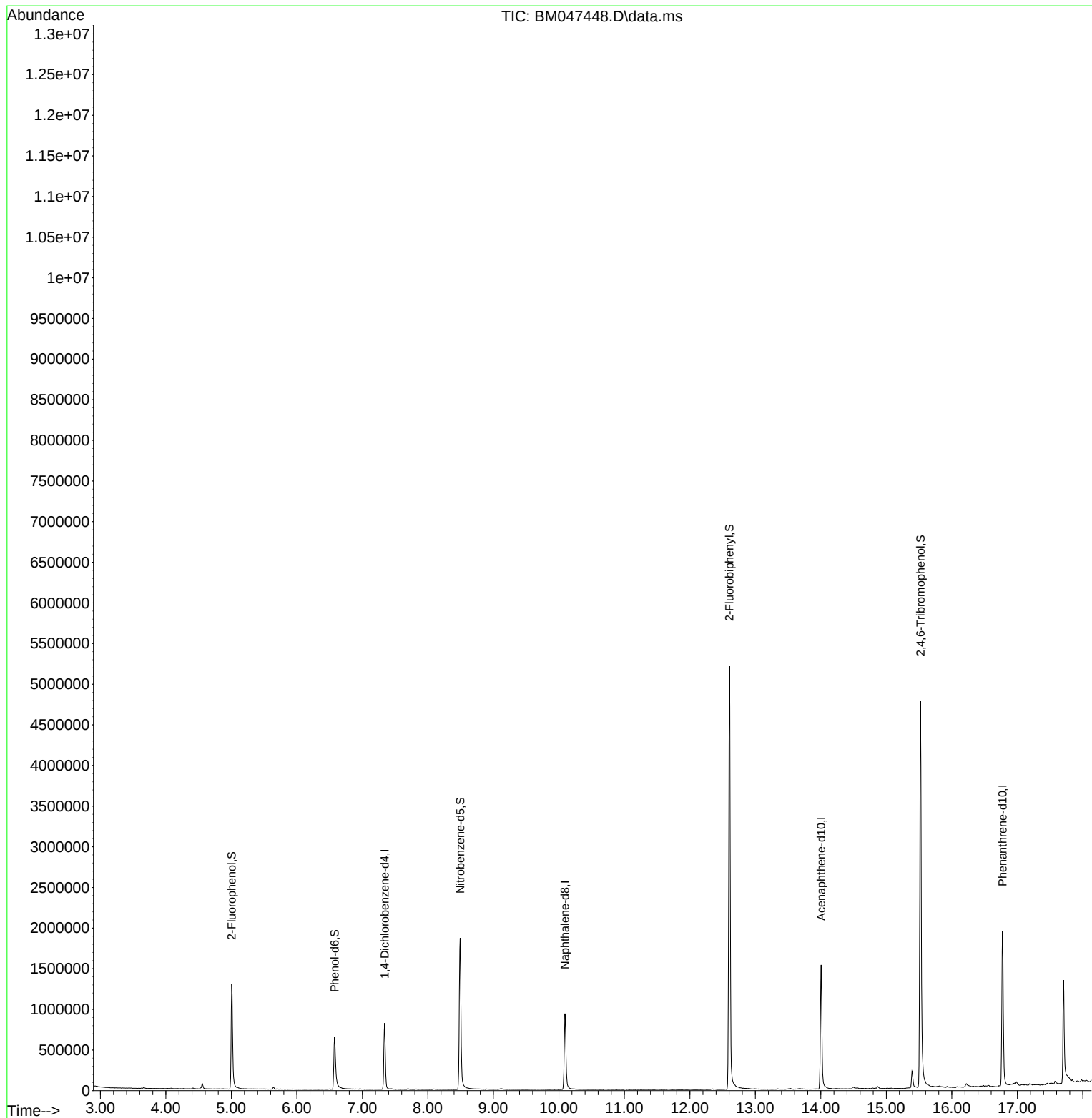
Target Compounds	Qvalue

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

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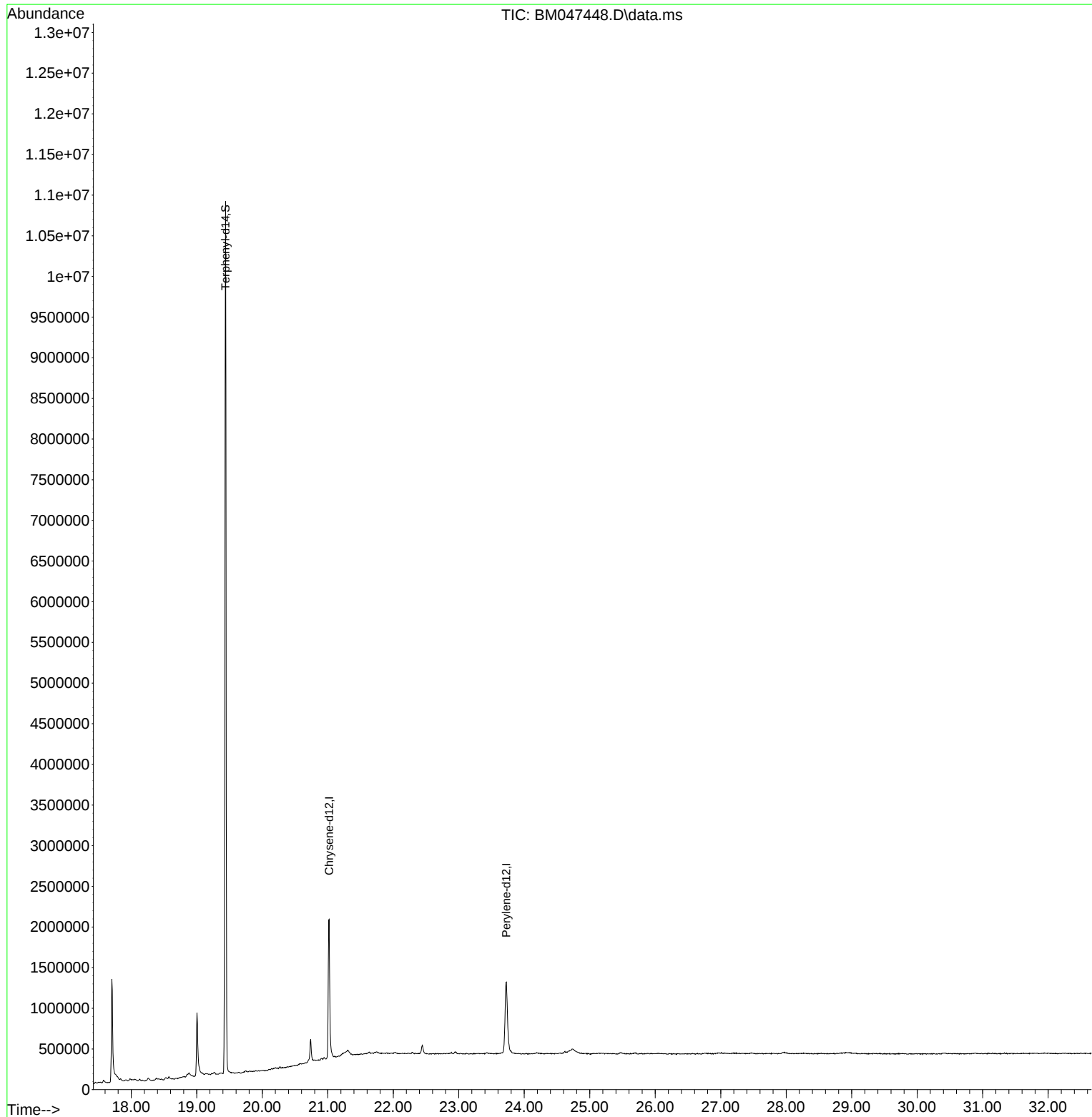
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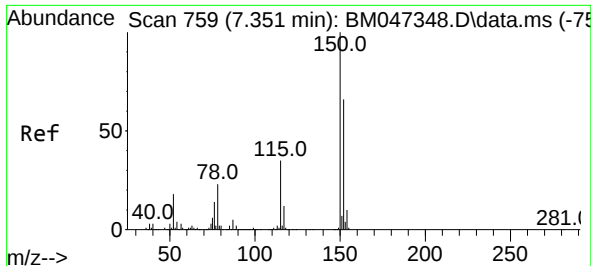


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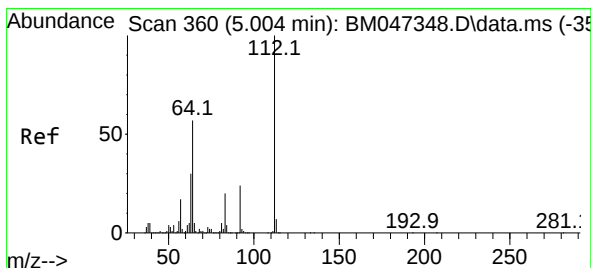
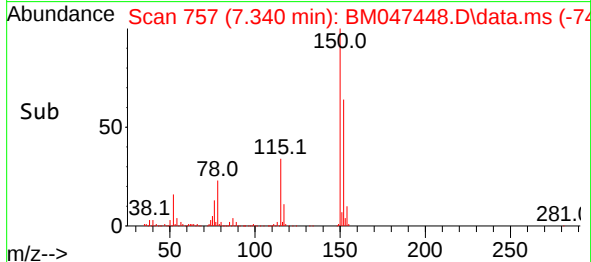
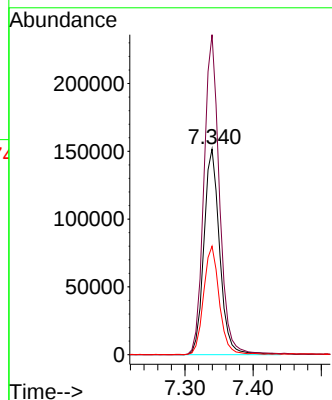
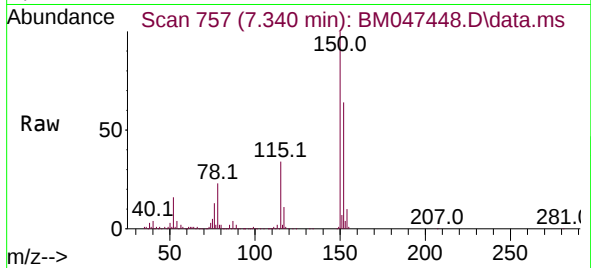




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.340 min Scan# 759
Delta R.T. -0.011 min
Lab File: BM047448.D
Acq: 05 Sep 2024 15:26

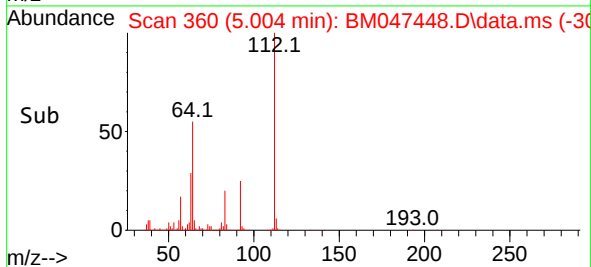
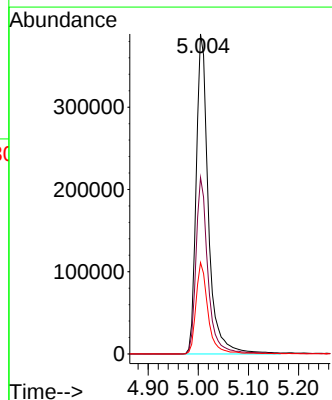
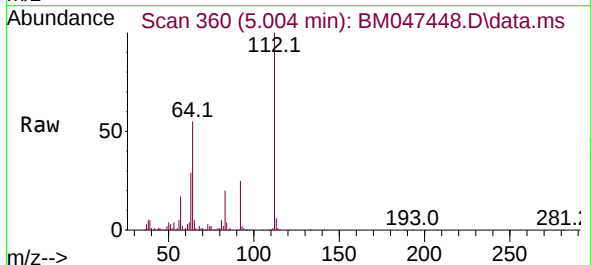
Instrument :
BNA_M
ClientSampleId :
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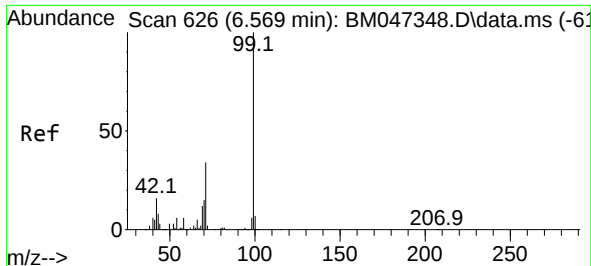
Tgt Ion:152 Resp: 243459
Ion Ratio Lower Upper
152 100
150 155.7 121.3 181.9
115 52.8 42.6 64.0



#5
2-Fluorophenol
Concen: 51.730 ng
RT: 5.004 min Scan# 360
Delta R.T. 0.000 min
Lab File: BM047448.D
Acq: 05 Sep 2024 15:26

Tgt Ion:112 Resp: 656440
Ion Ratio Lower Upper
112 100
64 55.2 45.7 68.5
63 28.6 23.8 35.8

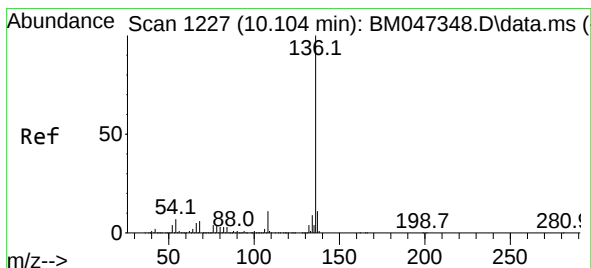
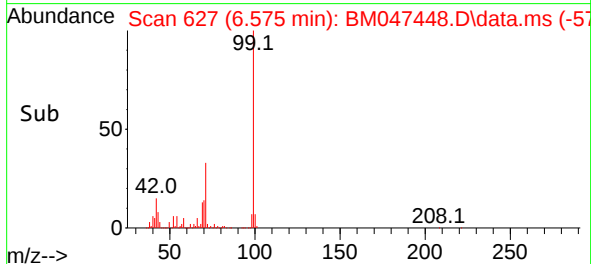
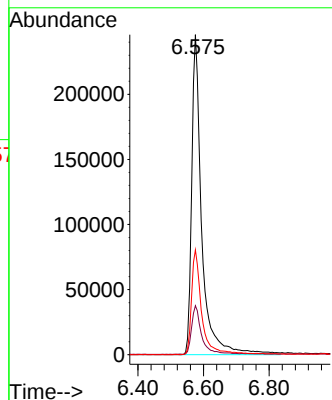
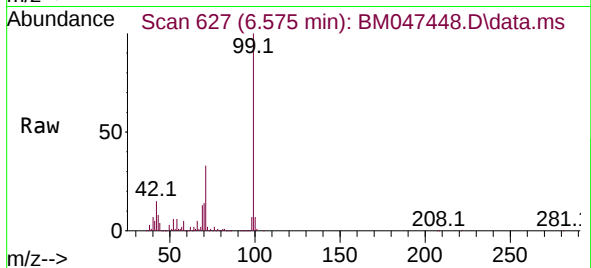




#7
Phenol-d6
Concen: 30.402 ng
RT: 6.575 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM047448.D
Acq: 05 Sep 2024 15:26

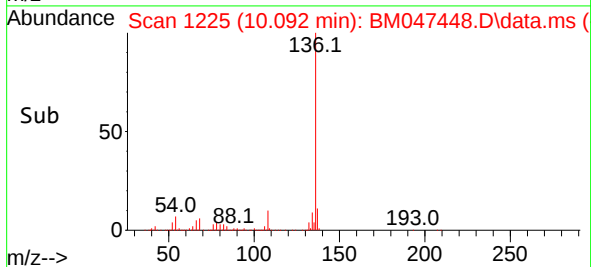
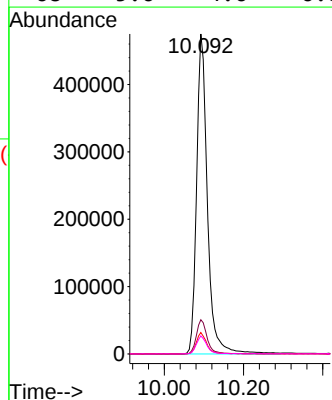
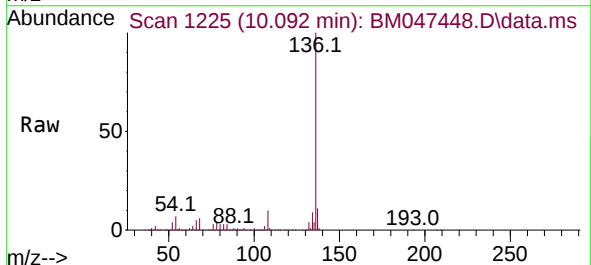
Instrument :
BNA_M
ClientSampleId :
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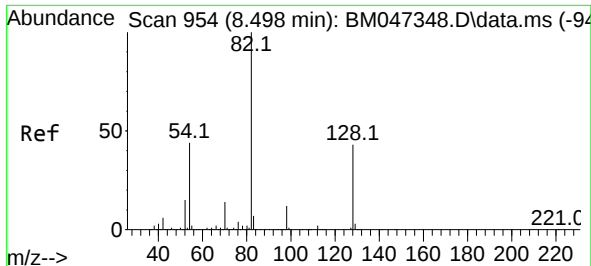
Tgt Ion: 99 Resp: 525545
Ion Ratio Lower Upper
99 100
42 15.3 13.0 19.4
71 32.7 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.092 min Scan# 1225
Delta R.T. -0.012 min
Lab File: BM047448.D
Acq: 05 Sep 2024 15:26

Tgt Ion: 136 Resp: 896424
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.7 5.2 7.8
68 5.6 4.6 6.8

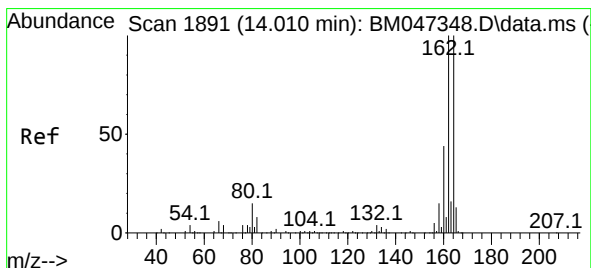
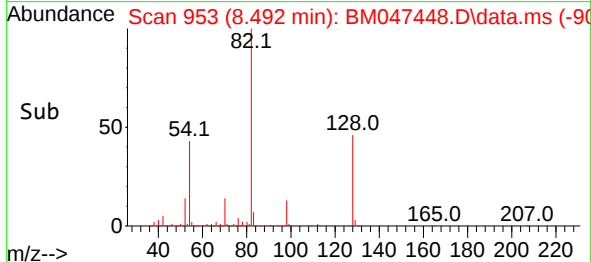
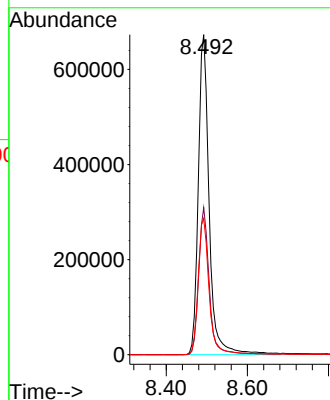
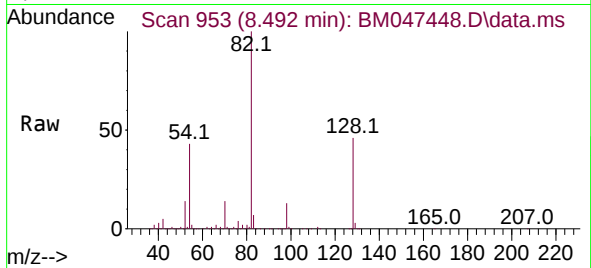




#23
Nitrobenzene-d5
Concen: 78.040 ng
RT: 8.492 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047448.D
Acq: 05 Sep 2024 15:26

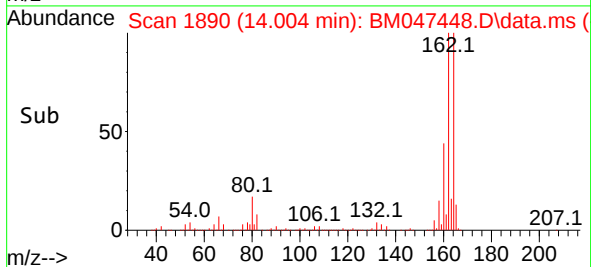
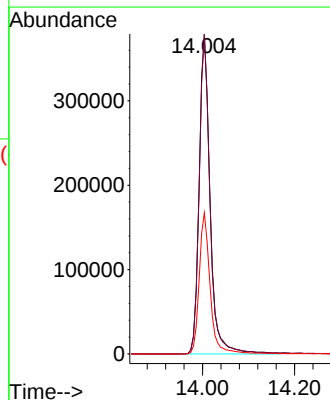
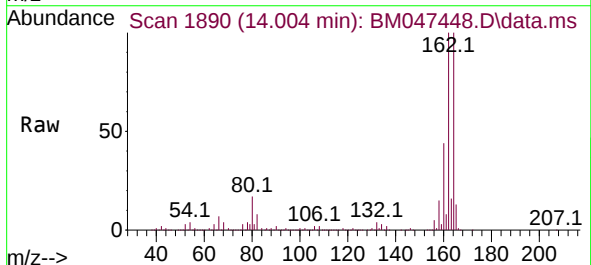
Instrument :
BNA_M
ClientSampleId :
MANHOLE-5A-WATER

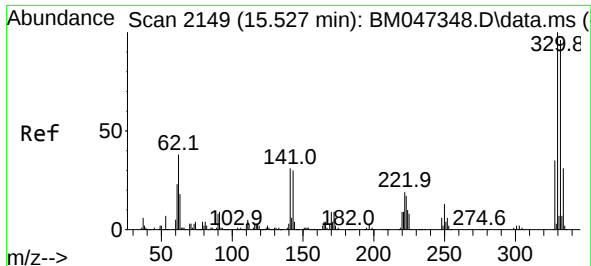
Tgt Ion: 82 Resp: 1260806
Ion Ratio Lower Upper
82 100
128 45.9 34.6 51.8
54 42.6 35.5 53.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.004 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BM047448.D
Acq: 05 Sep 2024 15:26

Tgt Ion: 164 Resp: 625873
Ion Ratio Lower Upper
164 100
162 100.3 79.7 119.5
160 44.2 34.9 52.3

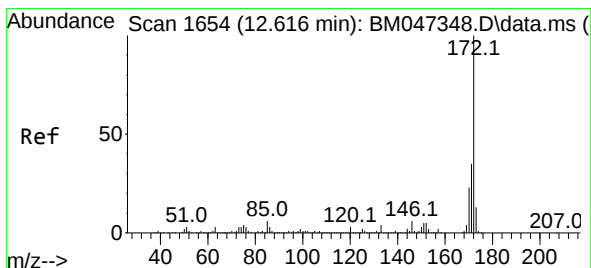
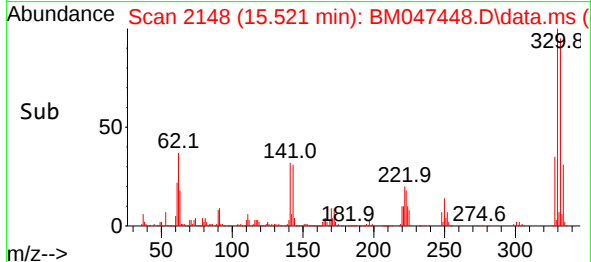
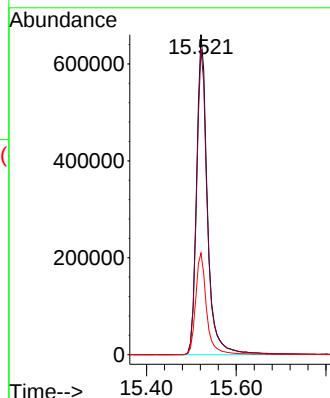
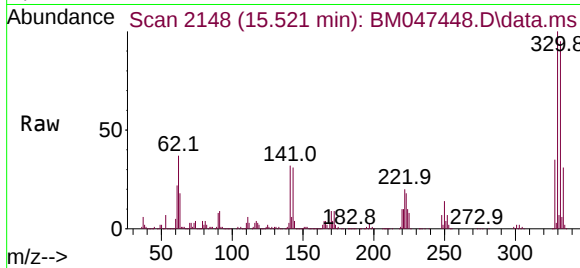




#42
2,4,6-Tribromophenol
Concen: 146.974 ng
RT: 15.521 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM047448.D
Acq: 05 Sep 2024 15:26

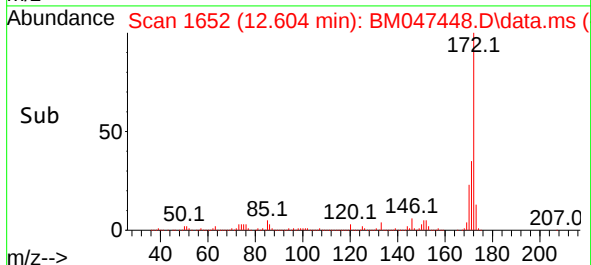
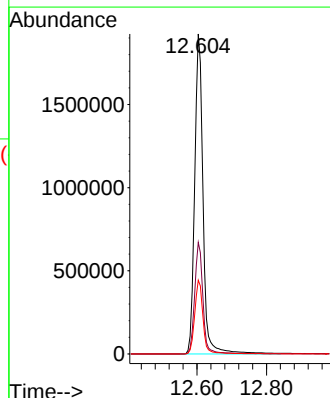
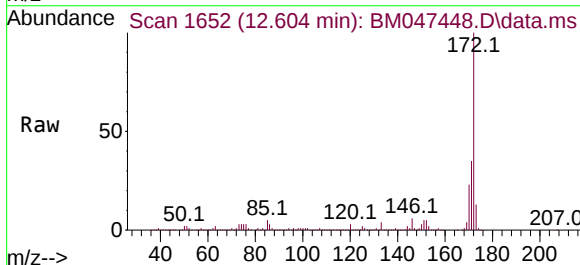
Instrument :
BNA_M
ClientSampleId :
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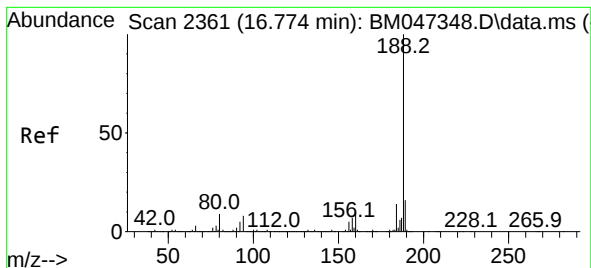
Tgt Ion:330 Resp: 1109811
Ion Ratio Lower Upper
330 100
332 96.2 77.2 115.8
141 32.0 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 79.192 ng
RT: 12.604 min Scan# 1652
Delta R.T. -0.012 min
Lab File: BM047448.D
Acq: 05 Sep 2024 15:26

Tgt Ion:172 Resp: 3225770
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.0 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.774 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047448.D

Acq: 05 Sep 2024 15:26

Instrument :

BNA_M

ClientSampleId :

MANHOLE-5A-WATER

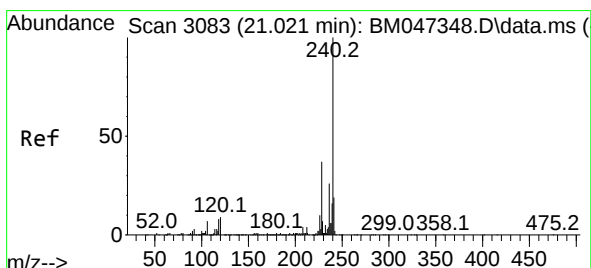
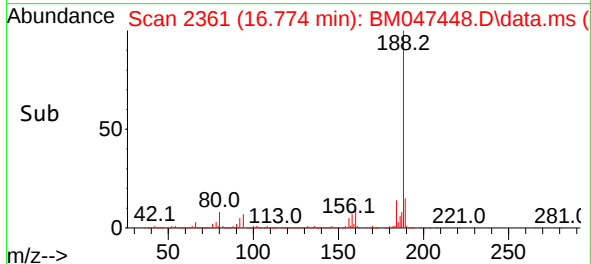
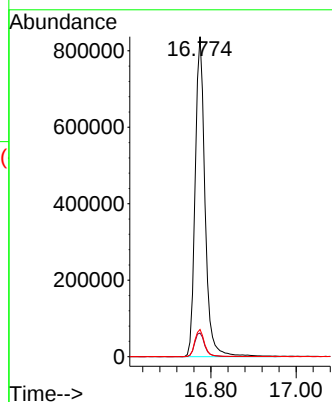
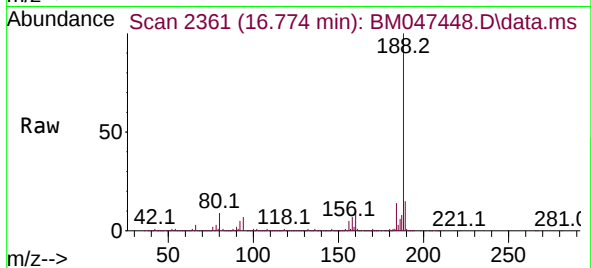
Tgt Ion:188 Resp: 1342764

Ion Ratio Lower Upper

188 100

94 7.4 6.4 9.6

80 8.5 7.4 11.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3083

Delta R.T. 0.000 min

Lab File: BM047448.D

Acq: 05 Sep 2024 15:26

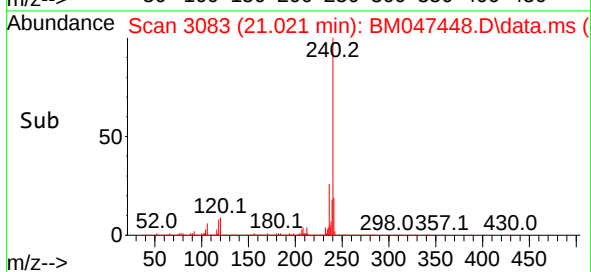
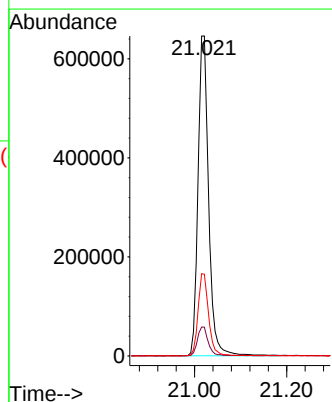
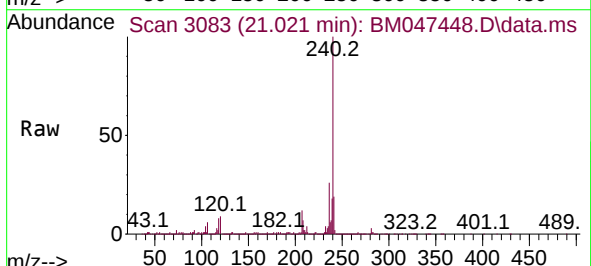
Tgt Ion:240 Resp: 1030420

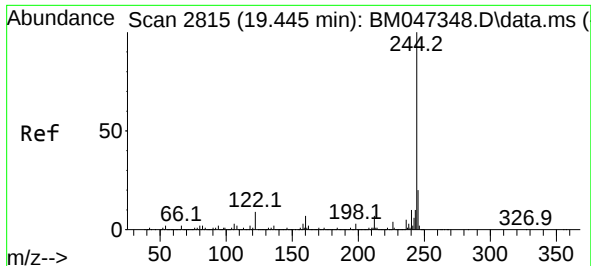
Ion Ratio Lower Upper

240 100

120 9.0 7.4 11.0

236 25.6 20.8 31.2

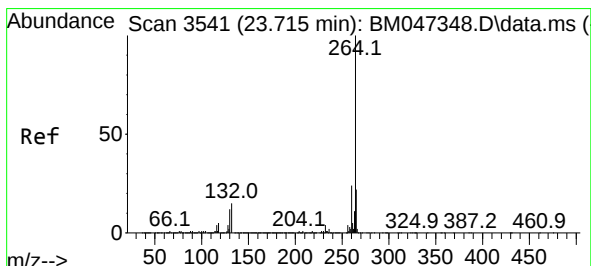
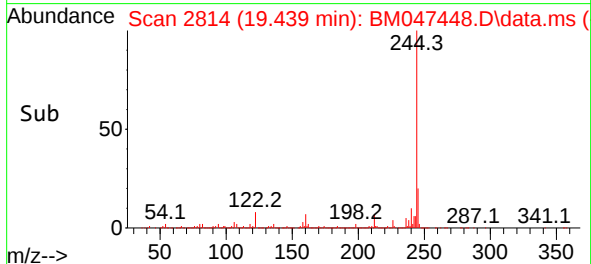
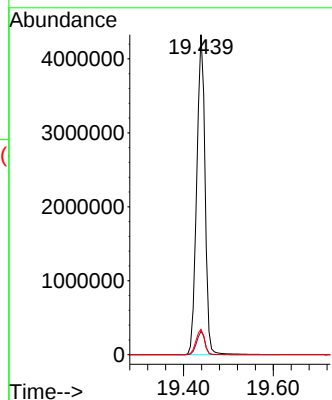
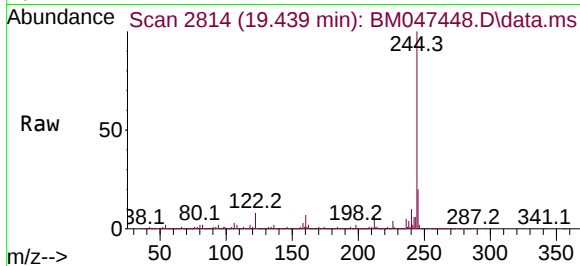




#79
 Terphenyl-d14
 Concen: 96.169 ng
 RT: 19.439 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047448.D
 Acq: 05 Sep 2024 15:26

Instrument :
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Tgt Ion:244 Resp: 5567253
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 7.9 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.727 min Scan# 3543
 Delta R.T. 0.012 min
 Lab File: BM047448.D
 Acq: 05 Sep 2024 15:26

Tgt Ion:264 Resp: 959962
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.4
 265 21.9 17.8 26.6

