

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
Data File : BM047275.D
Acq On : 20 Aug 2024 18:16
Operator : RC/JU
Sample : PB162861BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB162861BL

Quant Time: Aug 21 02:48:01 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	271766	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	970762	20.000	ng	-0.02
39) Acenaphthene-d10	14.016	164	590959	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1177083	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	1082208	20.000	ng	-0.01
86) Perylene-d12	23.721	264	1234158	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1786174	117.440	ng	0.00
7) Phenol-d6	6.575	99	2189420	104.471	ng	-0.01
23) Nitrobenzene-d5	8.504	82	1461155	75.790	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	838220	122.327	ng	-0.01
45) 2-Fluorobiphenyl	12.628	172	3177514	82.940	ng	-0.02
79) Terphenyl-d14	19.451	244	4621078	91.497	ng	-0.01

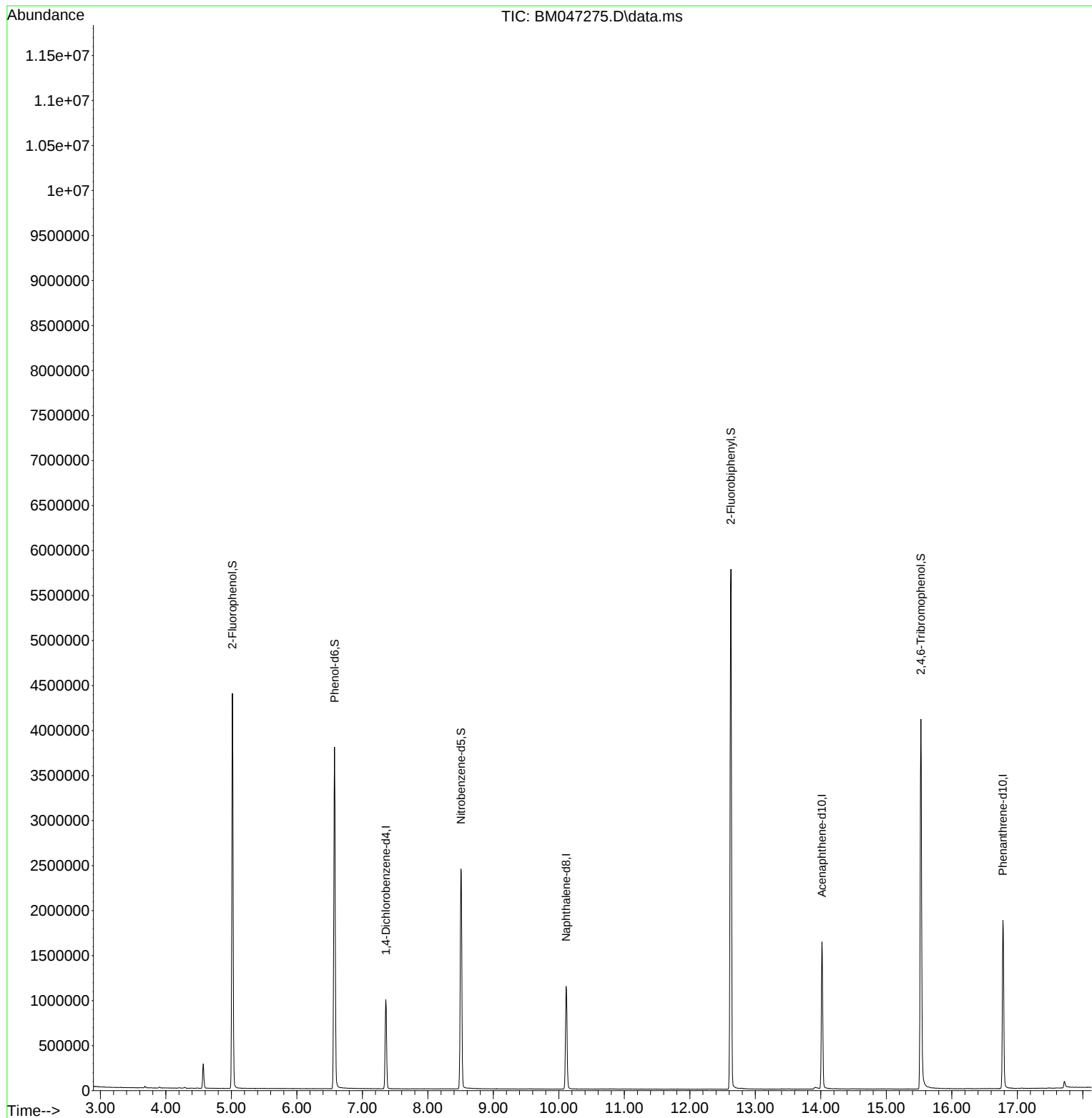
Target Compounds	Qvalue

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

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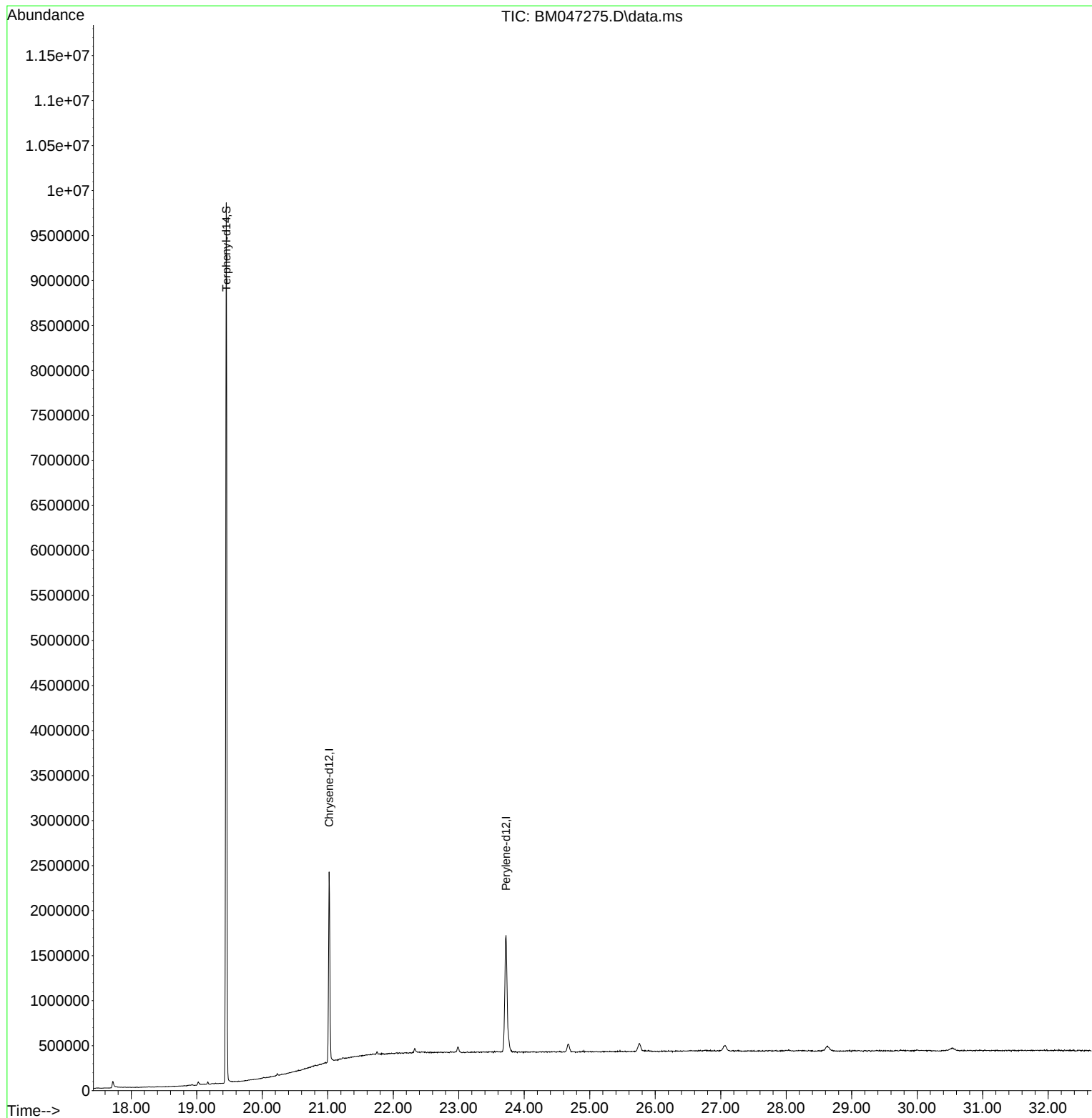
Quant Time: Aug 21 02:48:01 2024
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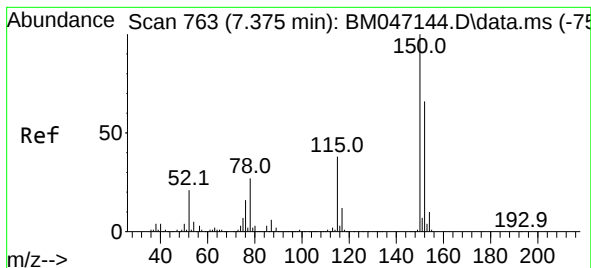


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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.357 min Scan# 7

Delta R.T. -0.018 min

Lab File: BM047275.D

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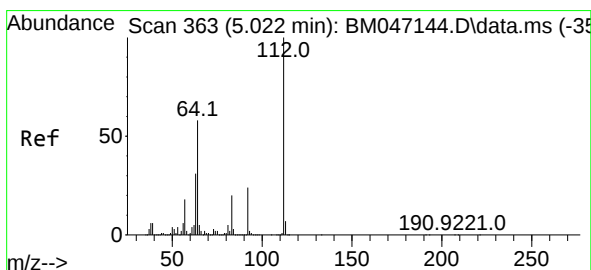
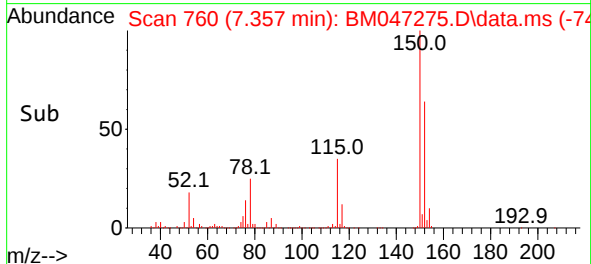
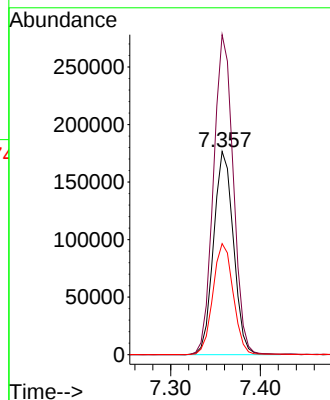
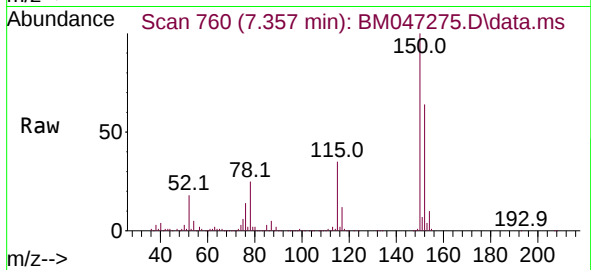
Tgt Ion:152 Resp: 271766

Ion Ratio Lower Upper

152 100

150 157.4 120.5 180.7

115 54.7 45.5 68.3



#5

2-Fluorophenol

Concen: 117.440 ng

RT: 5.016 min Scan# 362

Delta R.T. -0.006 min

Lab File: BM047275.D

Acq: 20 Aug 2024 18:16

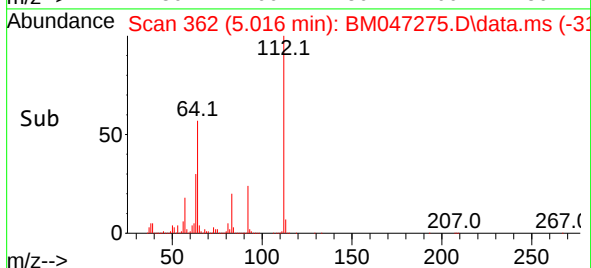
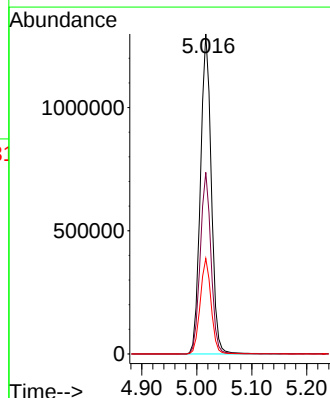
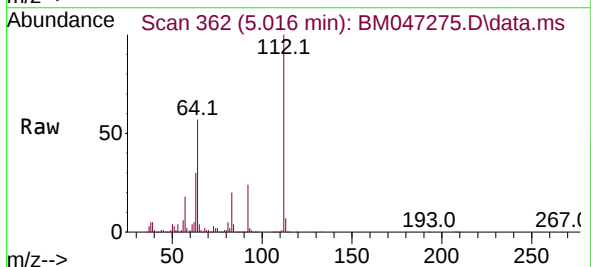
Tgt Ion:112 Resp: 1786174

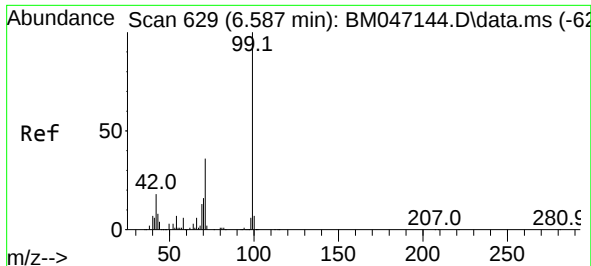
Ion Ratio Lower Upper

112 100

64 56.7 46.7 70.1

63 29.9 24.8 37.2



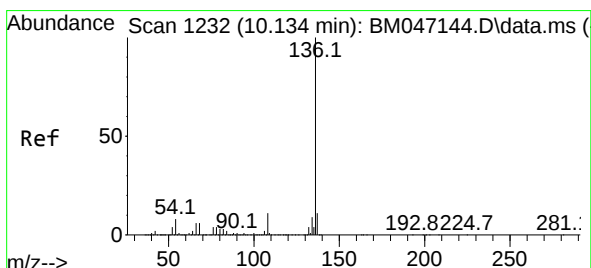
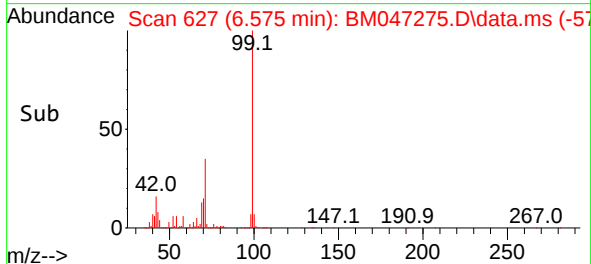
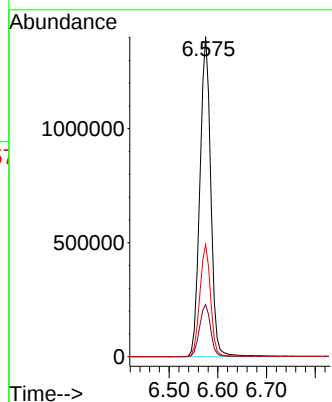
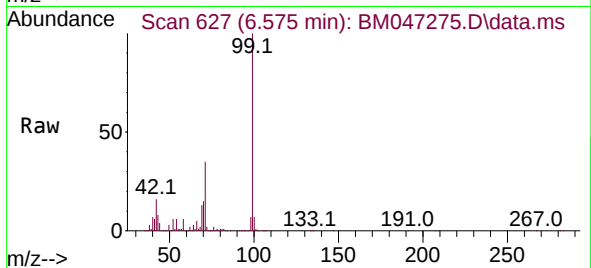


#7
Phenol-d6
Concen: 104.471 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047275.D
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Instrument :
BNA_M
ClientSampleId :
PB162861BL

Tgt Ion: 99 Resp: 2189420

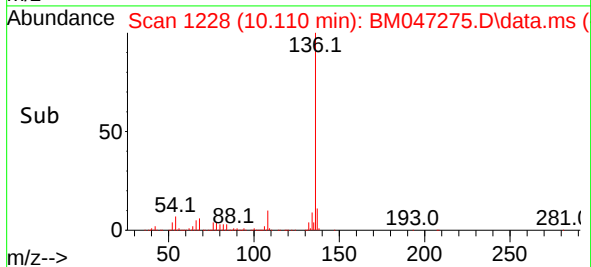
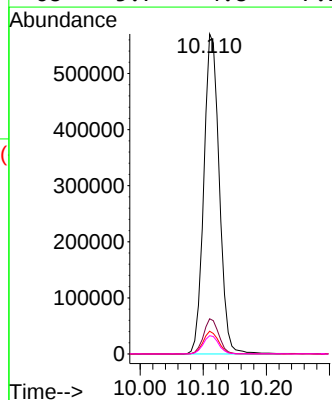
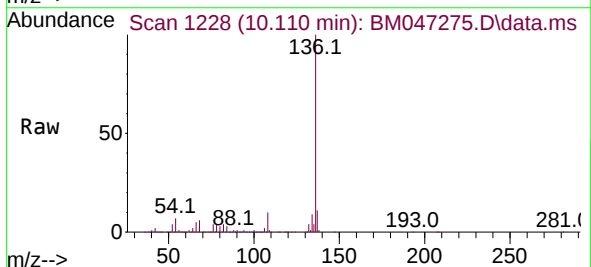
Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.1	21.1
71	35.0	28.5	42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.110 min Scan# 1228
Delta R.T. -0.024 min
Lab File: BM047275.D
Acq: 20 Aug 2024 18:16

Tgt Ion: 136 Resp: 970762

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.1	6.0	9.0
68	5.7	4.8	7.2

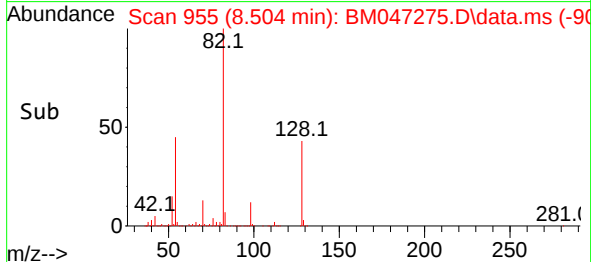
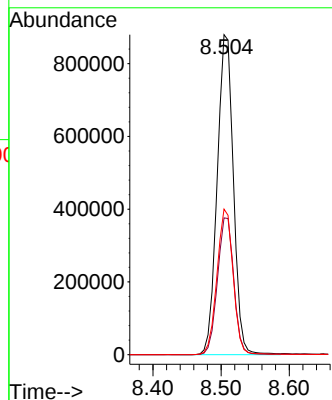
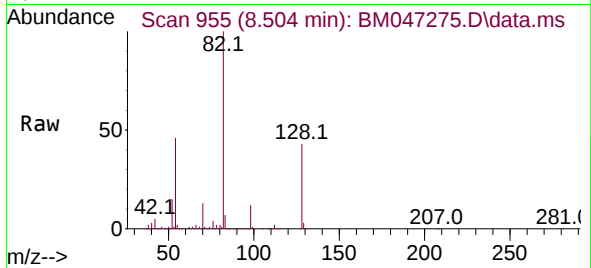




#23
Nitrobenzene-d5
Concen: 75.790 ng
RT: 8.504 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM047275.D
Acq: 20 Aug 2024 18:16

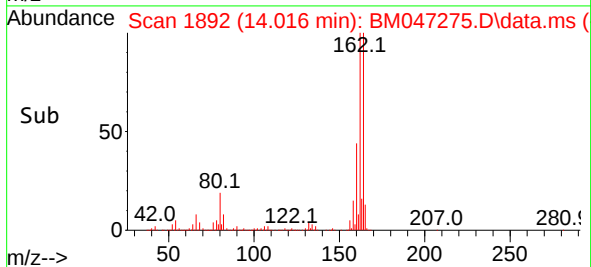
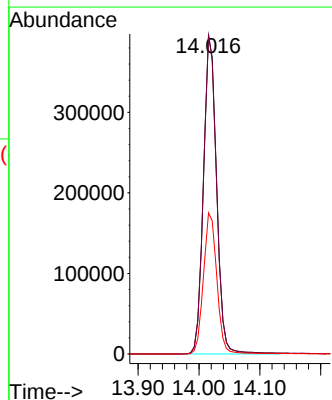
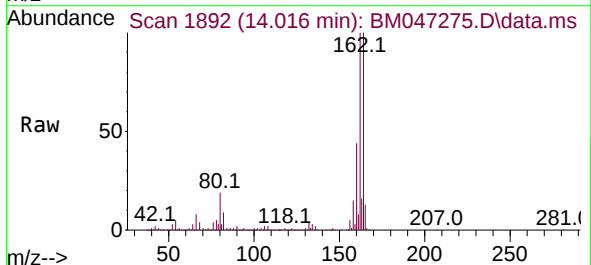
Instrument :
BNA_M
ClientSampleId :
PB162861BL

Tgt Ion: 82 Resp: 1461155
Ion Ratio Lower Upper
82 100
128 42.8 32.3 48.5
54 45.5 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: BM047275.D
Acq: 20 Aug 2024 18:16

Tgt Ion: 164 Resp: 590959
Ion Ratio Lower Upper
164 100
162 100.5 80.7 121.1
160 44.3 36.0 54.0

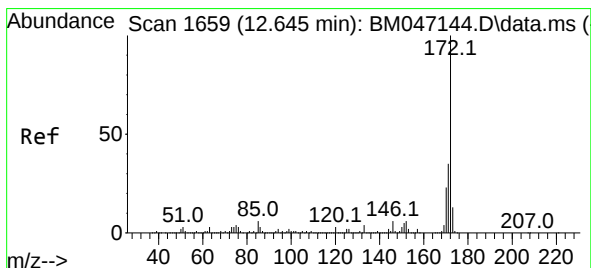
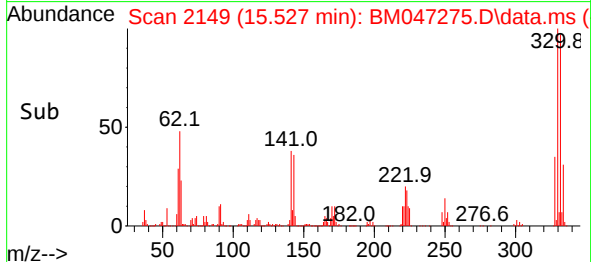
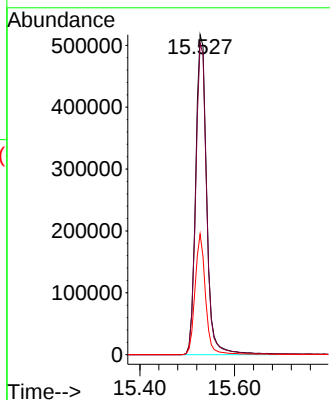
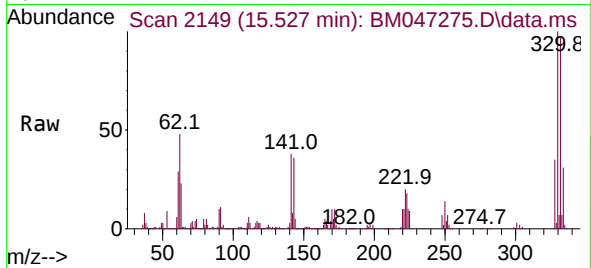




#42
2,4,6-Tribromophenol
Concen: 122.327 ng
RT: 15.527 min Scan# 2151
Delta R.T. -0.012 min
Lab File: BM047275.D
Acq: 20 Aug 2024 18:16

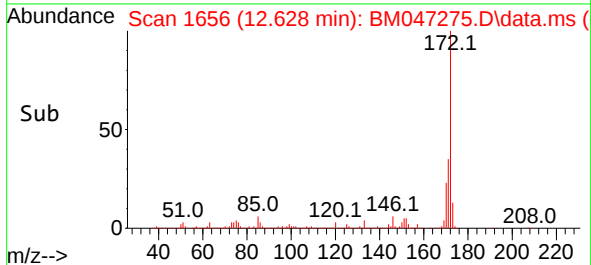
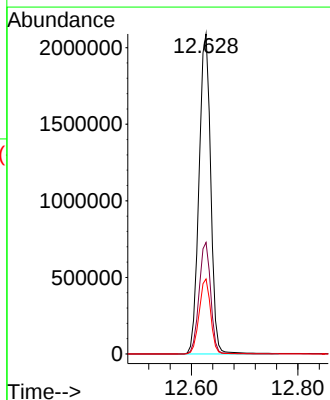
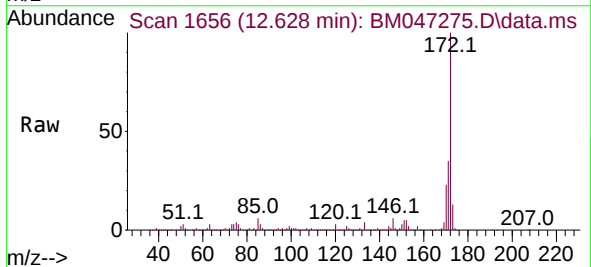
Instrument :
BNA_M
ClientSampleId :
PB162861BL

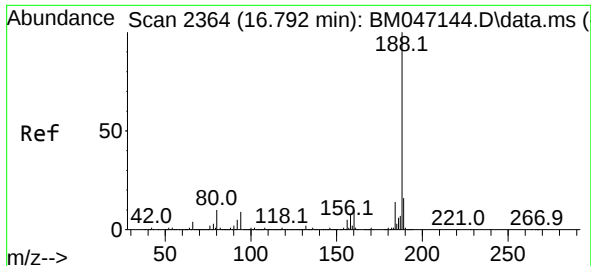
Tgt Ion:330 Resp: 838220
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 35.9 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 82.940 ng
RT: 12.628 min Scan# 1656
Delta R.T. -0.017 min
Lab File: BM047275.D
Acq: 20 Aug 2024 18:16

Tgt Ion:172 Resp: 3177514
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.4 18.7 28.1

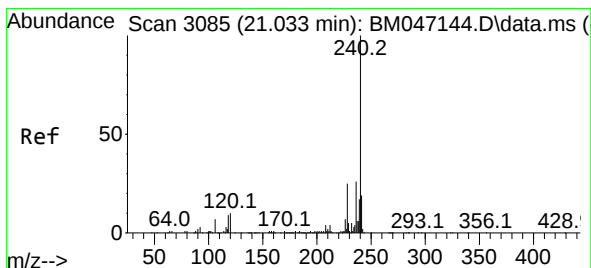
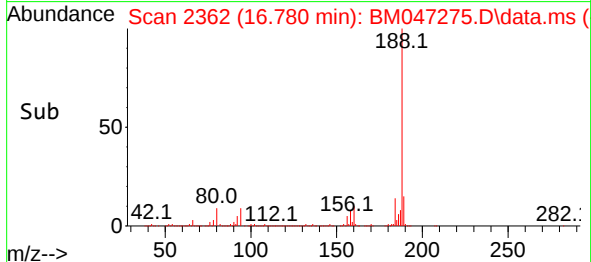
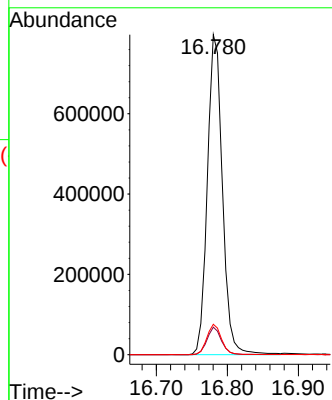
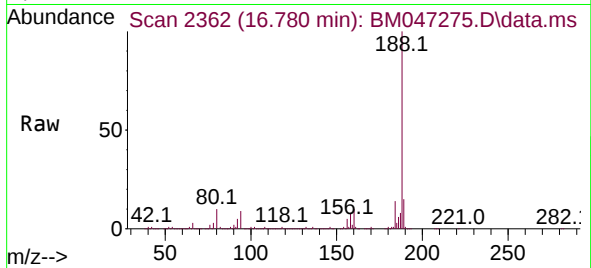




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.780 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047275.D
Acq: 20 Aug 2024 18:16

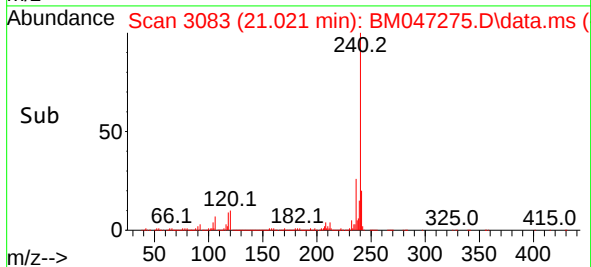
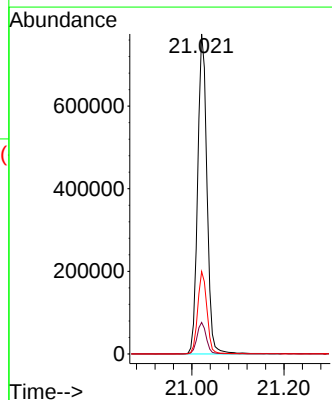
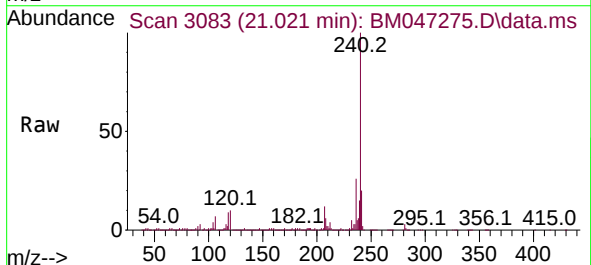
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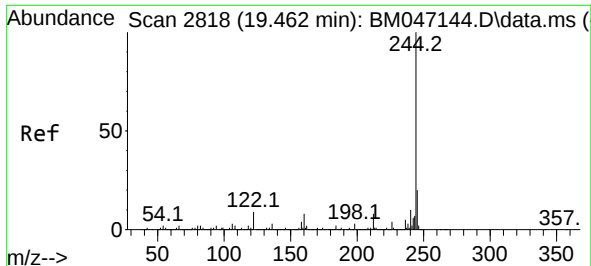
Tgt Ion:188 Resp: 1177083
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.5 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BM047275.D
Acq: 20 Aug 2024 18:16

Tgt Ion:240 Resp: 1082208
Ion Ratio Lower Upper
240 100
120 9.9 8.2 12.2
236 25.7 20.6 30.8

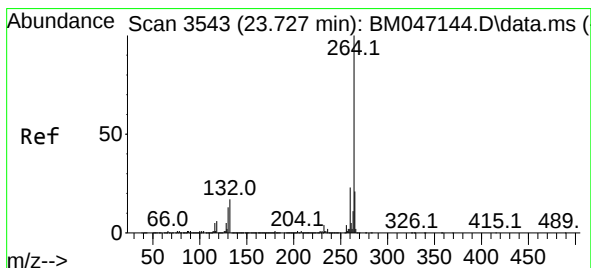
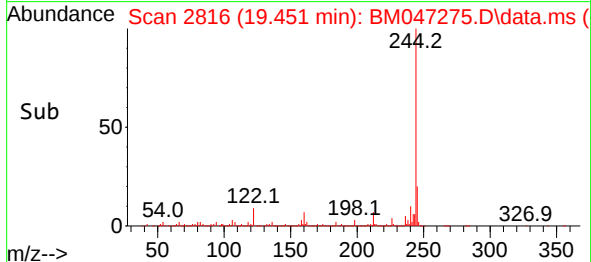
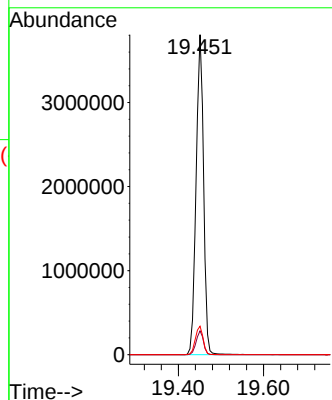
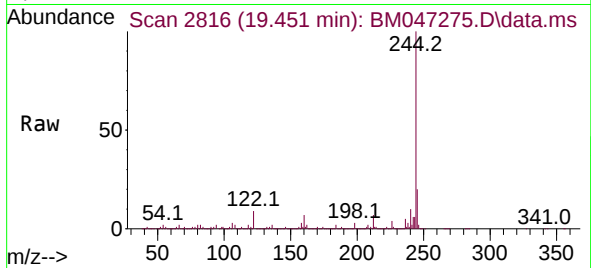




#79
 Terphenyl-d14
 Concen: 91.497 ng
 RT: 19.451 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047275.D
 Acq: 20 Aug 2024 18:16

Instrument :
 BNA_M
 ClientSampleId :
 PB162861BL

Tgt Ion:244 Resp: 4621078
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 8.9 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.721 min Scan# 3542
 Delta R.T. -0.006 min
 Lab File: BM047275.D
 Acq: 20 Aug 2024 18:16

Tgt Ion:264 Resp: 1234158
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.5 27.7
 265 21.7 17.3 25.9

