

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081624\
 Data File : BM047238.D
 Acq On : 16 Aug 2024 17:11
 Operator : RC/JU
 Sample : P3615-03 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HR-02-081424

Quant Time: Aug 16 18:11:20 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)

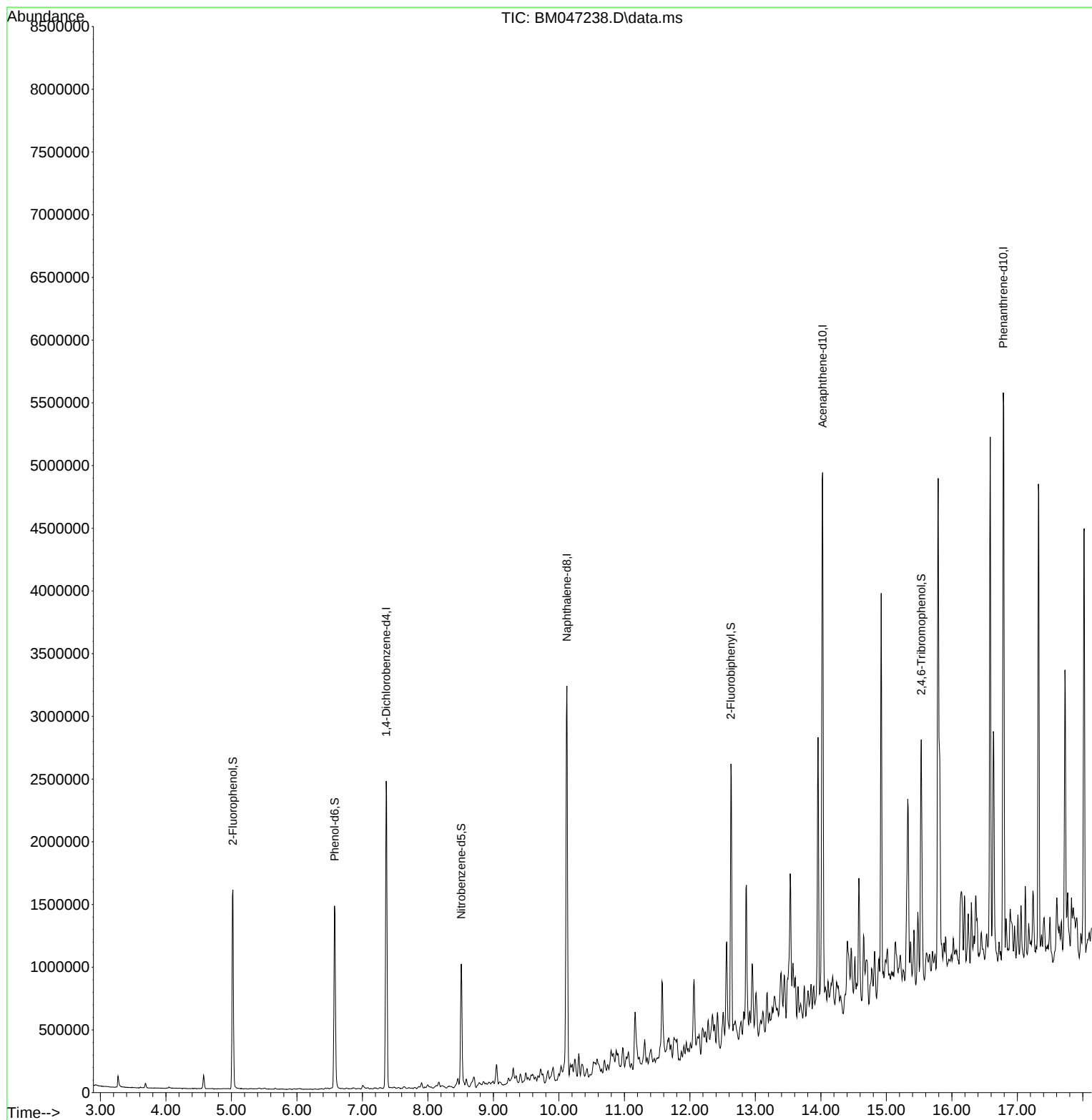
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.363	152	681943	20.000	ng	-0.01
21) Naphthalene-d8	10.122	136	2351641	20.000	ng	-0.01
39) Acenaphthene-d10	14.027	164	1457854	20.000	ng	0.00
64) Phenanthrene-d10	16.786	188	2817398	20.000	ng	0.00
76) Chrysene-d12	21.027	240	2647690	20.000	ng	0.00
86) Perylene-d12	23.733	264	3156745	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	679394	17.802	ng	0.00
7) Phenol-d6	6.575	99	849618	16.156	ng	-0.01
23) Nitrobenzene-d5	8.510	82	554269	11.868	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	286906	16.973	ng	0.00
45) 2-Fluorobiphenyl	12.627	172	1207176	12.773	ng	-0.02
79) Terphenyl-d14	19.456	244	1573956	12.738	ng	0.00
Target Compounds						
9) Benzaldehyde	6.528	77	992	Below Cal	Qvalue #	10
78) Pyrene	19.227	202	405140	2.143	ng	99

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

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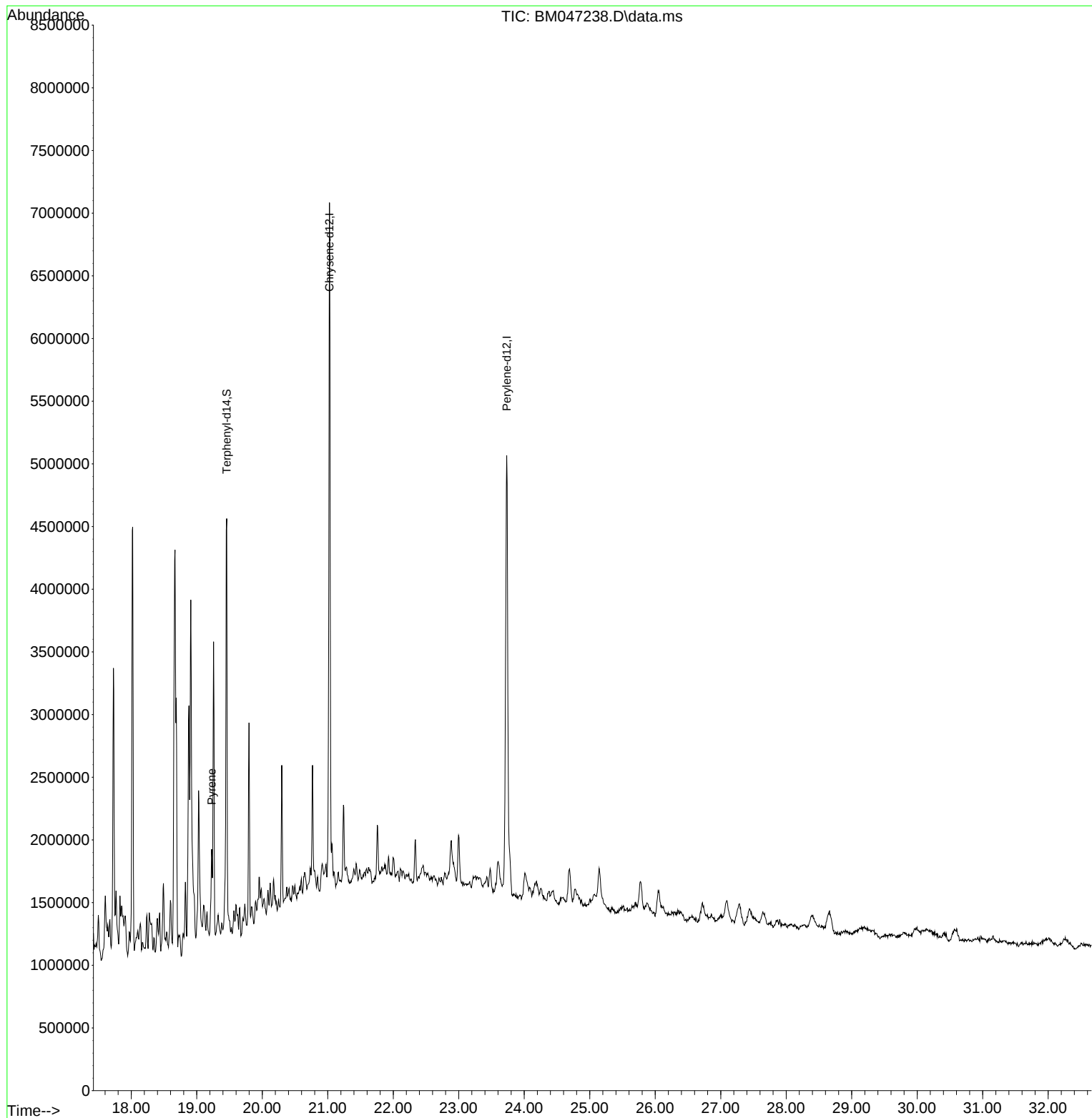
Quant Time: Aug 16 18:11:20 2024
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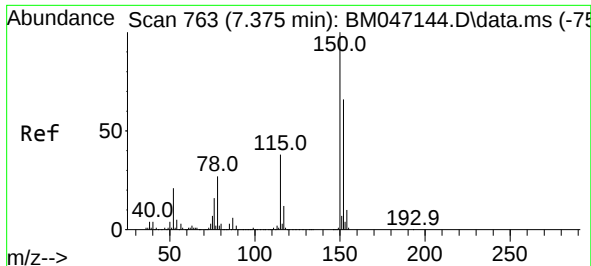


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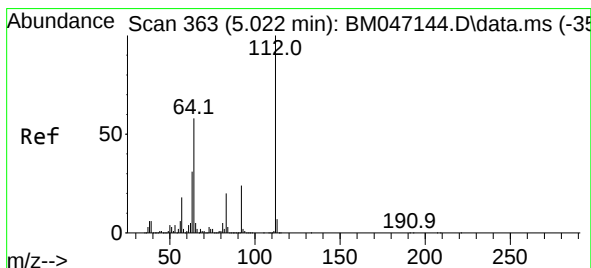
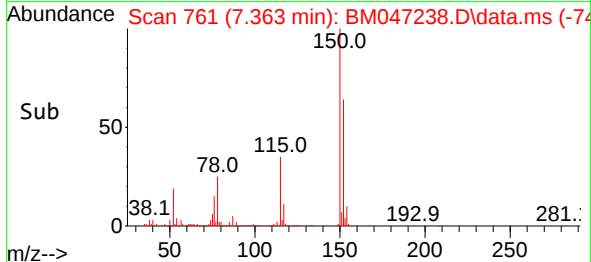
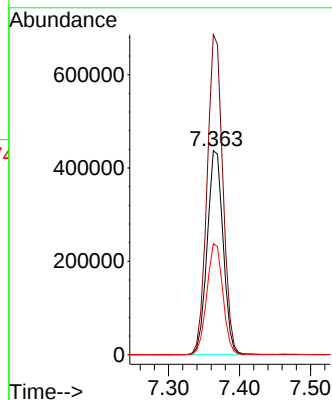
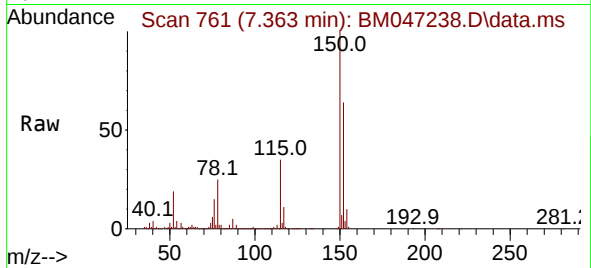




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 763
Delta R.T. -0.012 min
Lab File: BM047238.D
Acq: 16 Aug 2024 17:11

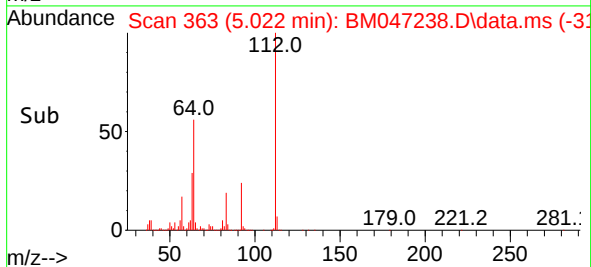
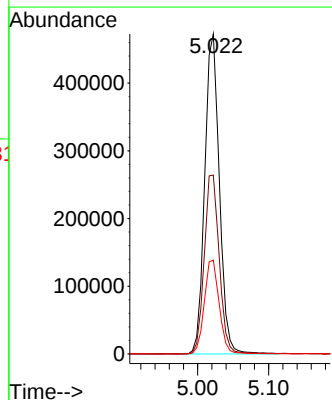
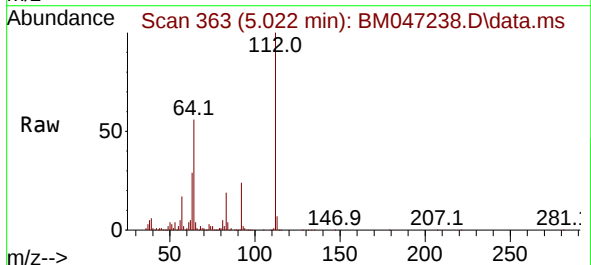
Instrument :
BNA_M
ClientSampleId :
HR-02-081424

Tgt Ion:152 Resp: 681943
Ion Ratio Lower Upper
152 100
150 156.8 120.5 180.7
115 54.5 45.5 68.3



#5
2-Fluorophenol
Concen: 17.802 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047238.D
Acq: 16 Aug 2024 17:11

Tgt Ion:112 Resp: 679394
Ion Ratio Lower Upper
112 100
64 55.9 46.7 70.1
63 29.4 24.8 37.2

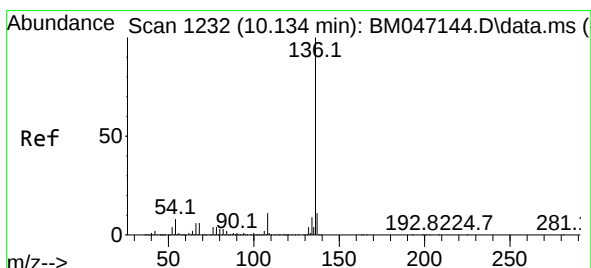
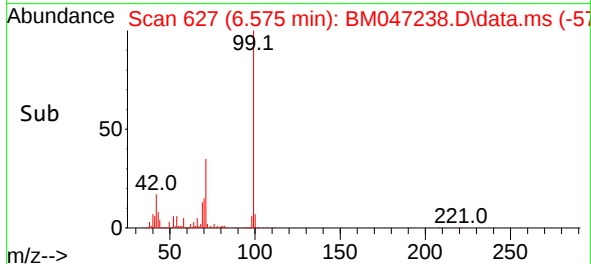
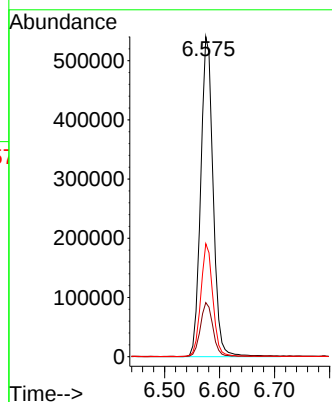
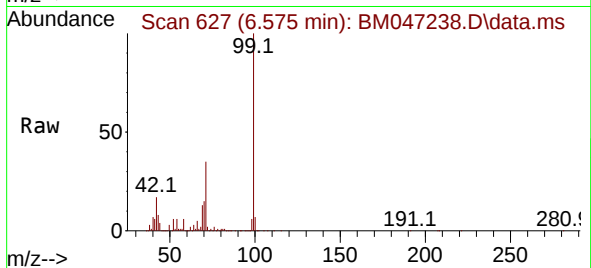




#7
Phenol-d6
Concen: 16.156 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047238.D
Acq: 16 Aug 2024 17:11

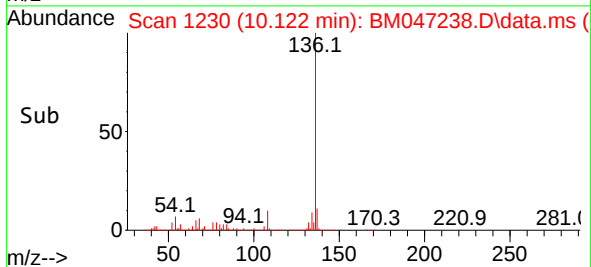
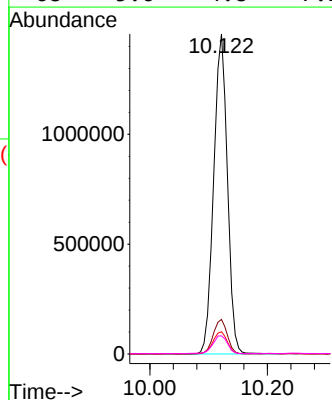
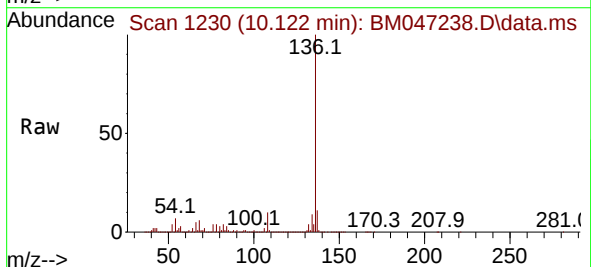
Instrument :
BNA_M
ClientSampleId :
HR-02-081424

Tgt Ion: 99 Resp: 849618
Ion Ratio Lower Upper
99 100
42 16.9 14.1 21.1
71 35.3 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BM047238.D
Acq: 16 Aug 2024 17:11

Tgt Ion: 136 Resp: 2351641
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.0 6.0 9.0
68 5.6 4.8 7.2

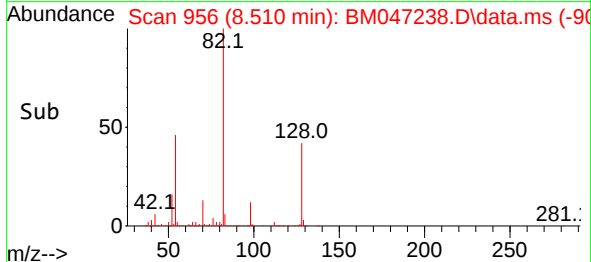
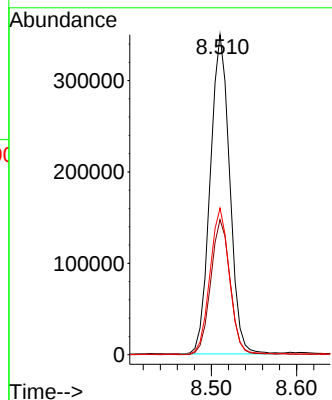
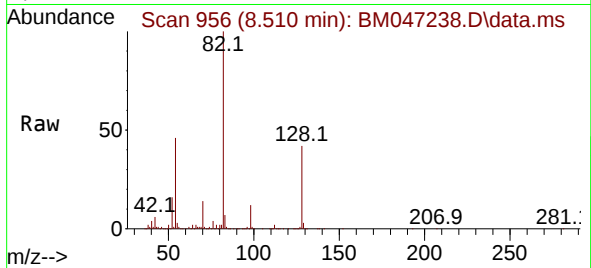




#23
 Nitrobenzene-d5
 Concen: 11.868 ng
 RT: 8.510 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BM047238.D
 Acq: 16 Aug 2024 17:11

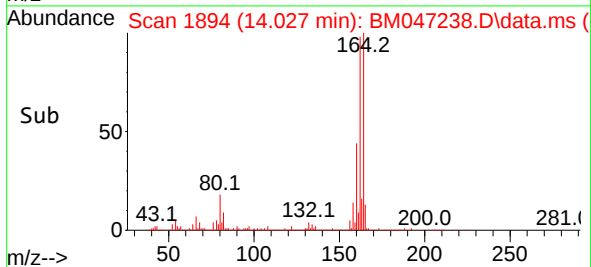
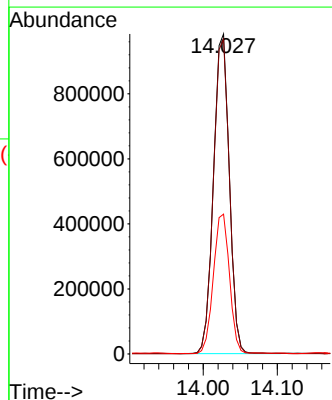
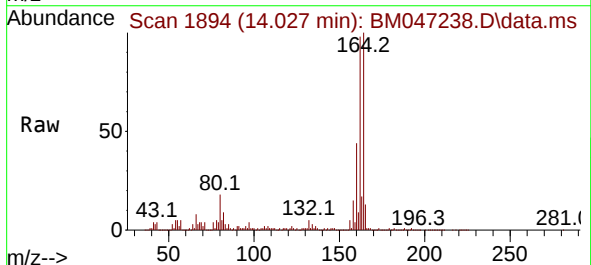
Instrument :
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 ClientSampleId :
 HR-02-081424

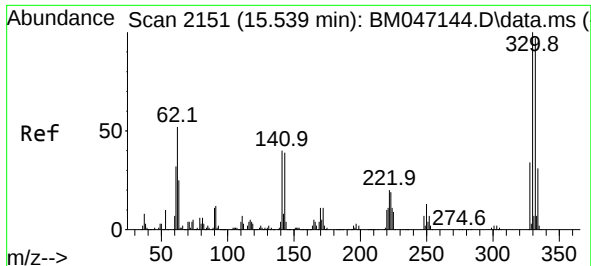
Tgt Ion: 82 Resp: 554269
 Ion Ratio Lower Upper
 82 100
 128 42.2 32.3 48.5
 54 45.8 37.4 56.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.027 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: BM047238.D
 Acq: 16 Aug 2024 17:11

Tgt Ion: 164 Resp: 1457854
 Ion Ratio Lower Upper
 164 100
 162 98.4 80.7 121.1
 160 43.7 36.0 54.0

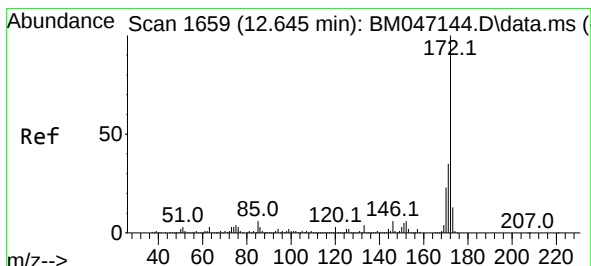
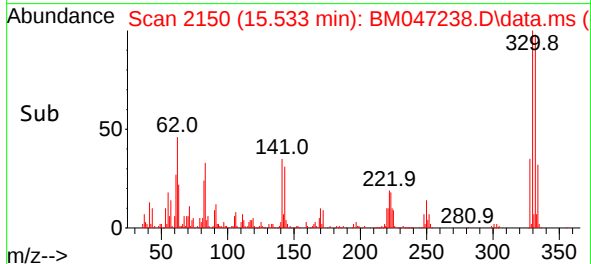
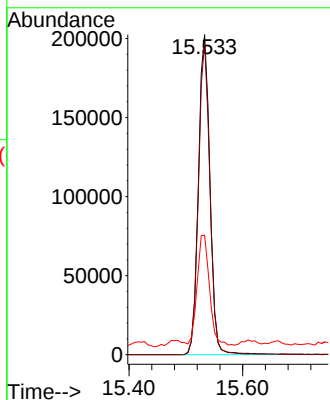
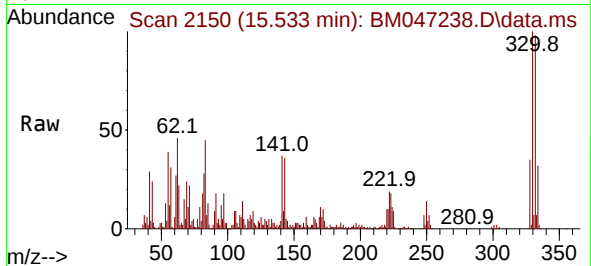




#42
2,4,6-Tribromophenol
Concen: 16.973 ng
RT: 15.533 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM047238.D
Acq: 16 Aug 2024 17:11

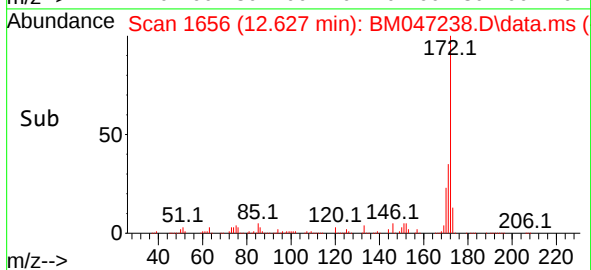
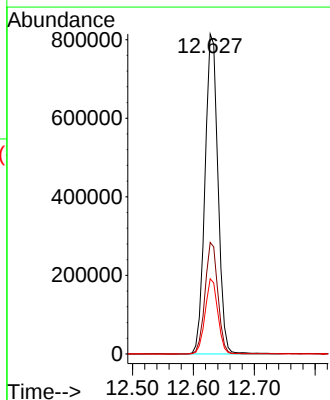
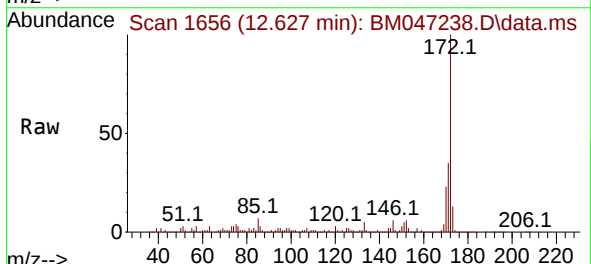
Instrument :
BNA_M
ClientSampleId :
HR-02-081424

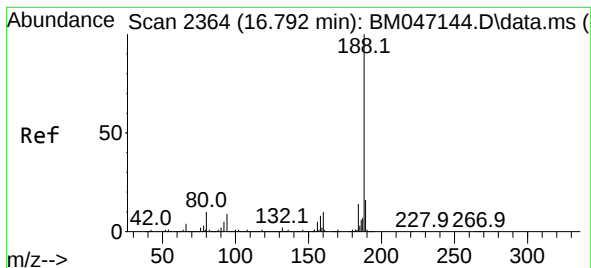
Tgt Ion:330 Resp: 286906
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.2
141 36.5 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 12.773 ng
RT: 12.627 min Scan# 1656
Delta R.T. -0.018 min
Lab File: BM047238.D
Acq: 16 Aug 2024 17:11

Tgt Ion:172 Resp: 1207176
Ion Ratio Lower Upper
172 100
171 34.9 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: BM047238.D

Acq: 16 Aug 2024 17:11

Instrument :

BNA_M

ClientSampleId :

HR-02-081424

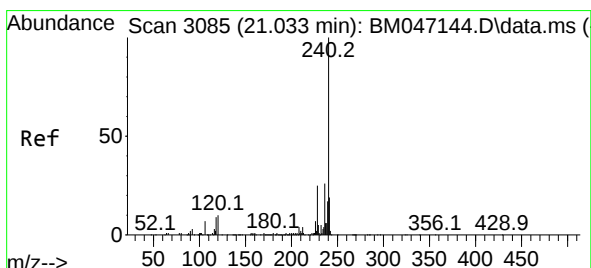
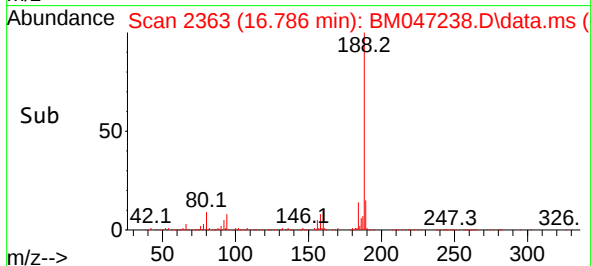
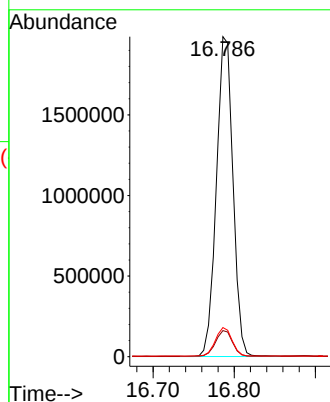
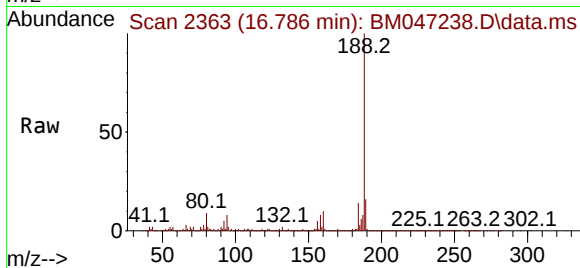
Tgt Ion:188 Resp: 2817398

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.6

80 9.1 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.027 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM047238.D

Acq: 16 Aug 2024 17:11

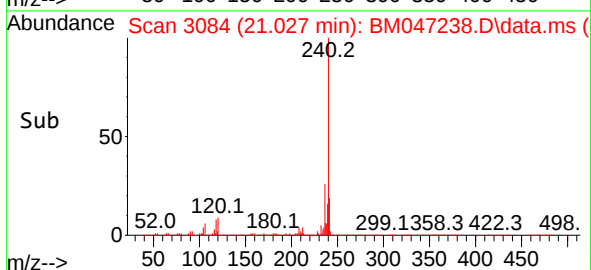
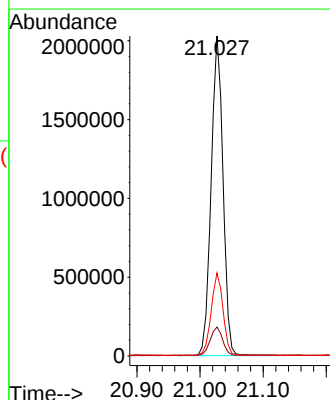
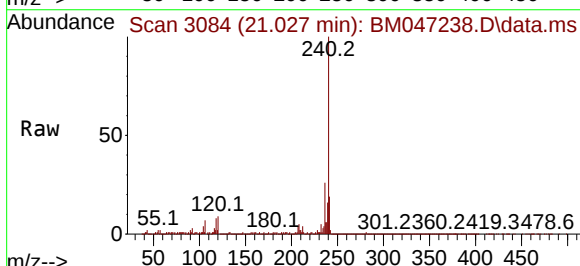
Tgt Ion:240 Resp: 2647690

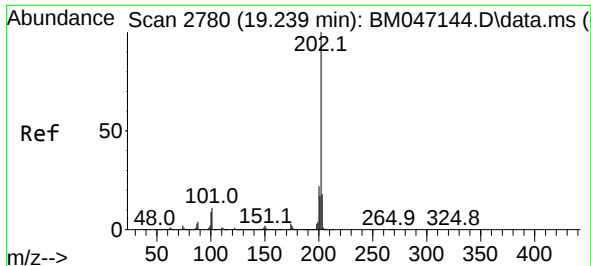
Ion Ratio Lower Upper

240 100

120 9.1 8.2 12.2

236 25.9 20.6 30.8

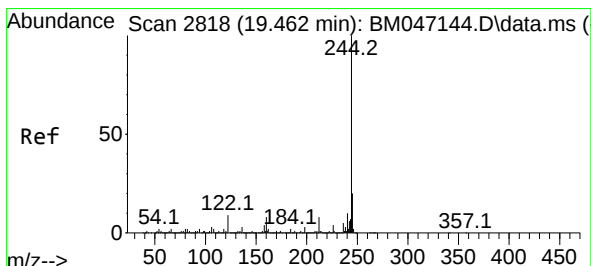
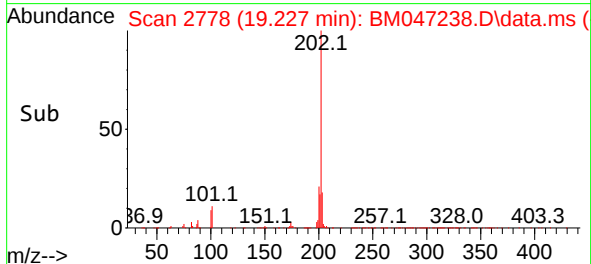
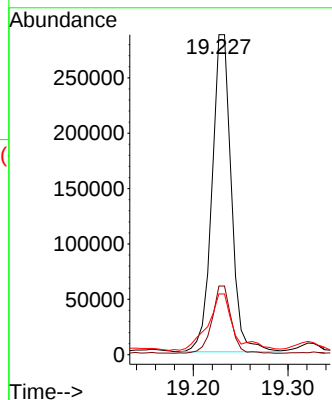
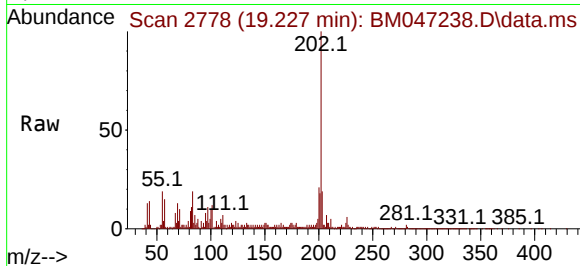




#78
Pyrene
Concen: 2.143 ng
RT: 19.227 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047238.D
Acq: 16 Aug 2024 17:11

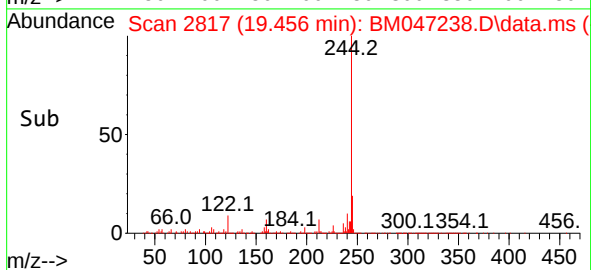
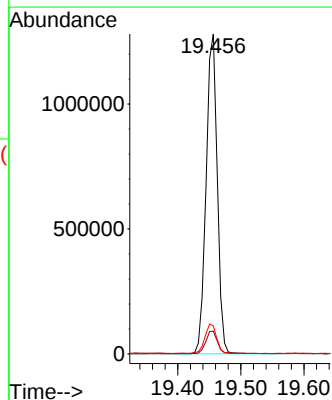
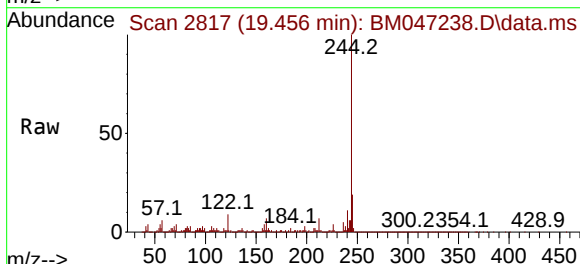
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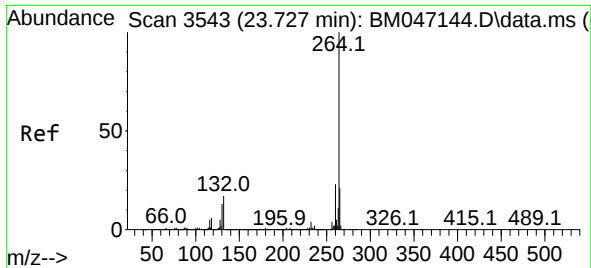
Tgt Ion:202 Resp: 405140
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 19.0 14.2 21.2



#79
Terphenyl-d14
Concen: 12.738 ng
RT: 19.456 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BM047238.D
Acq: 16 Aug 2024 17:11

Tgt Ion:244 Resp: 1573956
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.4
122 8.8 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.733 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM047238.D
Acq: 16 Aug 2024 17:11

Instrument :
BNA_M
ClientSampleId :
HR-02-081424

Tgt Ion:264 Resp: 3156745

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	22.1	17.3	25.9

