

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082224\
 Data File : BM047315.D
 Acq On : 22 Aug 2024 13:51
 Operator : RC/JU
 Sample : P3671-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-928-KI-SO-0-0.5-081924

Quant Time: Aug 22 14:31:45 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	7.351	152	278437	20.000	ng	-0.02
21) Naphthalene-d8	10.104	136	1046347	20.000	ng	-0.03
39) Acenaphthene-d10	14.010	164	702300	20.000	ng	-0.02
64) Phenanthrene-d10	16.774	188	1490855	20.000	ng	-0.02
76) Chrysene-d12	21.015	240	1318134	20.000	ng	-0.02
86) Perylene-d12	23.709	264	1285509	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	963125	61.808	ng	-0.01
7) Phenol-d6	6.569	99	1287940	59.984	ng	-0.02
23) Nitrobenzene-d5	8.498	82	875420	42.128	ng	-0.02
42) 2,4,6-Tribromophenol	15.521	330	485341	59.600	ng	-0.02
45) 2-Fluorobiphenyl	12.616	172	1429013	31.387	ng	-0.03
79) Terphenyl-d14	19.445	244	2046612	33.270	ng	-0.02

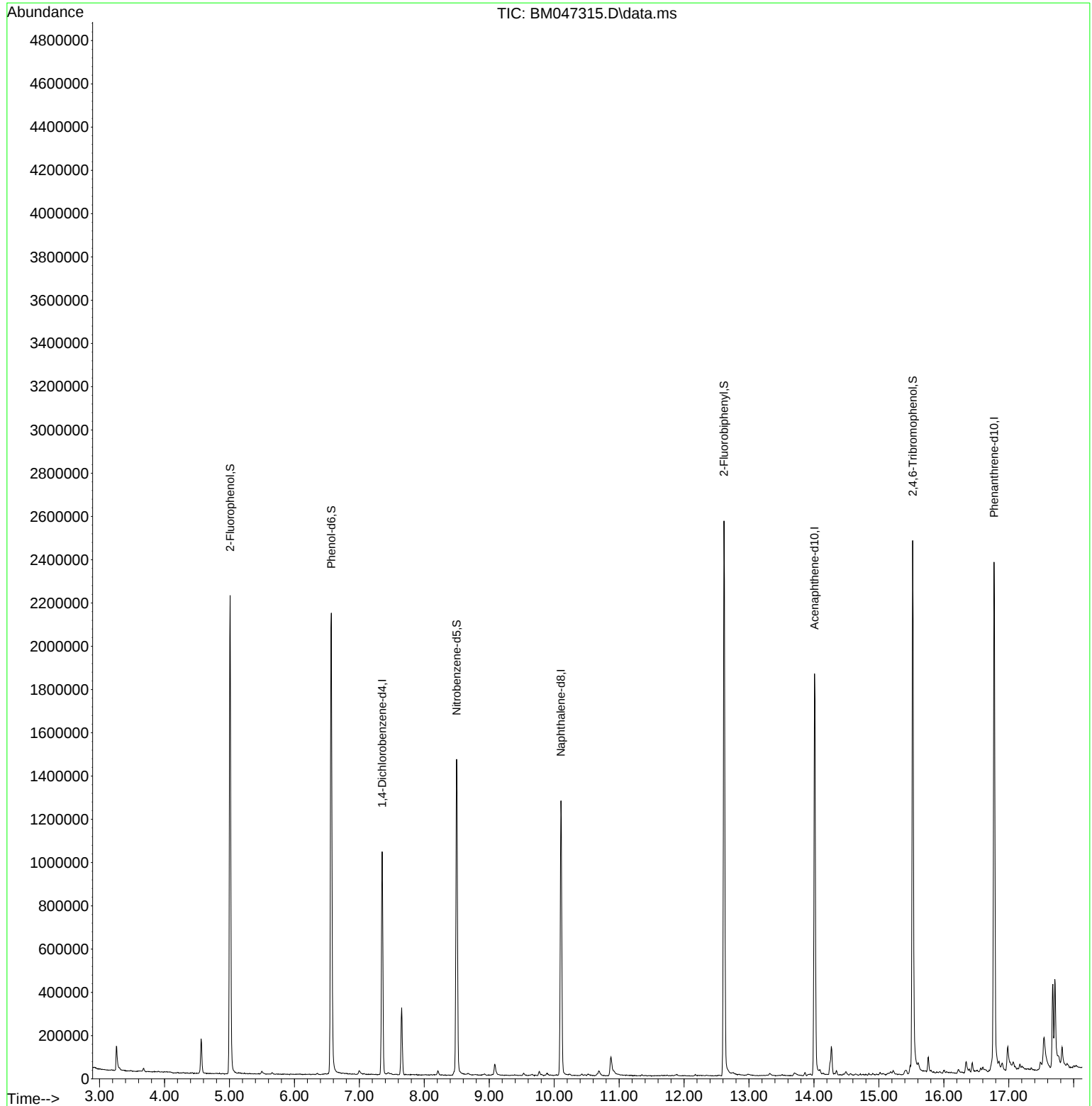
Target Compounds	Qvalue

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

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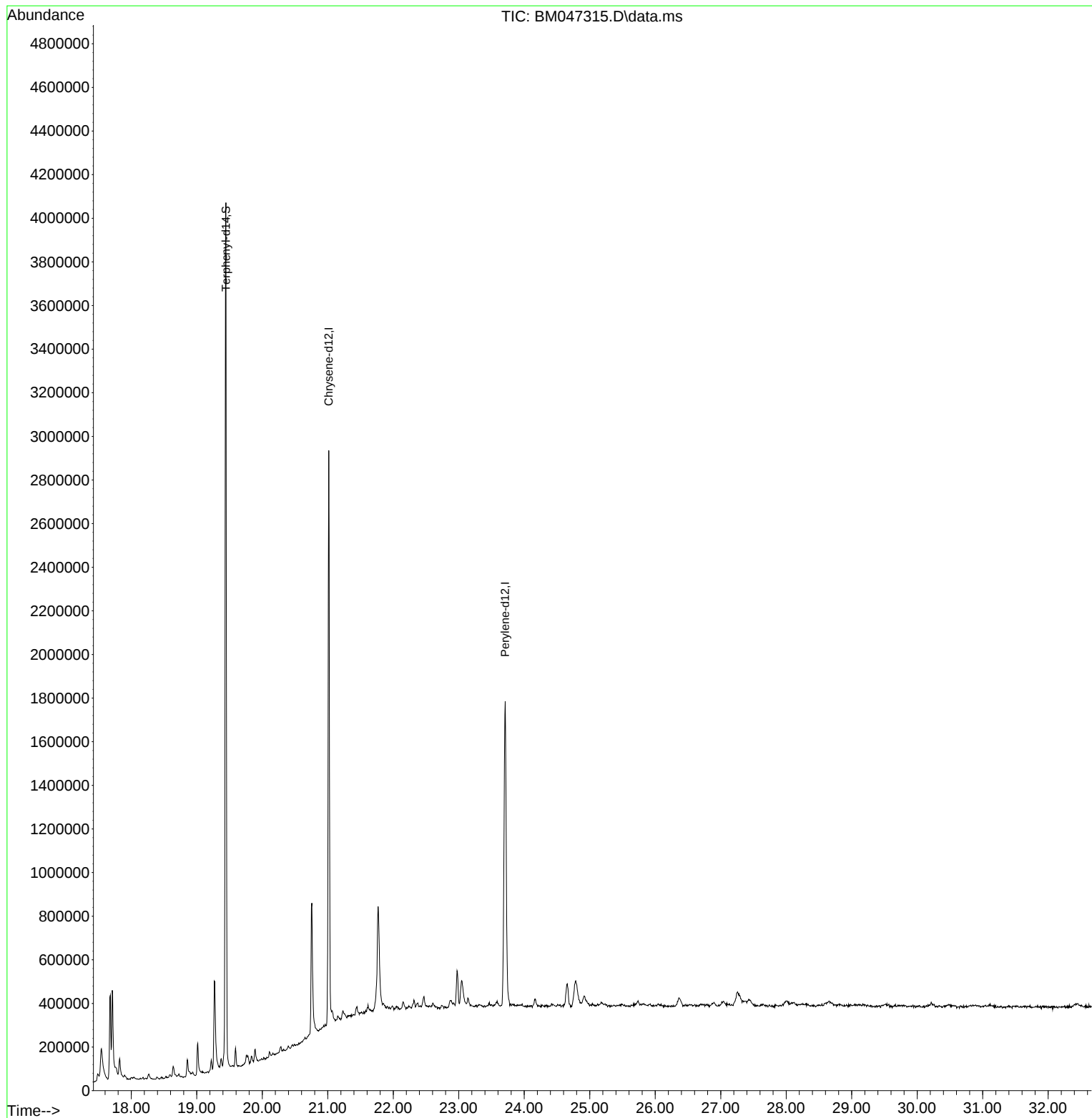
Quant Time: Aug 22 14:31:45 2024
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QLast Update : Sun Aug 11 23:47:58 2024
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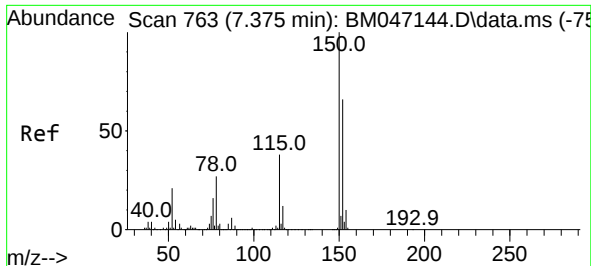


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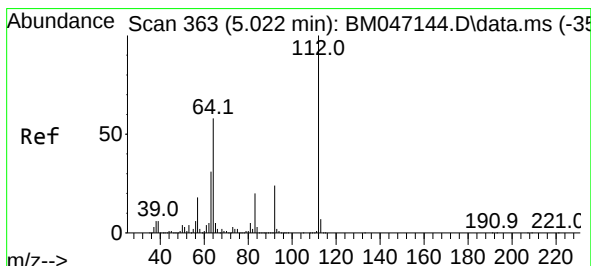
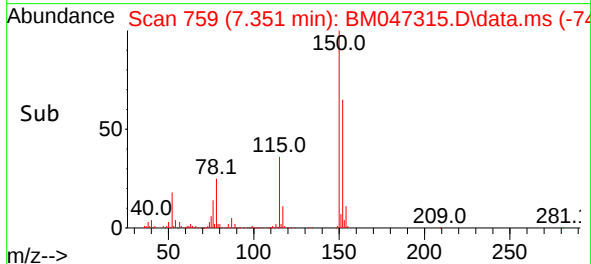
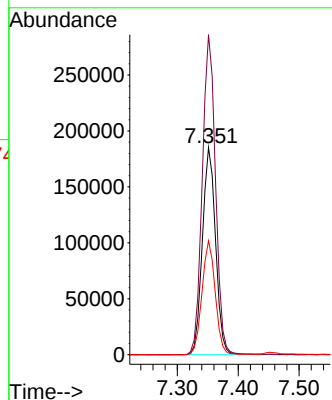
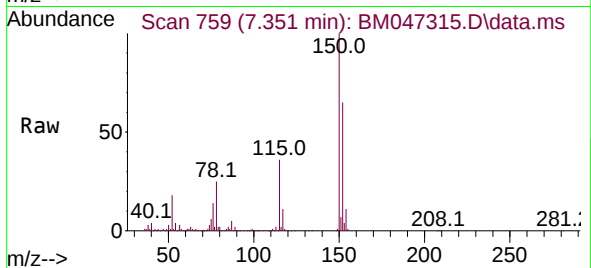




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 763
Delta R.T. -0.024 min
Lab File: BM047315.D
Acq: 22 Aug 2024 13:51

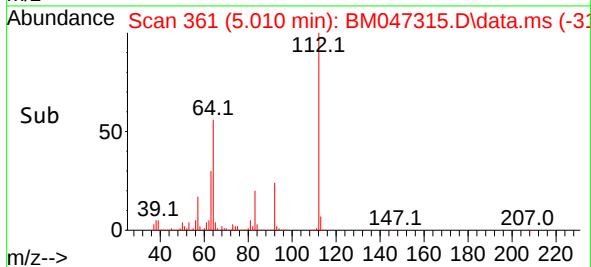
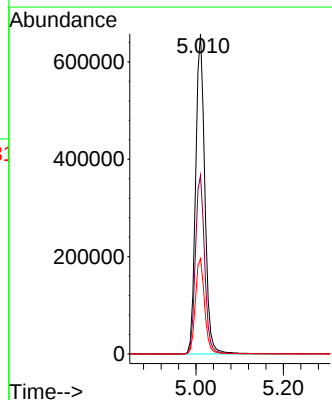
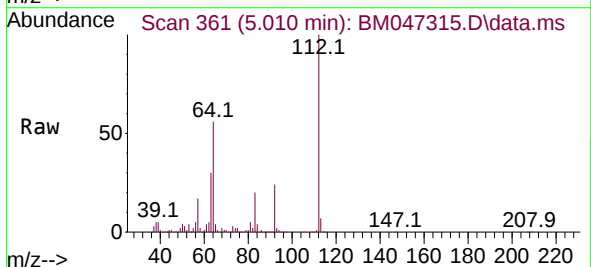
Instrument :
BNA_M
ClientSampleId :
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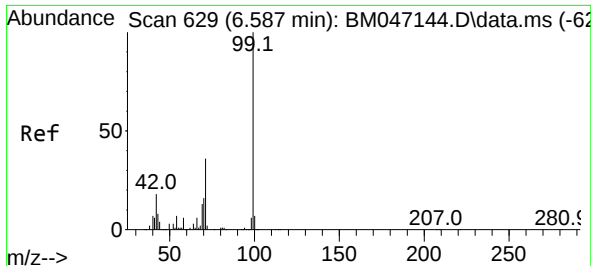
Tgt Ion:152 Resp: 278437
Ion Ratio Lower Upper
152 100
150 154.5 120.5 180.7
115 55.0 45.5 68.3



#5
2-Fluorophenol
Concen: 61.808 ng
RT: 5.010 min Scan# 361
Delta R.T. -0.012 min
Lab File: BM047315.D
Acq: 22 Aug 2024 13:51

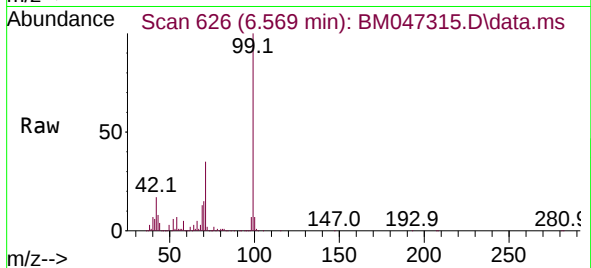
Tgt Ion:112 Resp: 963125
Ion Ratio Lower Upper
112 100
64 55.9 46.7 70.1
63 29.8 24.8 37.2





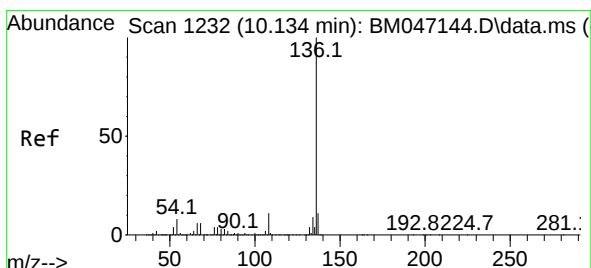
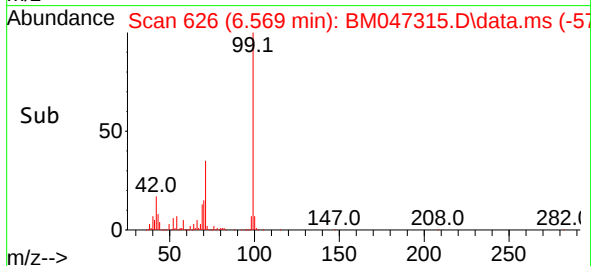
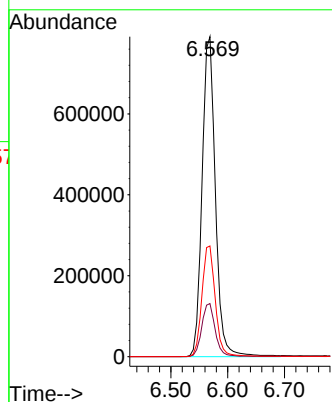
#7
Phenol-d6
Concen: 59.984 ng
RT: 6.569 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM047315.D
Acq: 22 Aug 2024 13:51

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 99 Resp: 1287940

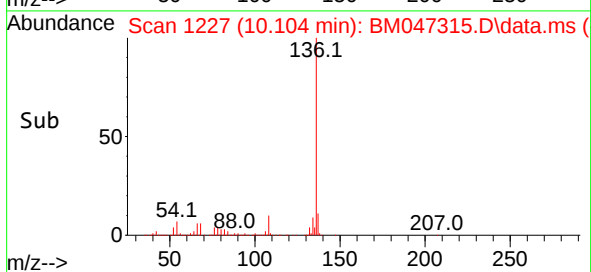
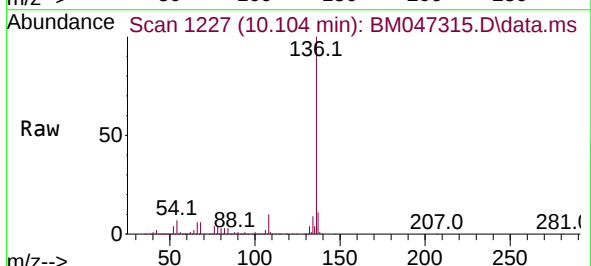
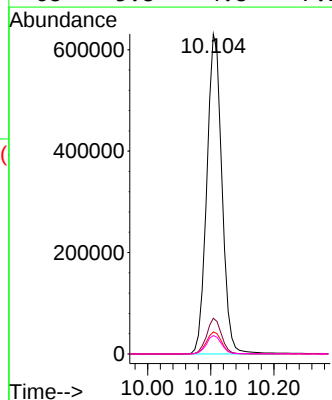
Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.1	21.1
71	34.6	28.5	42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. -0.030 min
Lab File: BM047315.D
Acq: 22 Aug 2024 13:51

Tgt Ion: 136 Resp: 1046347

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.9	6.0	9.0
68	5.8	4.8	7.2

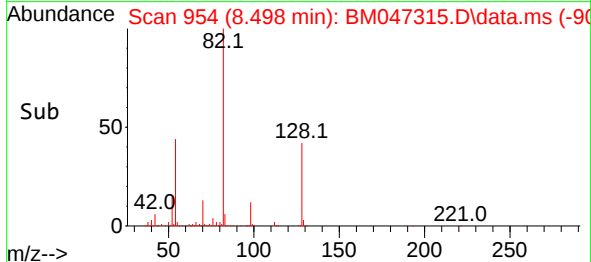
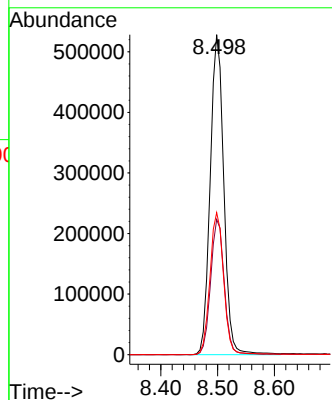
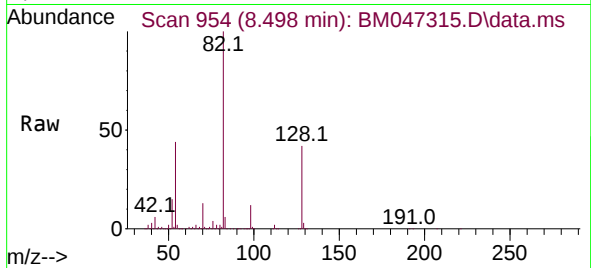




#23
Nitrobenzene-d5
Concen: 42.128 ng
RT: 8.498 min Scan# 91
Delta R.T. -0.024 min
Lab File: BM047315.D
Acq: 22 Aug 2024 13:51

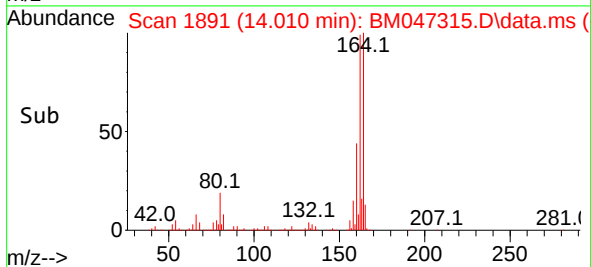
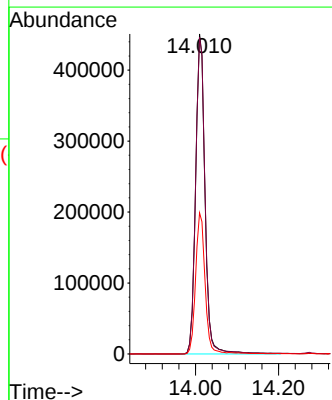
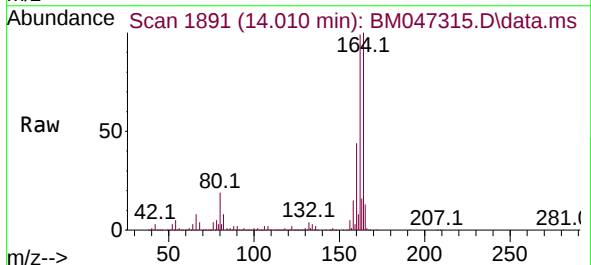
Instrument :
BNA_M
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Tgt Ion: 82 Resp: 875420
Ion Ratio Lower Upper
82 100
128 42.2 32.3 48.5
54 44.4 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.024 min
Lab File: BM047315.D
Acq: 22 Aug 2024 13:51

Tgt Ion:164 Resp: 702300
Ion Ratio Lower Upper
164 100
162 99.0 80.7 121.1
160 44.1 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 59.600 ng

RT: 15.521 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047315.D

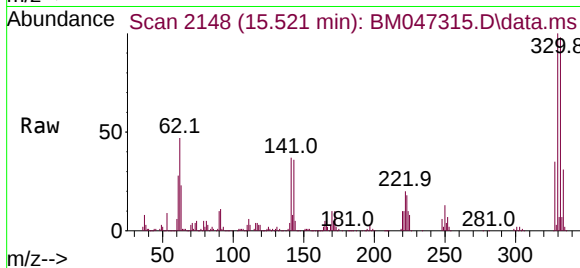
Acq: 22 Aug 2024 13:51

Instrument :

BNA_M

ClientSampleId :

S-928-KI-SO-0-0.5-081924



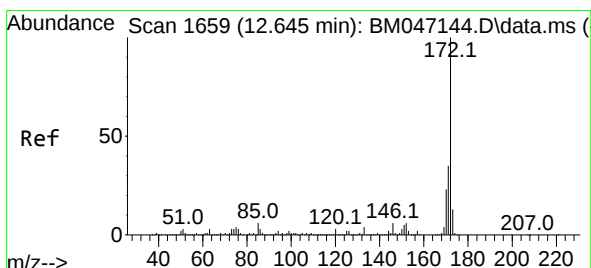
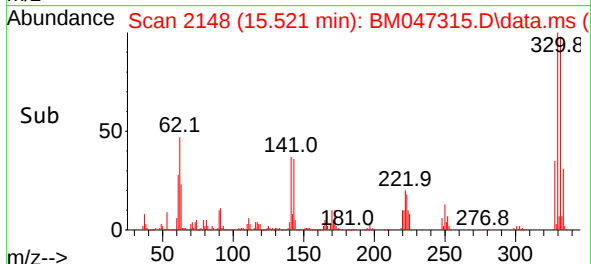
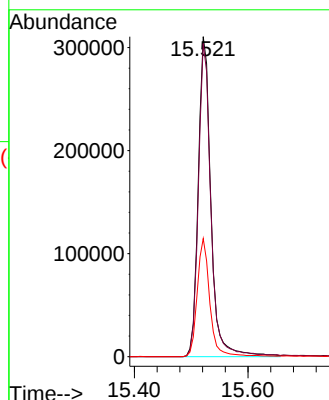
Tgt Ion:330 Resp: 485341

Ion Ratio Lower Upper

330 100

332 97.6 77.4 116.2

141 36.7 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 31.387 ng

RT: 12.616 min Scan# 1654

Delta R.T. -0.029 min

Lab File: BM047315.D

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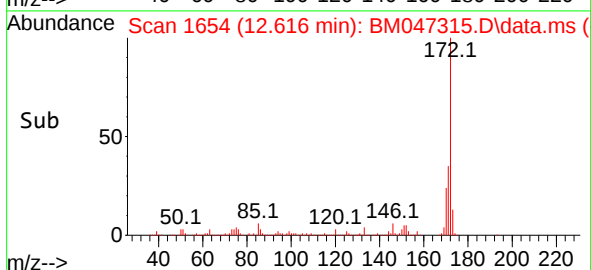
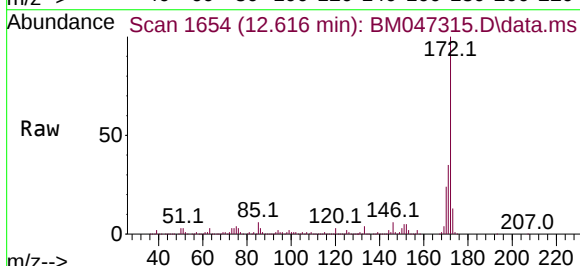
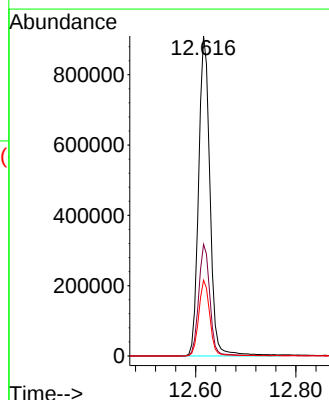
Tgt Ion:172 Resp: 1429013

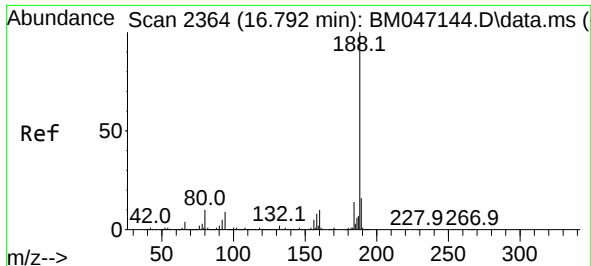
Ion Ratio Lower Upper

172 100

171 34.9 27.8 41.6

170 23.7 18.7 28.1

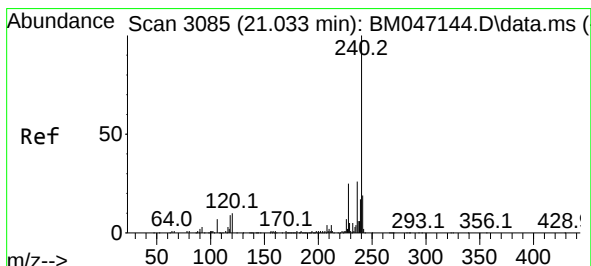
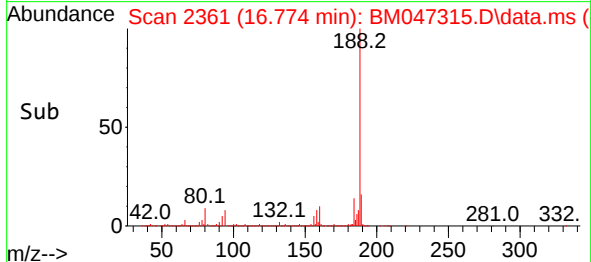
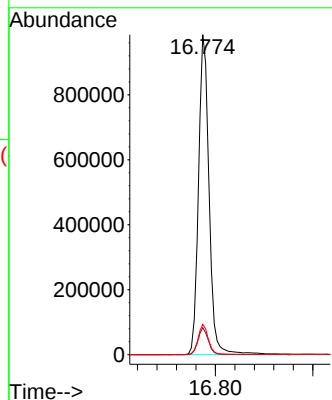
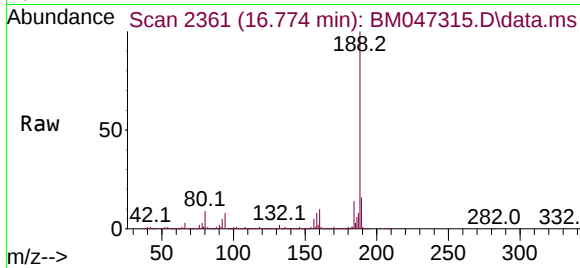




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM047315.D
Acq: 22 Aug 2024 13:51

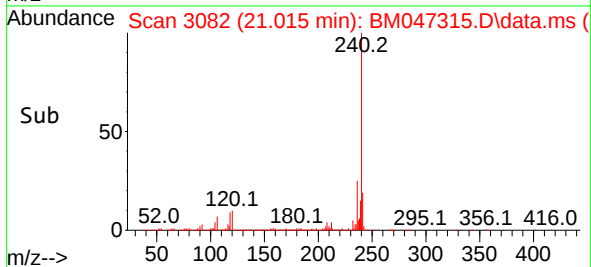
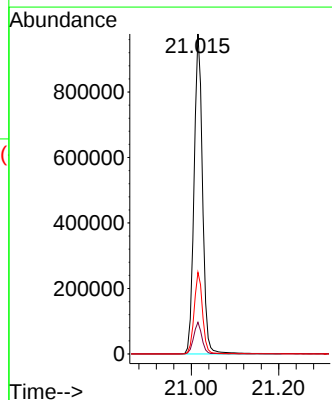
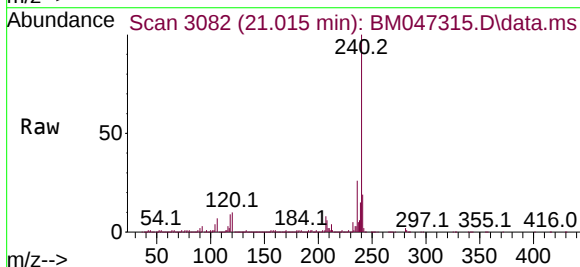
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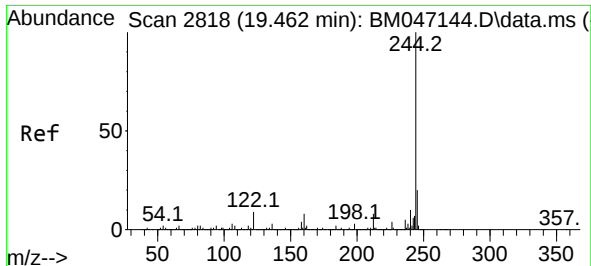
Tgt Ion:188 Resp: 1490855
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 9.5 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.015 min Scan# 3082
Delta R.T. -0.018 min
Lab File: BM047315.D
Acq: 22 Aug 2024 13:51

Tgt Ion:240 Resp: 1318134
Ion Ratio Lower Upper
240 100
120 9.9 8.2 12.2
236 25.5 20.6 30.8

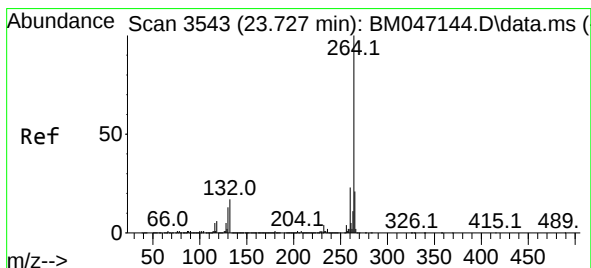
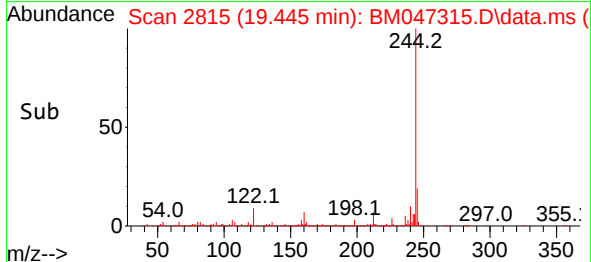
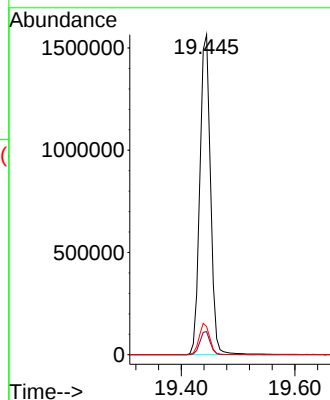
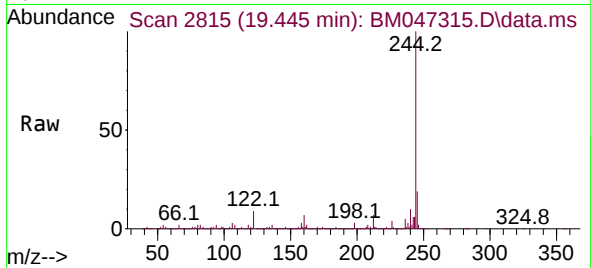




#79
 Terphenyl-d14
 Concen: 33.270 ng
 RT: 19.445 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM047315.D
 Acq: 22 Aug 2024 13:51

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 2046612
 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: 23.709 min Scan# 3540
 Delta R.T. -0.018 min
 Lab File: BM047315.D
 Acq: 22 Aug 2024 13:51

Tgt Ion:264 Resp: 1285509
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.5 27.7
 265 21.4 17.3 25.9

