

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081624\
 Data File : BM047240.D
 Acq On : 16 Aug 2024 18:32
 Operator : RC/JU
 Sample : P3615-07 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HR-04-081424

Quant Time: Aug 16 23:20:25 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)

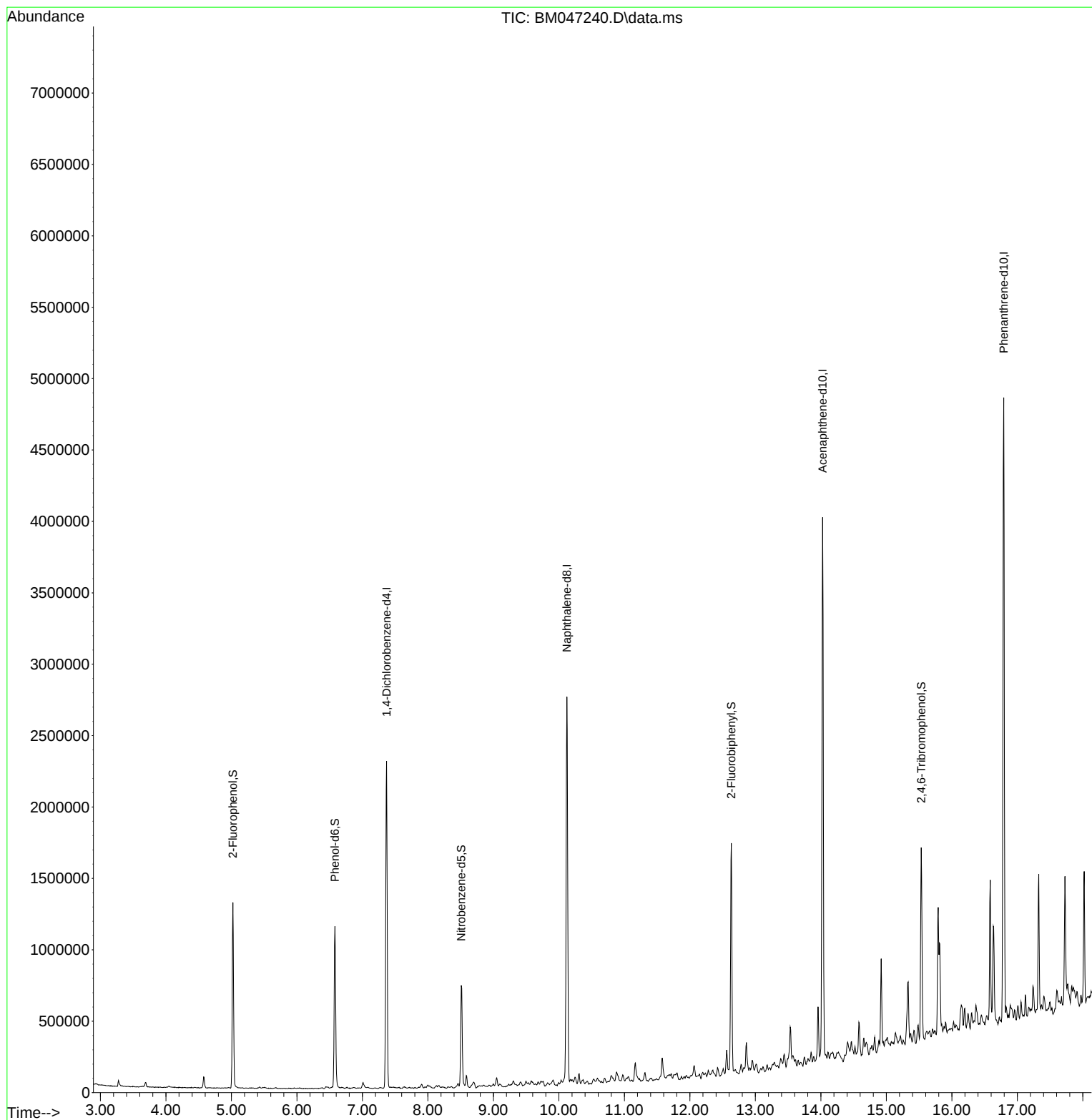
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	633248	20.000	ng	0.00
21) Naphthalene-d8	10.122	136	2159158	20.000	ng	-0.01
39) Acenaphthene-d10	14.027	164	1329028	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	2690881	20.000	ng	0.00
76) Chrysene-d12	21.027	240	2299472	20.000	ng	0.00
86) Perylene-d12	23.738	264	2703908	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	536214	15.130	ng	0.00
7) Phenol-d6	6.581	99	658141	13.477	ng	0.00
23) Nitrobenzene-d5	8.510	82	424928	9.910	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	232888	15.112	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	861667	10.001	ng	-0.01
79) Terphenyl-d14	19.456	244	1145989	10.679	ng	0.00
Target Compounds						
9) Benzaldehyde	6.540	77	400	Below Cal	Qvalue #	35

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

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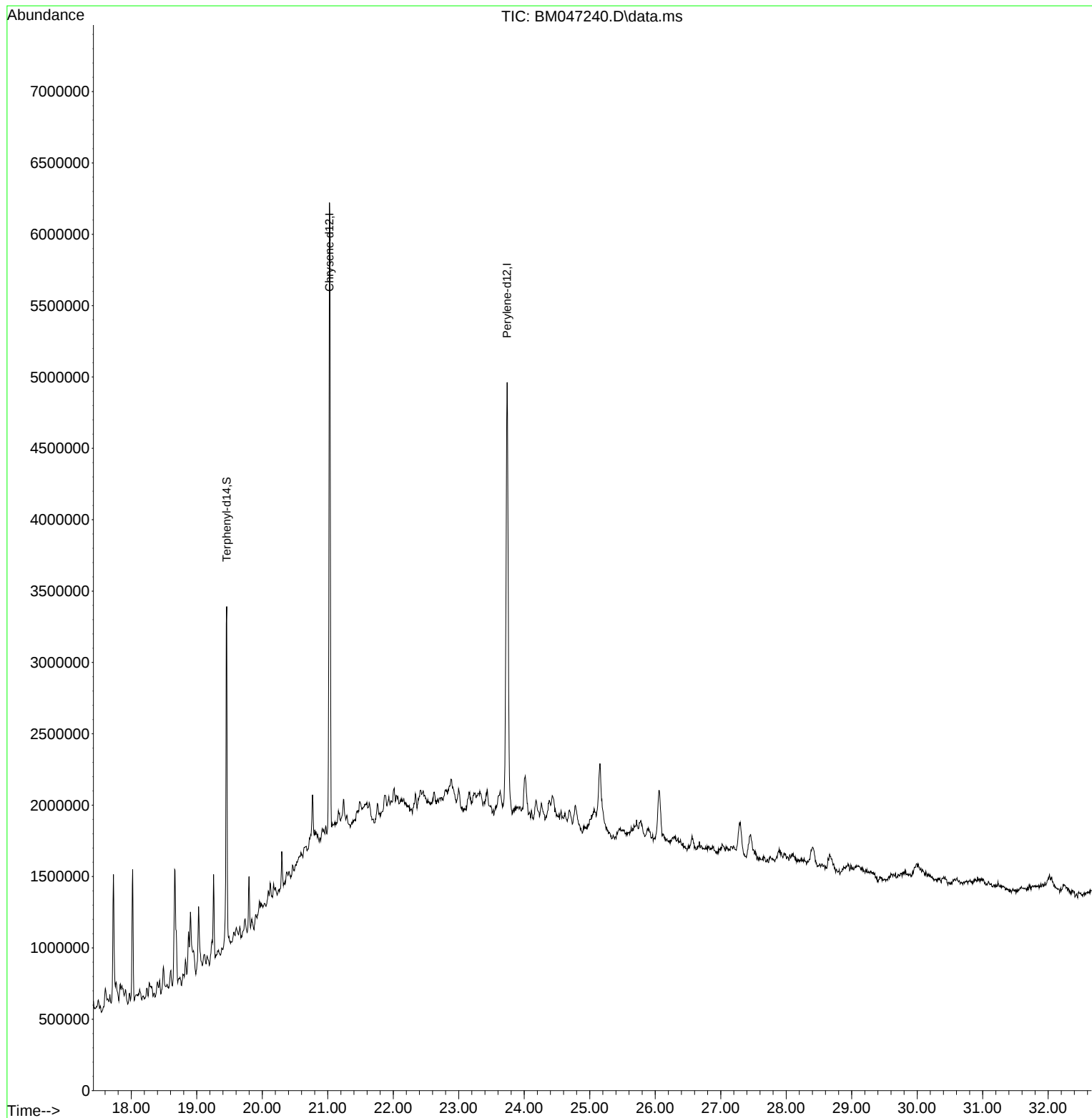
Quant Time: Aug 16 23:20:25 2024
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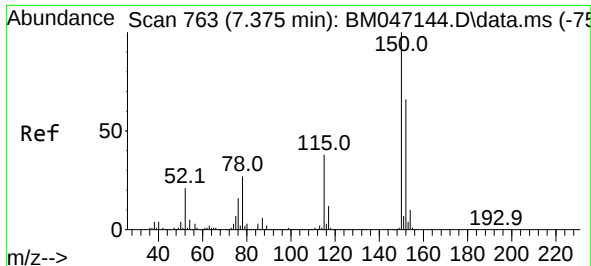


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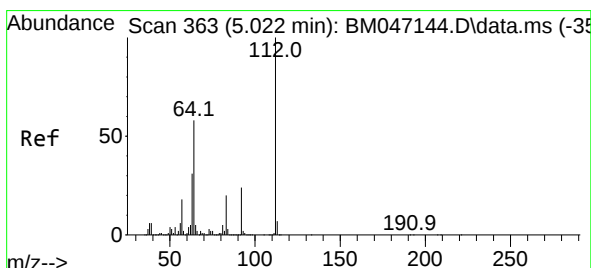
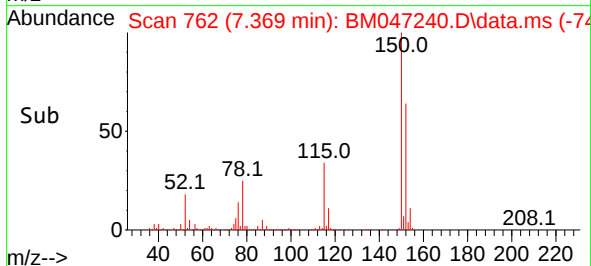
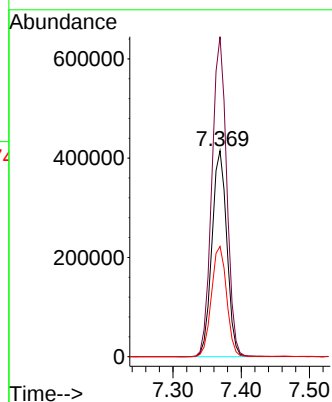
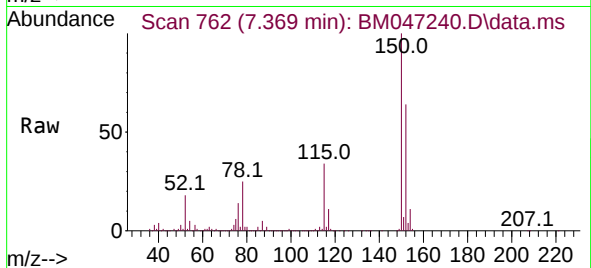




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 763
Delta R.T. -0.006 min
Lab File: BM047240.D
Acq: 16 Aug 2024 18:32

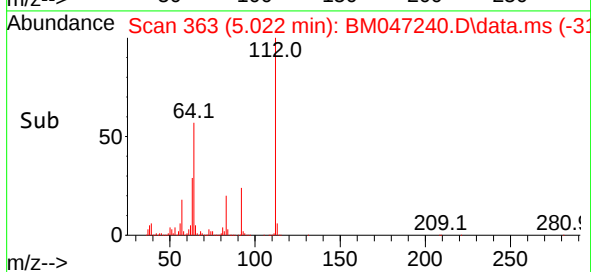
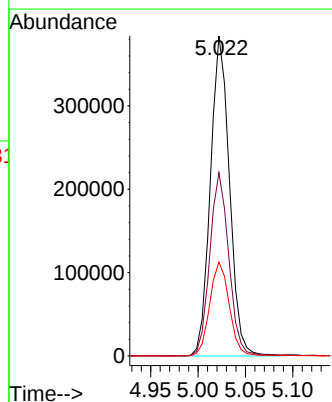
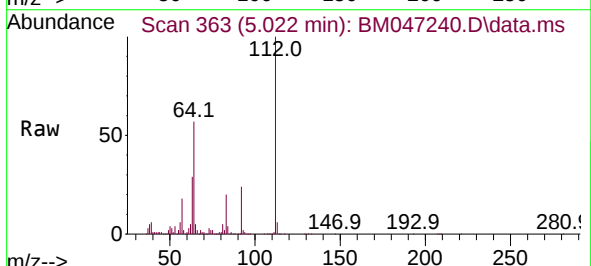
Instrument :
BNA_M
ClientSampleId :
HR-04-081424

Tgt Ion:152 Resp: 633248
Ion Ratio Lower Upper
152 100
150 155.4 120.5 180.7
115 53.5 45.5 68.3



#5
2-Fluorophenol
Concen: 15.130 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047240.D
Acq: 16 Aug 2024 18:32

Tgt Ion:112 Resp: 536214
Ion Ratio Lower Upper
112 100
64 57.3 46.7 70.1
63 29.4 24.8 37.2

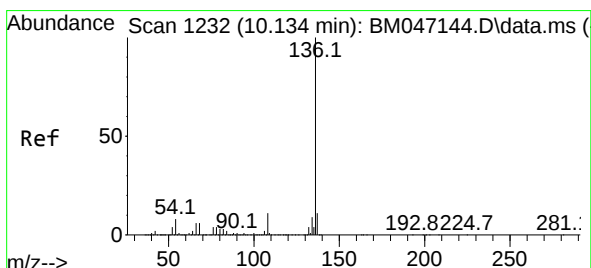
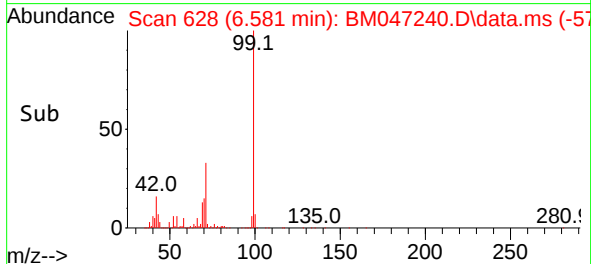
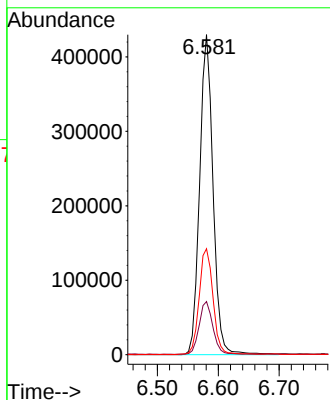
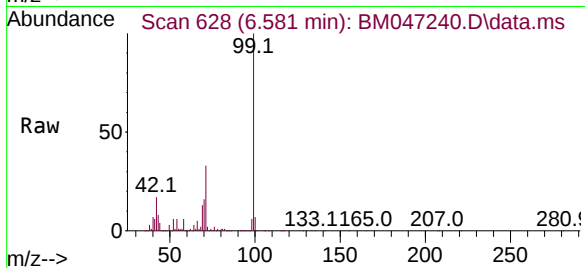




#7
Phenol-d6
Concen: 13.477 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047240.D
Acq: 16 Aug 2024 18:32

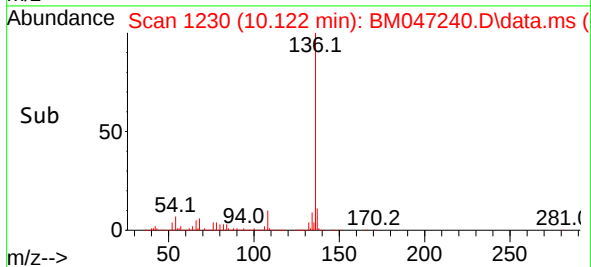
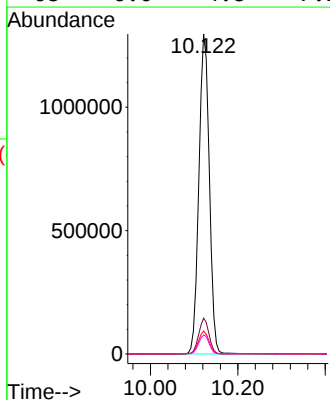
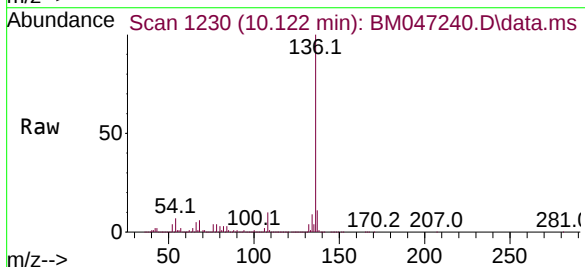
Instrument :
BNA_M
ClientSampleId :
HR-04-081424

Tgt Ion: 99 Resp: 658141
Ion Ratio Lower Upper
99 100
42 16.6 14.1 21.1
71 33.1 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: BM047240.D
Acq: 16 Aug 2024 18:32

Tgt Ion: 136 Resp: 2159158
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.2 6.0 9.0
68 6.0 4.8 7.2

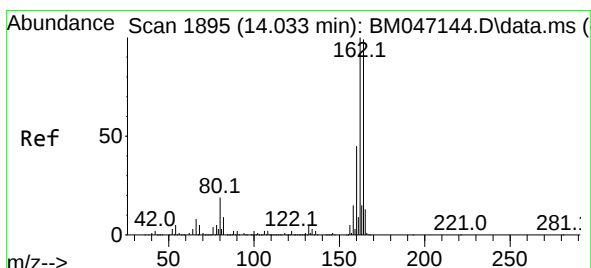
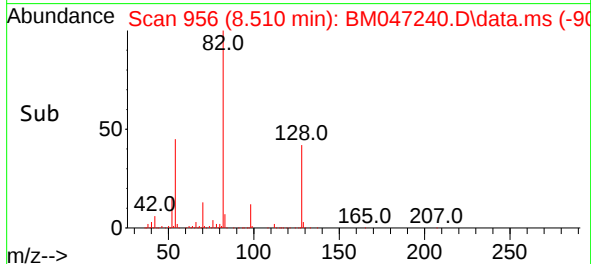
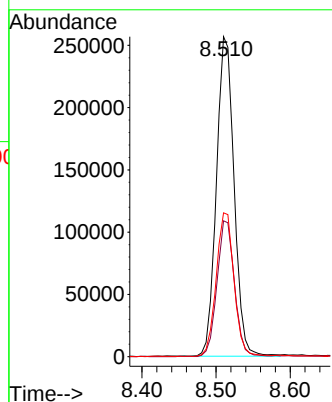
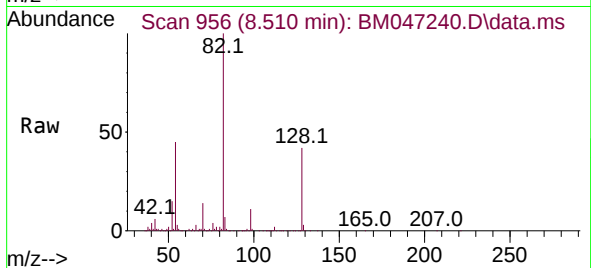




#23
Nitrobenzene-d5
Concen: 9.910 ng
RT: 8.510 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM047240.D
Acq: 16 Aug 2024 18:32

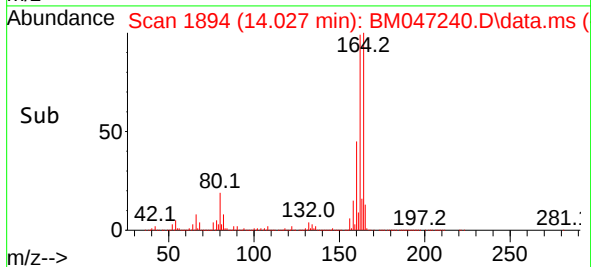
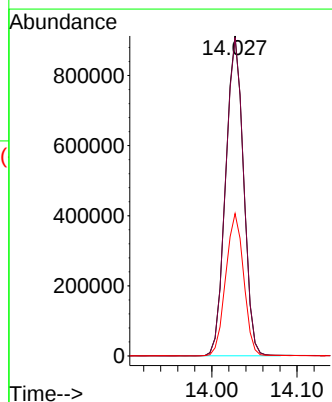
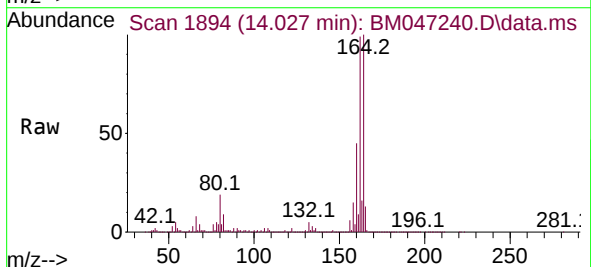
Instrument :
BNA_M
ClientSampleId :
HR-04-081424

Tgt Ion: 82 Resp: 424928
Ion Ratio Lower Upper
82 100
128 42.4 32.3 48.5
54 44.9 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: BM047240.D
Acq: 16 Aug 2024 18:32

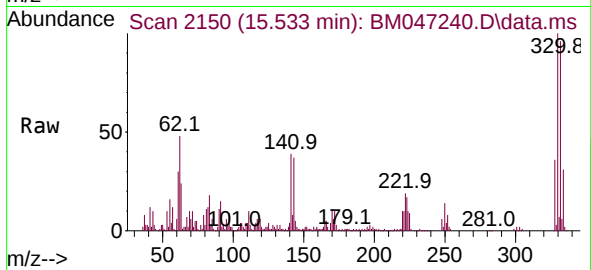
Tgt Ion: 164 Resp: 1329028
Ion Ratio Lower Upper
164 100
162 99.5 80.7 121.1
160 44.5 36.0 54.0



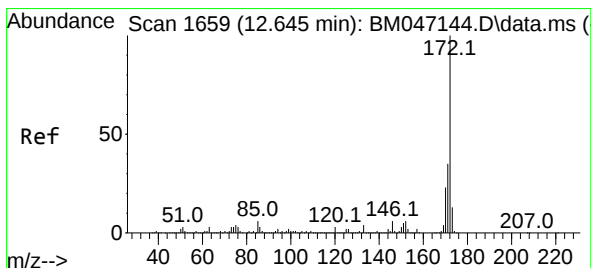
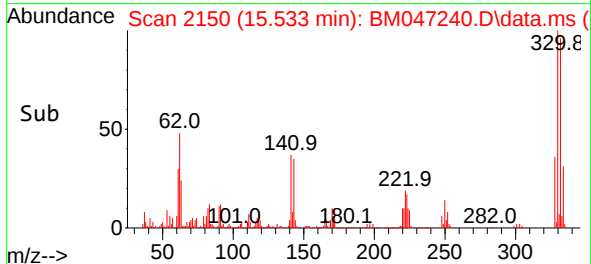
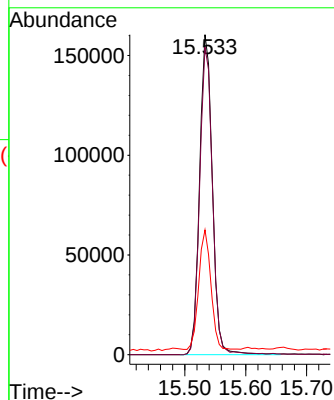


#42
2,4,6-Tribromophenol
Concen: 15.112 ng
RT: 15.533 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM047240.D
Acq: 16 Aug 2024 18:32

Instrument :
BNA_M
ClientSampleId :
HR-04-081424

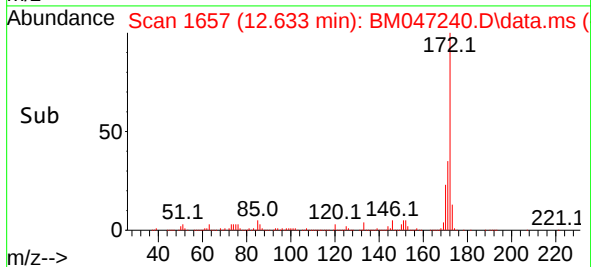
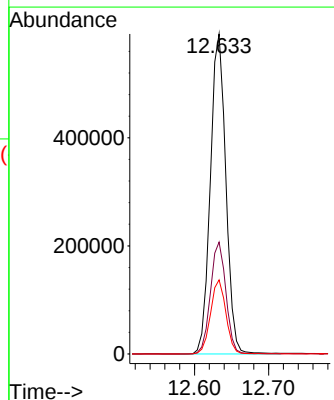
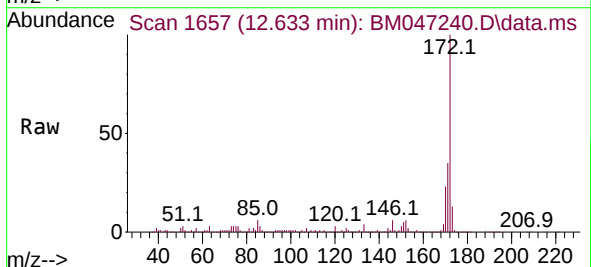


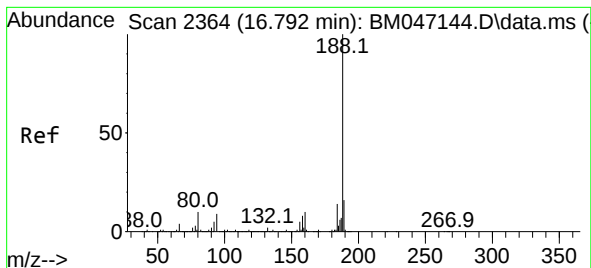
Tgt Ion:330 Resp: 232888
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.2
141 35.4 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 10.001 ng
RT: 12.633 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BM047240.D
Acq: 16 Aug 2024 18:32

Tgt Ion:172 Resp: 861667
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.792 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047240.D

Acq: 16 Aug 2024 18:32

Instrument :

BNA_M

ClientSampleId :

HR-04-081424

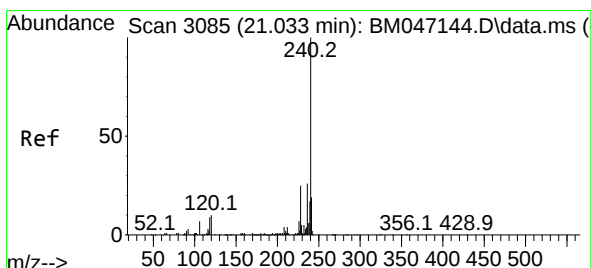
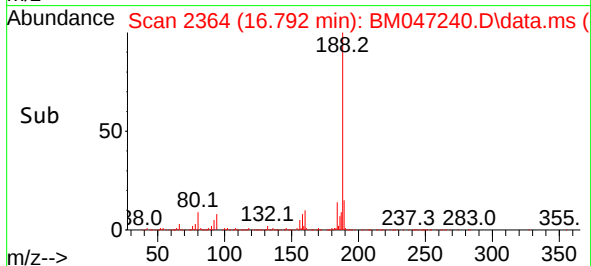
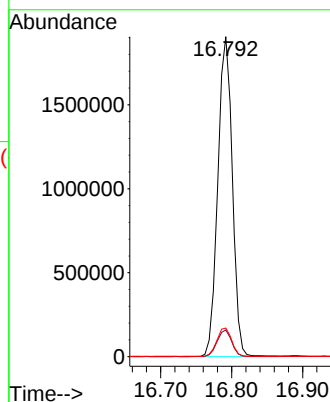
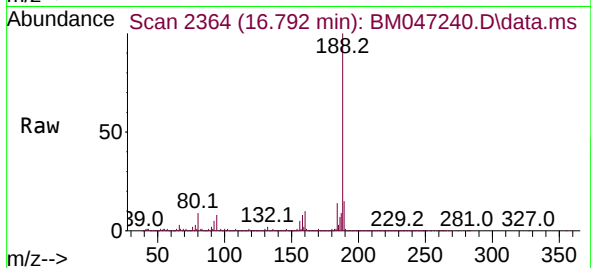
Tgt Ion:188 Resp: 2690881

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.6

80 9.0 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: BM047240.D

Acq: 16 Aug 2024 18:32

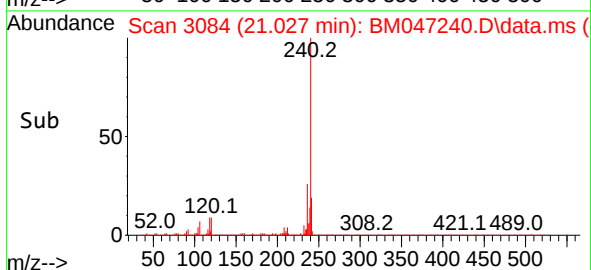
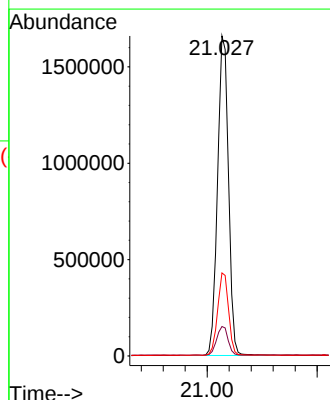
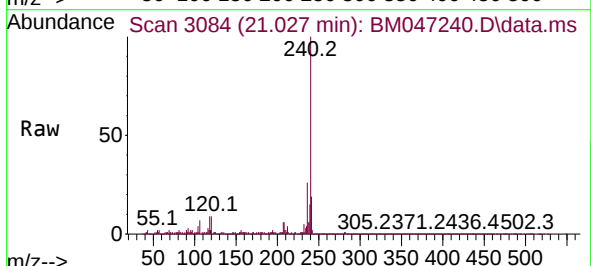
Tgt Ion:240 Resp: 2299472

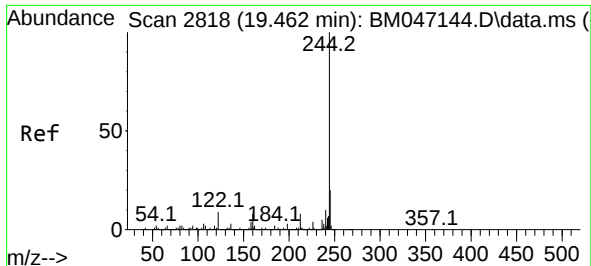
Ion Ratio Lower Upper

240 100

120 9.2 8.2 12.2

236 25.9 20.6 30.8

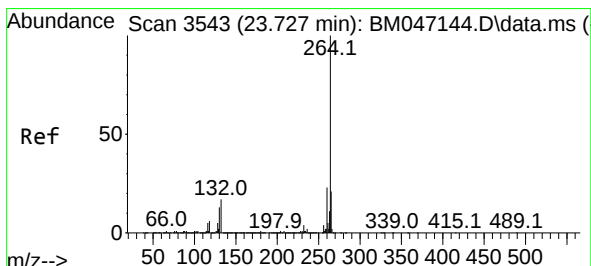
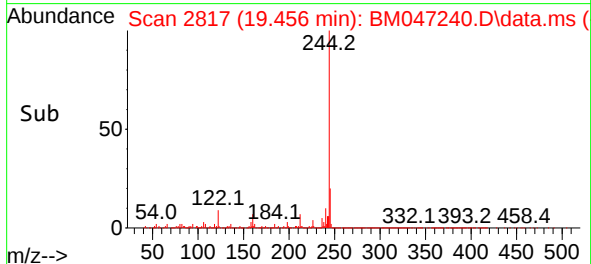
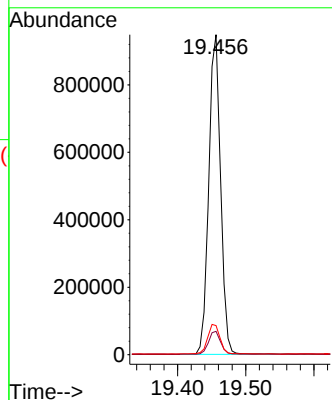
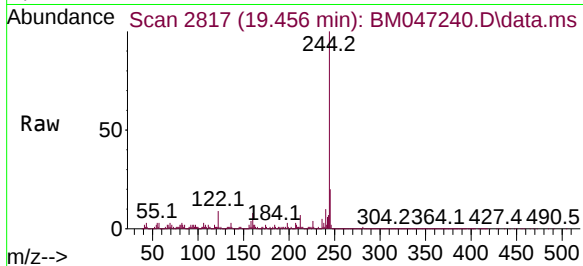




#79
 Terphenyl-d14
 Concen: 10.679 ng
 RT: 19.456 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047240.D
 Acq: 16 Aug 2024 18:32

Instrument :
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Tgt Ion:244 Resp: 1145989
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 9.1 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.738 min Scan# 3545
 Delta R.T. 0.011 min
 Lab File: BM047240.D
 Acq: 16 Aug 2024 18:32

Tgt Ion:264 Resp: 2703908
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.5 27.7
 265 22.4 17.3 25.9

