

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081624\
 Data File : BM047237.D
 Acq On : 16 Aug 2024 16:31
 Operator : RC/JU
 Sample : P3615-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HR-01-081424

Quant Time: Aug 16 17:07:22 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	299154	20.000	ng	-0.01
21) Naphthalene-d8	10.116	136	1041410	20.000	ng	-0.02
39) Acenaphthene-d10	14.022	164	611011	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1192856	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1193092	20.000	ng	-0.01
86) Perylene-d12	23.721	264	1435457	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	592787	35.407	ng	0.00
7) Phenol-d6	6.575	99	737268	31.959	ng	-0.01
23) Nitrobenzene-d5	8.510	82	473014	22.871	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	234902	33.156	ng	0.00
45) 2-Fluorobiphenyl	12.628	172	971705	24.531	ng	-0.02
79) Terphenyl-d14	19.451	244	1317780	23.667	ng	-0.01

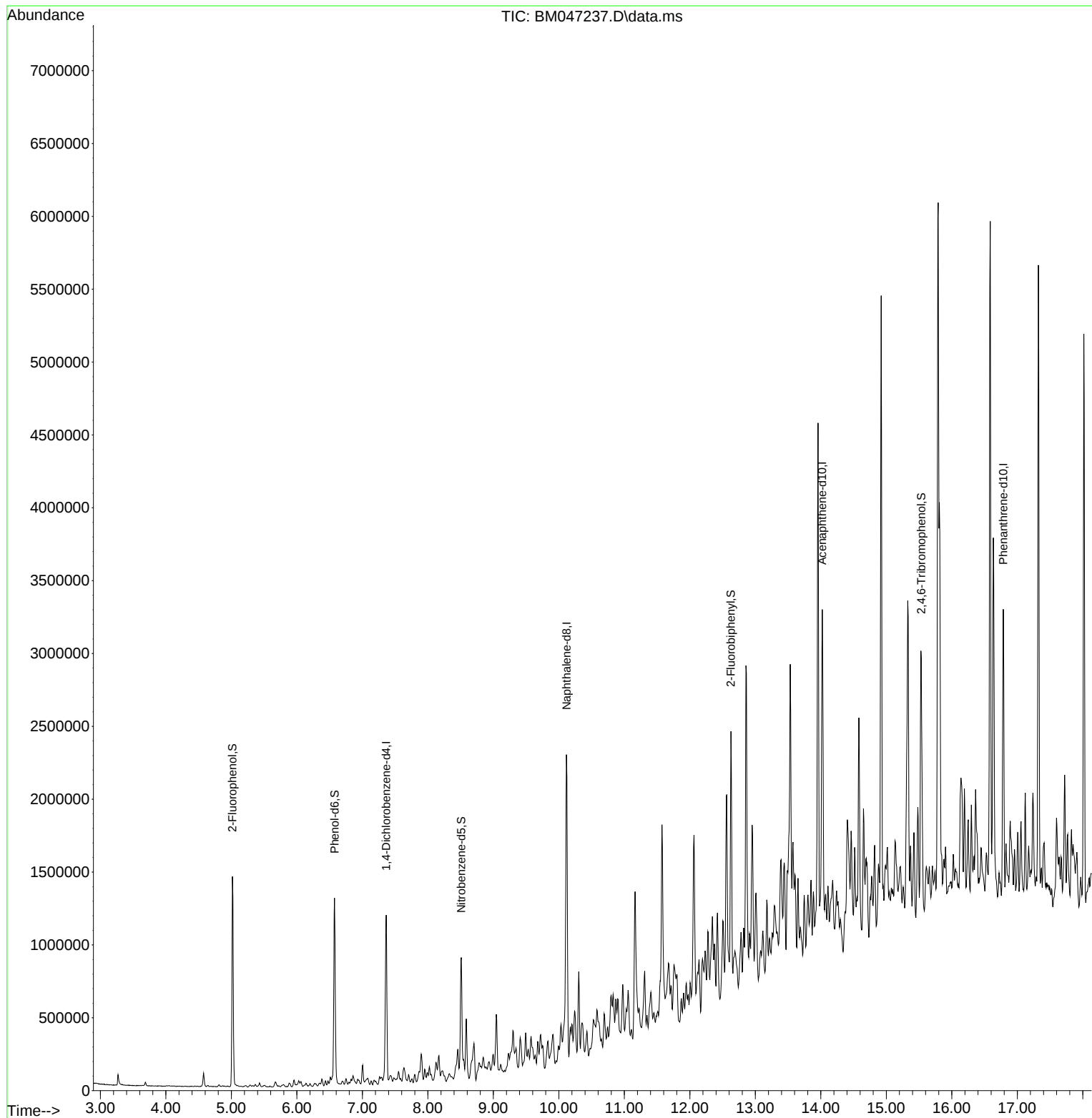
Target Compounds	Qvalue

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

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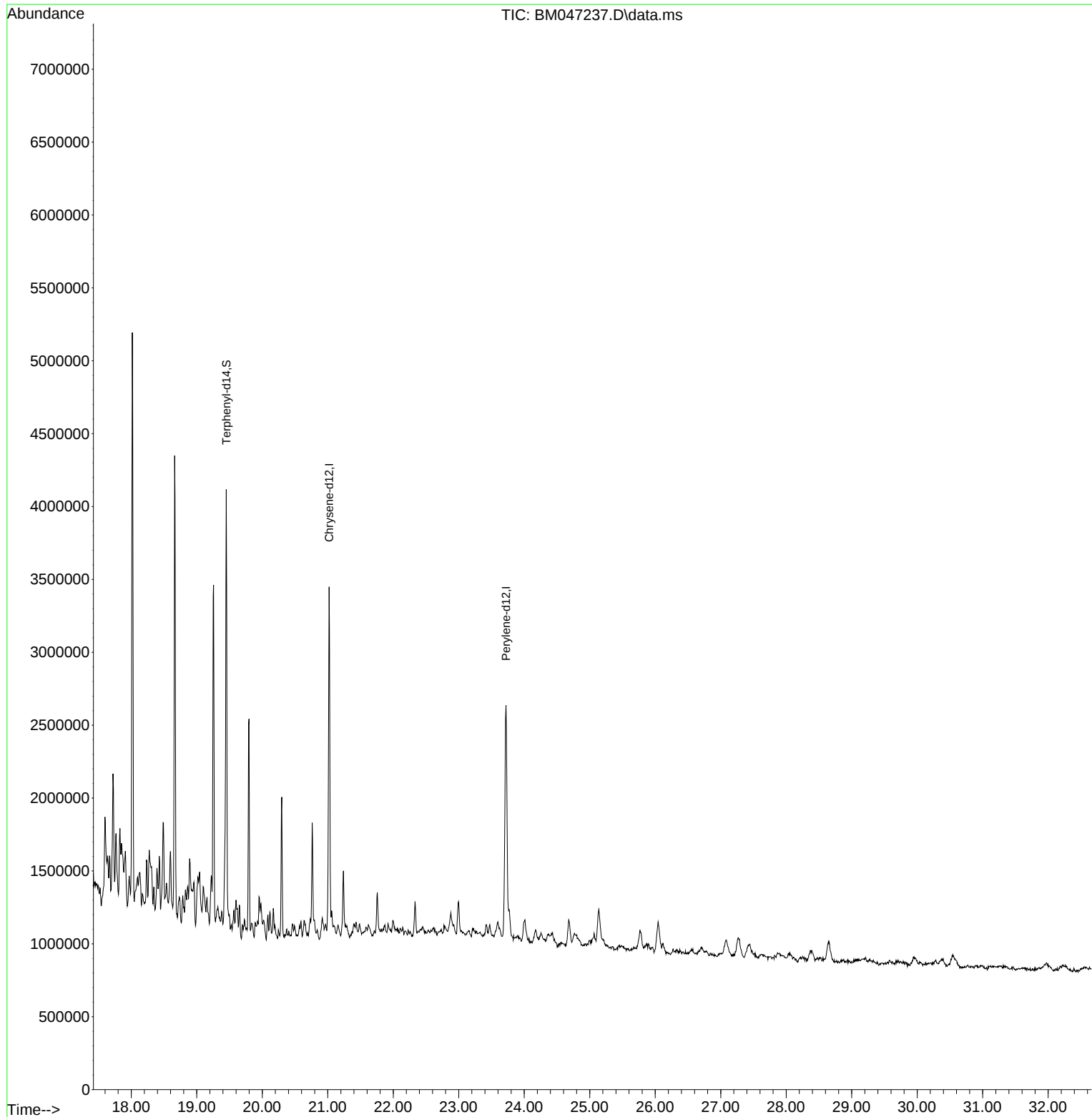
Quant Time: Aug 16 17:07:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
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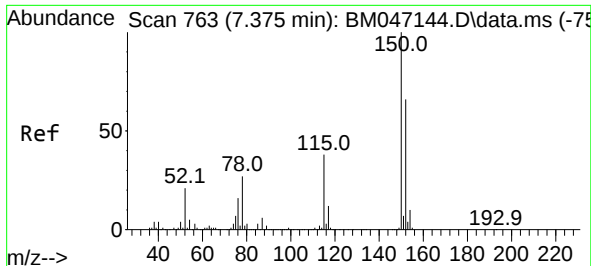


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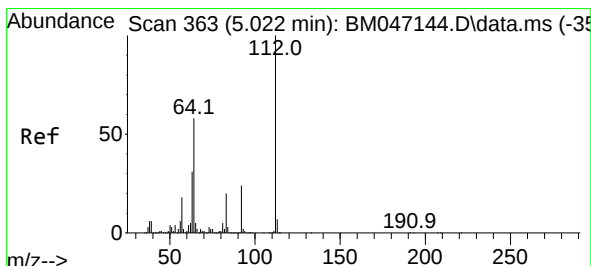
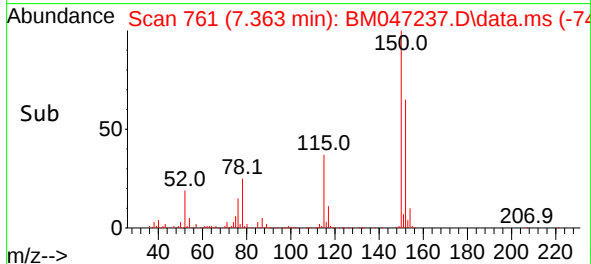
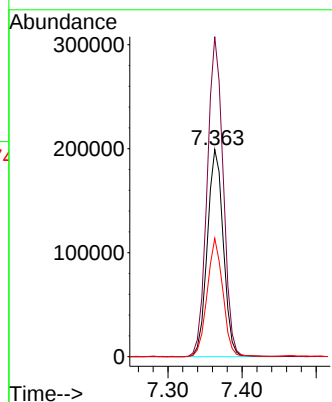
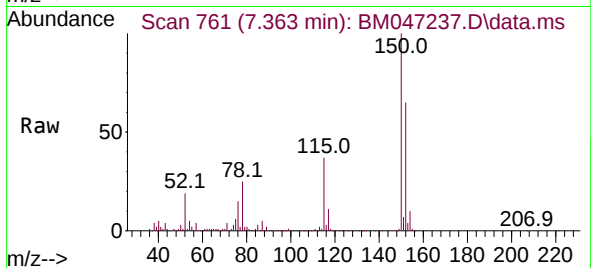




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 70
Delta R.T. -0.012 min
Lab File: BM047237.D
Acq: 16 Aug 2024 16:31

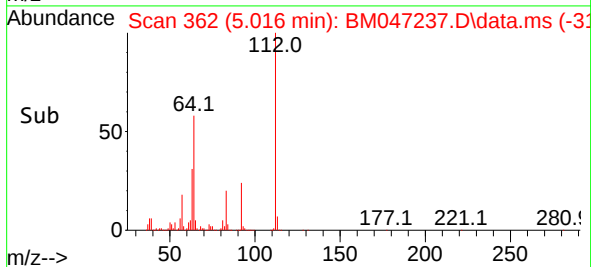
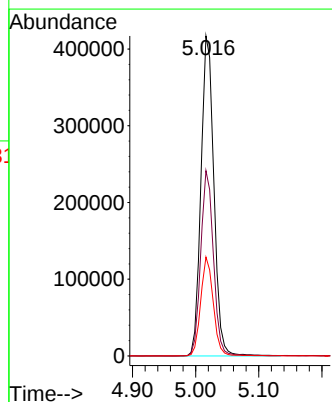
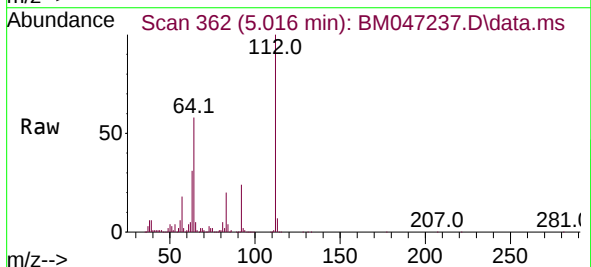
Instrument :
BNA_M
ClientSampleId :
HR-01-081424

Tgt Ion:152 Resp: 299154
Ion Ratio Lower Upper
152 100
150 154.4 120.5 180.7
115 57.1 45.5 68.3



#5
2-Fluorophenol
Concen: 35.407 ng
RT: 5.016 min Scan# 362
Delta R.T. -0.006 min
Lab File: BM047237.D
Acq: 16 Aug 2024 16:31

Tgt Ion:112 Resp: 592787
Ion Ratio Lower Upper
112 100
64 57.9 46.7 70.1
63 30.9 24.8 37.2

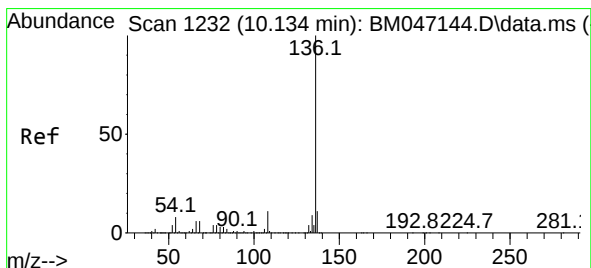
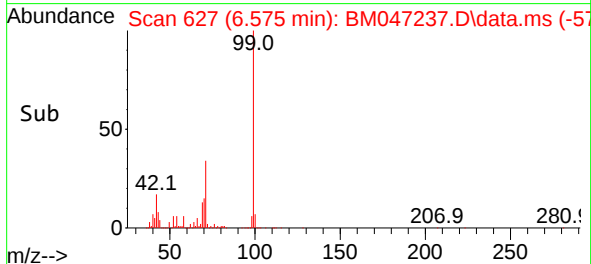
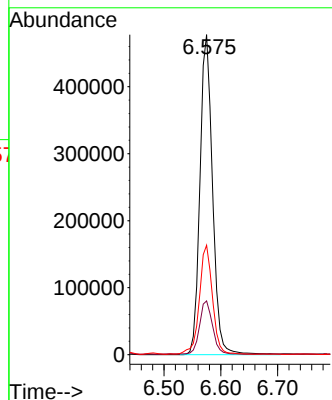
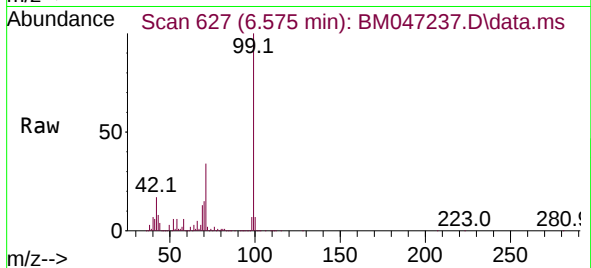




#7
Phenol-d6
Concen: 31.959 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047237.D
Acq: 16 Aug 2024 16:31

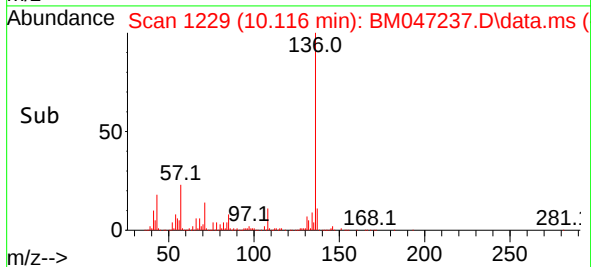
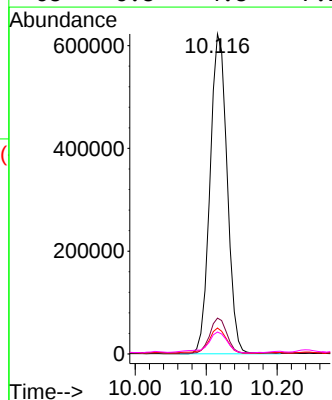
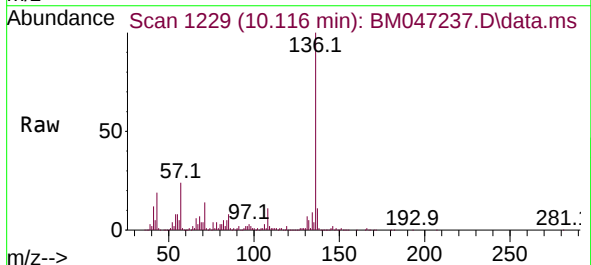
Instrument :
BNA_M
ClientSampleId :
HR-01-081424

Tgt Ion: 99 Resp: 737268
Ion Ratio Lower Upper
99 100
42 16.8 14.1 21.1
71 34.2 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.116 min Scan# 1229
Delta R.T. -0.018 min
Lab File: BM047237.D
Acq: 16 Aug 2024 16:31

Tgt Ion: 136 Resp: 1041410
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.1 6.0 9.0
68 6.8 4.8 7.2

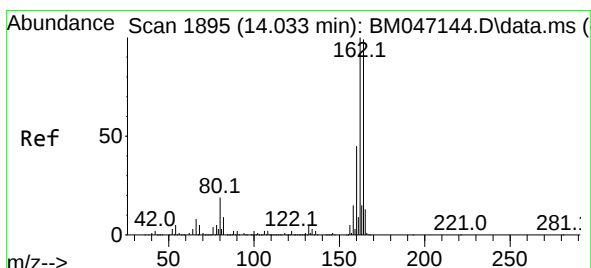
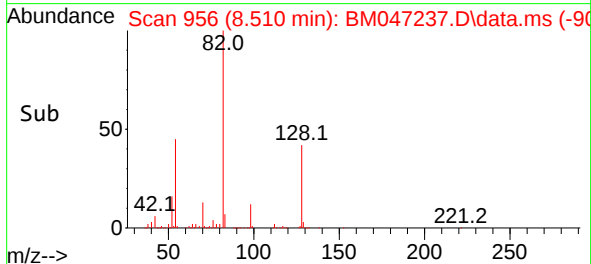
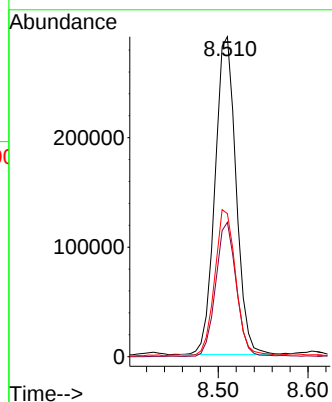
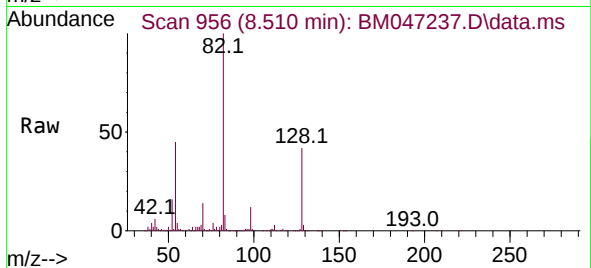




#23
Nitrobenzene-d5
Concen: 22.871 ng
RT: 8.510 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM047237.D
Acq: 16 Aug 2024 16:31

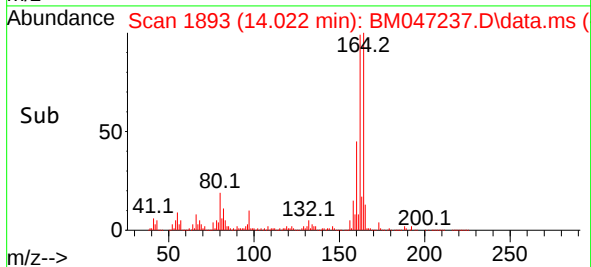
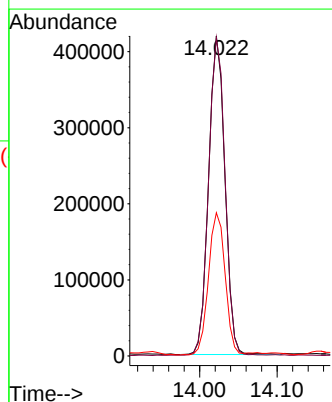
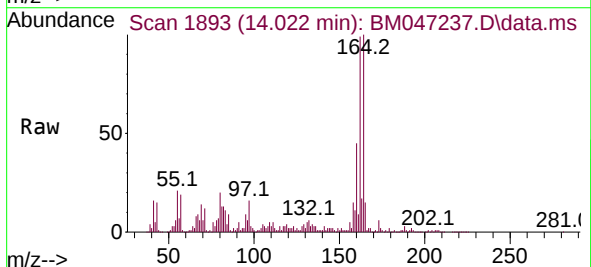
Instrument :
BNA_M
ClientSampleId :
HR-01-081424

Tgt Ion: 82 Resp: 473014
Ion Ratio Lower Upper
82 100
128 42.0 32.3 48.5
54 44.7 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.022 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BM047237.D
Acq: 16 Aug 2024 16:31

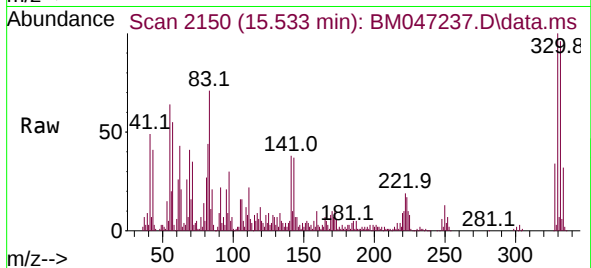
Tgt Ion: 164 Resp: 611011
Ion Ratio Lower Upper
164 100
162 99.4 80.7 121.1
160 44.7 36.0 54.0



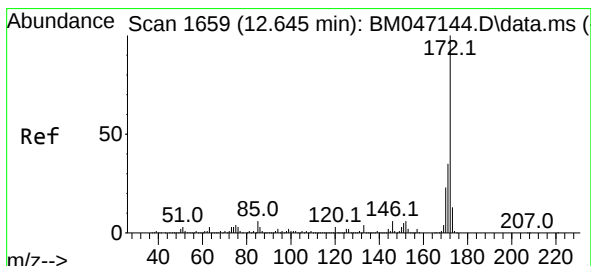
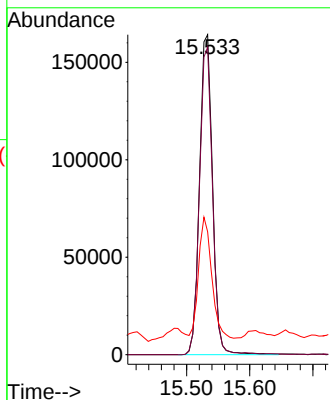
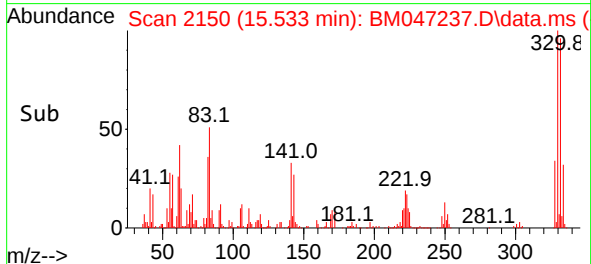


#42
2,4,6-Tribromophenol
Concen: 33.156 ng
RT: 15.533 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BM047237.D
Acq: 16 Aug 2024 16:31

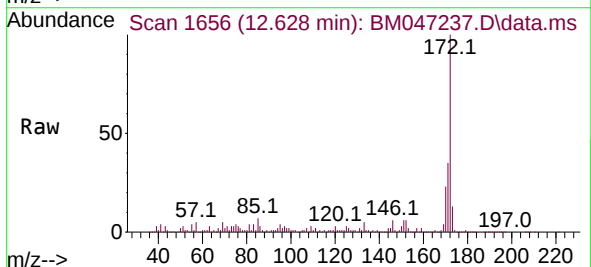
Instrument :
BNA_M
ClientSampleId :
HR-01-081424



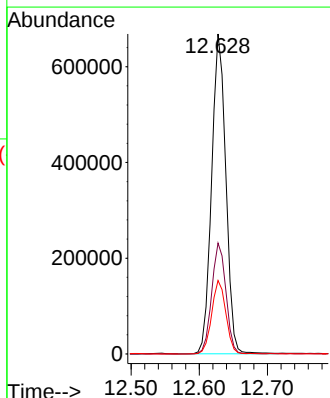
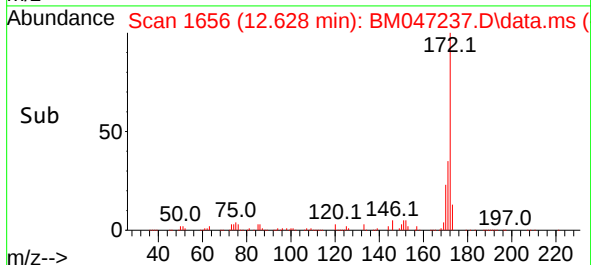
Tgt Ion:330 Resp: 234902
Ion Ratio Lower Upper
330 100
332 95.5 77.4 116.2
141 38.0 31.6 47.4

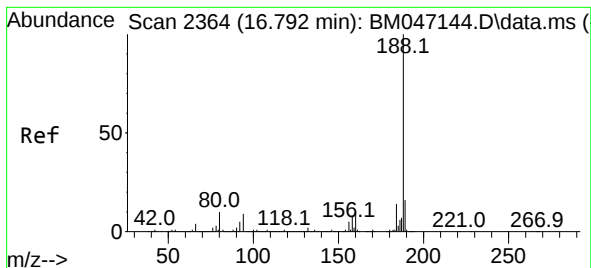


#45
2-Fluorobiphenyl
Concen: 24.531 ng
RT: 12.628 min Scan# 1656
Delta R.T. -0.018 min
Lab File: BM047237.D
Acq: 16 Aug 2024 16:31



Tgt Ion:172 Resp: 971705
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.0 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: BM047237.D

Acq: 16 Aug 2024 16:31

Instrument :

BNA_M

ClientSampleId :

HR-01-081424

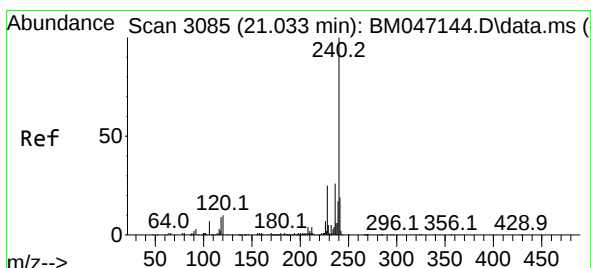
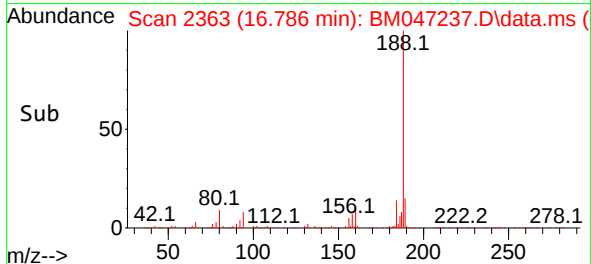
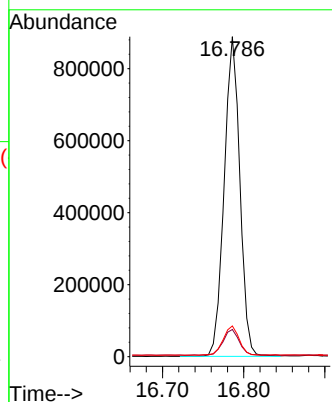
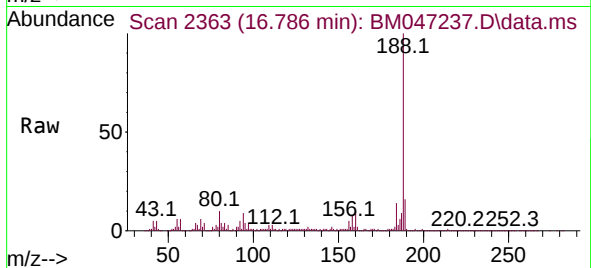
Tgt Ion:188 Resp: 1192856

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

80 9.6 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: BM047237.D

Acq: 16 Aug 2024 16:31

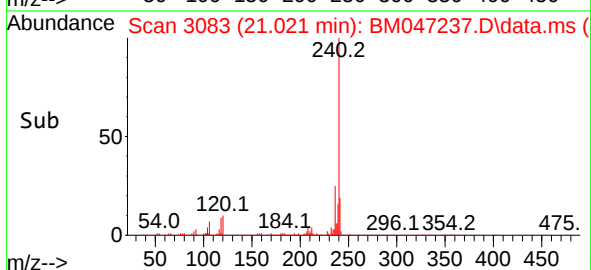
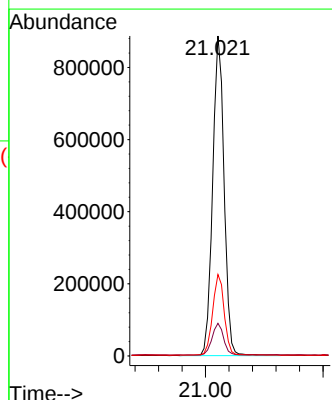
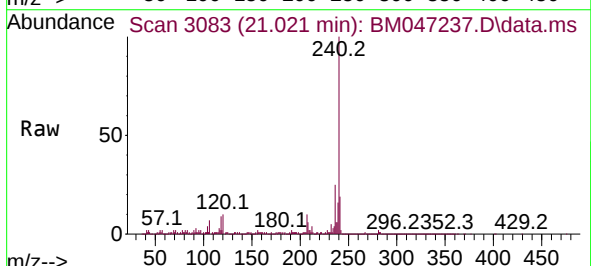
Tgt Ion:240 Resp: 1193092

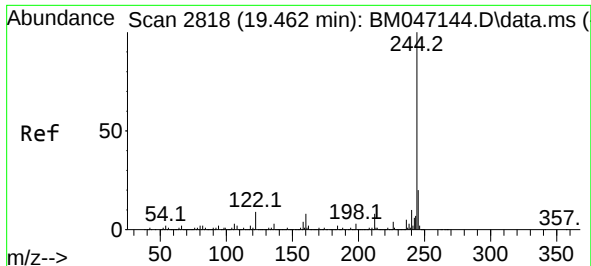
Ion Ratio Lower Upper

240 100

120 10.2 8.2 12.2

236 25.5 20.6 30.8

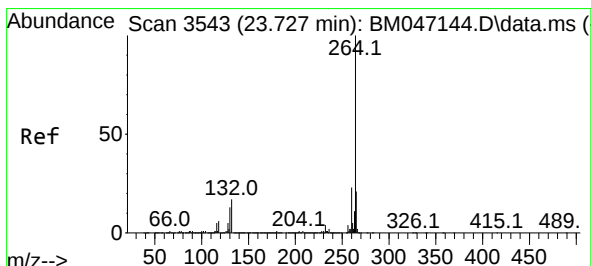
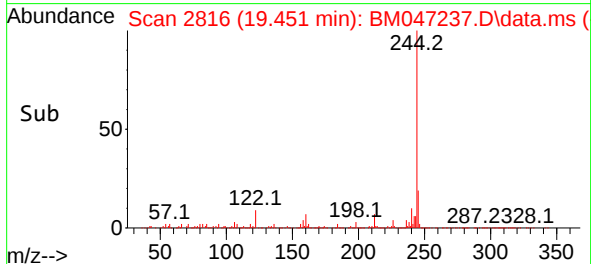
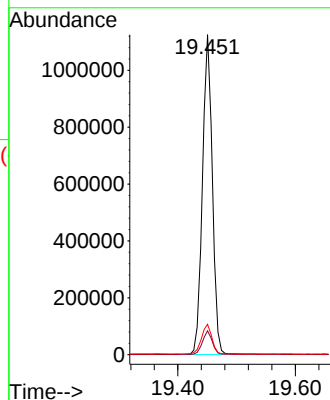
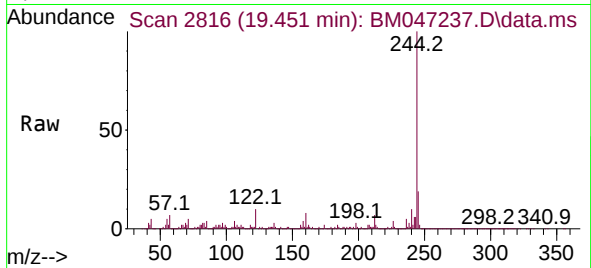




#79
 Terphenyl-d14
 Concen: 23.667 ng
 RT: 19.451 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047237.D
 Acq: 16 Aug 2024 16:31

Instrument :
 BNA_M
 ClientSampleId :
 HR-01-081424

Tgt Ion:244 Resp: 1317780
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 9.5 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: BM047237.D
 Acq: 16 Aug 2024 16:31

Tgt Ion:264 Resp: 1435457
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 22.3 17.3 25.9

