

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
 Data File : BM047274.D
 Acq On : 20 Aug 2024 17:36
 Operator : RC/JU
 Sample : PB162806TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162806TB

Quant Time: Aug 20 18:11:25 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	7.357	152	322105	20.000	ng	-0.02
21) Naphthalene-d8	10.116	136	1139766	20.000	ng	-0.02
39) Acenaphthene-d10	14.021	164	713083	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1368984	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1089096	20.000	ng	-0.01
86) Perylene-d12	23.721	264	1196810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	2067072	114.668	ng	0.00
7) Phenol-d6	6.575	99	2563349	103.199	ng	-0.01
23) Nitrobenzene-d5	8.510	82	1716272	75.822	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	985554	119.197	ng	0.00
45) 2-Fluorobiphenyl	12.627	172	3821435	82.665	ng	-0.02
79) Terphenyl-d14	19.450	244	4907009	96.544	ng	-0.01

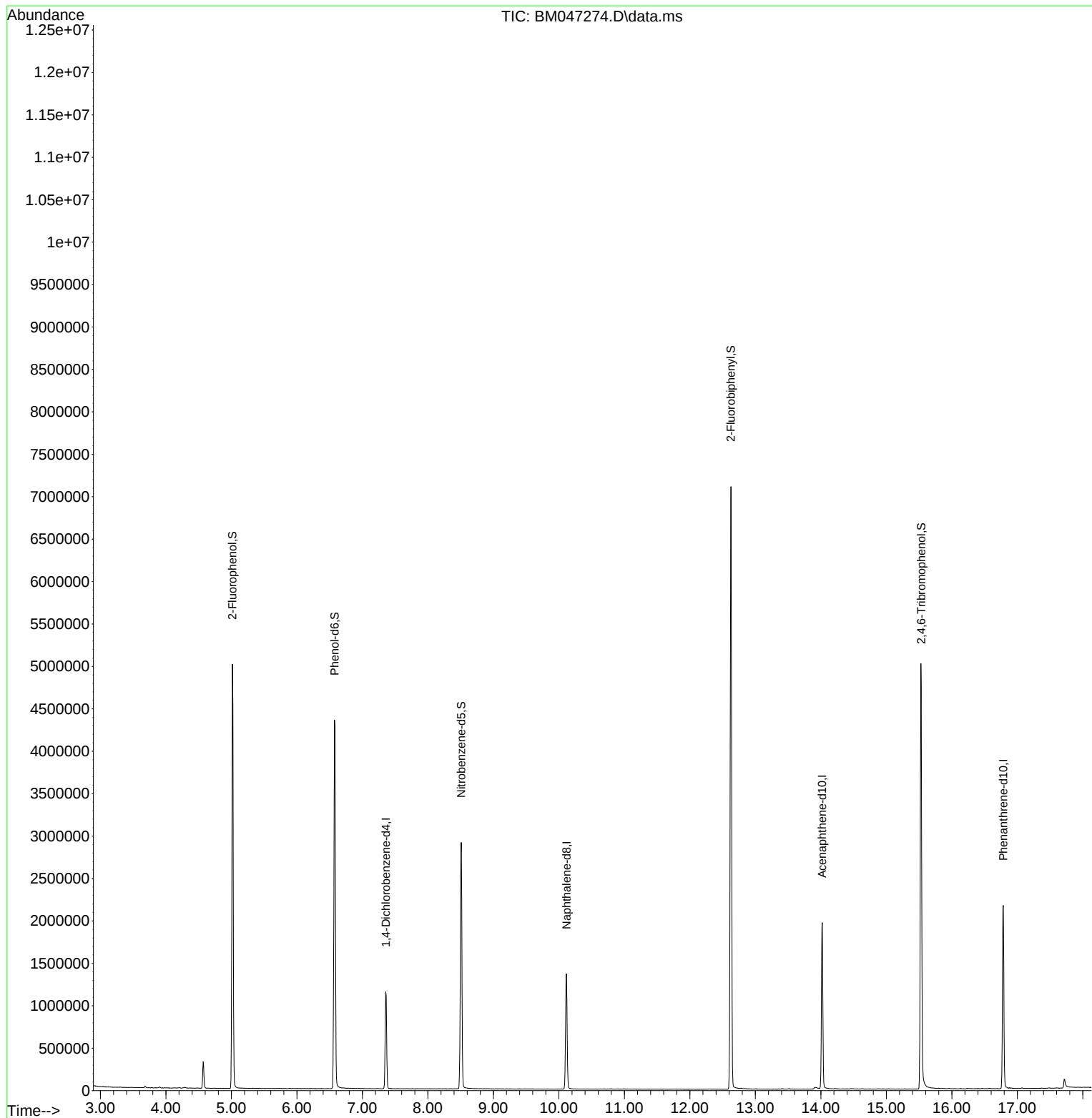
Target Compounds	Qvalue

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

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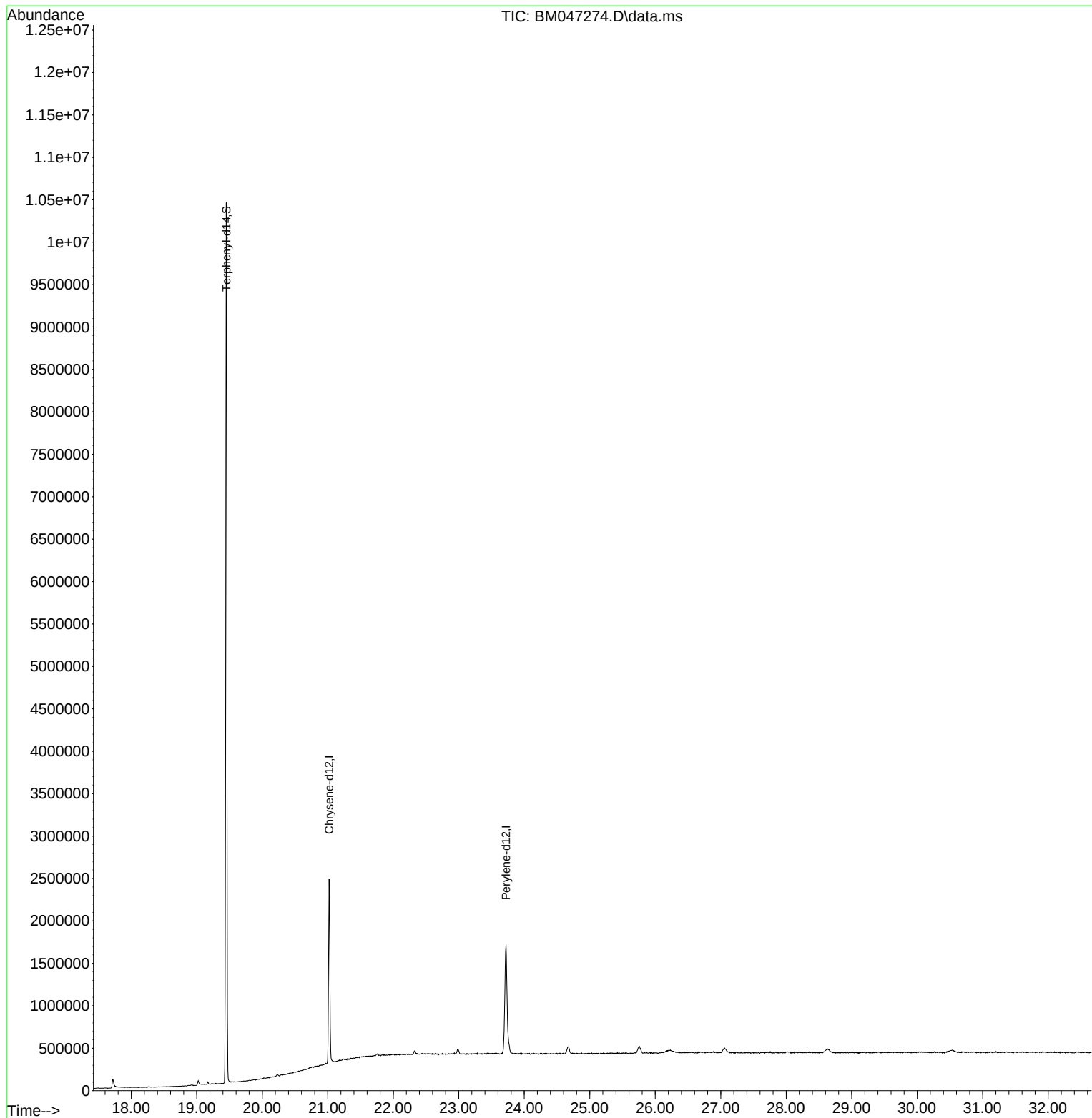
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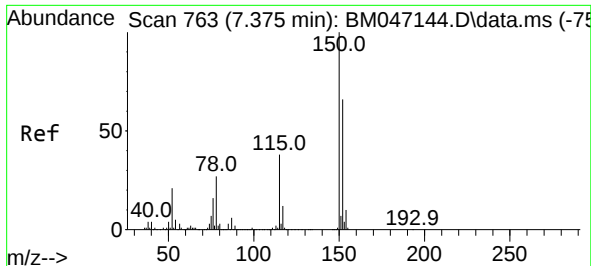


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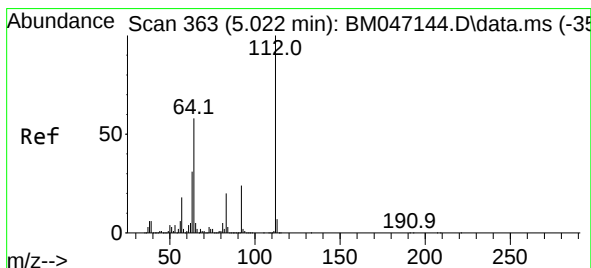
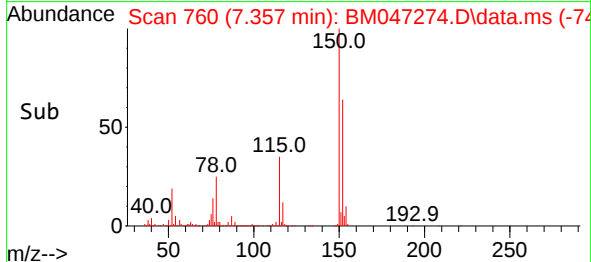
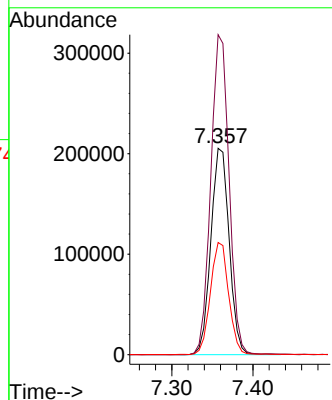
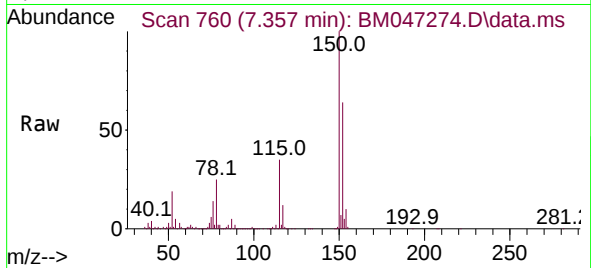




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.357 min Scan# 70
Delta R.T. -0.018 min
Lab File: BM047274.D
Acq: 20 Aug 2024 17:36

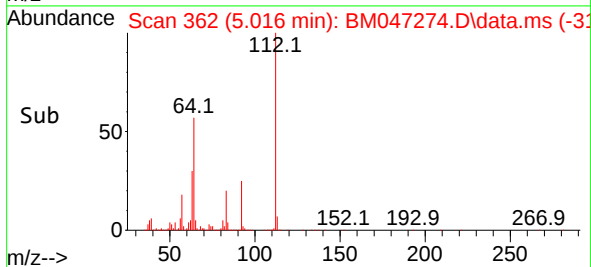
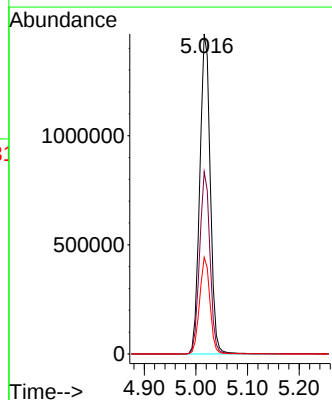
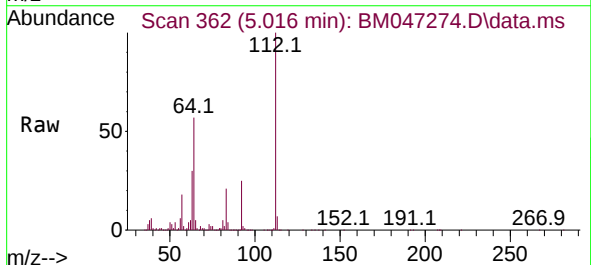
Instrument :
BNA_M
ClientSampleId :
PB162806TB

Tgt Ion:152 Resp: 322105
Ion Ratio Lower Upper
152 100
150 155.1 120.5 180.7
115 54.3 45.5 68.3



#5
2-Fluorophenol
Concen: 114.668 ng
RT: 5.016 min Scan# 362
Delta R.T. -0.006 min
Lab File: BM047274.D
Acq: 20 Aug 2024 17:36

Tgt Ion:112 Resp: 2067072
Ion Ratio Lower Upper
112 100
64 57.0 46.7 70.1
63 30.2 24.8 37.2



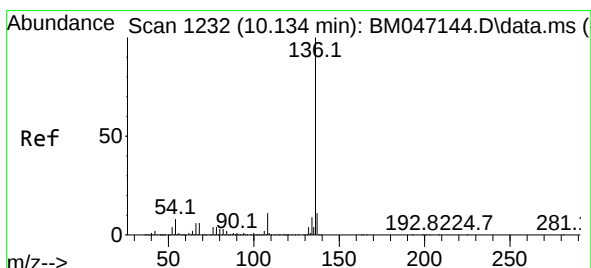
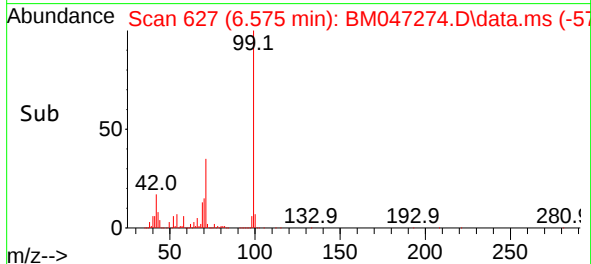
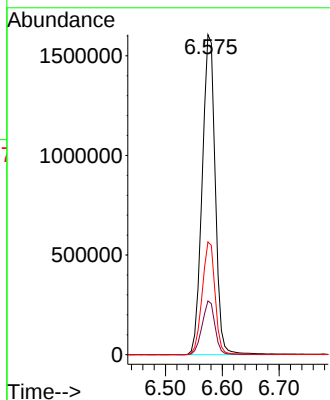
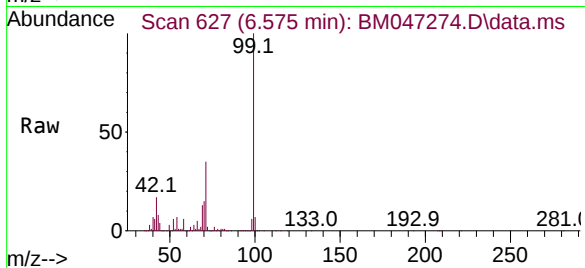


#7
Phenol-d6
Concen: 103.199 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047274.D
Acq: 20 Aug 2024 17:36

Instrument :
BNA_M
ClientSampleId :
PB162806TB

Tgt Ion: 99 Resp: 2563349

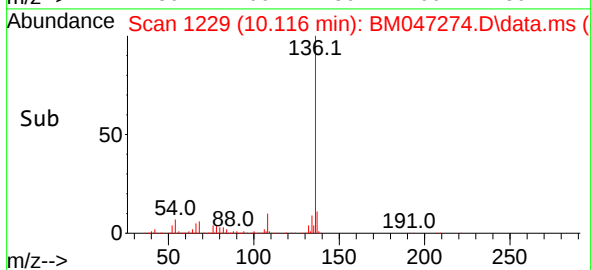
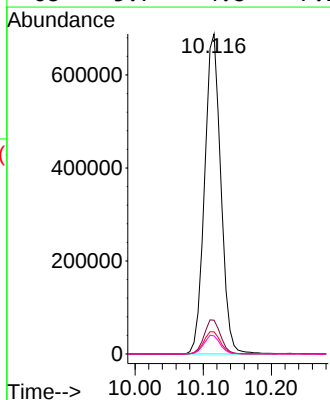
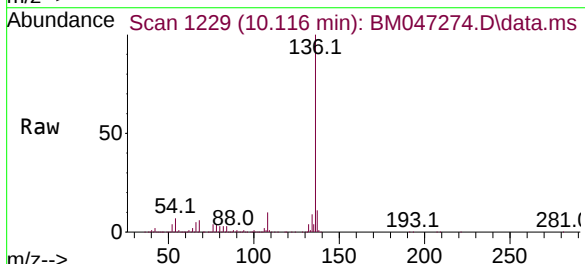
Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.1	21.1
71	35.3	28.5	42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.116 min Scan# 1229
Delta R.T. -0.018 min
Lab File: BM047274.D
Acq: 20 Aug 2024 17:36

Tgt Ion: 136 Resp: 1139766

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	6.9	6.0	9.0
68	5.7	4.8	7.2

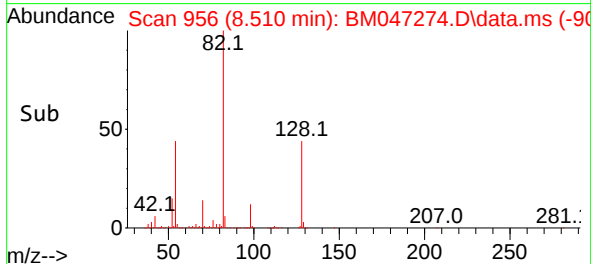
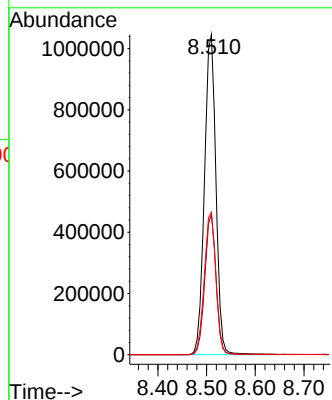
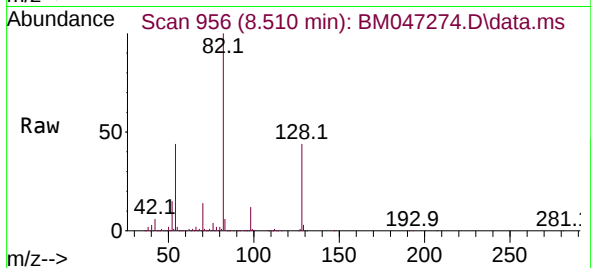




#23
Nitrobenzene-d5
Concen: 75.822 ng
RT: 8.510 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM047274.D
Acq: 20 Aug 2024 17:36

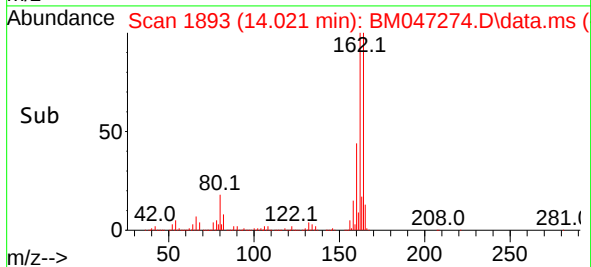
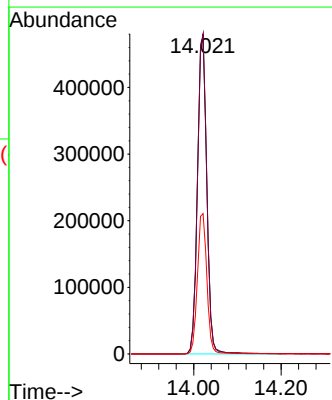
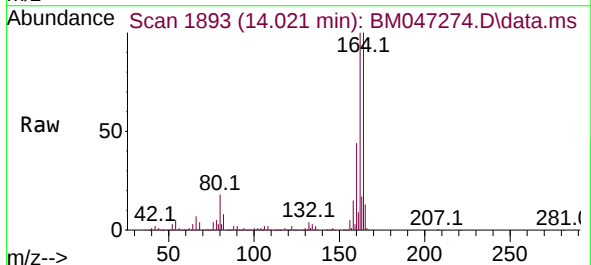
Instrument :
BNA_M
ClientSampleId :
PB162806TB

Tgt Ion: 82 Resp: 1716272
Ion Ratio Lower Upper
82 100
128 43.9 32.3 48.5
54 44.5 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.021 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BM047274.D
Acq: 20 Aug 2024 17:36

Tgt Ion:164 Resp: 713083
Ion Ratio Lower Upper
164 100
162 100.2 80.7 121.1
160 43.9 36.0 54.0

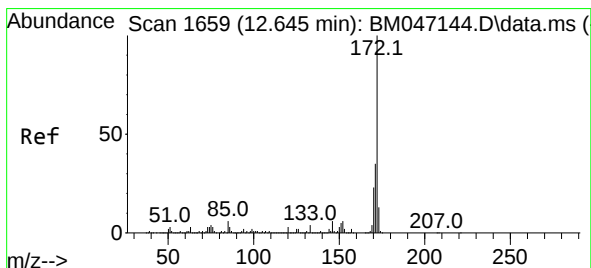
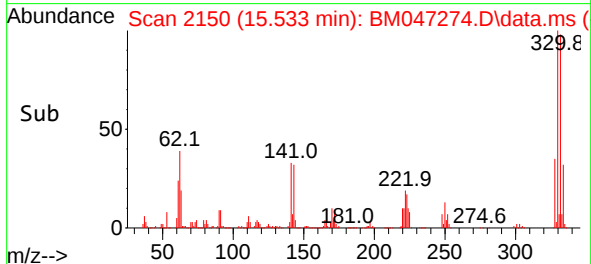
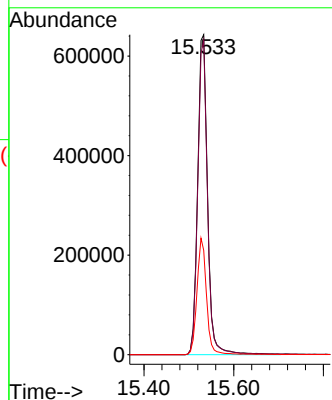
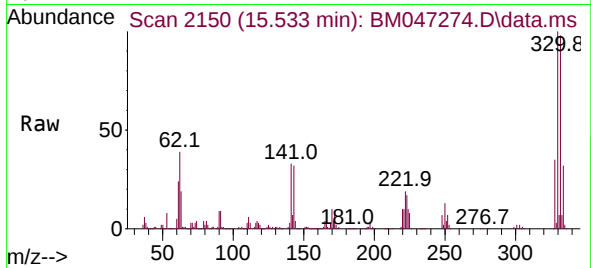




#42
2,4,6-Tribromophenol
Concen: 119.197 ng
RT: 15.533 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM047274.D
Acq: 20 Aug 2024 17:36

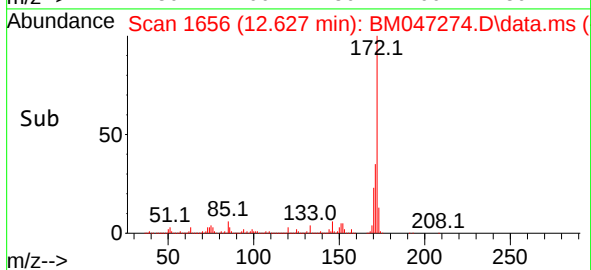
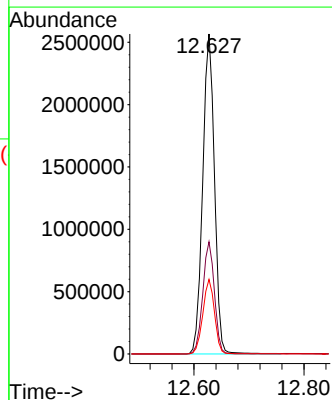
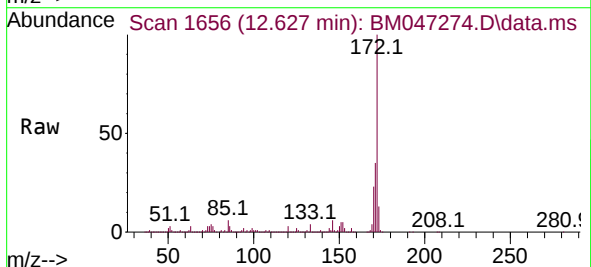
Instrument :
BNA_M
ClientSampleId :
PB162806TB

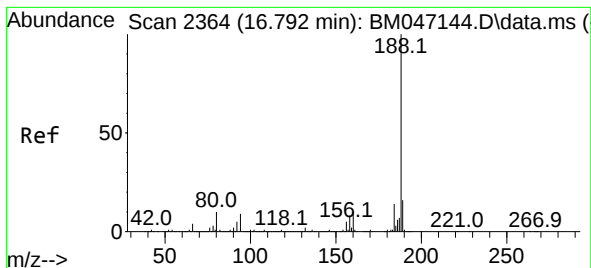
Tgt Ion:330 Resp: 985554
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.2
141 35.1 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 82.665 ng
RT: 12.627 min Scan# 1656
Delta R.T. -0.018 min
Lab File: BM047274.D
Acq: 20 Aug 2024 17:36

Tgt Ion:172 Resp: 3821435
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.3 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: BM047274.D

Acq: 20 Aug 2024 17:36

Instrument :

BNA_M

ClientSampleId :

PB162806TB

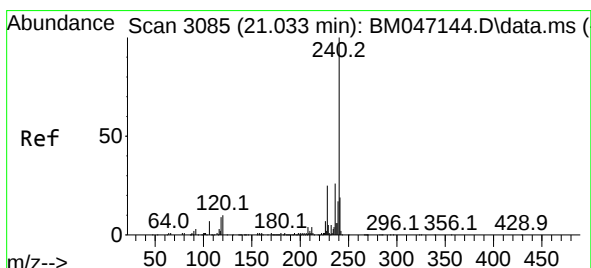
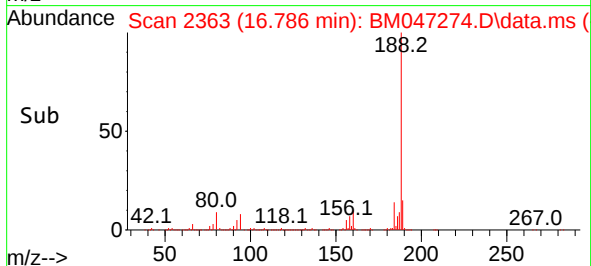
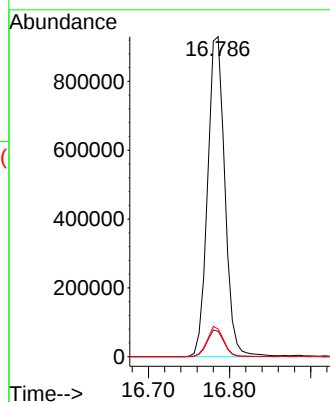
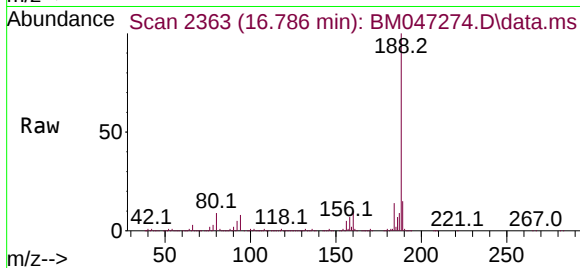
Tgt Ion:188 Resp: 1368984

Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.6

80 8.7 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: BM047274.D

Acq: 20 Aug 2024 17:36

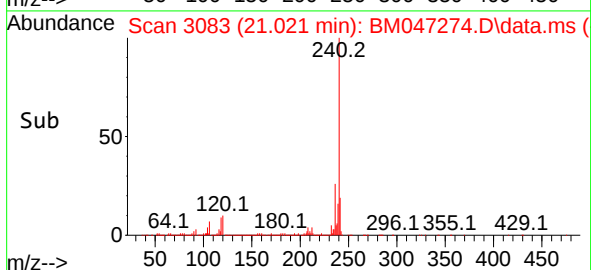
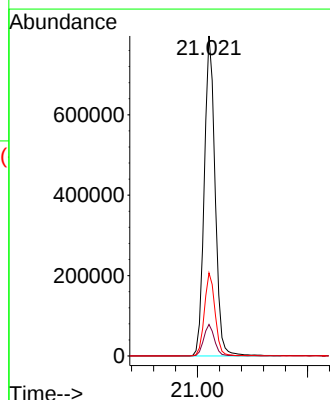
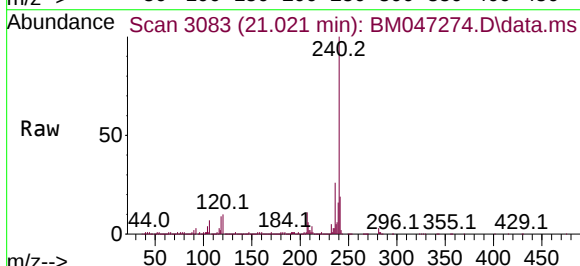
Tgt Ion:240 Resp: 1089096

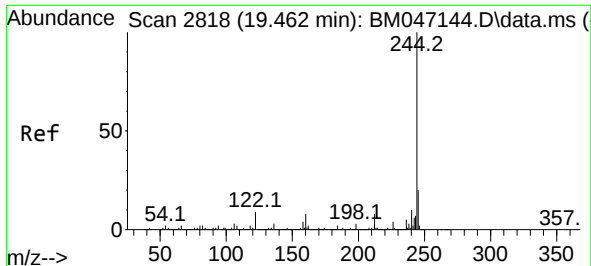
Ion Ratio Lower Upper

240 100

120 9.9 8.2 12.2

236 26.0 20.6 30.8

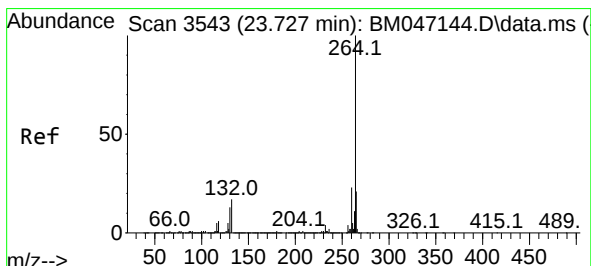
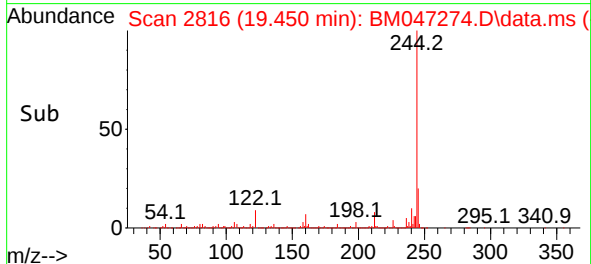
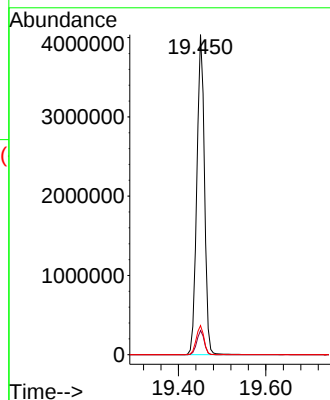
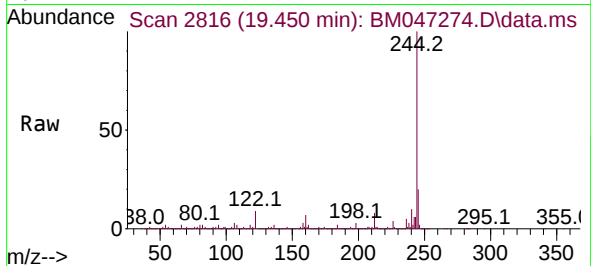




#79
 Terphenyl-d14
 Concen: 96.544 ng
 RT: 19.450 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047274.D
 Acq: 20 Aug 2024 17:36

Instrument :
 BNA_M
 ClientSampleId :
 PB162806TB

Tgt Ion:244 Resp: 4907009
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 9.1 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: BM047274.D
 Acq: 20 Aug 2024 17:36

Tgt Ion:264 Resp: 1196810
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 21.4 17.3 25.9

