

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
 Data File : BM047327.D
 Acq On : 23 Aug 2024 10:48
 Operator : RC/JU
 Sample : PB162815BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162815BL

Quant Time: Aug 23 11:56:07 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)

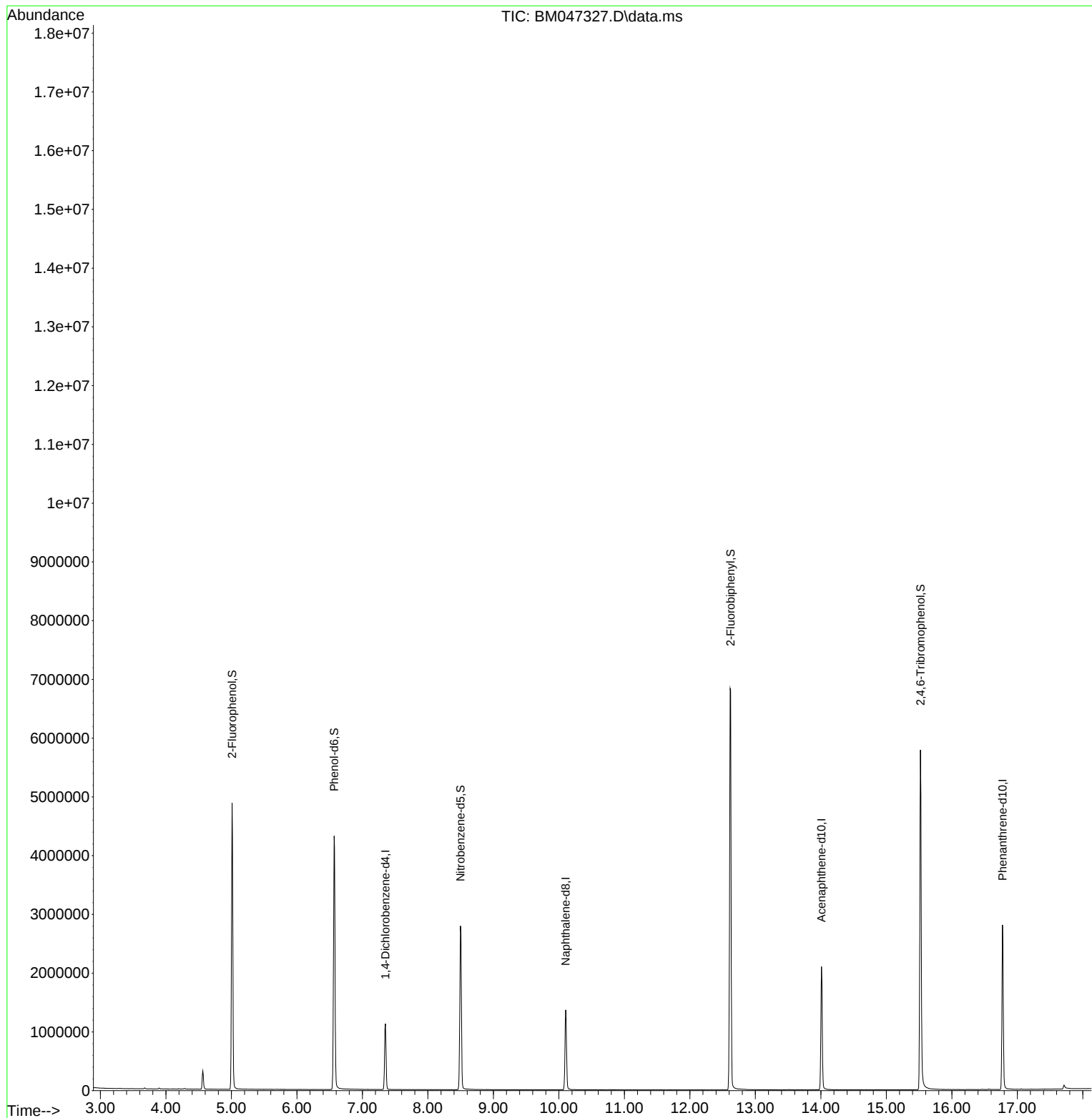
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	315846	20.000	ng	-0.02
21) Naphthalene-d8	10.104	136	1133981	20.000	ng	-0.03
39) Acenaphthene-d10	14.010	164	773133	20.000	ng	-0.02
64) Phenanthrene-d10	16.774	188	1691306	20.000	ng	-0.02
76) Chrysene-d12	21.015	240	1674916	20.000	ng	-0.02
86) Perylene-d12	23.709	264	1753650	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	2071201	117.174	ng	-0.01
7) Phenol-d6	6.569	99	2586743	106.204	ng	-0.02
23) Nitrobenzene-d5	8.498	82	1689132	75.004	ng	-0.02
42) 2,4,6-Tribromophenol	15.521	330	1194073	133.199	ng	-0.02
45) 2-Fluorobiphenyl	12.622	172	3985751	79.522	ng	-0.02
79) Terphenyl-d14	19.445	244	7246274	92.704	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.575	77	5196	Below Cal	Qvalue #	3

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

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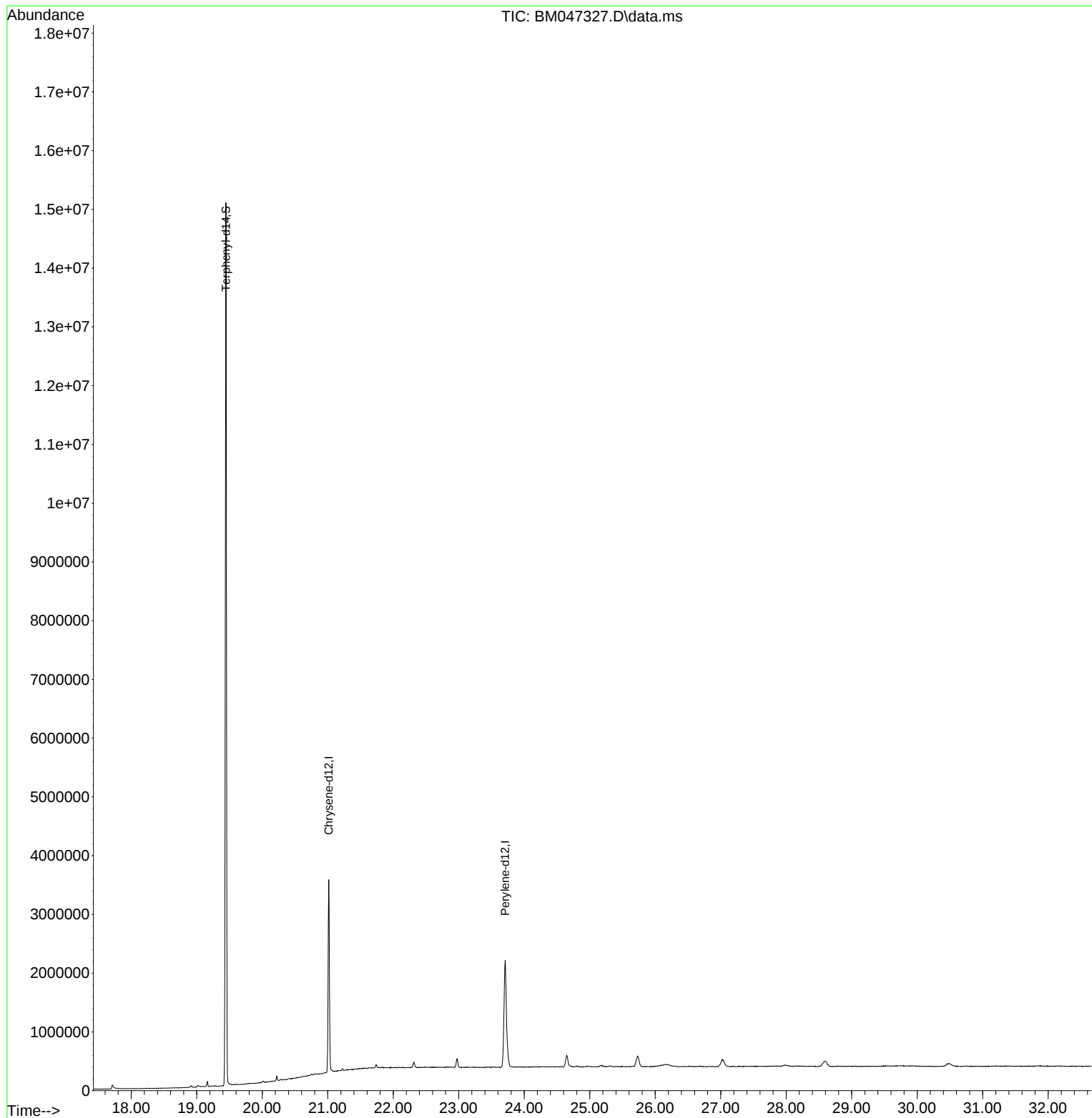
Quant Time: Aug 23 11:56:07 2024
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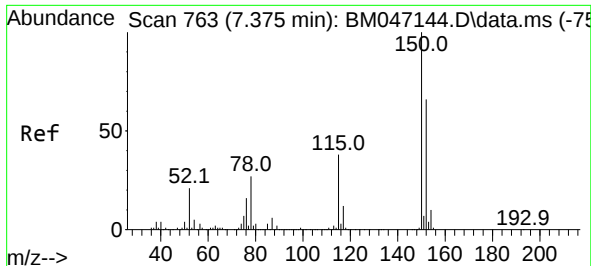


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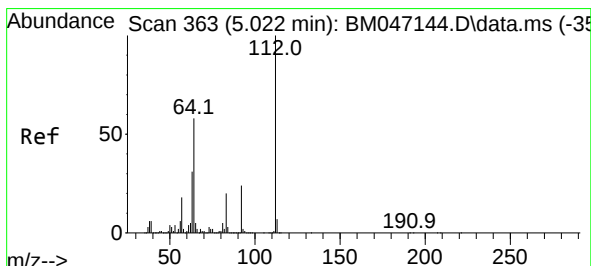
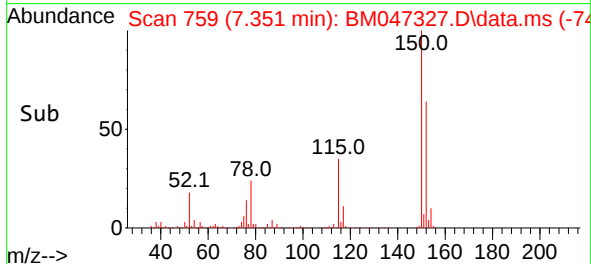
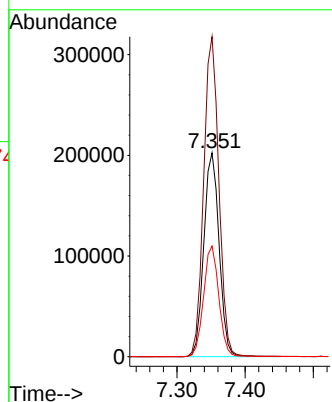
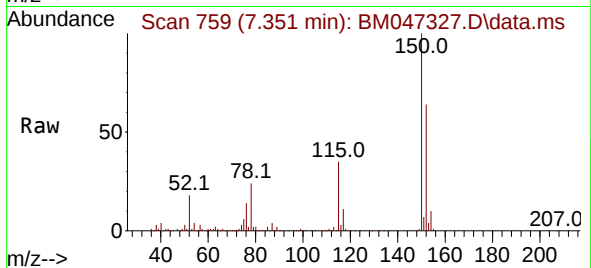




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 71
Delta R.T. -0.024 min
Lab File: BM047327.D
Acq: 23 Aug 2024 10:48

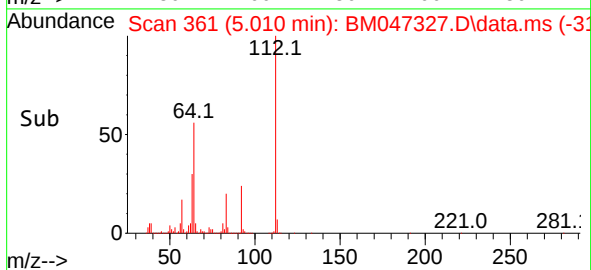
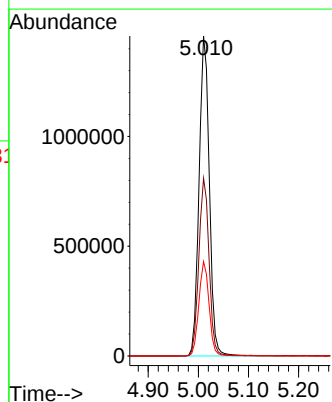
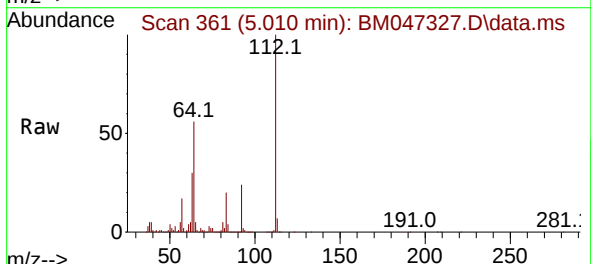
Instrument :
BNA_M
ClientSampleId :
PB162815BL

Tgt Ion:152 Resp: 315846
Ion Ratio Lower Upper
152 100
150 157.0 120.5 180.7
115 54.3 45.5 68.3



#5
2-Fluorophenol
Concen: 117.174 ng
RT: 5.010 min Scan# 361
Delta R.T. -0.012 min
Lab File: BM047327.D
Acq: 23 Aug 2024 10:48

Tgt Ion:112 Resp: 2071201
Ion Ratio Lower Upper
112 100
64 55.5 46.7 70.1
63 29.5 24.8 37.2



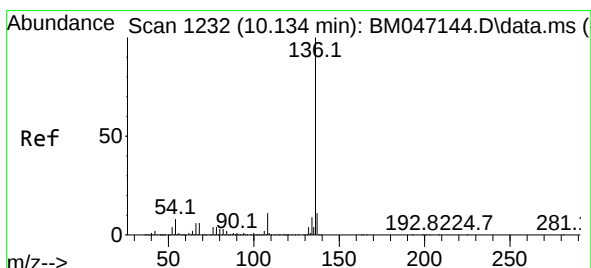
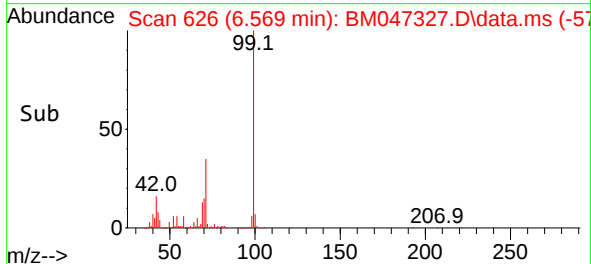
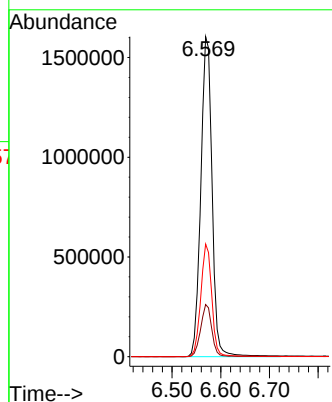
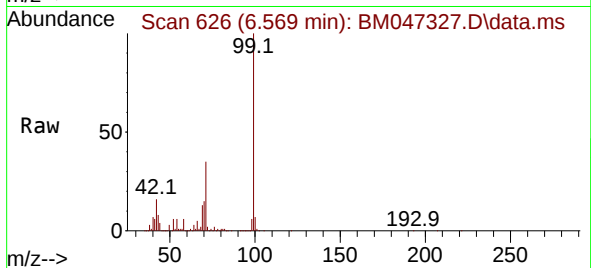


#7
Phenol-d6
Concen: 106.204 ng
RT: 6.569 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM047327.D
Acq: 23 Aug 2024 10:48

Instrument :
BNA_M
ClientSampleId :
PB162815BL

Tgt Ion: 99 Resp: 2586743

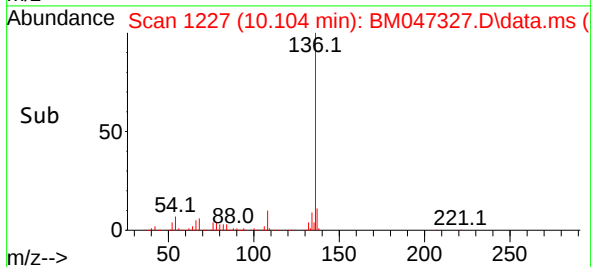
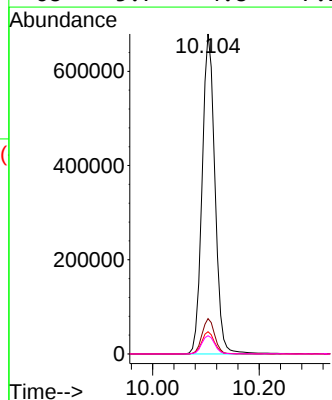
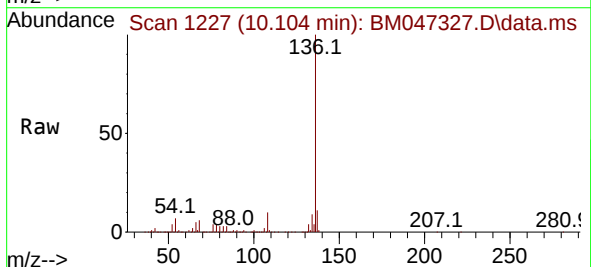
Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.1	21.1
71	35.2	28.5	42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. -0.030 min
Lab File: BM047327.D
Acq: 23 Aug 2024 10:48

Tgt Ion: 136 Resp: 1133981

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.0	6.0	9.0
68	5.7	4.8	7.2

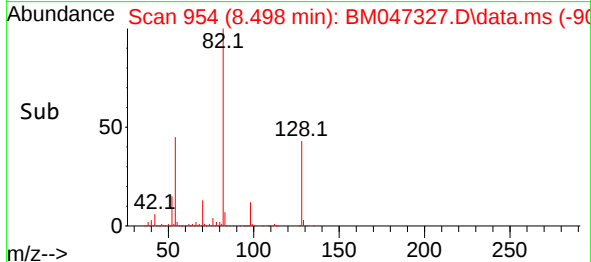
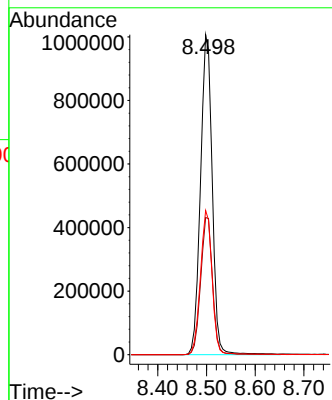
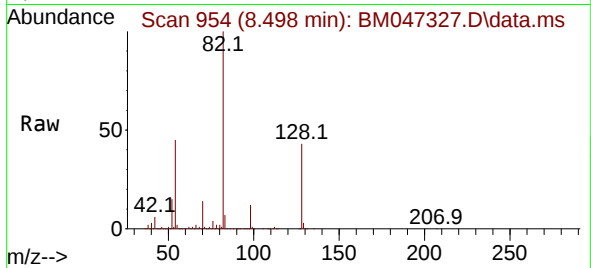




#23
Nitrobenzene-d5
Concen: 75.004 ng
RT: 8.498 min Scan# 91
Delta R.T. -0.024 min
Lab File: BM047327.D
Acq: 23 Aug 2024 10:48

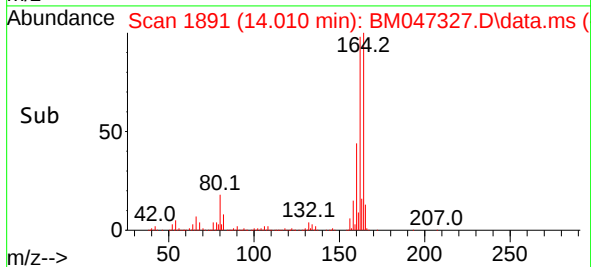
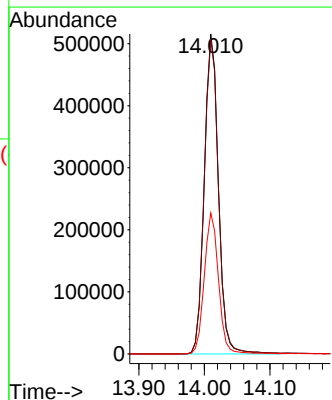
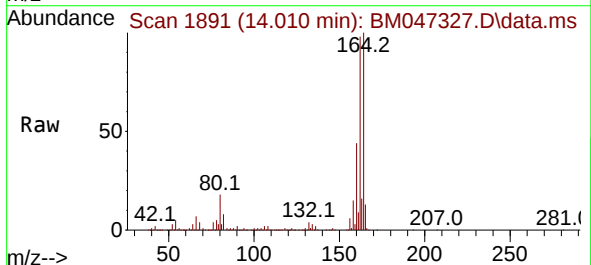
Instrument :
BNA_M
ClientSampleId :
PB162815BL

Tgt Ion: 82 Resp: 1689132
Ion Ratio Lower Upper
82 100
128 42.9 32.3 48.5
54 45.1 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: BM047327.D
Acq: 23 Aug 2024 10:48

Tgt Ion: 164 Resp: 773133
Ion Ratio Lower Upper
164 100
162 98.3 80.7 121.1
160 44.0 36.0 54.0

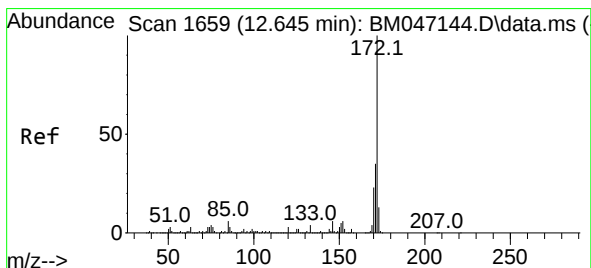
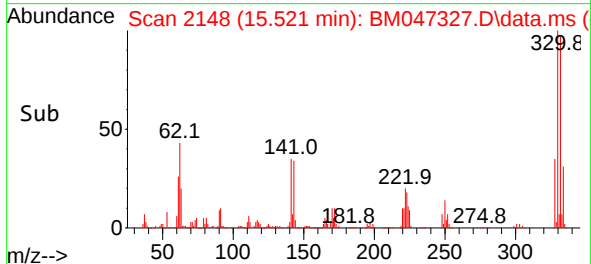
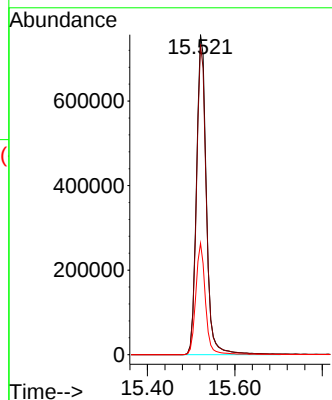
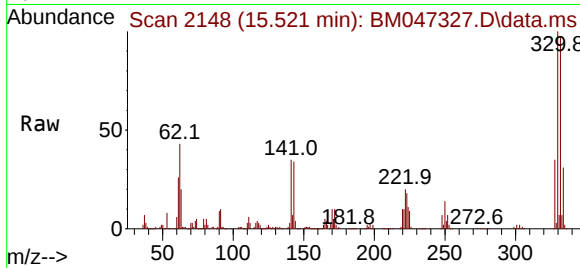




#42
2,4,6-Tribromophenol
Concen: 133.199 ng
RT: 15.521 min Scan# 2151
Delta R.T. -0.018 min
Lab File: BM047327.D
Acq: 23 Aug 2024 10:48

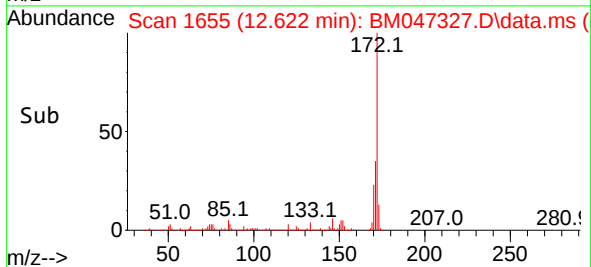
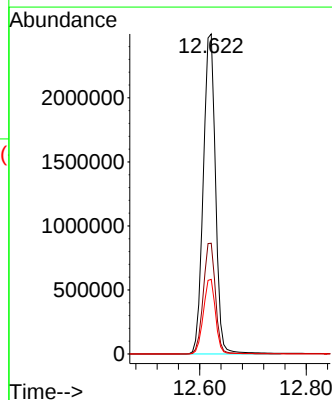
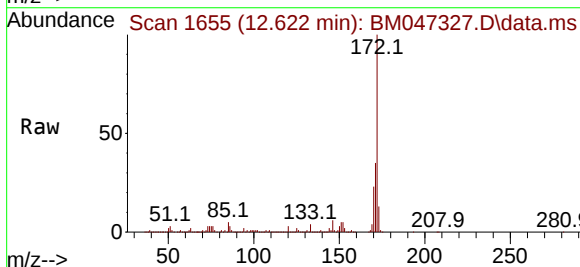
Instrument :
BNA_M
ClientSampleId :
PB162815BL

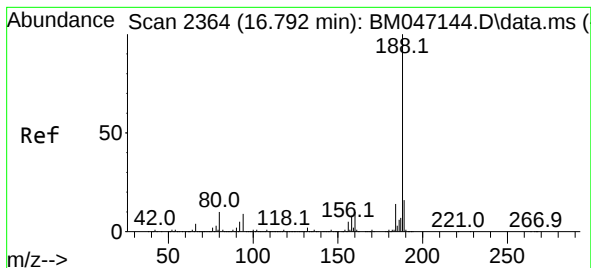
Tgt Ion:330 Resp: 1194073
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 33.8 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 79.522 ng
RT: 12.622 min Scan# 1655
Delta R.T. -0.023 min
Lab File: BM047327.D
Acq: 23 Aug 2024 10:48

Tgt Ion:172 Resp: 3985751
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.3 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: BM047327.D

Acq: 23 Aug 2024 10:48

Instrument :

BNA_M

ClientSampleId :

PB162815BL

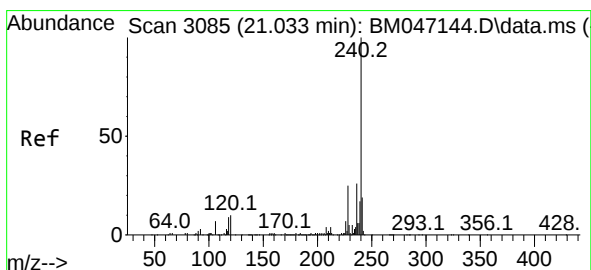
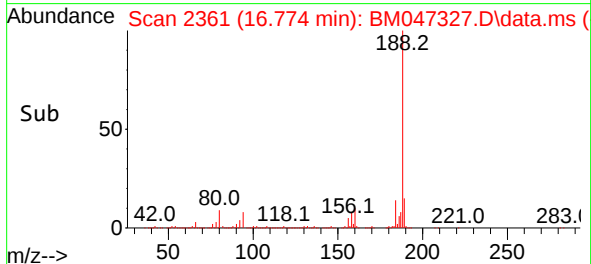
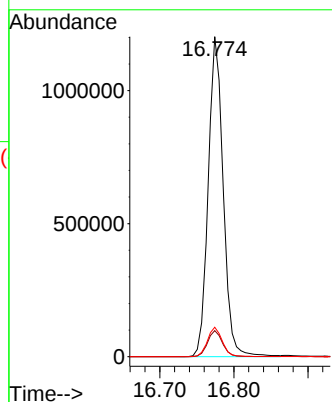
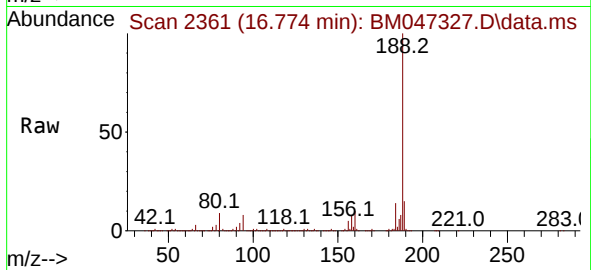
Tgt Ion:188 Resp: 1691306

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.6

80 9.2 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: BM047327.D

Acq: 23 Aug 2024 10:48

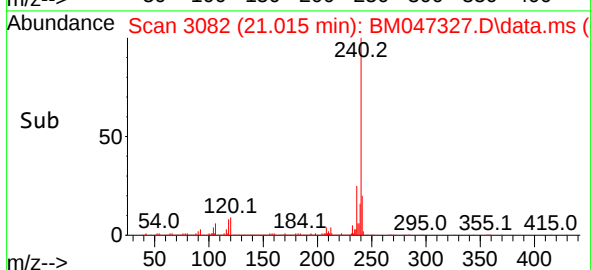
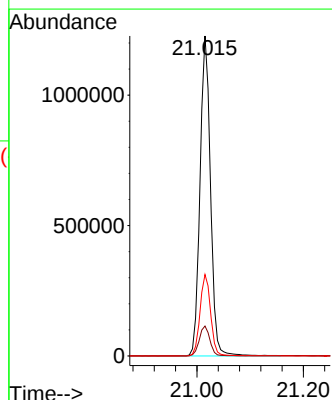
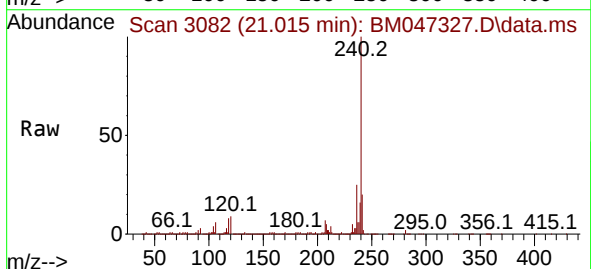
Tgt Ion:240 Resp: 1674916

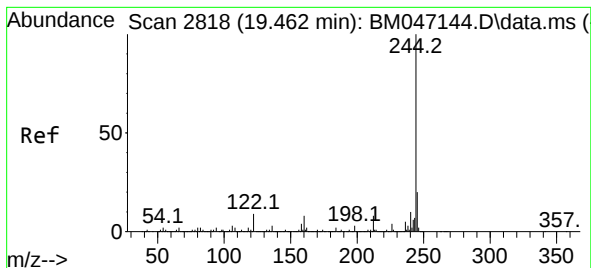
Ion Ratio Lower Upper

240 100

120 9.4 8.2 12.2

236 25.5 20.6 30.8





#79

Terphenyl-d14

Concen: 92.704 ng

RT: 19.445 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047327.D

Acq: 23 Aug 2024 10:48

Instrument :

BNA_M

ClientSampleId :

PB162815BL

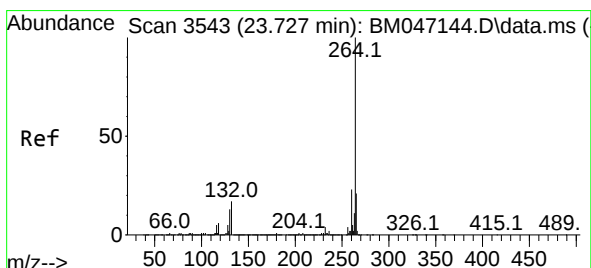
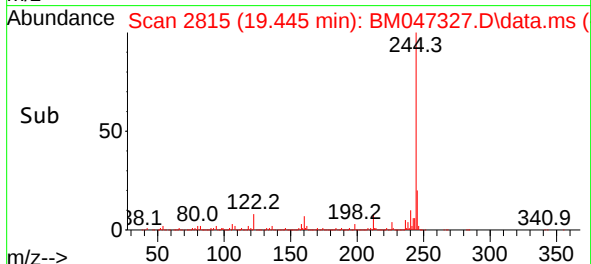
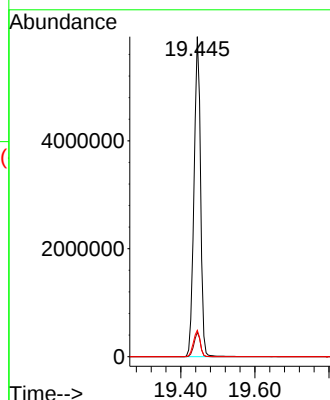
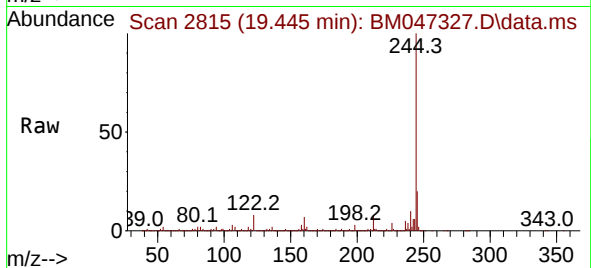
Tgt Ion:244 Resp: 7246274

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.4

122 8.2 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: BM047327.D

Acq: 23 Aug 2024 10:48

Tgt Ion:264 Resp: 1753650

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 21.3 17.3 25.9

