

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
 Data File : BM047295.D
 Acq On : 21 Aug 2024 13:07
 Operator : RC/JU
 Sample : P3617-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VCPS-B4-081424-10-16

Quant Time: Aug 21 13:48:05 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	184312	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	689185	20.000	ng	-0.02
39) Acenaphthene-d10	14.016	164	448409	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1000271	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	1043174	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1051801	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1123836	108.952	ng	-0.01
7) Phenol-d6	6.569	99	1474623	103.751	ng	-0.02
23) Nitrobenzene-d5	8.498	82	973494	71.125	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	651936	125.387	ng	-0.01
45) 2-Fluorobiphenyl	12.622	172	2052614	70.610	ng	-0.02
79) Terphenyl-d14	19.445	244	3137401	64.445	ng	-0.02

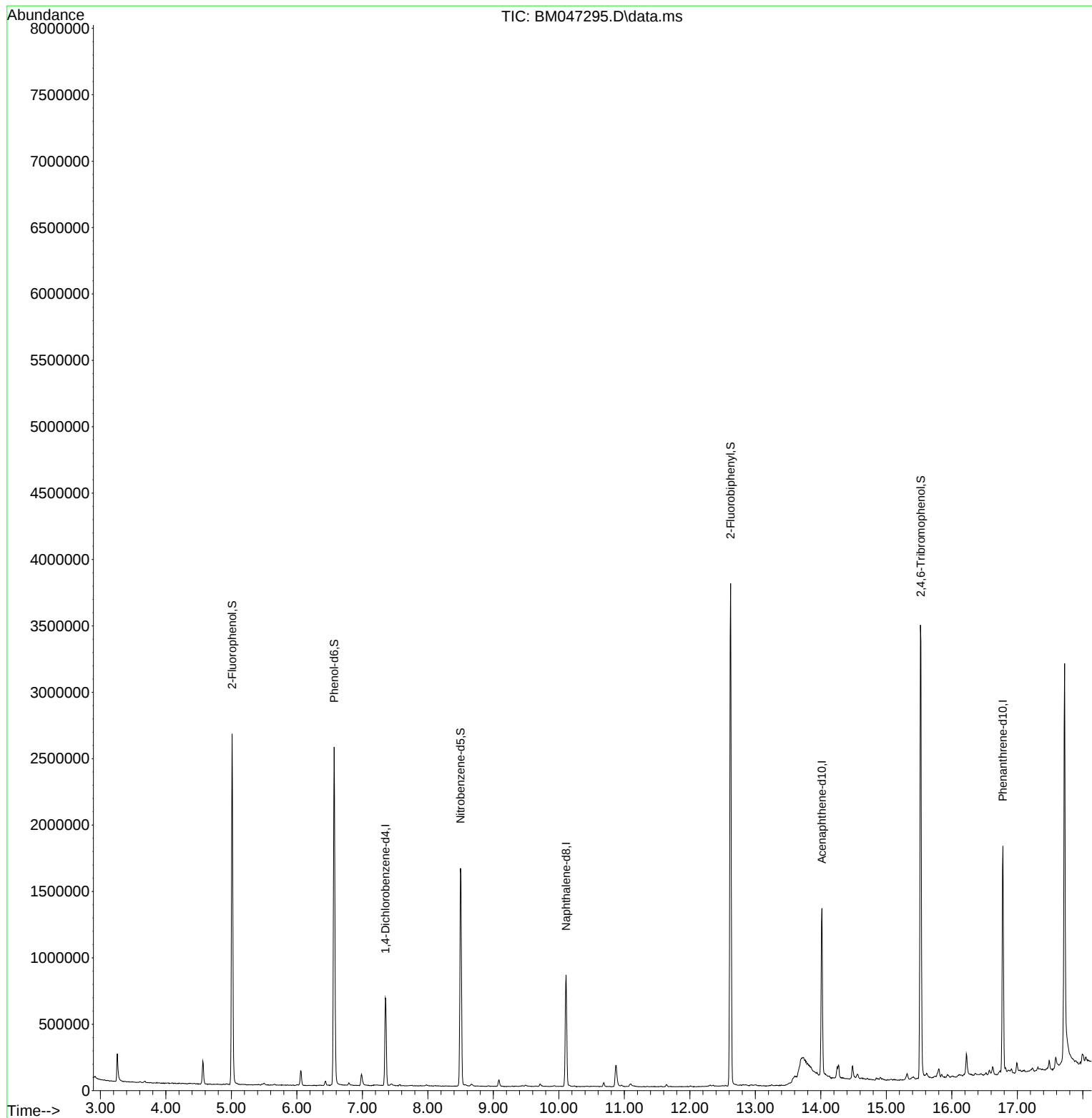
Target Compounds	Qvalue

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

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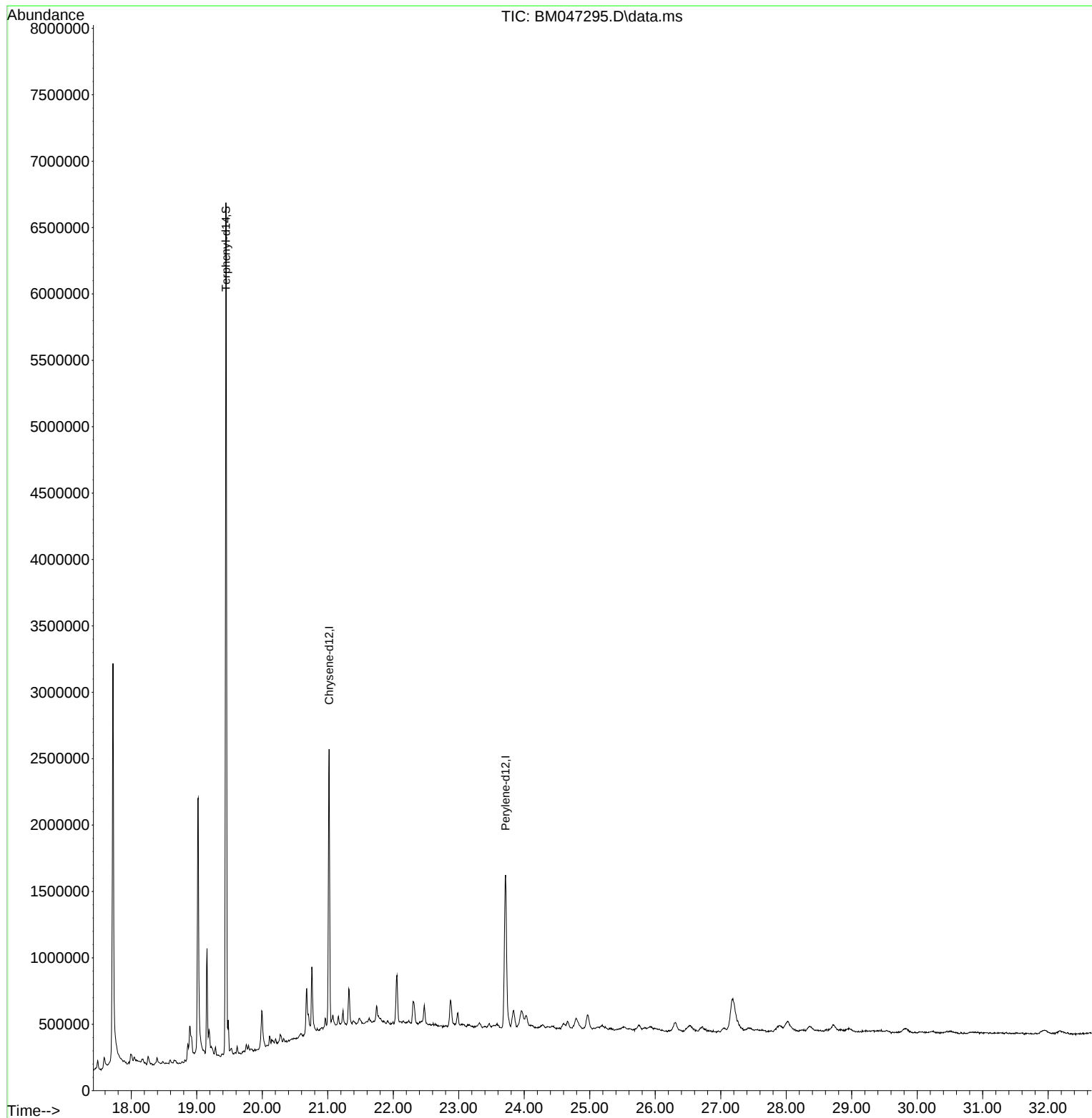
Quant Time: Aug 21 13:48:05 2024
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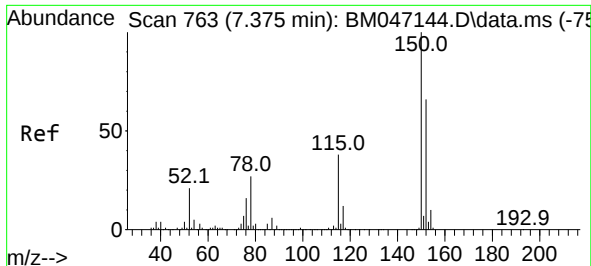


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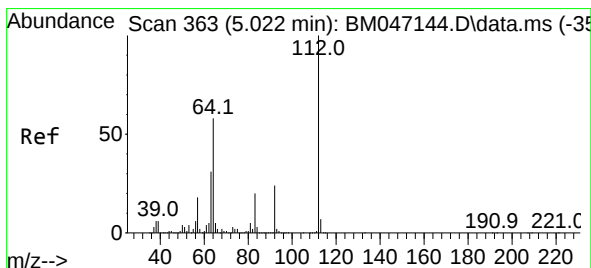
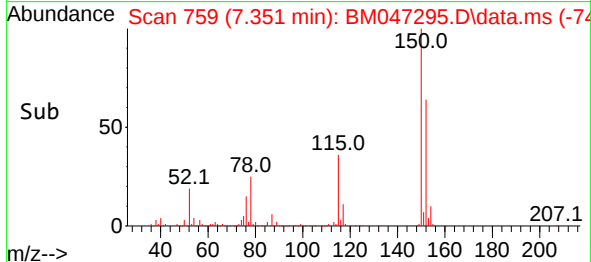
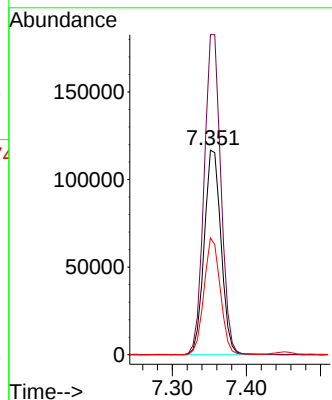
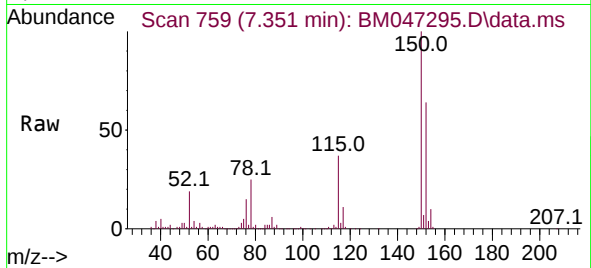




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 71
Delta R.T. -0.024 min
Lab File: BM047295.D
Acq: 21 Aug 2024 13:07

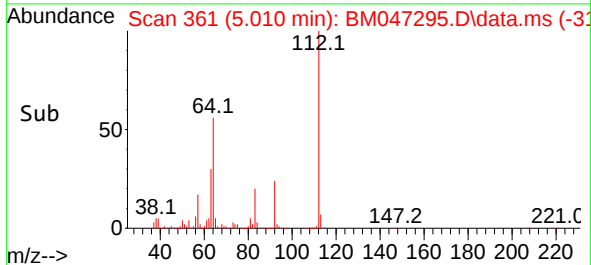
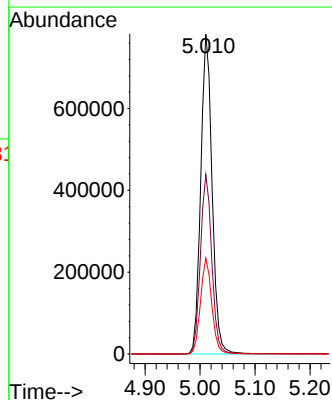
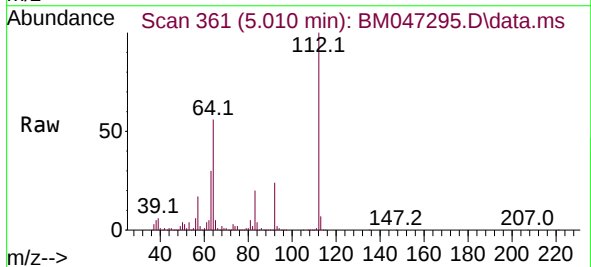
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16

Tgt Ion:152 Resp: 184312
Ion Ratio Lower Upper
152 100
150 156.5 120.5 180.7
115 57.1 45.5 68.3



#5
2-Fluorophenol
Concen: 108.952 ng
RT: 5.010 min Scan# 361
Delta R.T. -0.012 min
Lab File: BM047295.D
Acq: 21 Aug 2024 13:07

Tgt Ion:112 Resp: 1123836
Ion Ratio Lower Upper
112 100
64 56.1 46.7 70.1
63 29.9 24.8 37.2

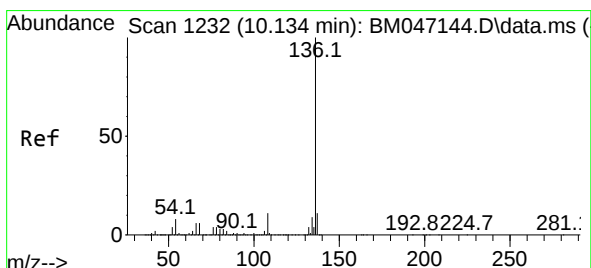
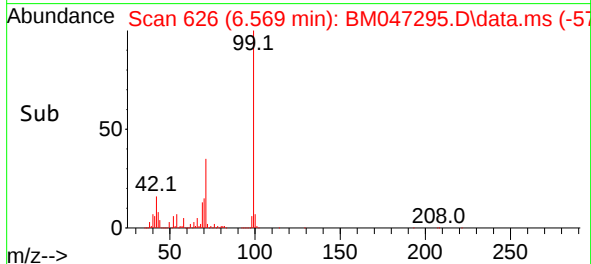
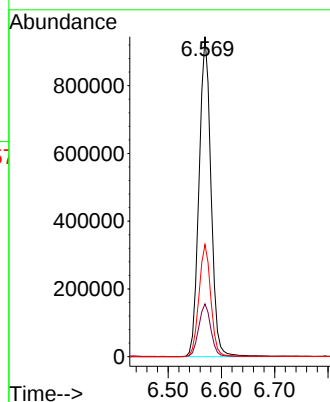
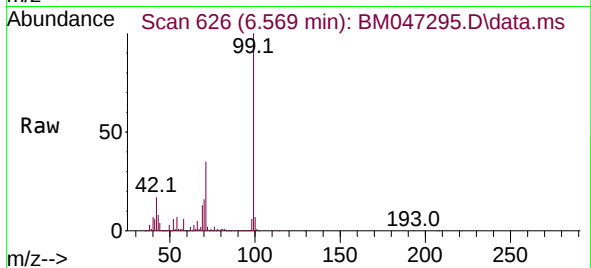




#7
Phenol-d6
Concen: 103.751 ng
RT: 6.569 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM047295.D
Acq: 21 Aug 2024 13:07

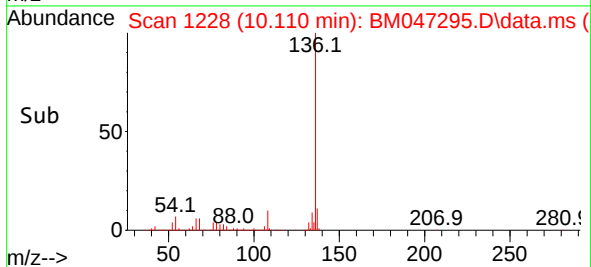
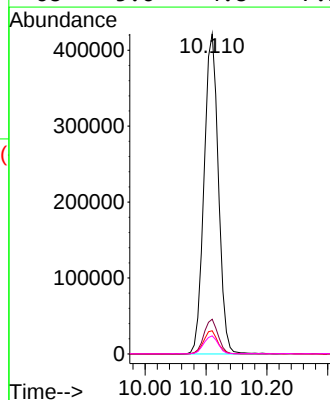
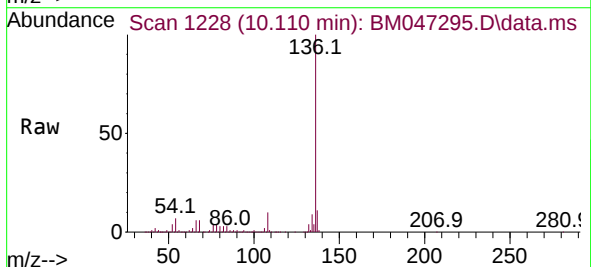
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16

Tgt Ion: 99 Resp: 1474623
Ion Ratio Lower Upper
99 100
42 16.5 14.1 21.1
71 35.0 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.110 min Scan# 1228
Delta R.T. -0.024 min
Lab File: BM047295.D
Acq: 21 Aug 2024 13:07

Tgt Ion: 136 Resp: 689185
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.3 6.0 9.0
68 5.6 4.8 7.2

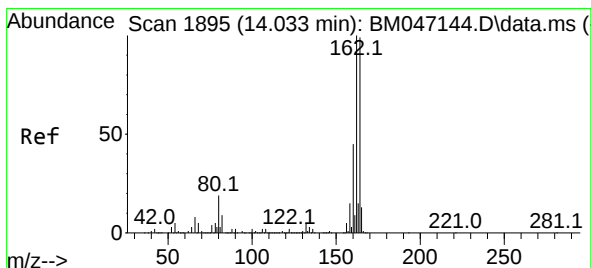
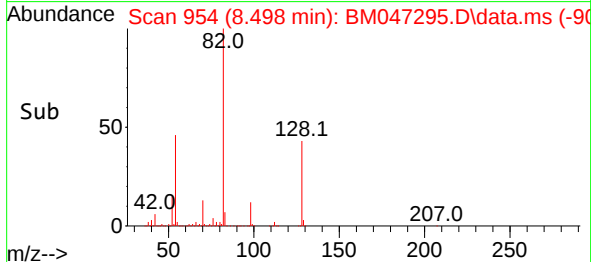
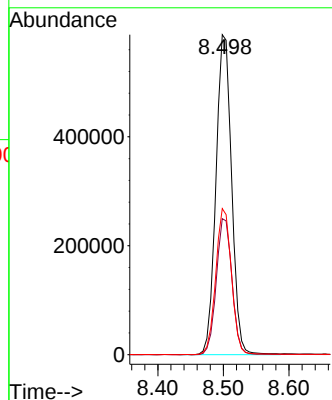
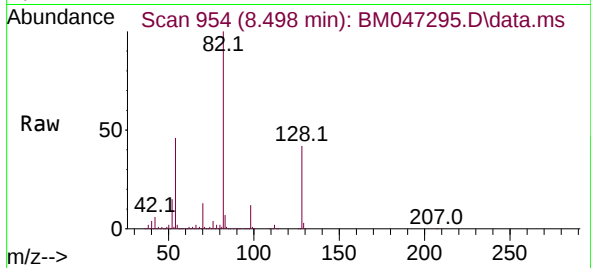




#23
Nitrobenzene-d5
Concen: 71.125 ng
RT: 8.498 min Scan# 91
Delta R.T. -0.024 min
Lab File: BM047295.D
Acq: 21 Aug 2024 13:07

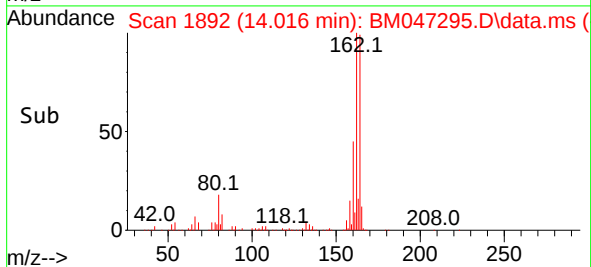
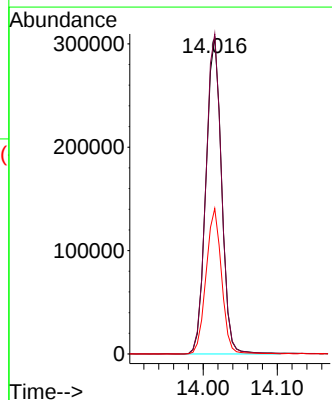
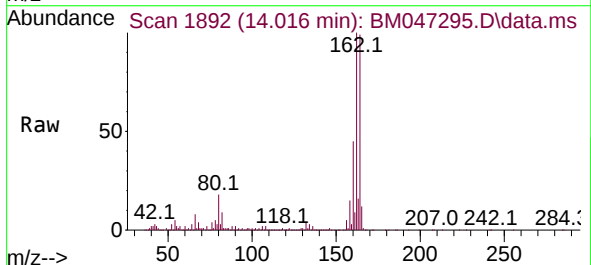
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16

Tgt Ion: 82 Resp: 973494
Ion Ratio Lower Upper
82 100
128 42.5 32.3 48.5
54 45.7 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.016 min Scan# 1892
Delta R.T. -0.018 min
Lab File: BM047295.D
Acq: 21 Aug 2024 13:07

Tgt Ion: 164 Resp: 448409
Ion Ratio Lower Upper
164 100
162 100.8 80.7 121.1
160 45.8 36.0 54.0

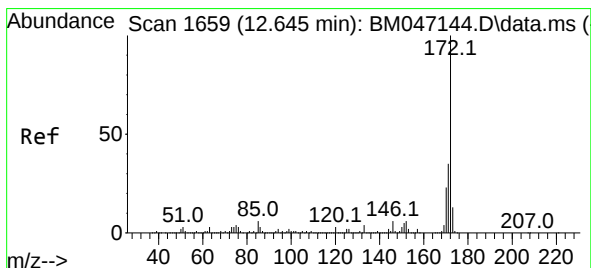
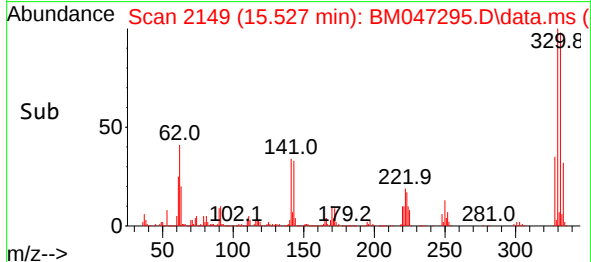
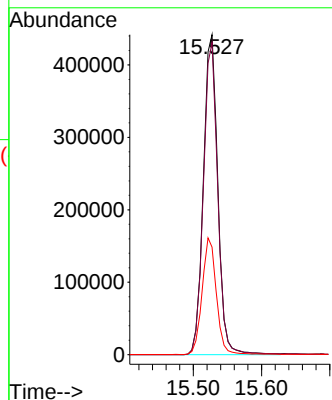
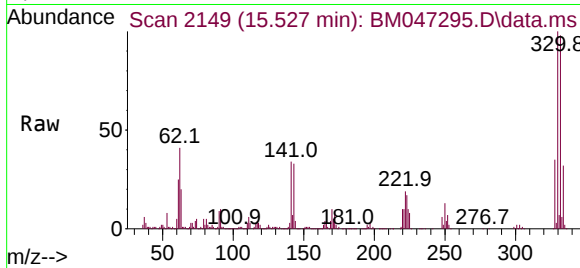




#42
2,4,6-Tribromophenol
Concen: 125.387 ng
RT: 15.527 min Scan# 2151
Delta R.T. -0.012 min
Lab File: BM047295.D
Acq: 21 Aug 2024 13:07

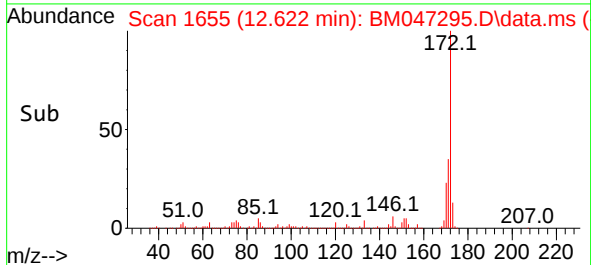
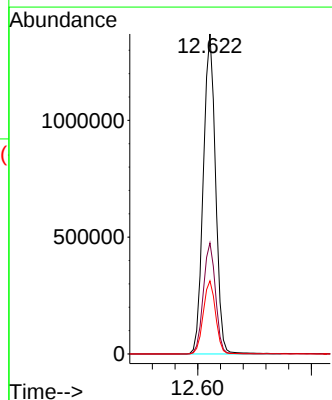
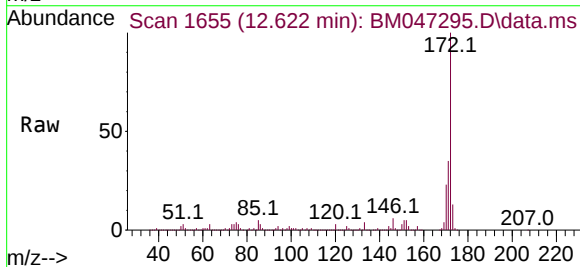
Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16

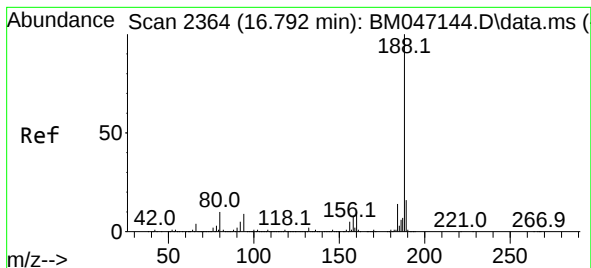
Tgt Ion:330 Resp: 651936
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.2
141 36.1 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 70.610 ng
RT: 12.622 min Scan# 1655
Delta R.T. -0.023 min
Lab File: BM047295.D
Acq: 21 Aug 2024 13:07

Tgt Ion:172 Resp: 2052614
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 22.9 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.780 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047295.D

Acq: 21 Aug 2024 13:07

Instrument :

BNA_M

ClientSampleId :

VCPS-B4-081424-10-16

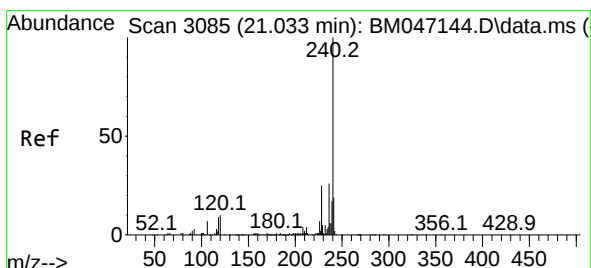
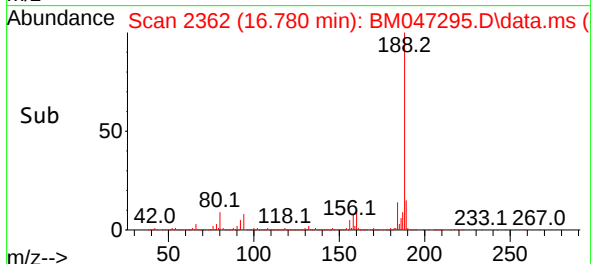
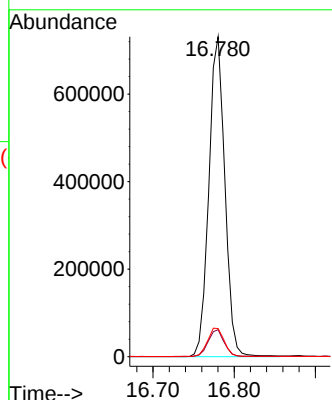
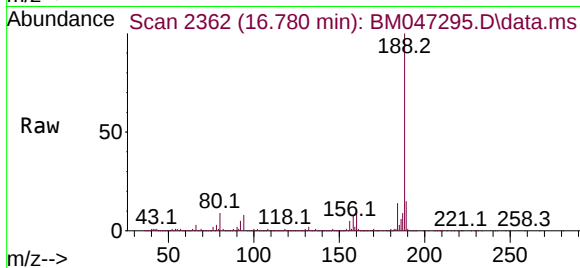
Tgt Ion:188 Resp: 1000271

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

80 8.8 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: BM047295.D

Acq: 21 Aug 2024 13:07

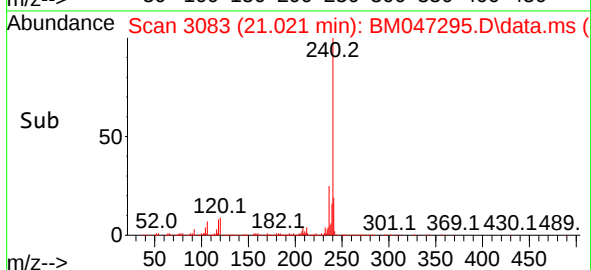
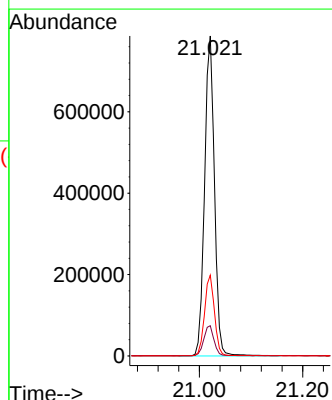
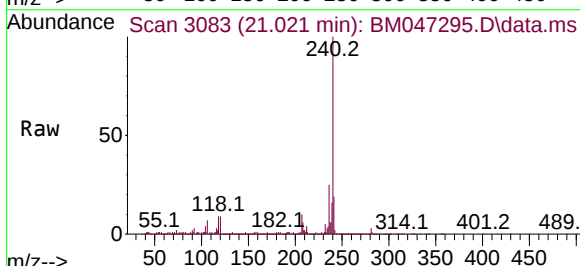
Tgt Ion:240 Resp: 1043174

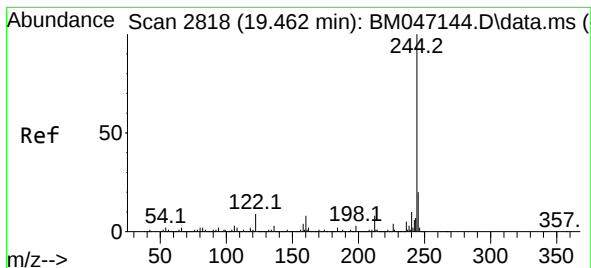
Ion Ratio Lower Upper

240 100

120 9.4 8.2 12.2

236 25.3 20.6 30.8





#79

Terphenyl-d14

Concen: 64.445 ng

RT: 19.445 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047295.D

Acq: 21 Aug 2024 13:07

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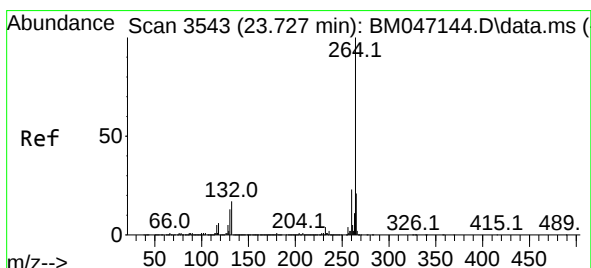
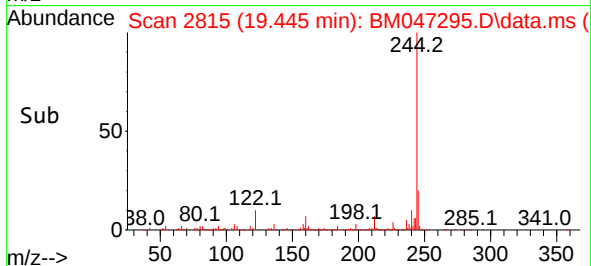
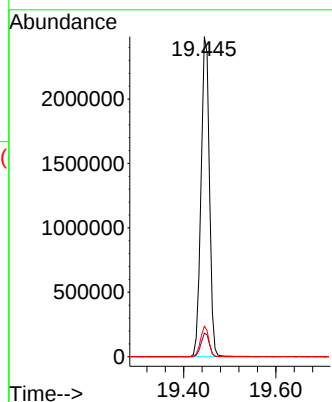
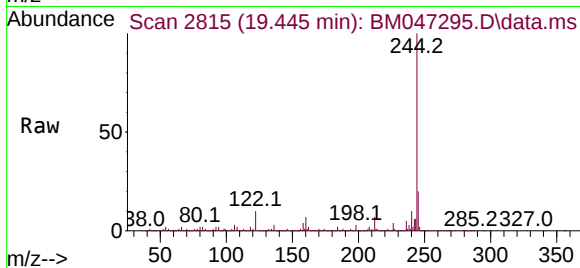
Tgt Ion:244 Resp: 3137401

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: 23.715 min Scan# 3541

Delta R.T. -0.012 min

Lab File: BM047295.D

Acq: 21 Aug 2024 13:07

Tgt Ion:264 Resp: 1051801

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 22.2 17.3 25.9

