

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082924\
 Data File : BM047396.D
 Acq On : 29 Aug 2024 16:26
 Operator : RC/JU
 Sample : P3773-02 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-082824

Quant Time: Aug 29 17:00:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 26 18:11:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

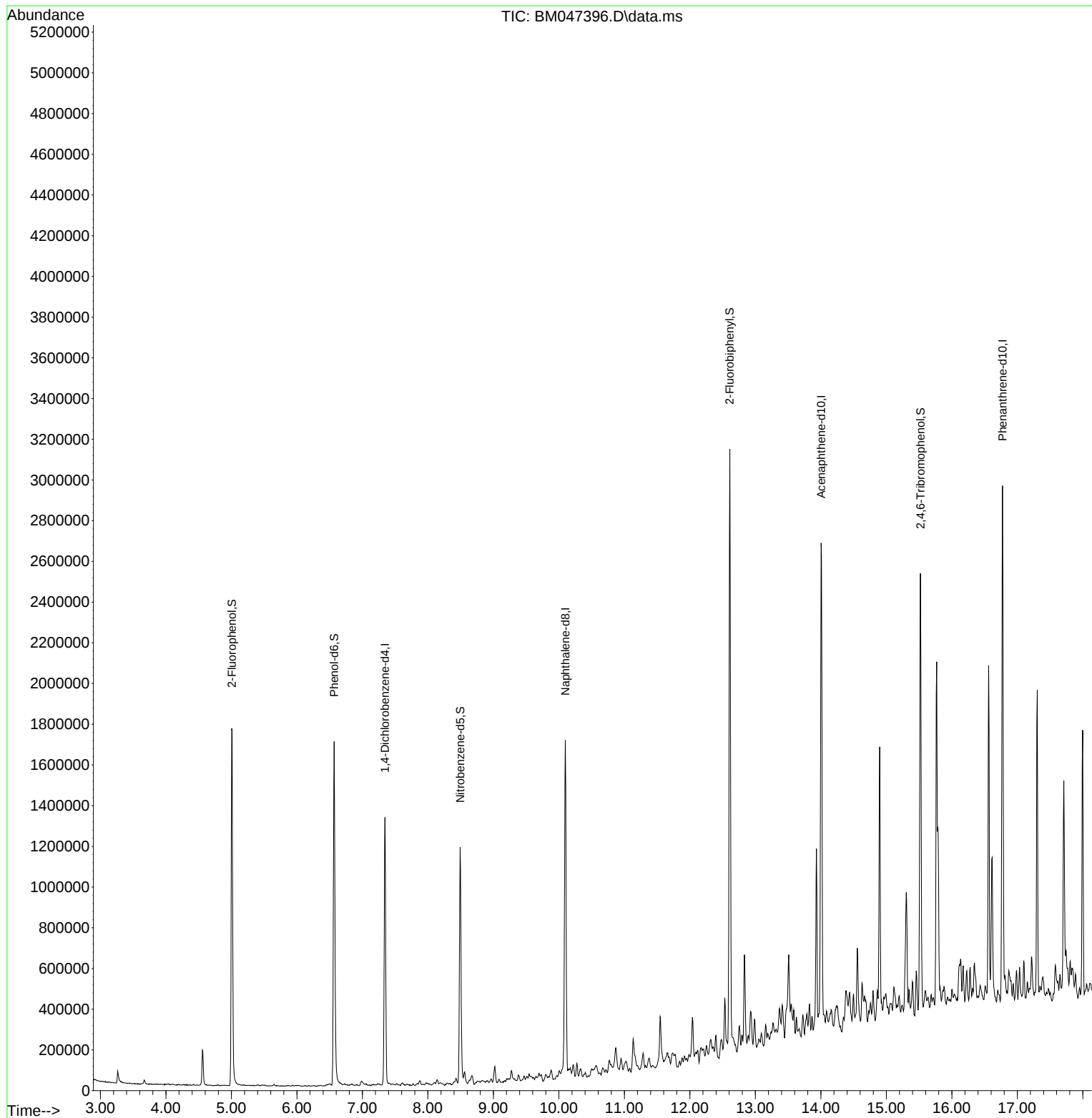
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.345	152	373373	20.000	ng	0.00
21) Naphthalene-d8	10.098	136	1337615	20.000	ng	0.00
39) Acenaphthene-d10	14.004	164	862967	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1548759	20.000	ng	0.00
76) Chrysene-d12	21.015	240	1203823	20.000	ng	0.00
86) Perylene-d12	23.715	264	1381799	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	821998	42.238	ng	0.00
7) Phenol-d6	6.569	99	1078514	40.681	ng	0.00
23) Nitrobenzene-d5	8.492	82	706959	29.325	ng	0.00
42) 2,4,6-Tribromophenol	15.521	330	401194	38.533	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	1653889	29.447	ng	0.00
79) Terphenyl-d14	19.439	244	1799969	26.614	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.528	77	494	Below Cal	#	39

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

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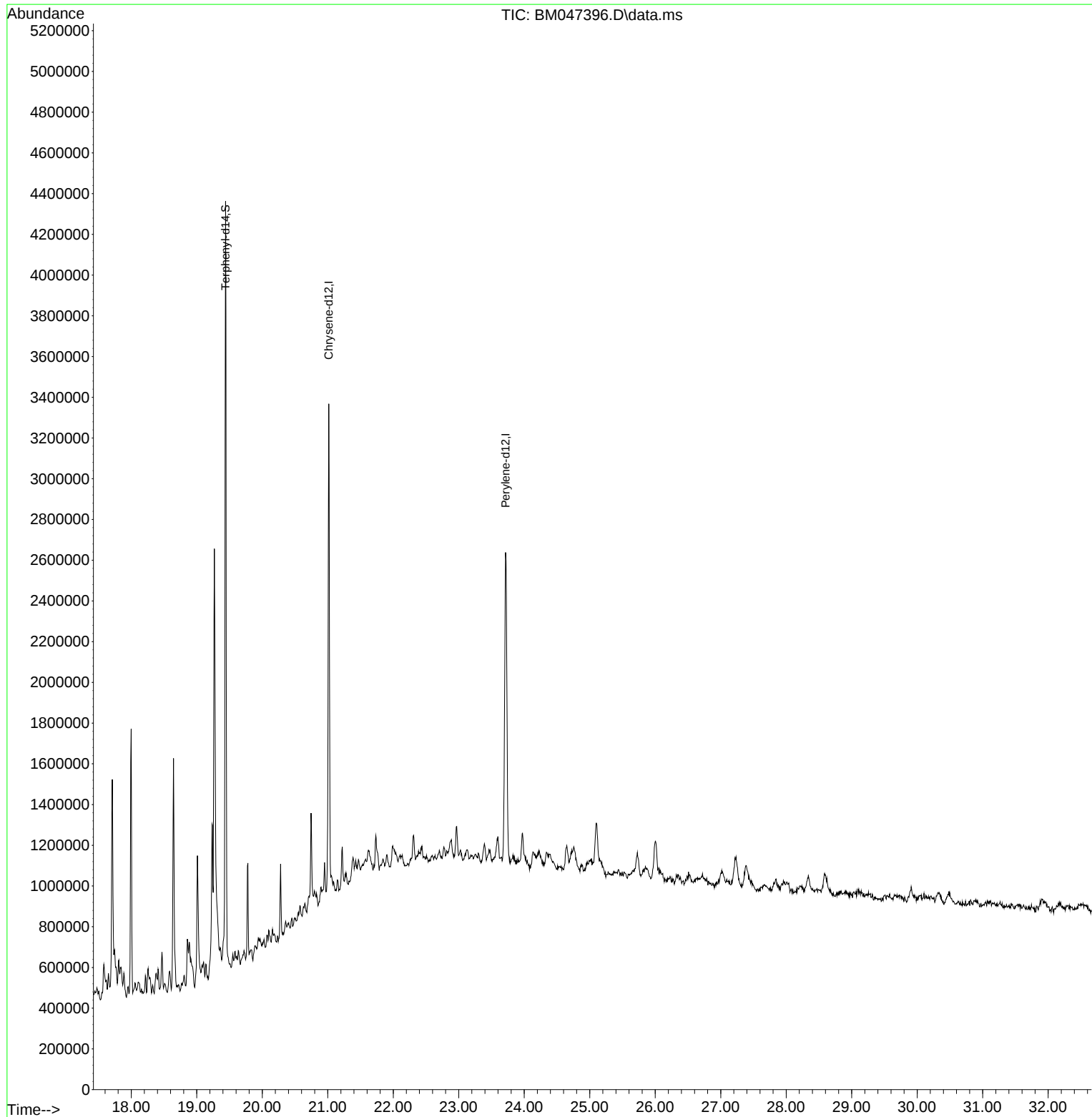
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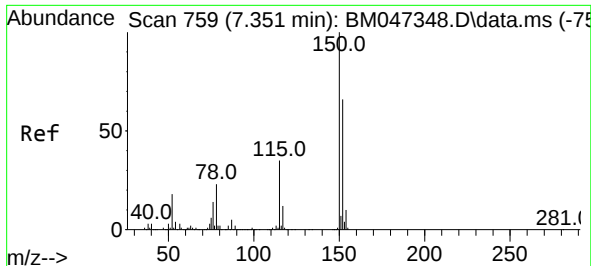


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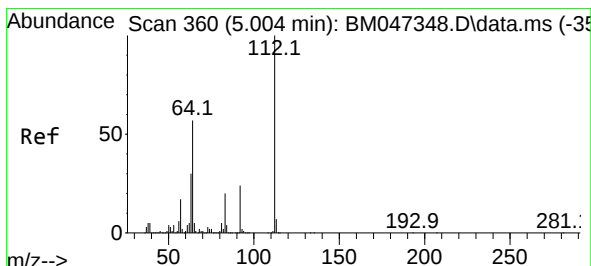
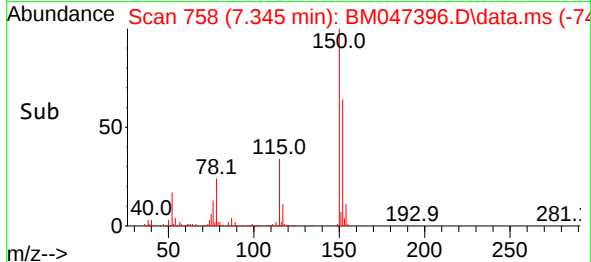
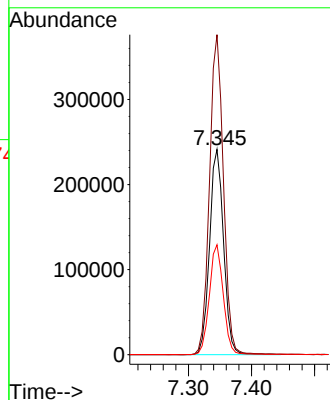
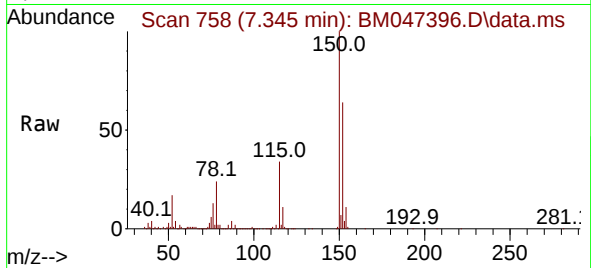




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM047396.D
Acq: 29 Aug 2024 16:26

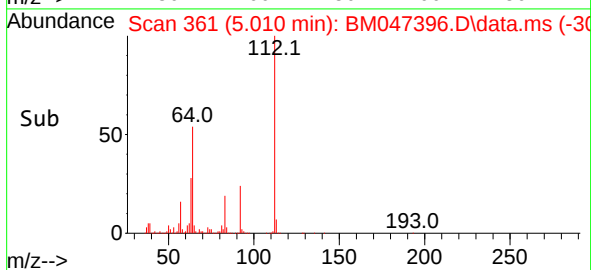
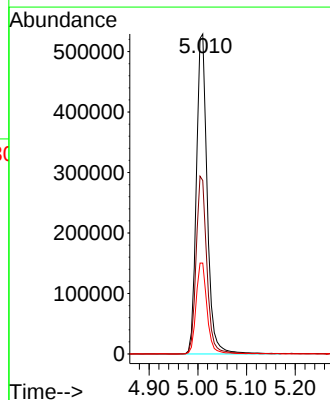
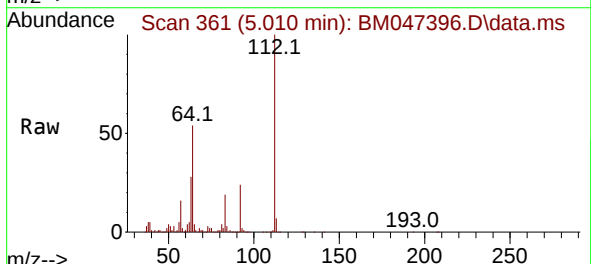
Instrument :
BNA_M
ClientSampleId :
AU-06-082824

Tgt Ion:152 Resp: 373373
Ion Ratio Lower Upper
152 100
150 155.9 121.3 181.9
115 53.6 42.6 64.0



#5
2-Fluorophenol
Concen: 42.238 ng
RT: 5.010 min Scan# 361
Delta R.T. 0.006 min
Lab File: BM047396.D
Acq: 29 Aug 2024 16:26

Tgt Ion:112 Resp: 821998
Ion Ratio Lower Upper
112 100
64 54.2 45.7 68.5
63 28.4 23.8 35.8

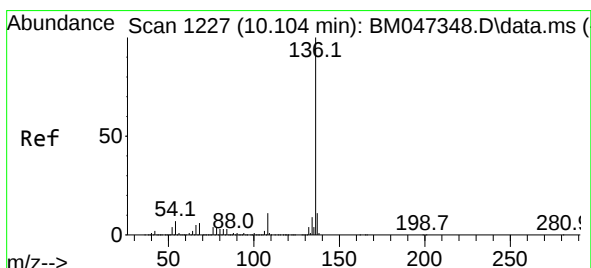
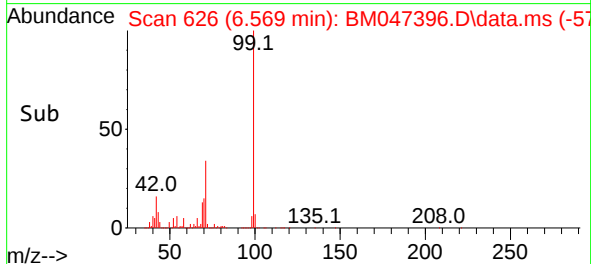
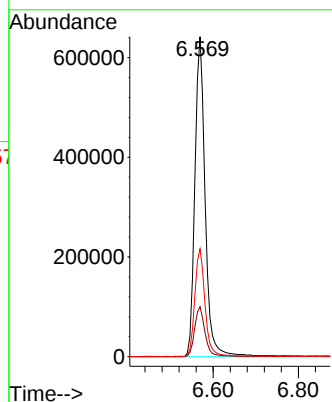
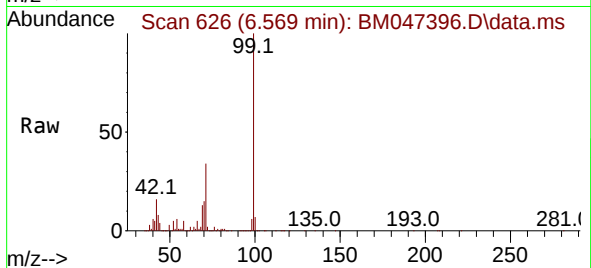




#7
Phenol-d6
Concen: 40.681 ng
RT: 6.569 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM047396.D
Acq: 29 Aug 2024 16:26

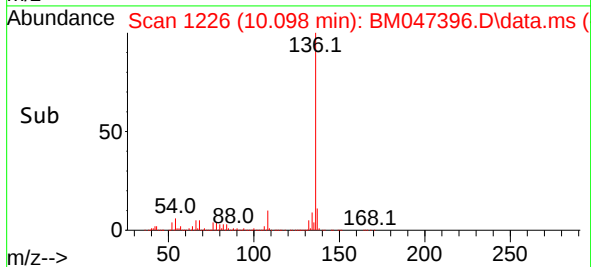
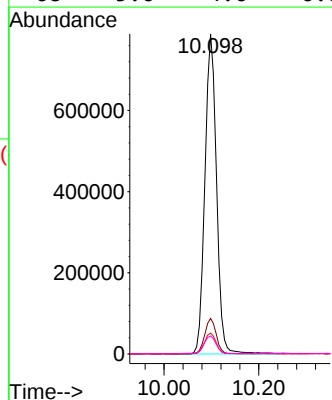
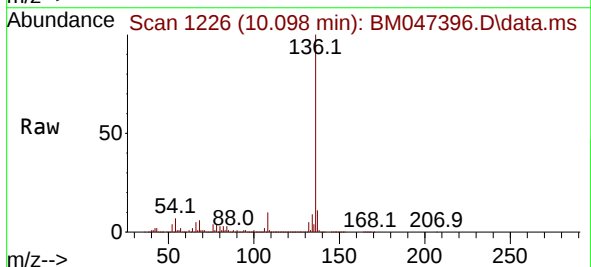
Instrument :
BNA_M
ClientSampleId :
AU-06-082824

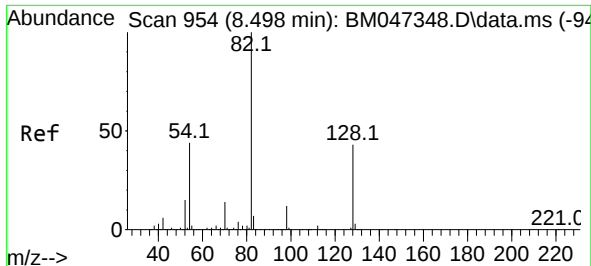
Tgt Ion: 99 Resp: 1078514
Ion Ratio Lower Upper
99 100
42 15.6 13.0 19.4
71 33.7 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BM047396.D
Acq: 29 Aug 2024 16:26

Tgt Ion: 136 Resp: 1337615
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.5 5.2 7.8
68 5.6 4.6 6.8

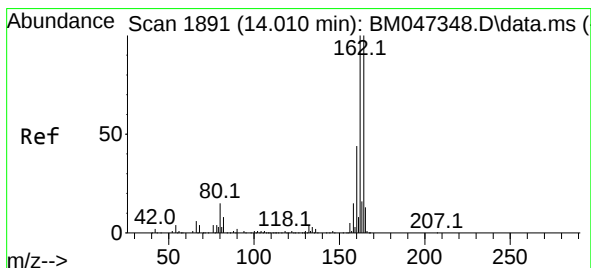
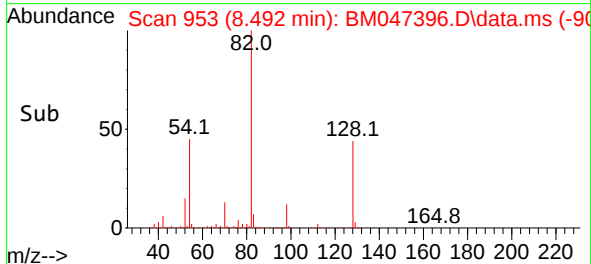
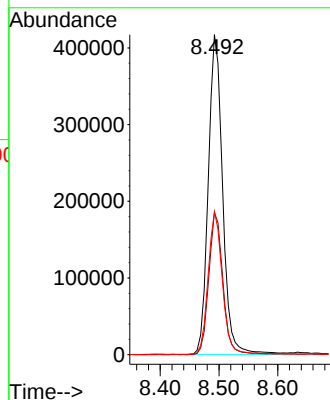
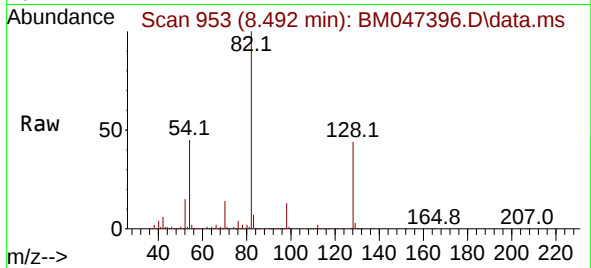




#23
Nitrobenzene-d5
Concen: 29.325 ng
RT: 8.492 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047396.D
Acq: 29 Aug 2024 16:26

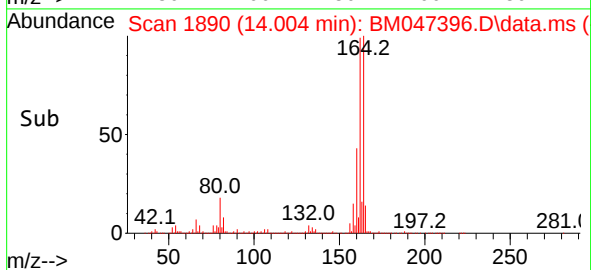
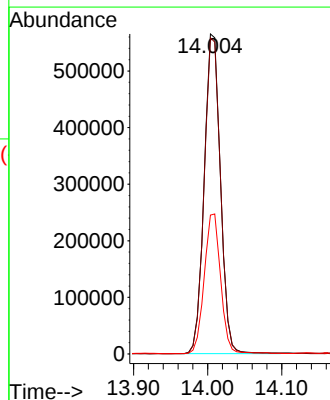
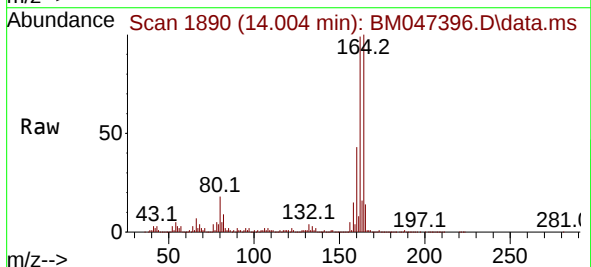
Instrument :
BNA_M
ClientSampleId :
AU-06-082824

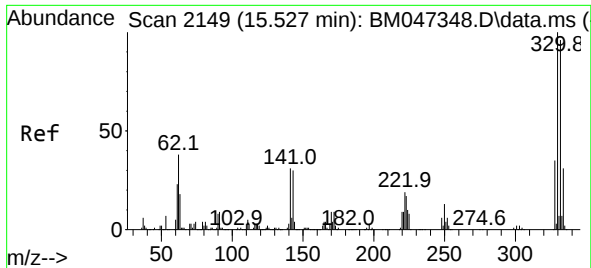
Tgt Ion: 82 Resp: 706959
Ion Ratio Lower Upper
82 100
128 44.4 34.6 51.8
54 44.8 35.5 53.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.004 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BM047396.D
Acq: 29 Aug 2024 16:26

Tgt Ion: 164 Resp: 862967
Ion Ratio Lower Upper
164 100
162 98.8 79.7 119.5
160 43.4 34.9 52.3

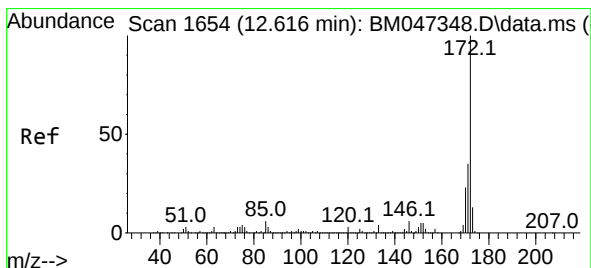
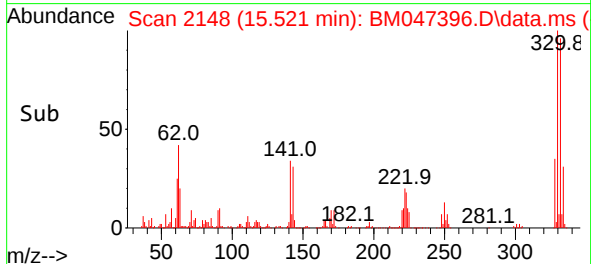
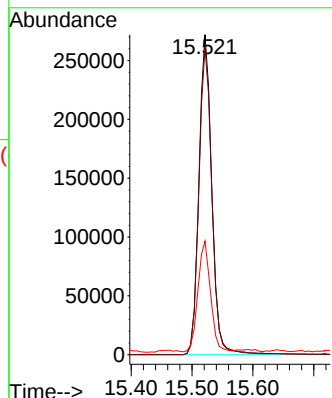
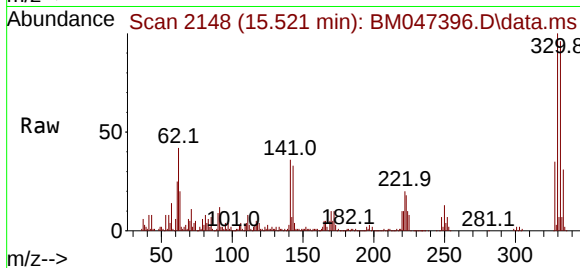




#42
2,4,6-Tribromophenol
Concen: 38.533 ng
RT: 15.521 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM047396.D
Acq: 29 Aug 2024 16:26

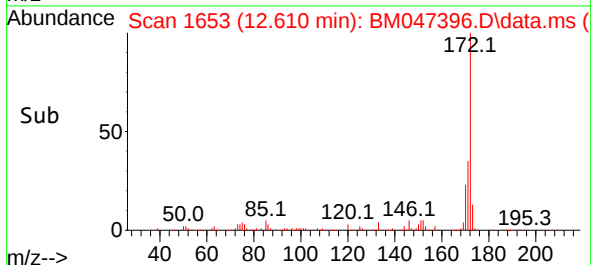
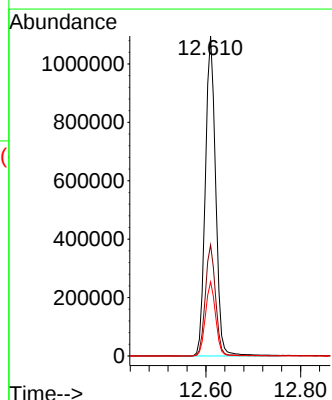
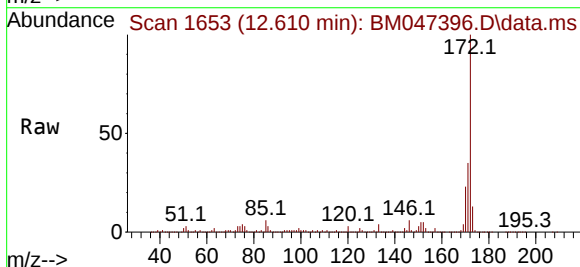
Instrument :
BNA_M
ClientSampleId :
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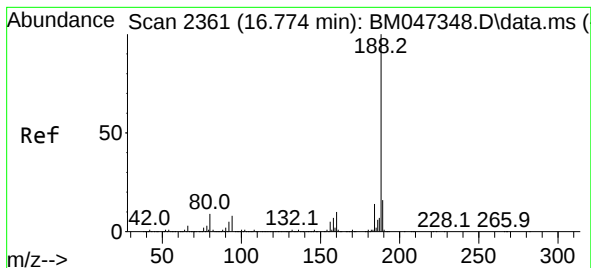
Tgt Ion:330 Resp: 401194
Ion Ratio Lower Upper
330 100
332 96.8 77.2 115.8
141 33.7 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 29.447 ng
RT: 12.610 min Scan# 1653
Delta R.T. -0.006 min
Lab File: BM047396.D
Acq: 29 Aug 2024 16:26

Tgt Ion:172 Resp: 1653889
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.1 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.774 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047396.D

Acq: 29 Aug 2024 16:26

Instrument :

BNA_M

ClientSampleId :

AU-06-082824

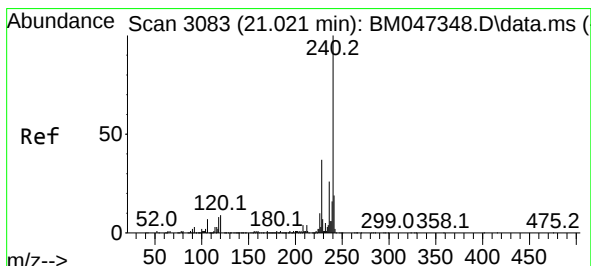
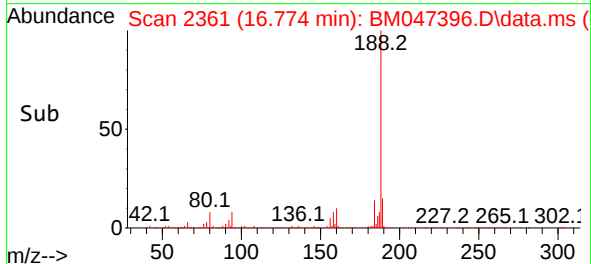
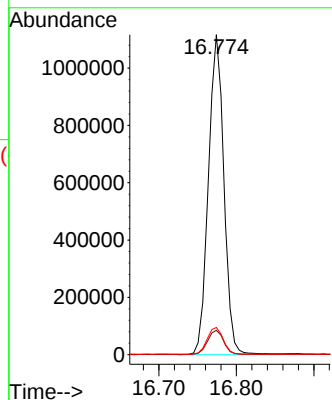
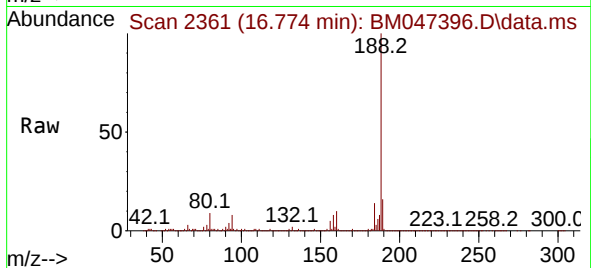
Tgt Ion:188 Resp: 1548759

Ion Ratio Lower Upper

188 100

94 7.6 6.4 9.6

80 8.5 7.4 11.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.015 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM047396.D

Acq: 29 Aug 2024 16:26

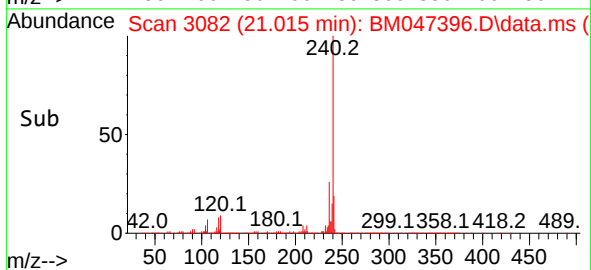
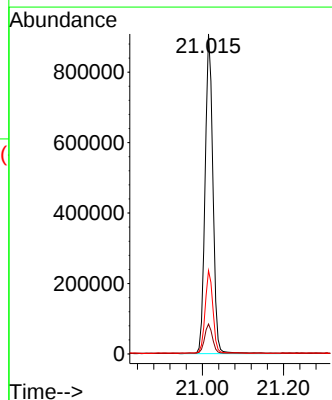
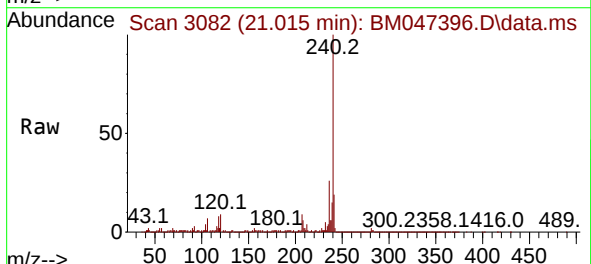
Tgt Ion:240 Resp: 1203823

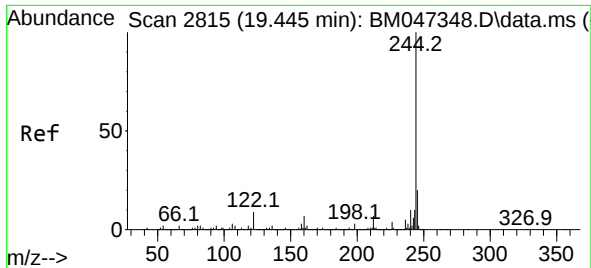
Ion Ratio Lower Upper

240 100

120 9.4 7.4 11.0

236 26.0 20.8 31.2

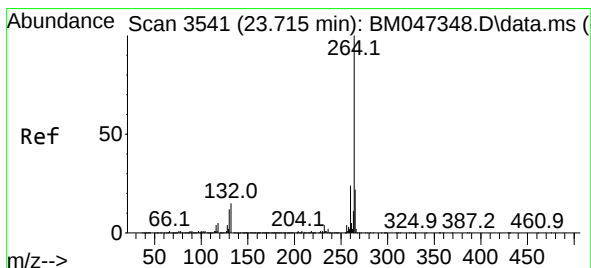
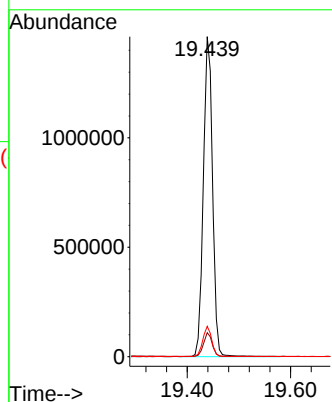
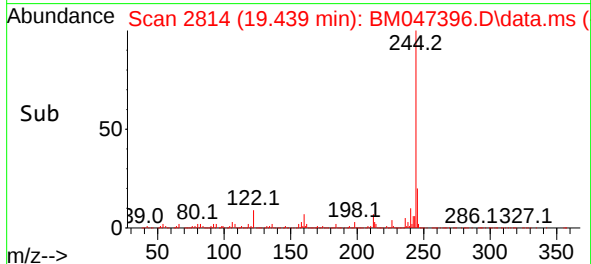
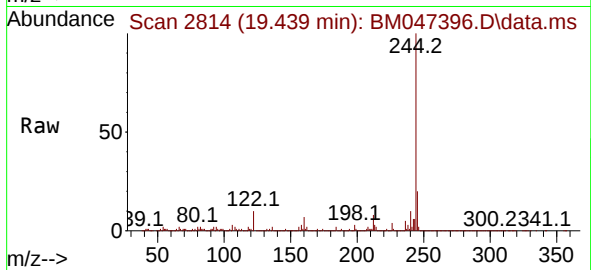




#79
 Terphenyl-d14
 Concen: 26.614 ng
 RT: 19.439 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047396.D
 Acq: 29 Aug 2024 16:26

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:244 Resp: 1799969
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 9.5 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.715 min Scan# 3541
 Delta R.T. -0.000 min
 Lab File: BM047396.D
 Acq: 29 Aug 2024 16:26

Tgt Ion:264 Resp: 1381799
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 22.4 17.8 26.6

