

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082824\
 Data File : BM047387.D
 Acq On : 28 Aug 2024 19:07
 Operator : RC/JU
 Sample : P3749-01 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-082624

Quant Time: Aug 29 03:03:58 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)

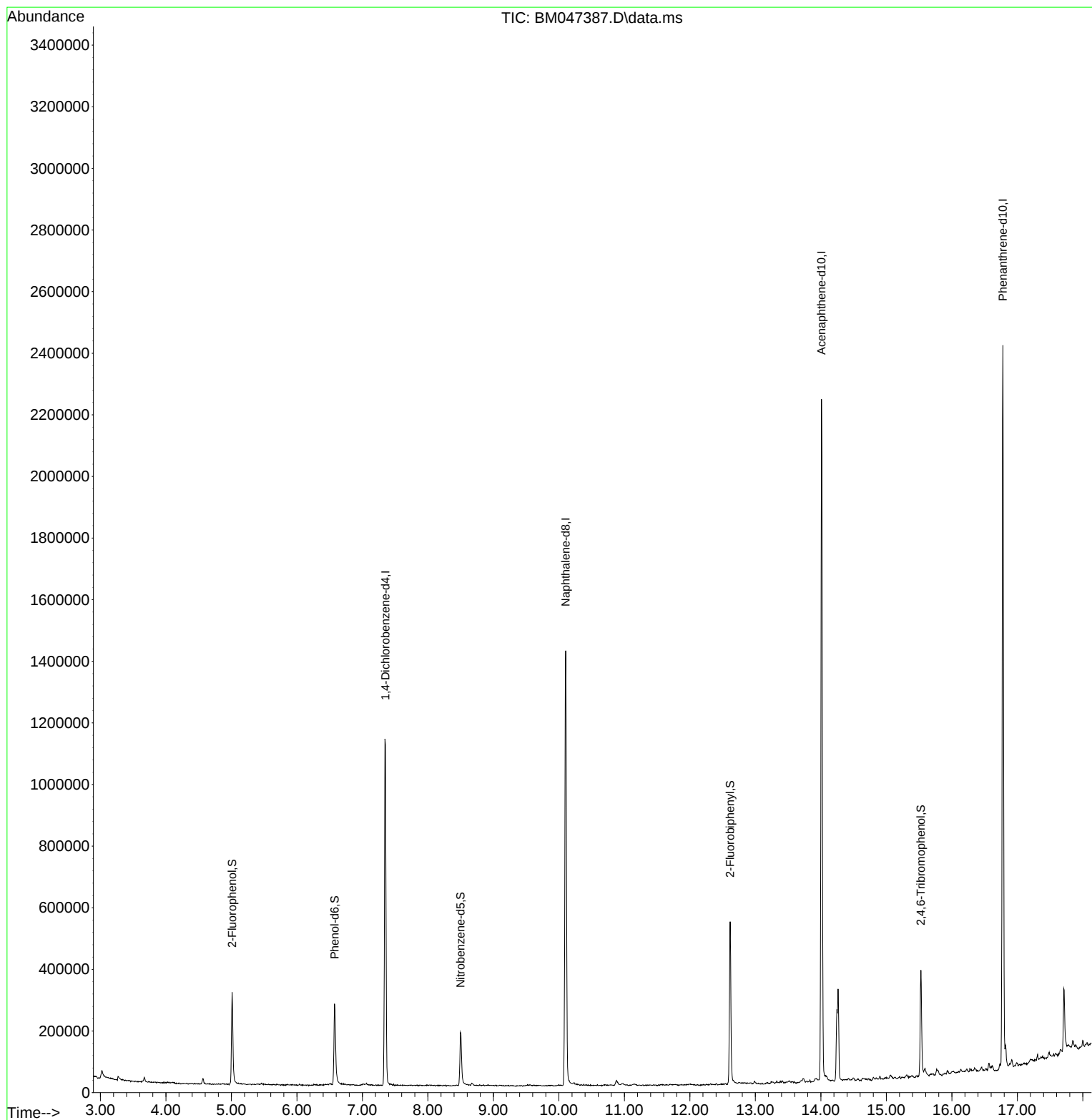
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	328886	20.000	ng	0.00
21) Naphthalene-d8	10.104	136	1231568	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	803963	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	1455273	20.000	ng	0.00
76) Chrysene-d12	21.021	240	979338	20.000	ng	0.00
86) Perylene-d12	23.727	264	1106662	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	143841	8.391	ng	0.00
7) Phenol-d6	6.575	99	186201	7.974	ng	0.00
23) Nitrobenzene-d5	8.498	82	116748	5.260	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	71139	7.334	ng	0.00
45) 2-Fluorobiphenyl	12.616	172	309442	5.914	ng	0.00
79) Terphenyl-d14	19.445	244	330375	6.005	ng	0.00
Target Compounds						
9) Benzaldehyde	6.504	77	263	Below Cal	Qvalue #	18
88) Benzo(b)fluoranthene	22.886	252	136597	2.116 ng	#	77

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

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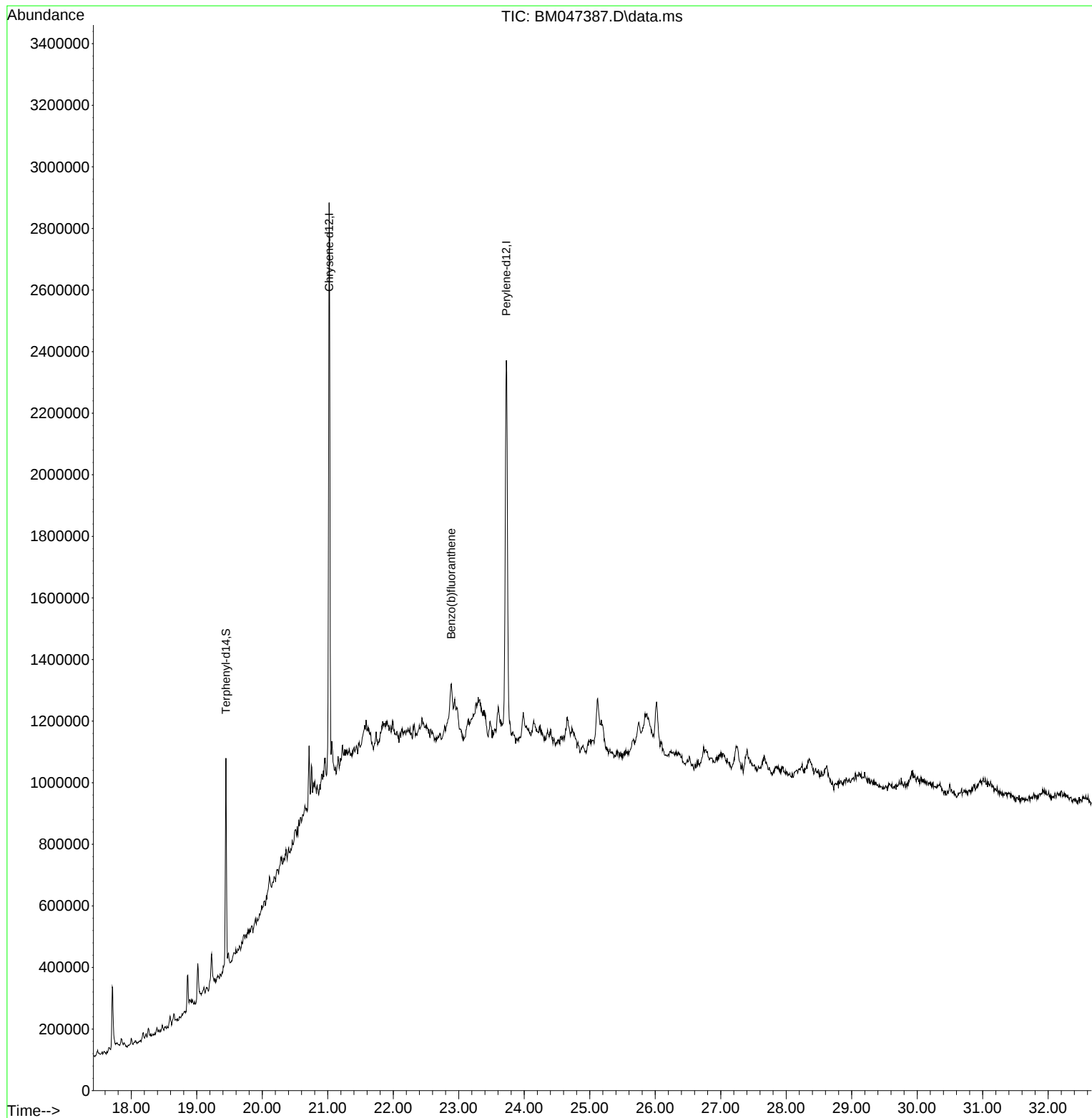
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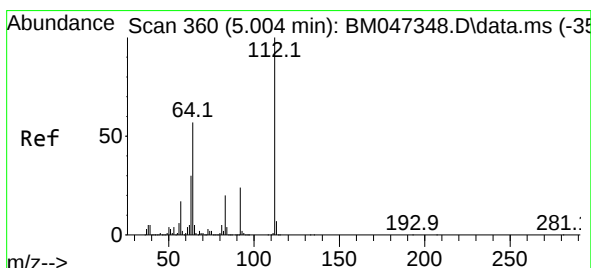
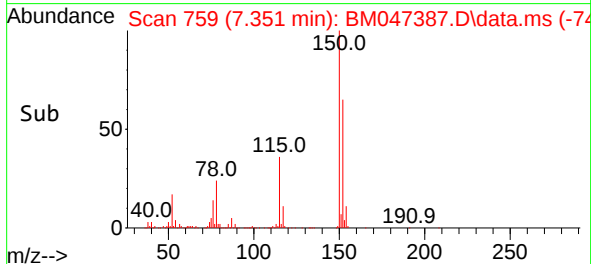
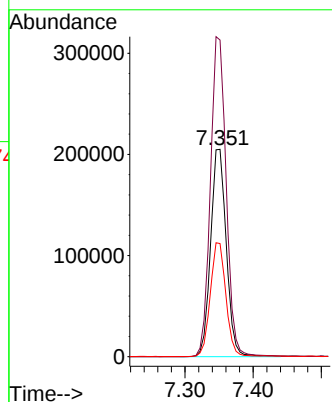
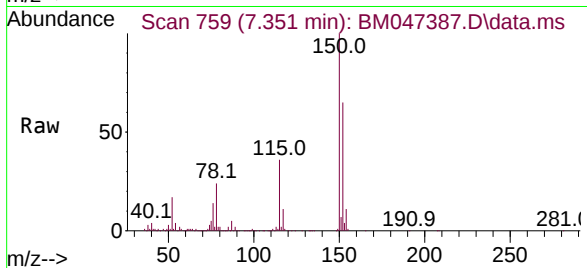




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 759
Delta R.T. 0.000 min
Lab File: BM047387.D
Acq: 28 Aug 2024 19:07

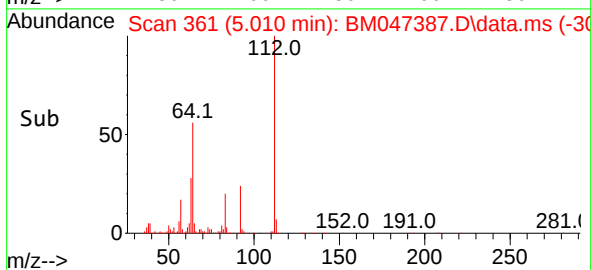
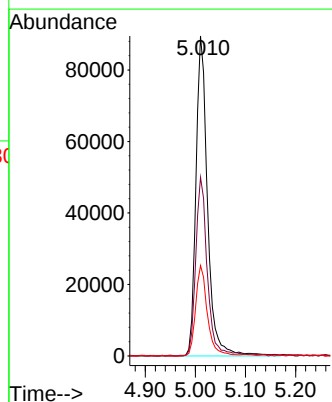
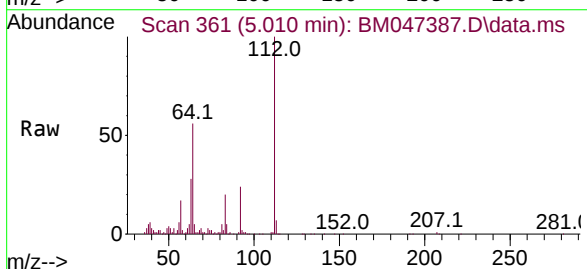
Instrument :
BNA_M
ClientSampleId :
CL-01-082624

Tgt Ion:152 Resp: 328886
Ion Ratio Lower Upper
152 100
150 152.7 121.3 181.9
115 54.6 42.6 64.0



#5
2-Fluorophenol
Concen: 8.391 ng
RT: 5.010 min Scan# 361
Delta R.T. 0.006 min
Lab File: BM047387.D
Acq: 28 Aug 2024 19:07

Tgt Ion:112 Resp: 143841
Ion Ratio Lower Upper
112 100
64 55.9 45.7 68.5
63 28.2 23.8 35.8

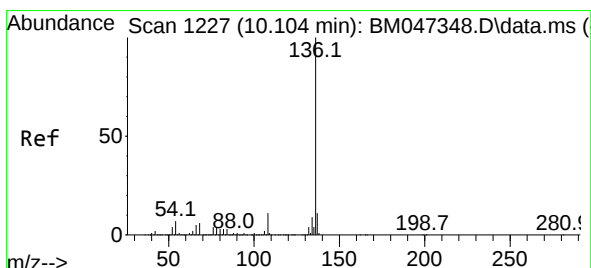
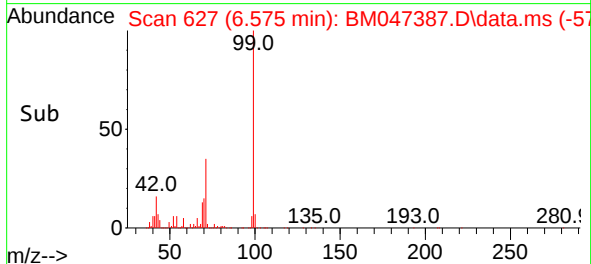
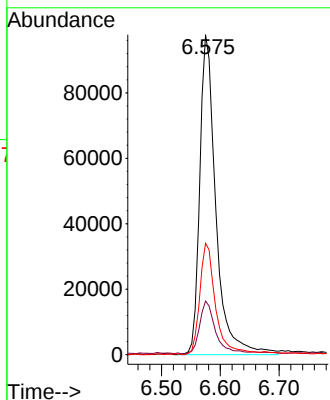
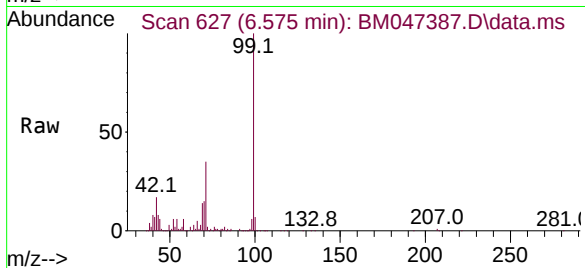




#7
Phenol-d6
Concen: 7.974 ng
RT: 6.575 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM047387.D
Acq: 28 Aug 2024 19:07

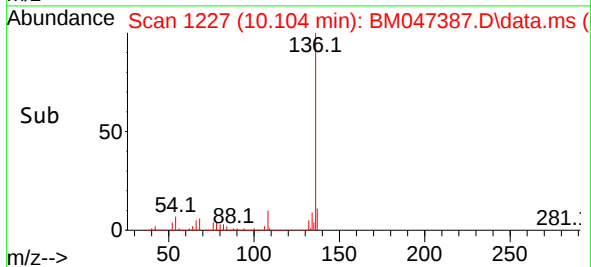
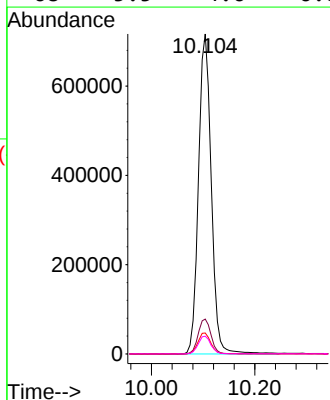
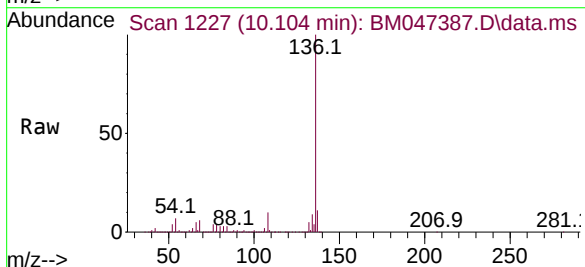
Instrument :
BNA_M
ClientSampleId :
CL-01-082624

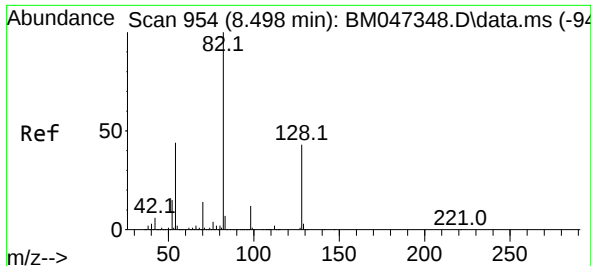
Tgt Ion: 99 Resp: 186201
Ion Ratio Lower Upper
99 100
42 16.8 13.0 19.4
71 34.8 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BM047387.D
Acq: 28 Aug 2024 19:07

Tgt Ion: 136 Resp: 1231568
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.6 5.2 7.8
68 5.5 4.6 6.8

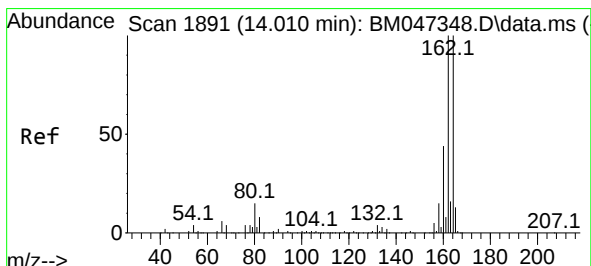
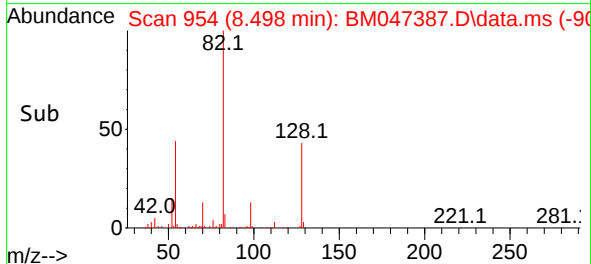
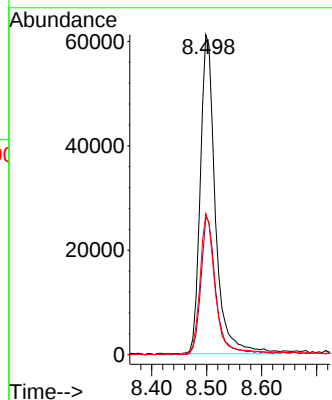
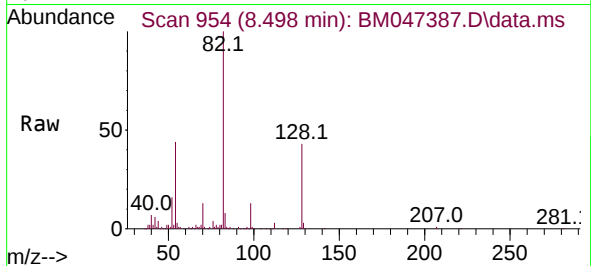




#23
Nitrobenzene-d5
Concen: 5.260 ng
RT: 8.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM047387.D
Acq: 28 Aug 2024 19:07

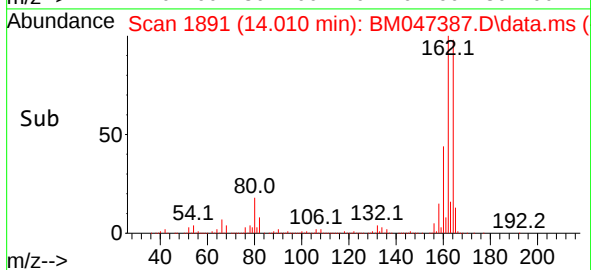
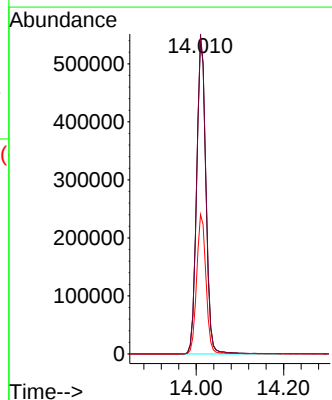
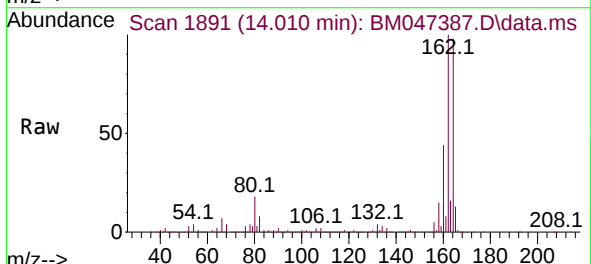
Instrument :
BNA_M
ClientSampleId :
CL-01-082624

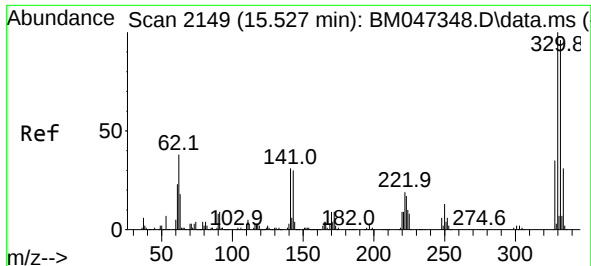
Tgt Ion: 82 Resp: 116748
Ion Ratio Lower Upper
82 100
128 43.0 34.6 51.8
54 44.1 35.5 53.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047387.D
Acq: 28 Aug 2024 19:07

Tgt Ion: 164 Resp: 803963
Ion Ratio Lower Upper
164 100
162 101.7 79.7 119.5
160 44.3 34.9 52.3

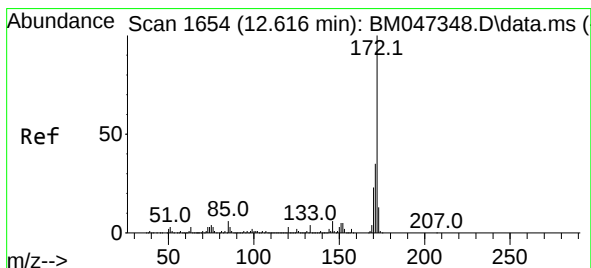
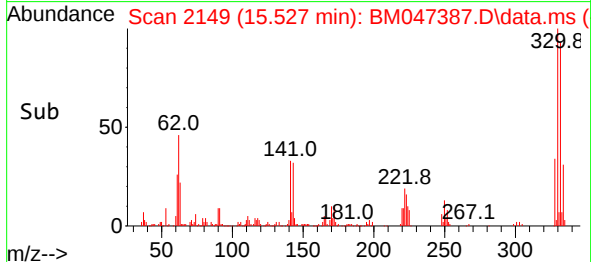
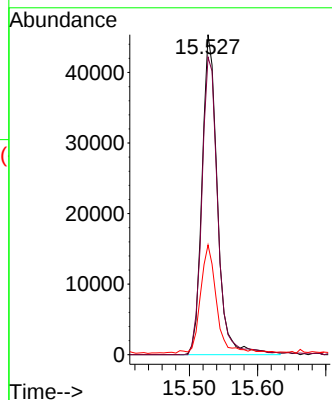
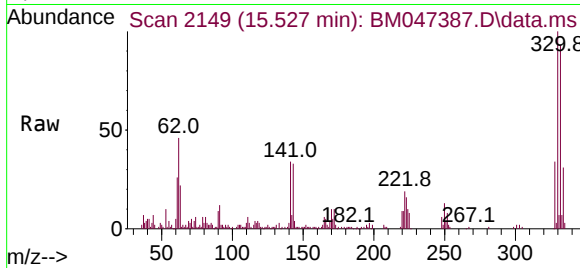




#42
2,4,6-Tribromophenol
Concen: 7.334 ng
RT: 15.527 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM047387.D
Acq: 28 Aug 2024 19:07

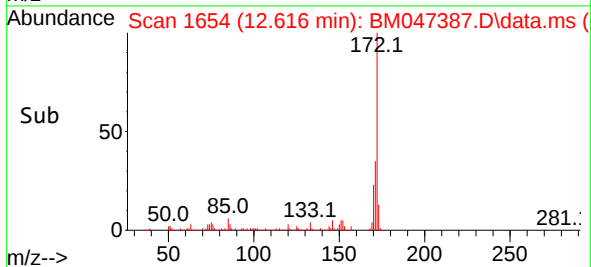
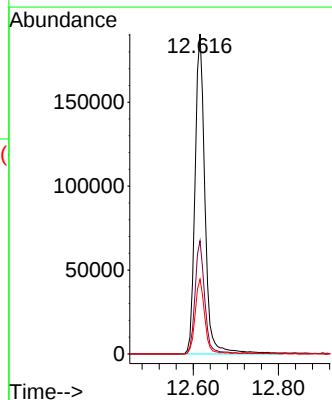
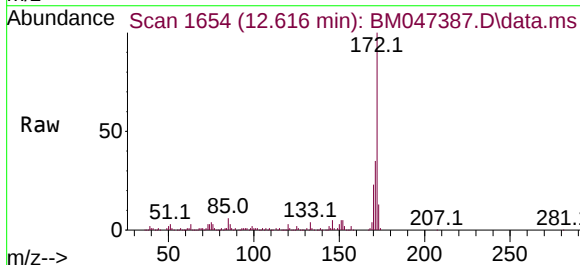
Instrument :
BNA_M
ClientSampleId :
CL-01-082624

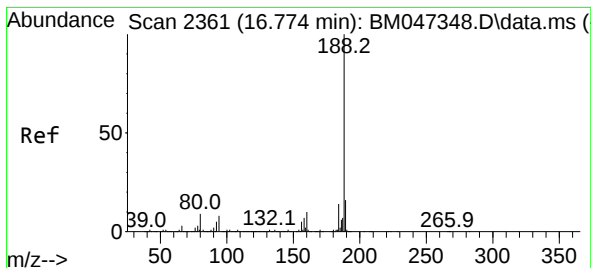
Tgt Ion:330 Resp: 71139
Ion Ratio Lower Upper
330 100
332 97.1 77.2 115.8
141 35.0 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 5.914 ng
RT: 12.616 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BM047387.D
Acq: 28 Aug 2024 19:07

Tgt Ion:172 Resp: 309442
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 23.4 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.780 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM047387.D

Acq: 28 Aug 2024 19:07

Instrument :

BNA_M

ClientSampleId :

CL-01-082624

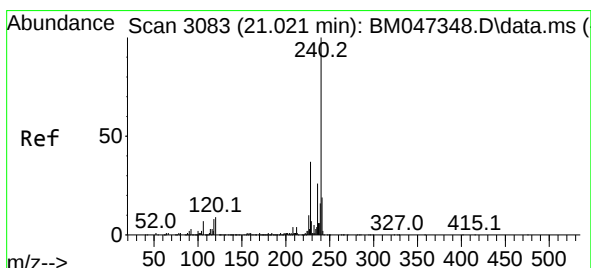
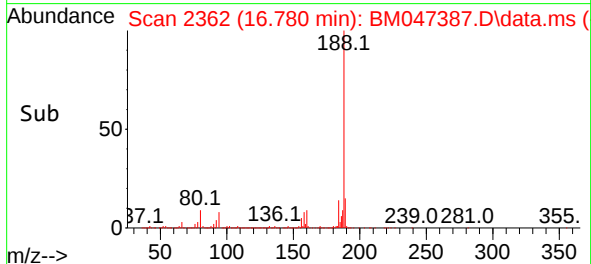
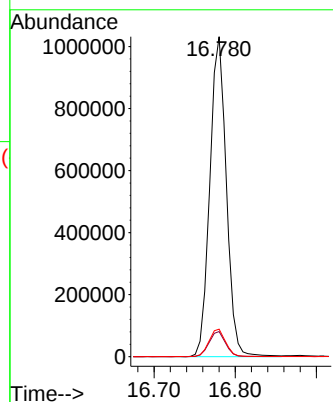
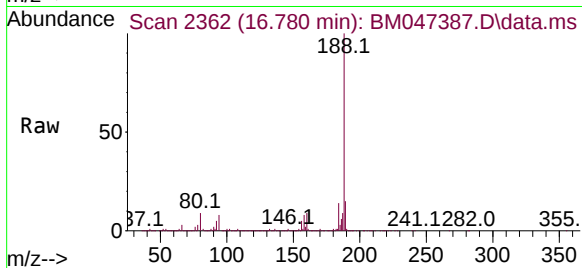
Tgt Ion:188 Resp: 1455273

Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

80 8.6 7.4 11.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3083

Delta R.T. 0.000 min

Lab File: BM047387.D

Acq: 28 Aug 2024 19:07

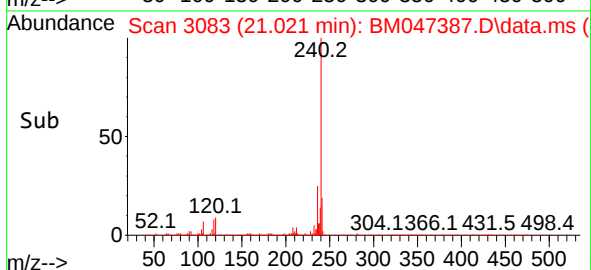
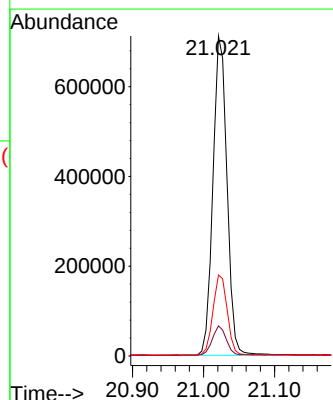
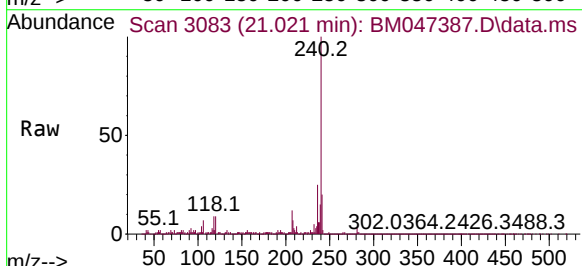
Tgt Ion:240 Resp: 979338

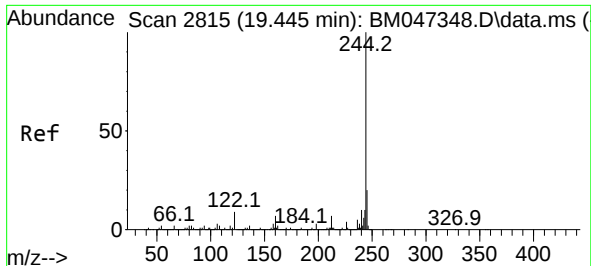
Ion Ratio Lower Upper

240 100

120 9.4 7.4 11.0

236 25.3 20.8 31.2

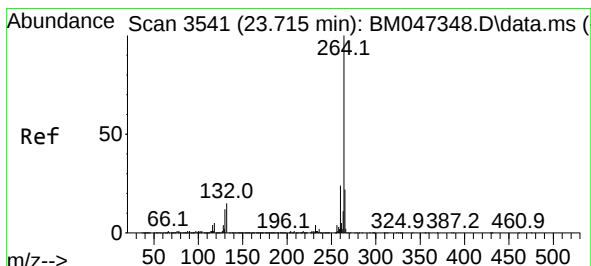
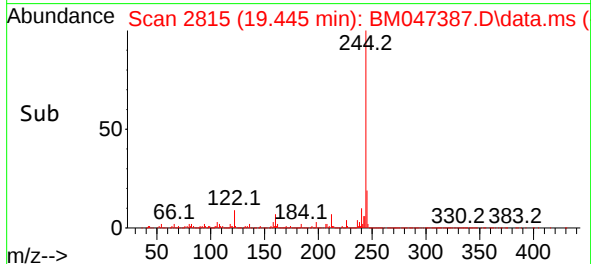
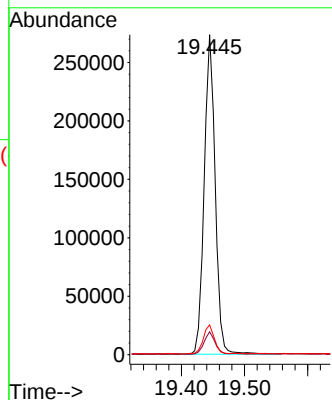
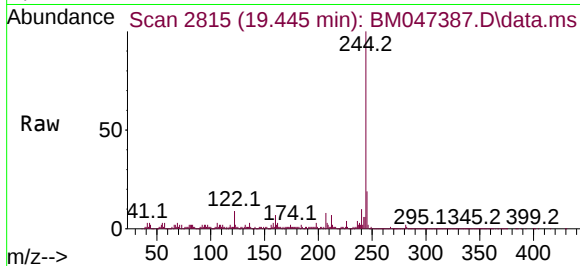




#79
Terphenyl-d14
Concen: 6.005 ng
RT: 19.445 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047387.D
Acq: 28 Aug 2024 19:07

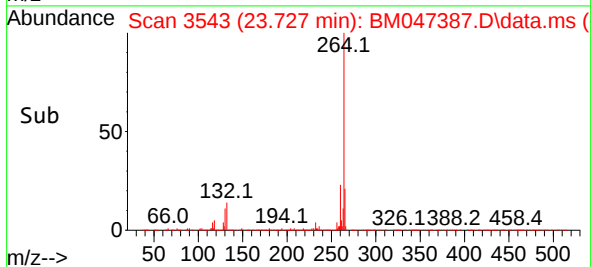
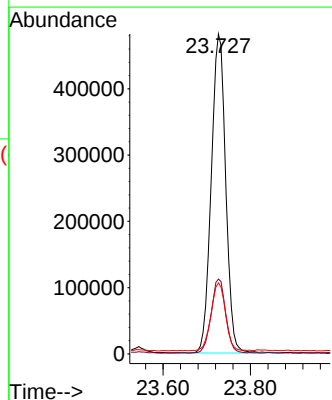
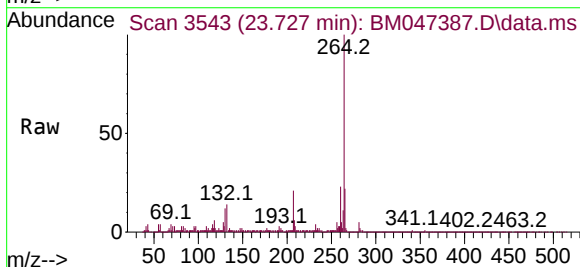
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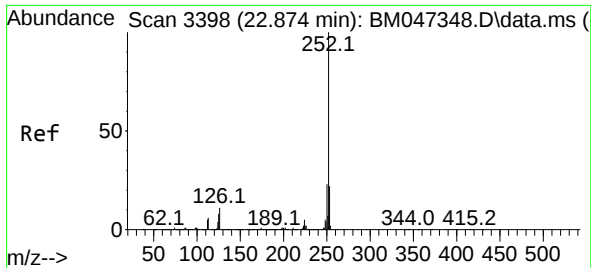
Tgt Ion:244 Resp: 330375
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 9.3 7.0 10.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.727 min Scan# 3543
Delta R.T. 0.012 min
Lab File: BM047387.D
Acq: 28 Aug 2024 19:07

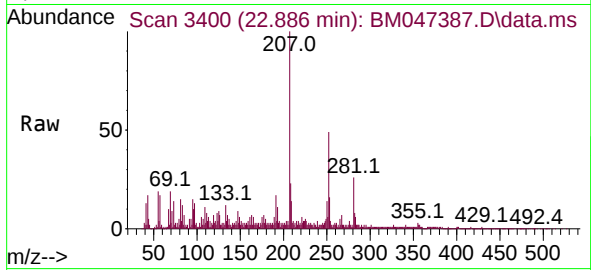
Tgt Ion:264 Resp: 1106662
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 22.2 17.8 26.6





#88
Benzo(b)fluoranthene
Concen: 2.116 ng
RT: 22.886 min Scan# 34
Delta R.T. 0.012 min
Lab File: BM047387.D
Acq: 28 Aug 2024 19:07

Instrument :
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Tgt Ion:252 Resp: 136597
Ion Ratio Lower Upper
252 100
253 32.2 17.8 26.6#
125 18.0 6.6 10.0#

