

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090424\
 Data File : BM047437.D
 Acq On : 04 Sep 2024 14:04
 Operator : RC/JU
 Sample : P3819-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OCB-CONCRETE

Quant Time: Sep 04 14:48:47 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	7.340	152	185245	20.000	ng	-0.01
21) Naphthalene-d8	10.098	136	648547	20.000	ng	0.00
39) Acenaphthene-d10	14.004	164	409819	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	780127	20.000	ng	0.00
76) Chrysene-d12	21.021	240	724248	20.000	ng	0.00
86) Perylene-d12	23.727	264	819846	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.004	112	522466	54.111	ng	0.00
7) Phenol-d6	6.569	99	903977	68.727	ng	0.00
23) Nitrobenzene-d5	8.492	82	741353	63.426	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	202484	40.952	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	1733193	64.981	ng	0.00
79) Terphenyl-d14	19.439	244	2385073	58.617	ng	0.00

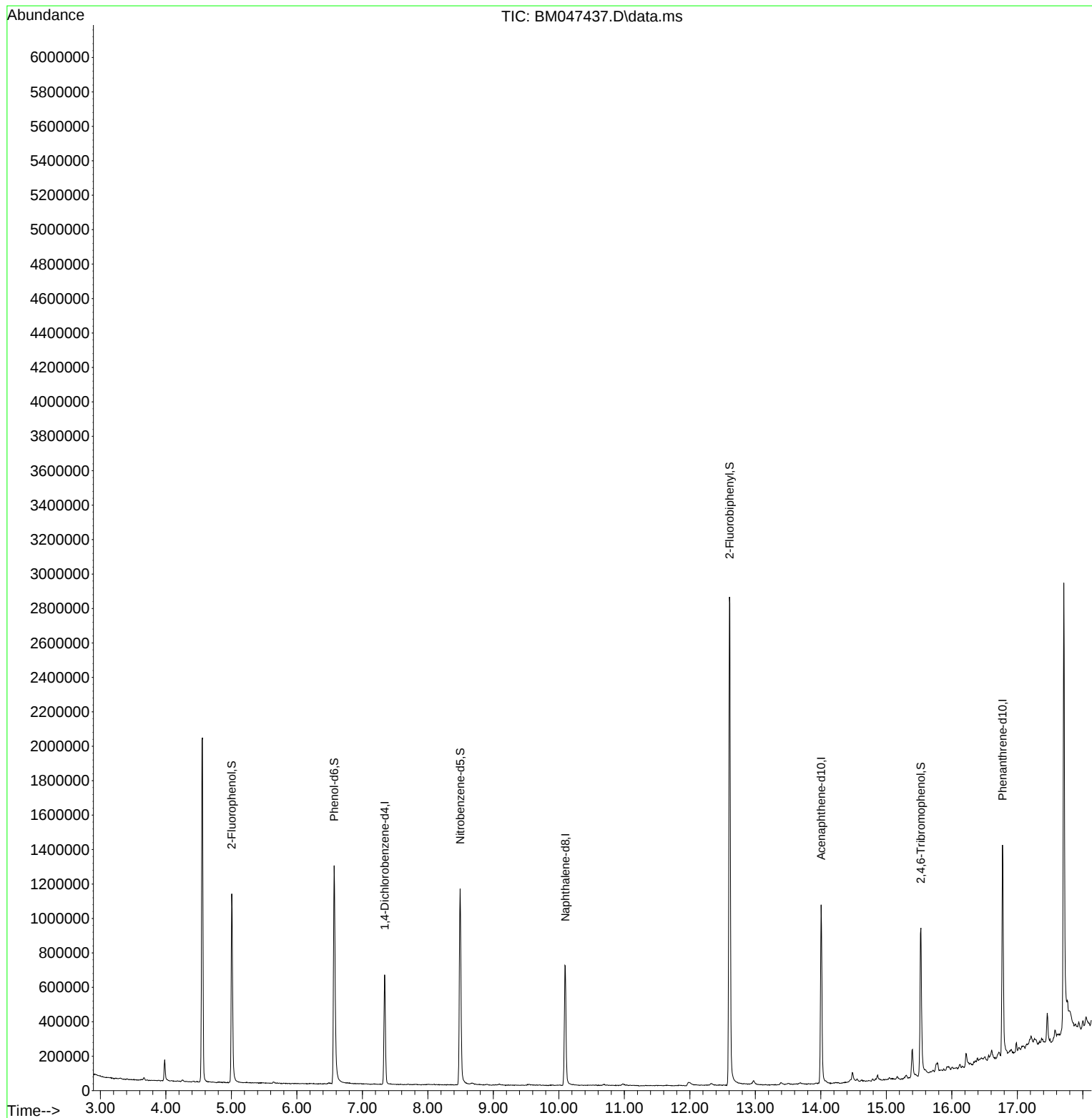
Target Compounds	Qvalue

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

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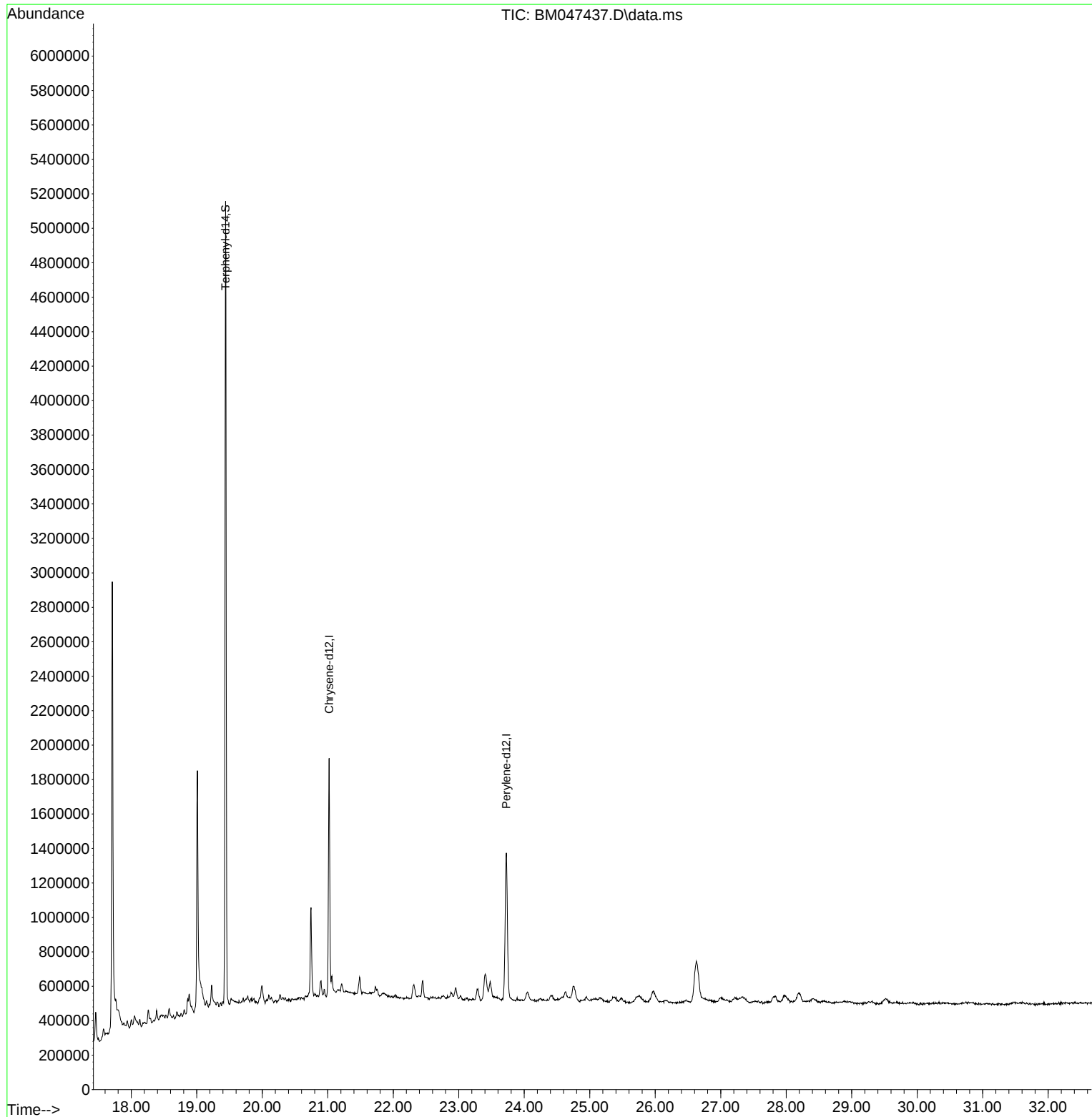
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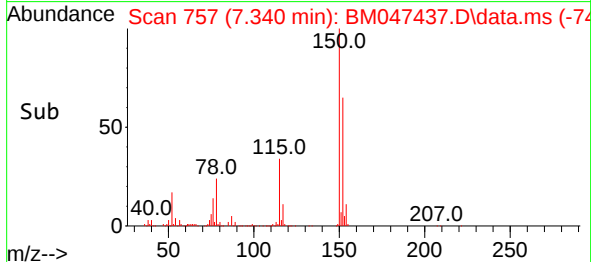
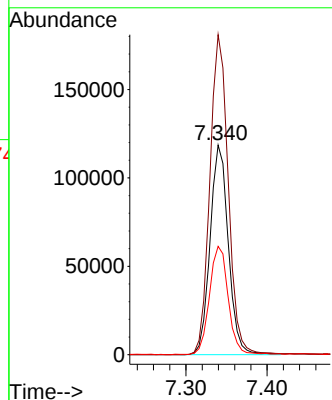
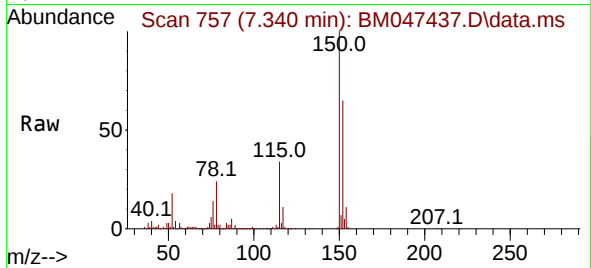




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.340 min Scan# 71
Delta R.T. -0.011 min
Lab File: BM047437.D
Acq: 04 Sep 2024 14:04

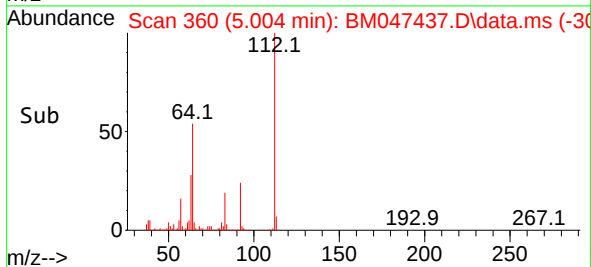
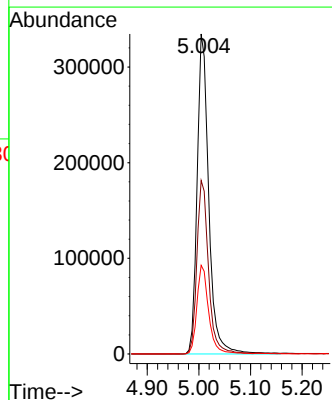
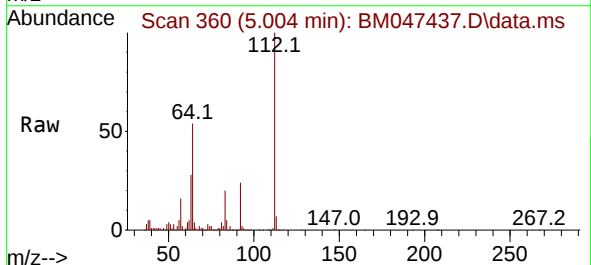
Instrument :
BNA_M
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OCB-CONCRETE

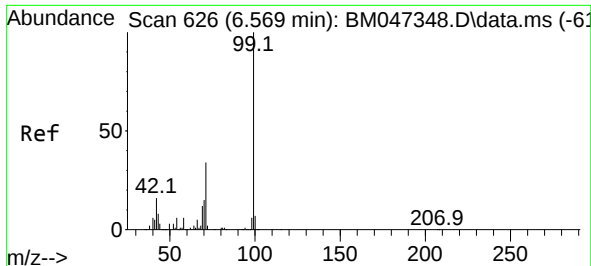
Tgt Ion:152 Resp: 185245
Ion Ratio Lower Upper
152 100
150 152.7 121.3 181.9
115 51.7 42.6 64.0



#5
2-Fluorophenol
Concen: 54.111 ng
RT: 5.004 min Scan# 360
Delta R.T. 0.000 min
Lab File: BM047437.D
Acq: 04 Sep 2024 14:04

Tgt Ion:112 Resp: 522466
Ion Ratio Lower Upper
112 100
64 54.2 45.7 68.5
63 27.7 23.8 35.8

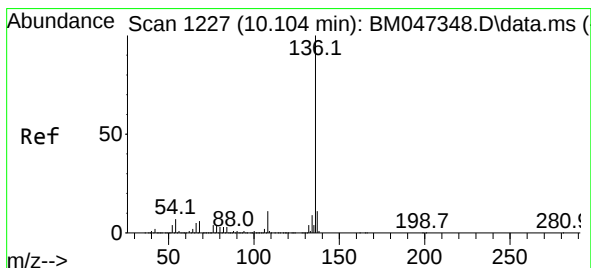
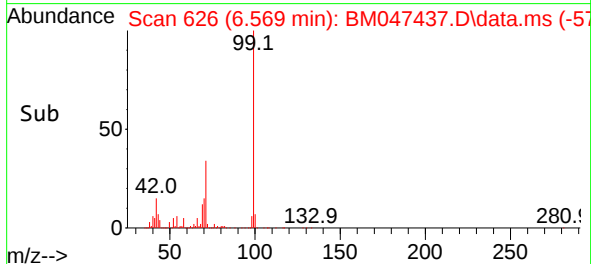
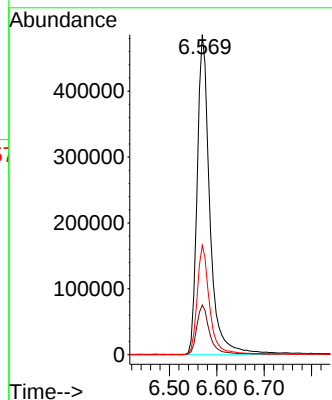
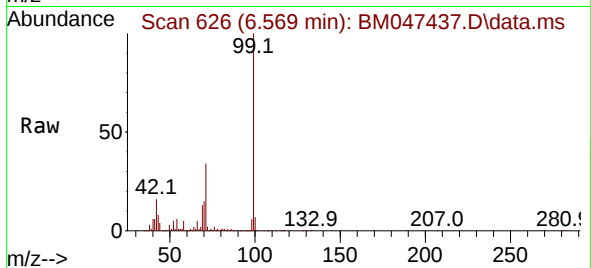




#7
Phenol-d6
Concen: 68.727 ng
RT: 6.569 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM047437.D
Acq: 04 Sep 2024 14:04

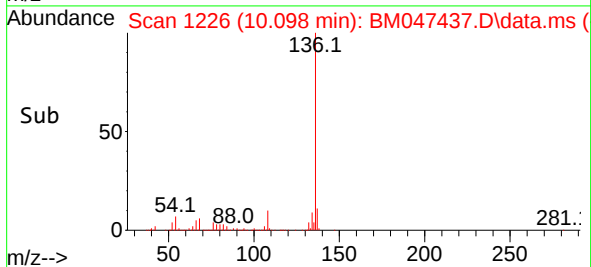
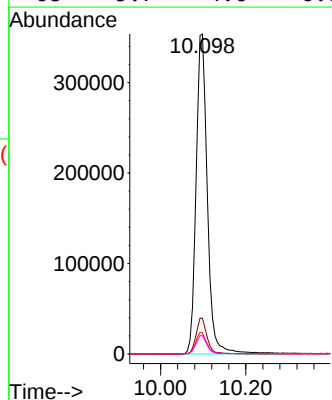
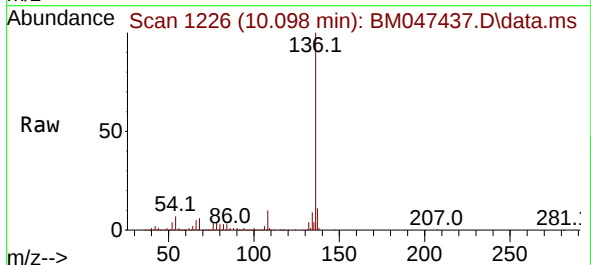
Instrument :
BNA_M
ClientSampleId :
OCB-CONCRETE

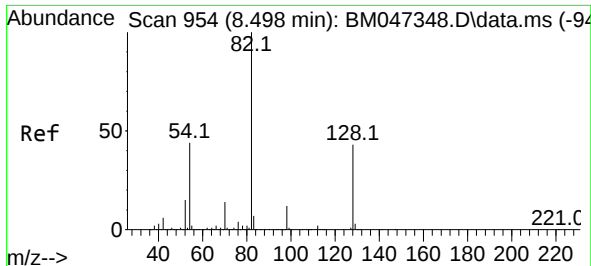
Tgt Ion: 99 Resp: 903977
Ion Ratio Lower Upper
99 100
42 15.5 13.0 19.4
71 34.2 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BM047437.D
Acq: 04 Sep 2024 14:04

Tgt Ion: 136 Resp: 648547
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.6 5.2 7.8
68 5.7 4.6 6.8

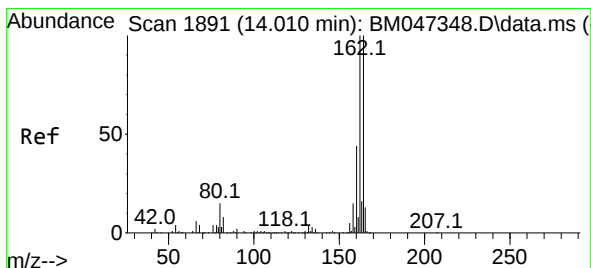
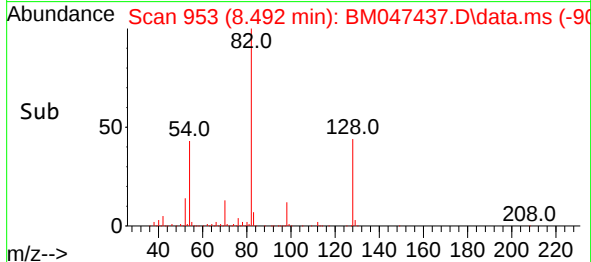
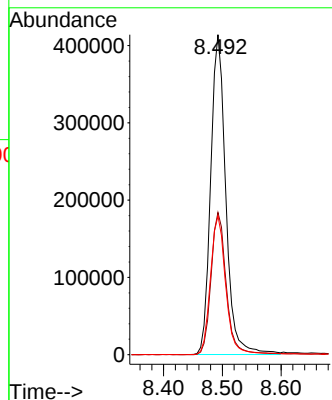
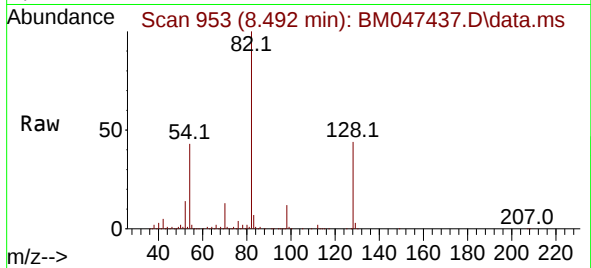




#23
Nitrobenzene-d5
Concen: 63.426 ng
RT: 8.492 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047437.D
Acq: 04 Sep 2024 14:04

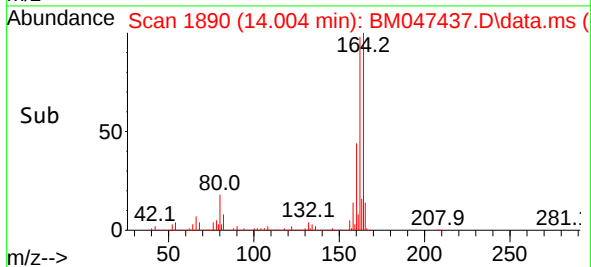
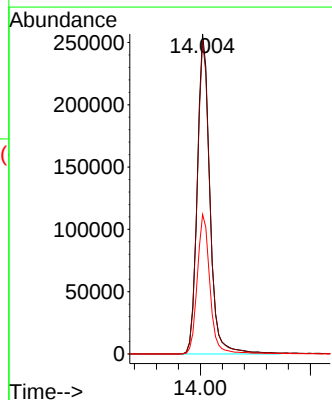
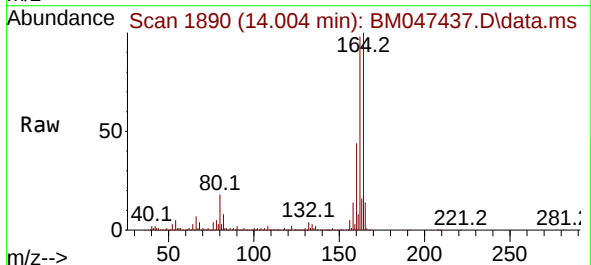
Instrument :
BNA_M
ClientSampleId :
OCB-CONCRETE

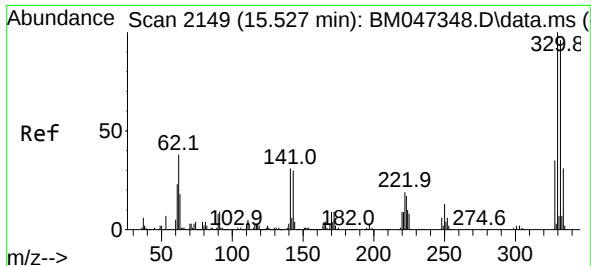
Tgt Ion: 82 Resp: 741353
Ion Ratio Lower Upper
82 100
128 44.4 34.6 51.8
54 43.3 35.5 53.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.004 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BM047437.D
Acq: 04 Sep 2024 14:04

Tgt Ion: 164 Resp: 409819
Ion Ratio Lower Upper
164 100
162 98.0 79.7 119.5
160 43.6 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 40.952 ng

RT: 15.527 min Scan# 2149

Delta R.T. 0.000 min

Lab File: BM047437.D

Acq: 04 Sep 2024 14:04

Instrument :

BNA_M

ClientSampleId :

OCB-CONCRETE

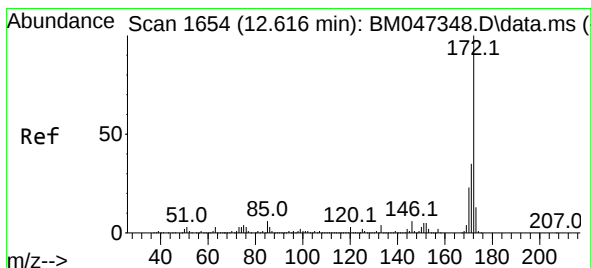
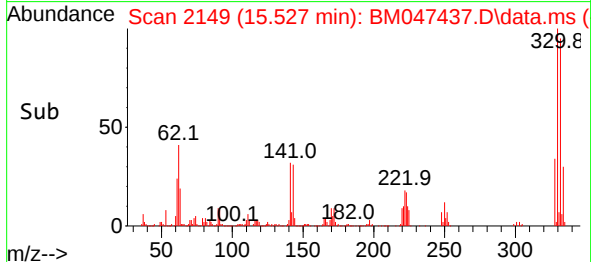
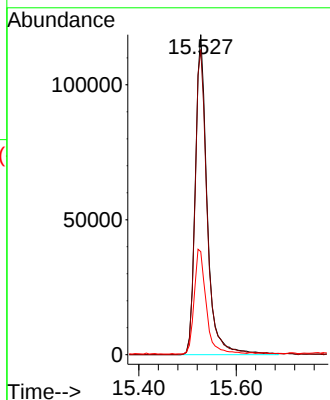
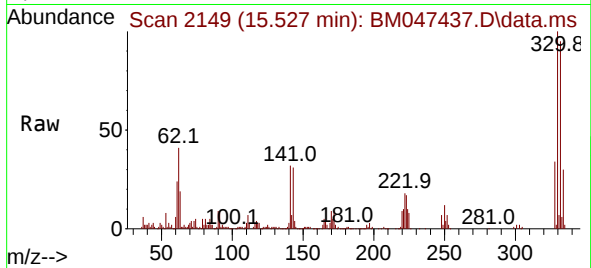
Tgt Ion:330 Resp: 202484

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

141 33.0 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 64.981 ng

RT: 12.610 min Scan# 1653

Delta R.T. -0.006 min

Lab File: BM047437.D

Acq: 04 Sep 2024 14:04

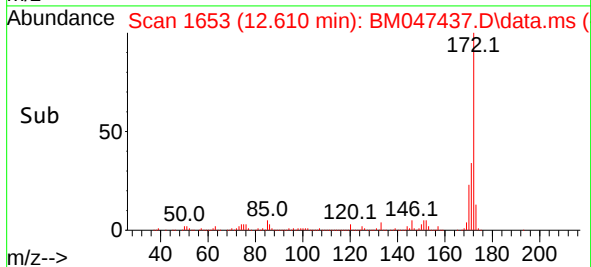
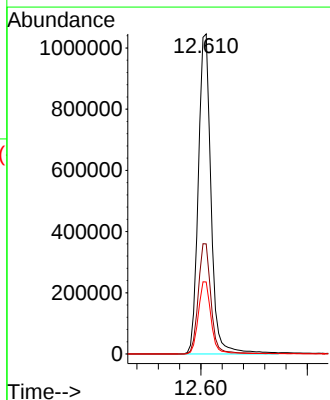
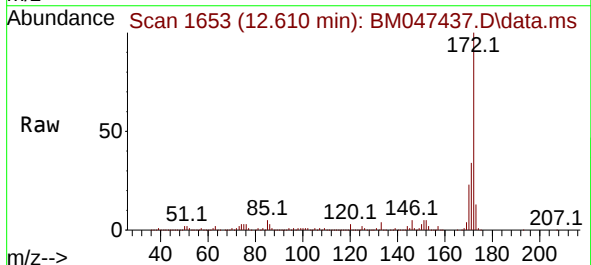
Tgt Ion:172 Resp: 1733193

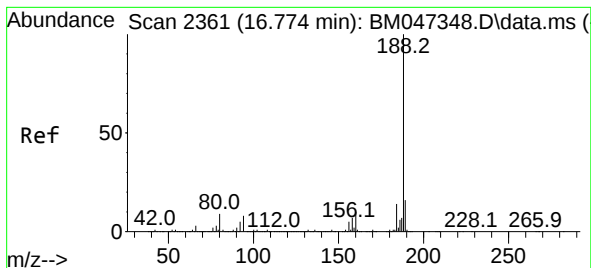
Ion Ratio Lower Upper

172 100

171 34.4 27.8 41.6

170 22.5 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: BM047437.D

Acq: 04 Sep 2024 14:04

Instrument :

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ClientSampleId :

OCB-CONCRETE

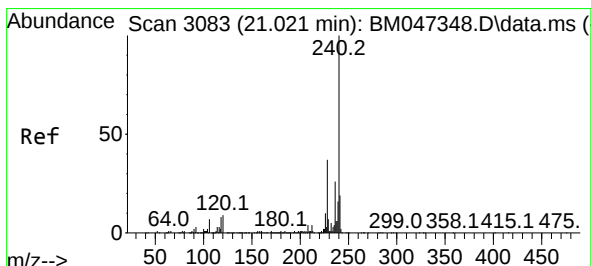
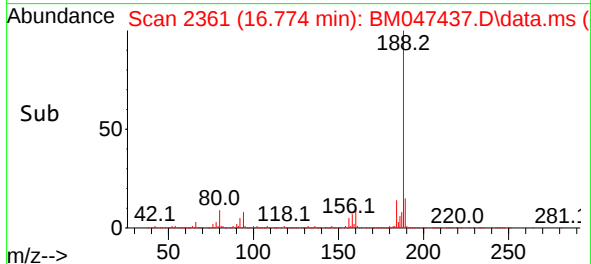
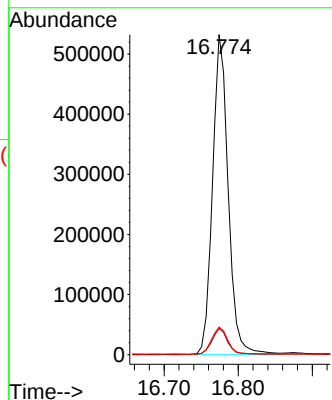
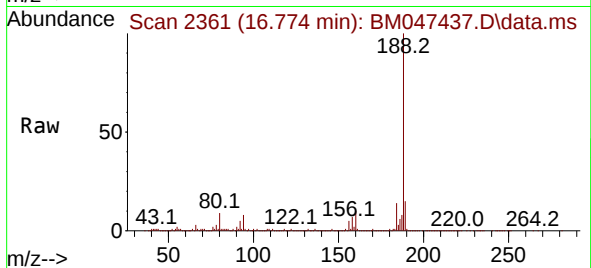
Tgt Ion:188 Resp: 780127

Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 8.7 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: BM047437.D

Acq: 04 Sep 2024 14:04

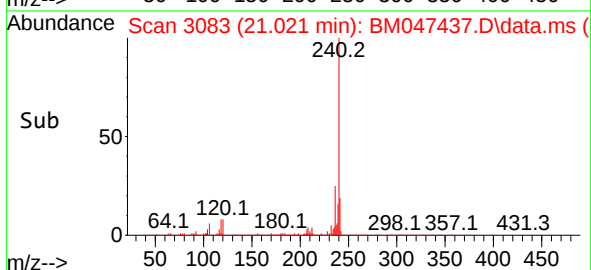
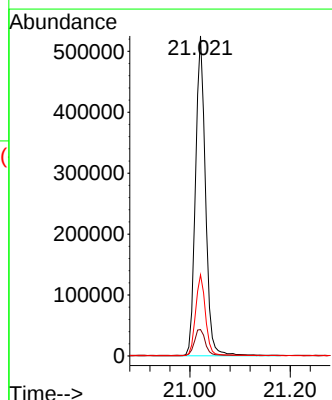
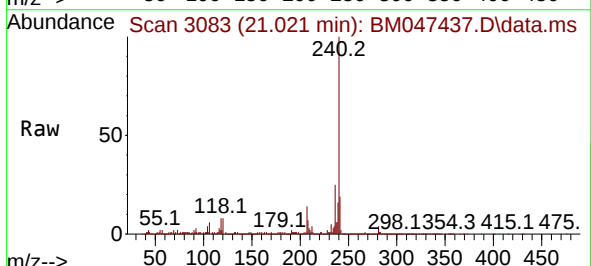
Tgt Ion:240 Resp: 724248

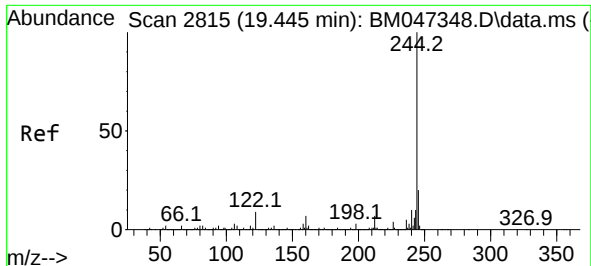
Ion Ratio Lower Upper

240 100

120 8.2 7.4 11.0

236 25.3 20.8 31.2

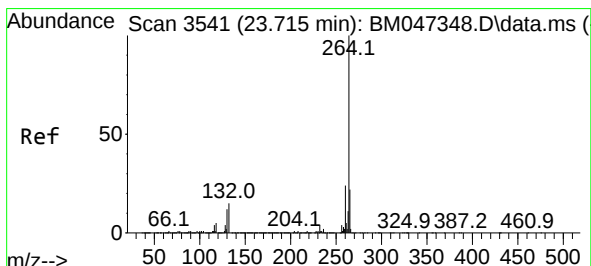
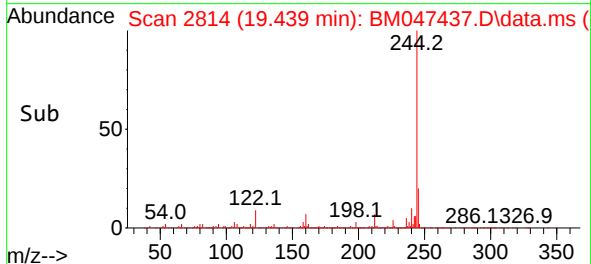
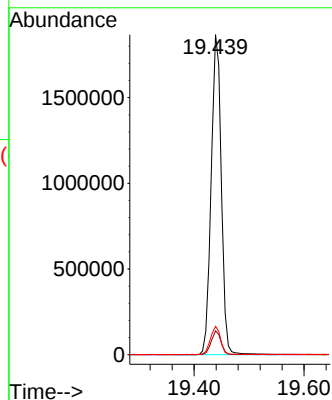
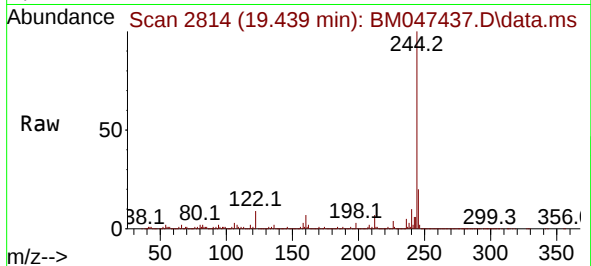




#79
 Terphenyl-d14
 Concen: 58.617 ng
 RT: 19.439 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047437.D
 Acq: 04 Sep 2024 14:04

Instrument :
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 ClientSampleId :
 OCB-CONCRETE

Tgt Ion:244 Resp: 2385073
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 8.9 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: BM047437.D
 Acq: 04 Sep 2024 14:04

Tgt Ion:264 Resp: 819846
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.4
 265 22.5 17.8 26.6

