

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090424\
 Data File : BM047435.D
 Acq On : 04 Sep 2024 12:40
 Operator : RC/JU
 Sample : PB163146BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 04 13:33:32 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)

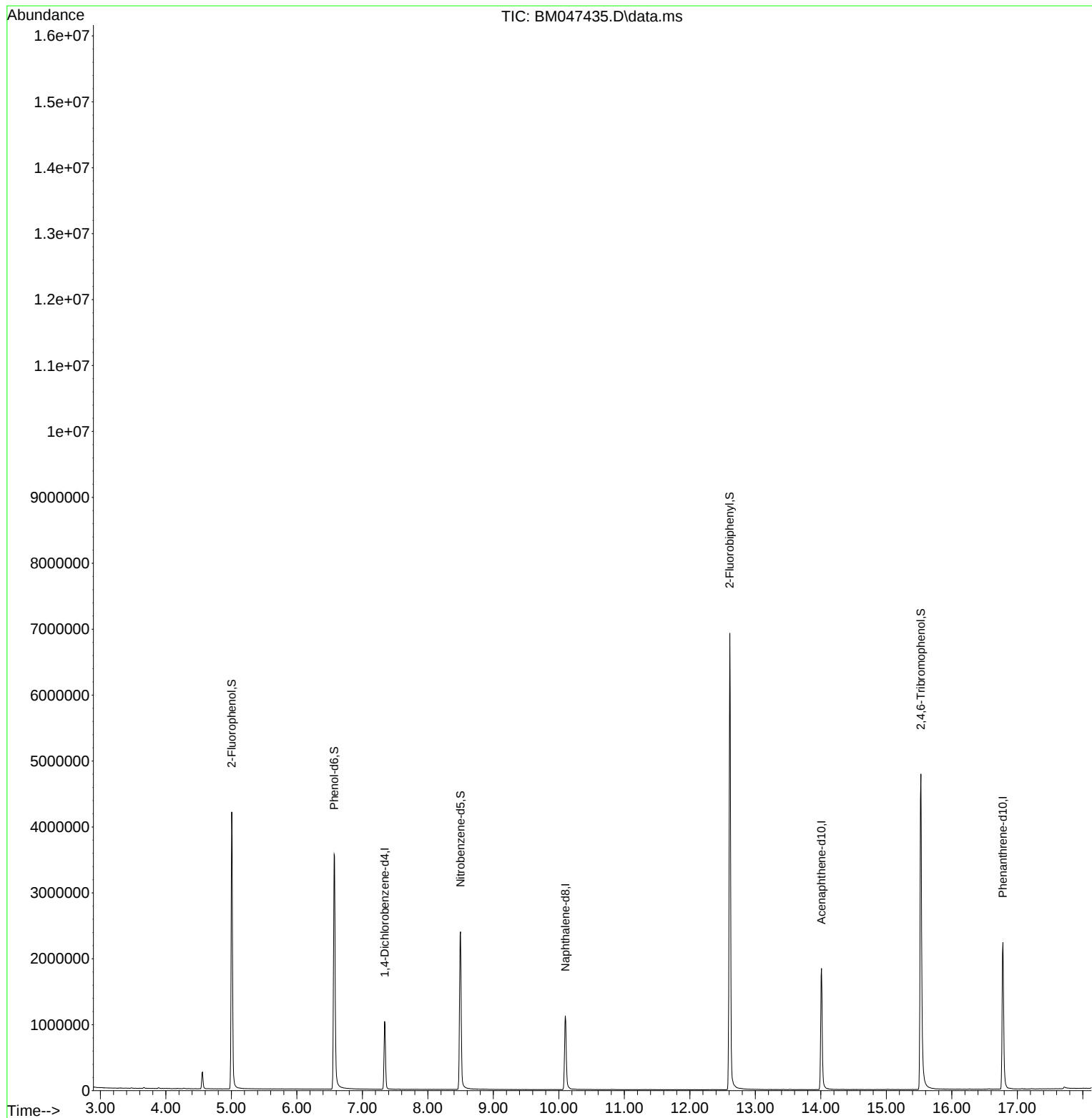
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.340	152	302461	20.000	ng	-0.01
21) Naphthalene-d8	10.098	136	1106840	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	770182	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	1676509	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1478245	20.000	ng	0.00
86) Perylene-d12	23.733	264	1444835	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.004	112	1942483	123.215	ng	0.00
7) Phenol-d6	6.569	99	2473365	115.168	ng	0.00
23) Nitrobenzene-d5	8.498	82	1601615	80.289	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	1181323	127.132	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	4018756	80.174	ng	0.00
79) Terphenyl-d14	19.445	244	6688726	80.539	ng	0.00
Target Compounds						
9) Benzaldehyde	6.504	77	501	Below Cal	Qvalue #	16

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

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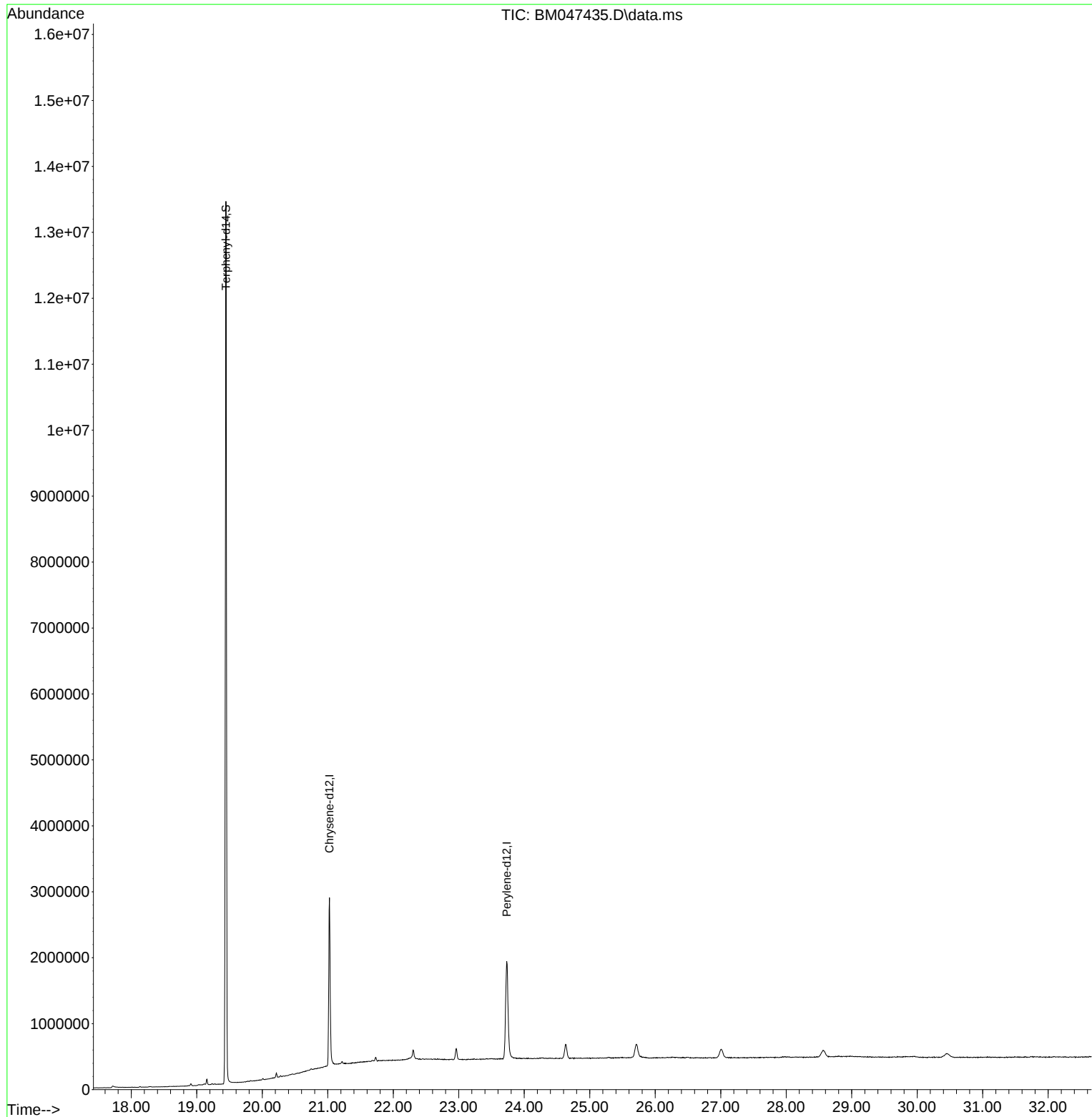
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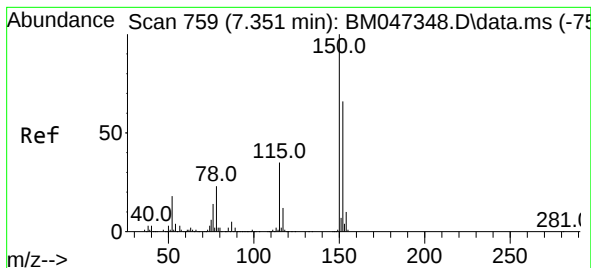


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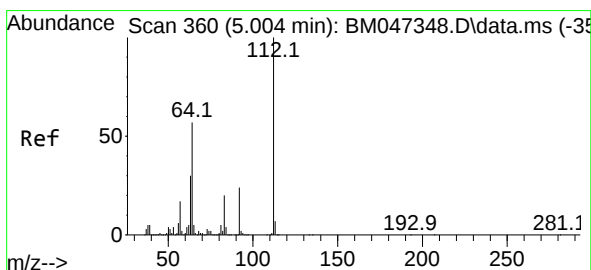
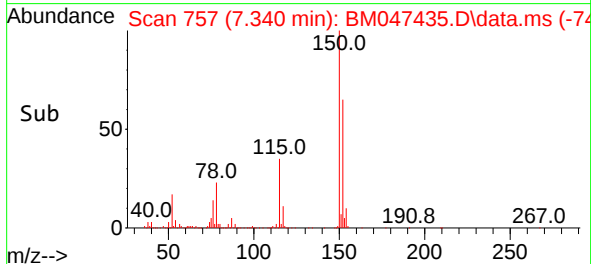
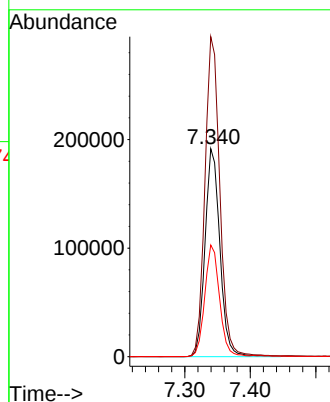
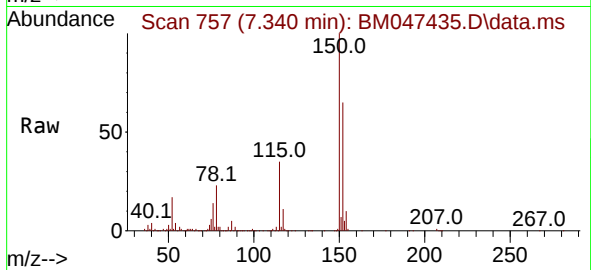




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.340 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BM047435.D
 Acq: 04 Sep 2024 12:40

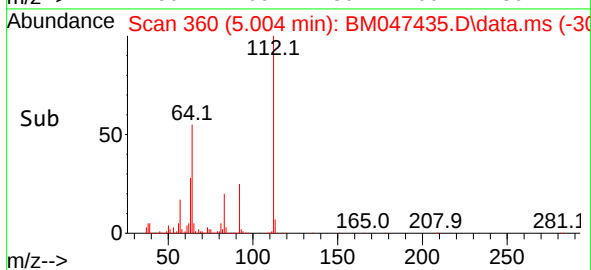
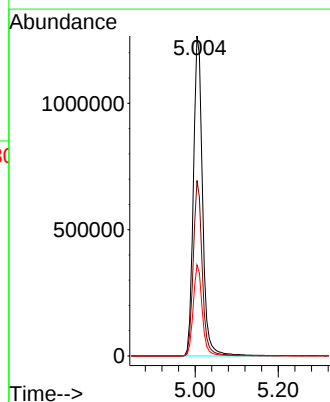
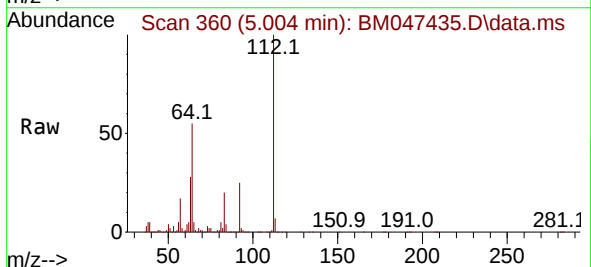
Instrument :
 BNA_M
 ClientSampleId :

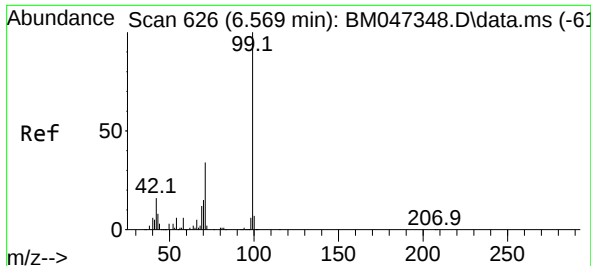
Tgt Ion:152 Resp: 302461
 Ion Ratio Lower Upper
 152 100
 150 153.8 121.3 181.9
 115 53.7 42.6 64.0



#5
 2-Fluorophenol
 Concen: 123.215 ng
 RT: 5.004 min Scan# 360
 Delta R.T. 0.000 min
 Lab File: BM047435.D
 Acq: 04 Sep 2024 12:40

Tgt Ion:112 Resp: 1942483
 Ion Ratio Lower Upper
 112 100
 64 54.8 45.7 68.5
 63 28.5 23.8 35.8

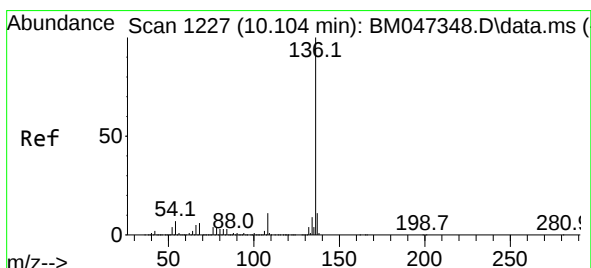
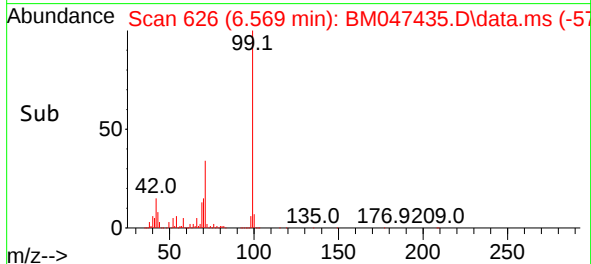
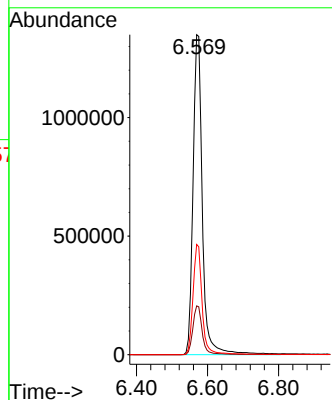
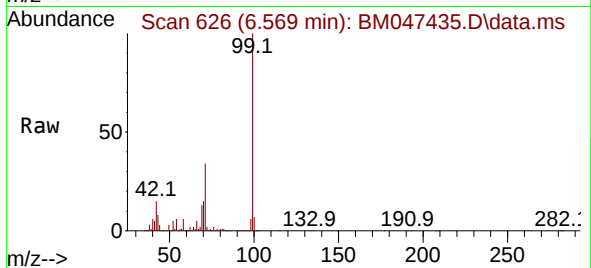




#7
Phenol-d6
Concen: 115.168 ng
RT: 6.569 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM047435.D
Acq: 04 Sep 2024 12:40

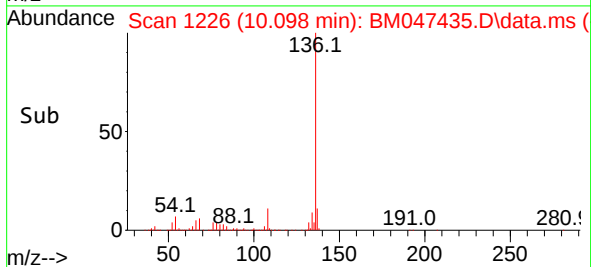
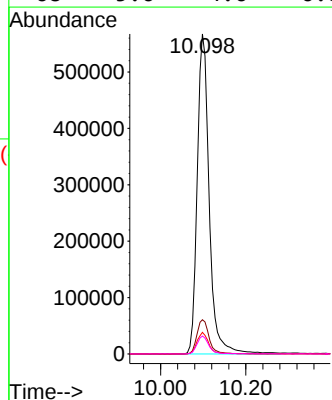
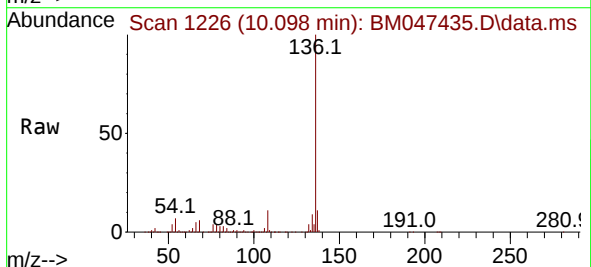
Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 2473365
Ion Ratio Lower Upper
99 100
42 15.3 13.0 19.4
71 34.5 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: BM047435.D
Acq: 04 Sep 2024 12:40

Tgt Ion:136 Resp: 1106840
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.8 5.2 7.8
68 5.6 4.6 6.8

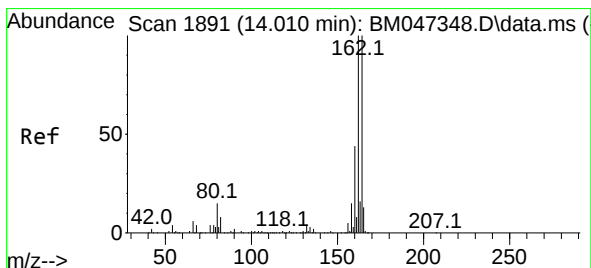
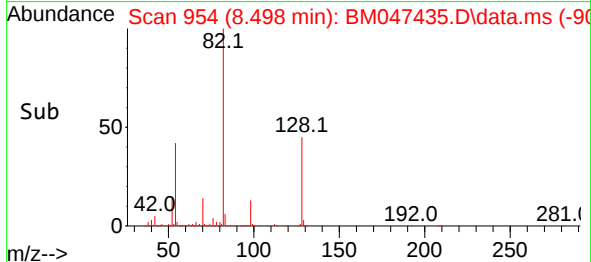
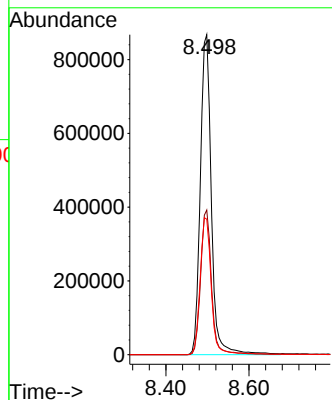
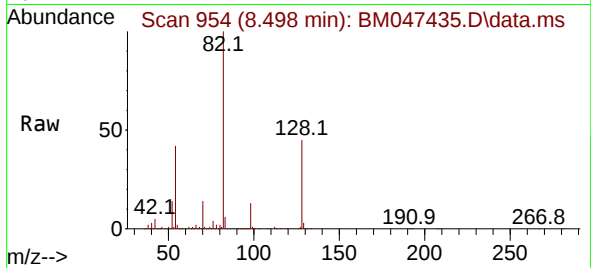




#23
Nitrobenzene-d5
Concen: 80.289 ng
RT: 8.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM047435.D
Acq: 04 Sep 2024 12:40

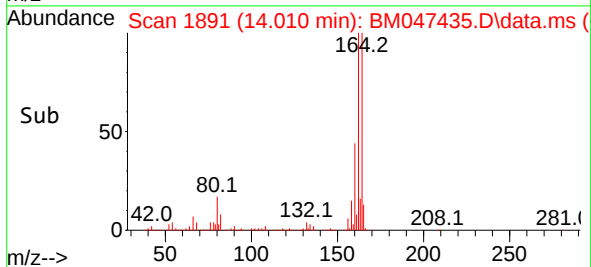
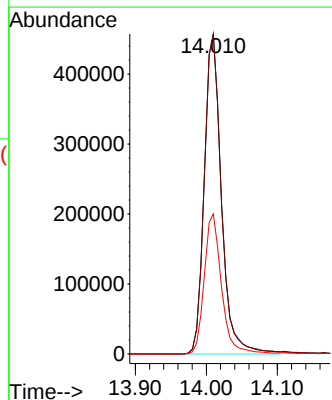
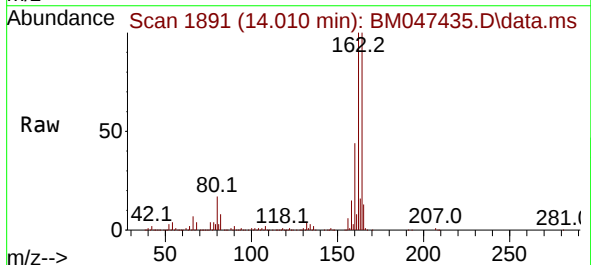
Instrument :
BNA_M
ClientSampleId :

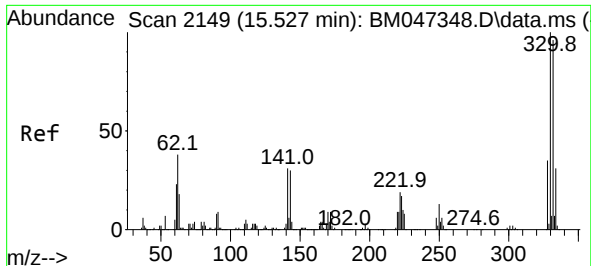
Tgt Ion: 82 Resp: 1601615
Ion Ratio Lower Upper
82 100
128 45.2 34.6 51.8
54 42.3 35.5 53.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047435.D
Acq: 04 Sep 2024 12:40

Tgt Ion:164 Resp: 770182
Ion Ratio Lower Upper
164 100
162 99.6 79.7 119.5
160 43.8 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 127.132 ng

RT: 15.527 min Scan# 2149

Delta R.T. 0.000 min

Lab File: BM047435.D

Acq: 04 Sep 2024 12:40

Instrument :

BNA_M

ClientSampleId :

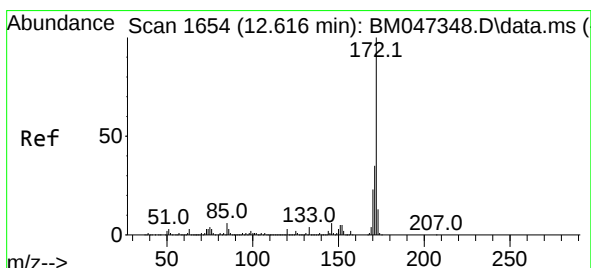
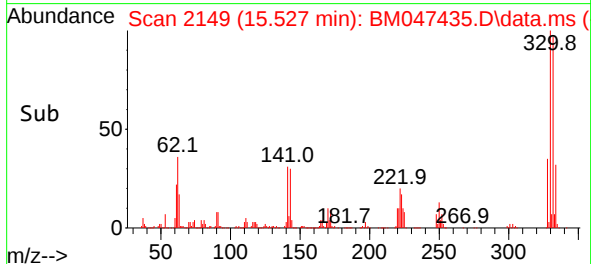
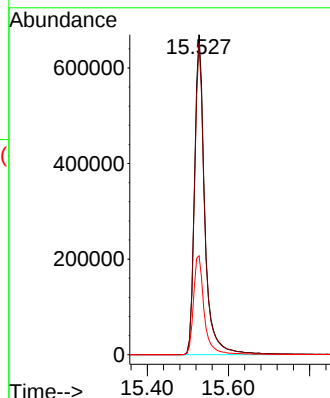
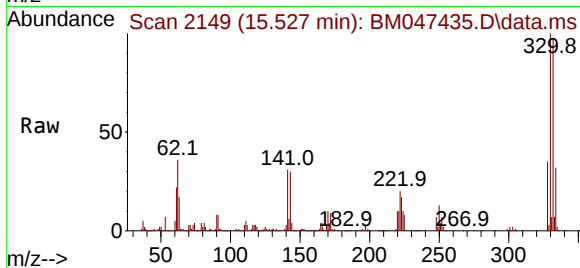
Tgt Ion:330 Resp: 1181323

Ion Ratio Lower Upper

330 100

332 97.0 77.2 115.8

141 32.4 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 80.174 ng

RT: 12.610 min Scan# 1653

Delta R.T. -0.006 min

Lab File: BM047435.D

Acq: 04 Sep 2024 12:40

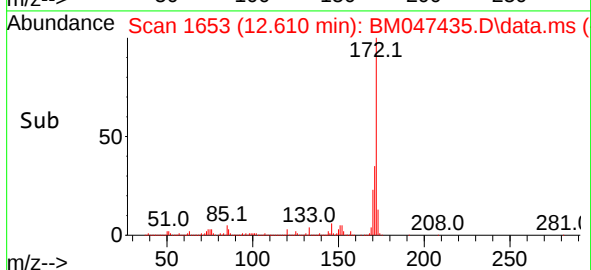
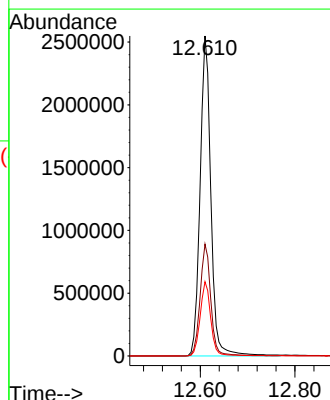
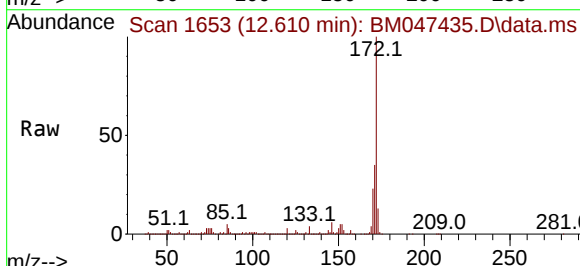
Tgt Ion:172 Resp: 4018756

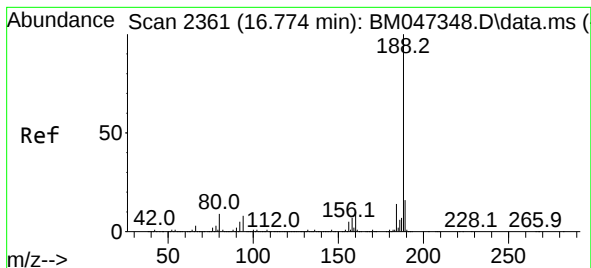
Ion Ratio Lower Upper

172 100

171 34.9 27.8 41.6

170 23.2 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: BM047435.D

Acq: 04 Sep 2024 12:40

Instrument :

BNA_M

ClientSampleId :

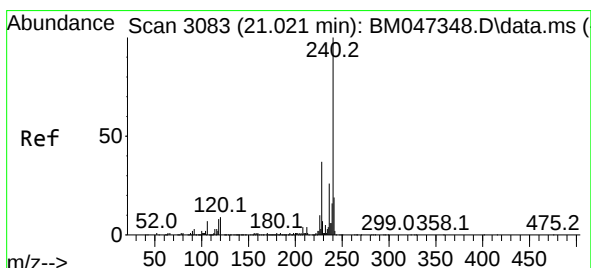
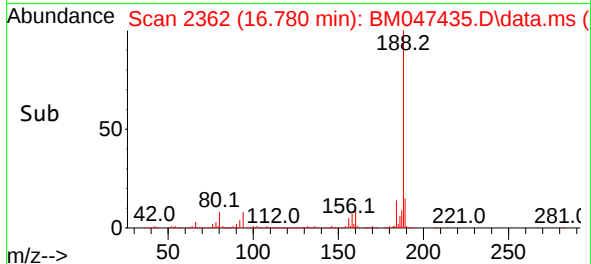
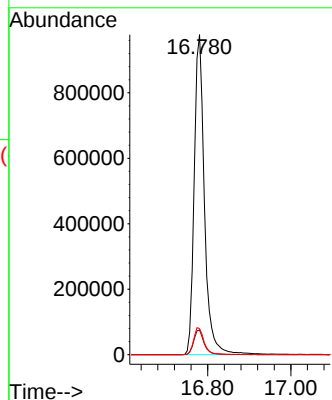
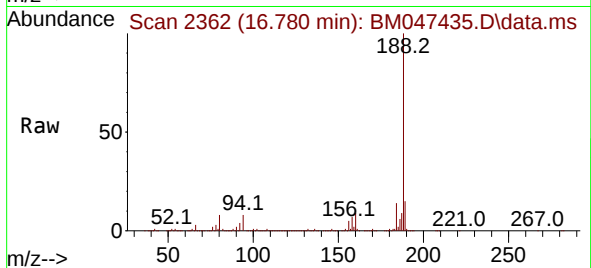
Tgt Ion:188 Resp: 1676509

Ion Ratio Lower Upper

188 100

94 7.7 6.4 9.6

80 8.2 7.4 11.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.027 min Scan# 3084

Delta R.T. 0.006 min

Lab File: BM047435.D

Acq: 04 Sep 2024 12:40

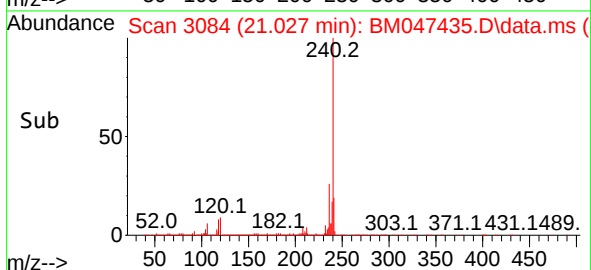
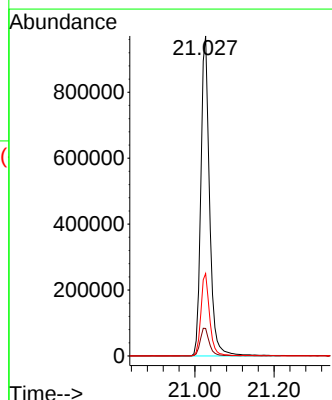
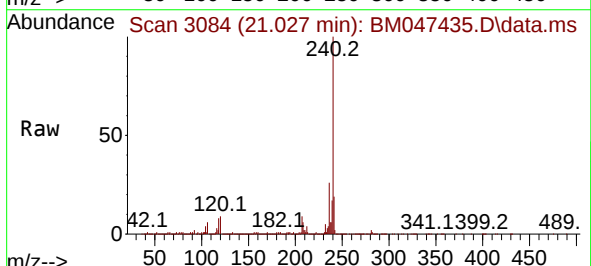
Tgt Ion:240 Resp: 1478245

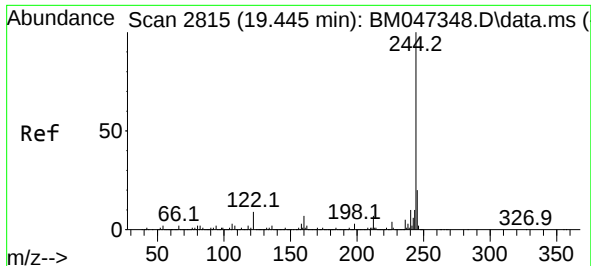
Ion Ratio Lower Upper

240 100

120 8.6 7.4 11.0

236 25.8 20.8 31.2

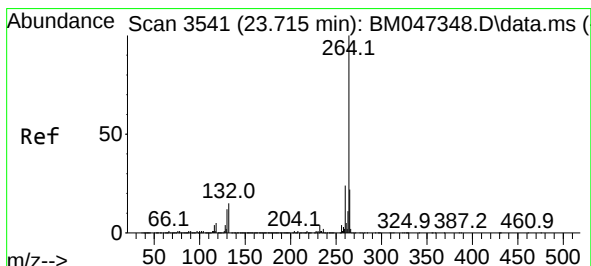
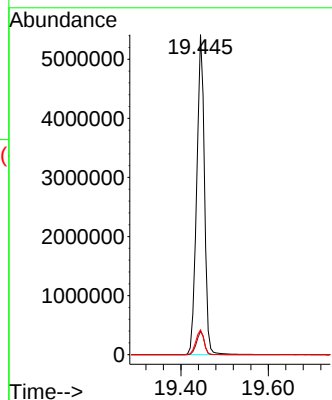
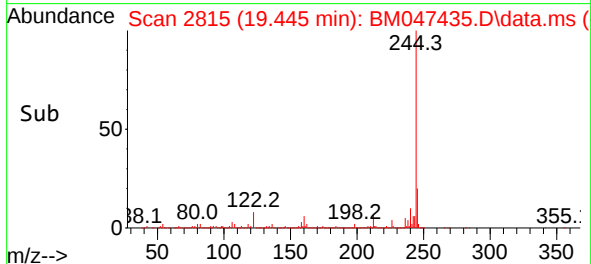
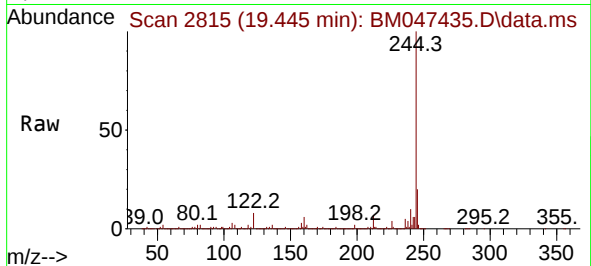




#79
 Terphenyl-d14
 Concen: 80.539 ng
 RT: 19.445 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM047435.D
 Acq: 04 Sep 2024 12:40

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:244 Resp: 6688726
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 7.8 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.733 min Scan# 3544
 Delta R.T. 0.018 min
 Lab File: BM047435.D
 Acq: 04 Sep 2024 12:40

Tgt Ion:264 Resp: 1444835
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.9 17.8 26.6

