

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090424\
 Data File : BM047433.D
 Acq On : 04 Sep 2024 11:11
 Operator : RC/JU
 Sample : PB163106BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 04 12:09:16 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)

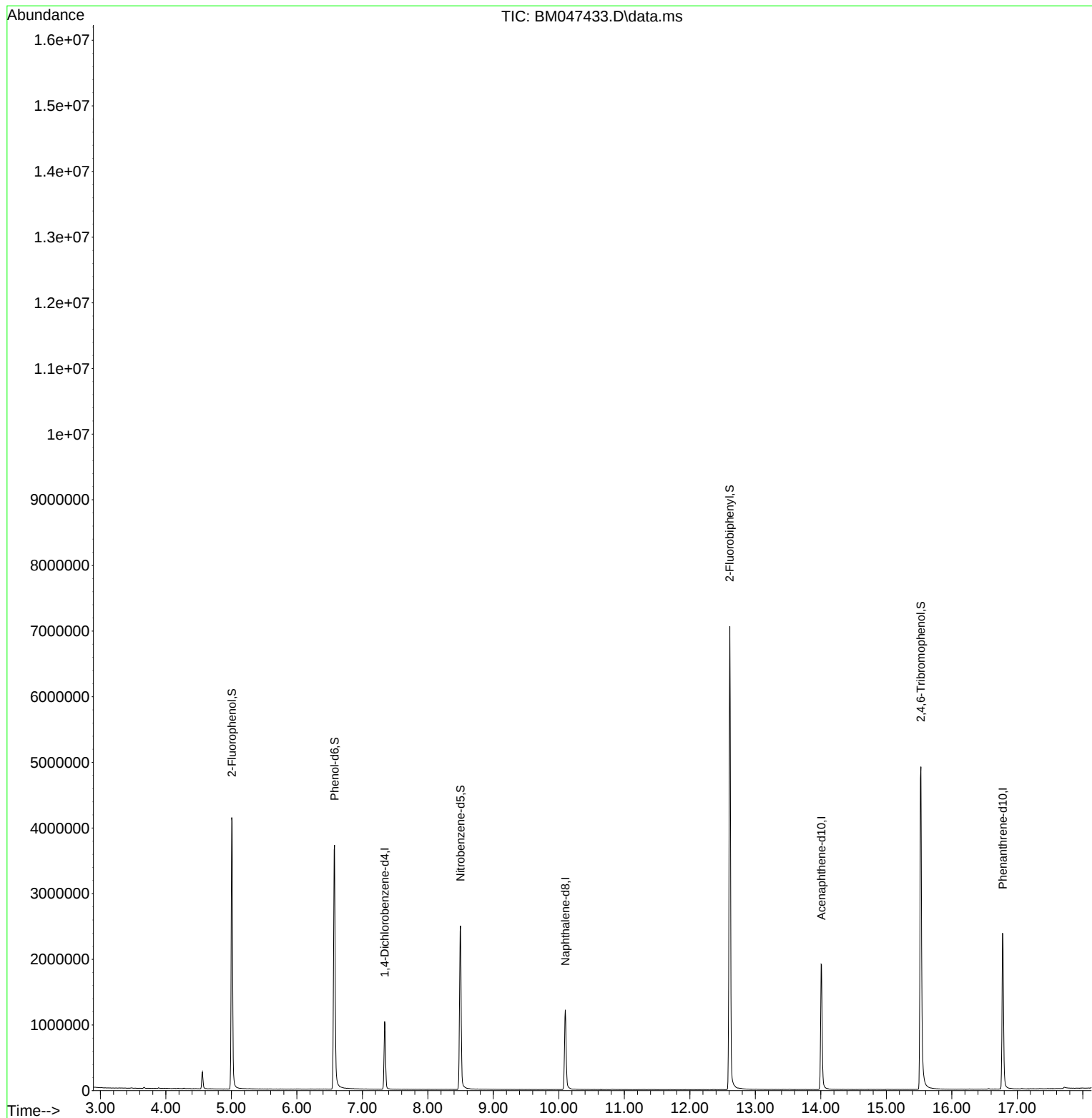
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.340	152	304859	20.000	ng	-0.01
21) Naphthalene-d8	10.098	136	1135119	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	797318	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	1718132	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1439259	20.000	ng	0.00
86) Perylene-d12	23.733	264	1377596	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1945157	122.414	ng	0.00
7) Phenol-d6	6.575	99	2489398	115.003	ng	0.00
23) Nitrobenzene-d5	8.498	82	1622200	79.295	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	1201260	124.877	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	4121251	79.420	ng	0.00
79) Terphenyl-d14	19.445	244	6830713	84.477	ng	0.00
Target Compounds						
9) Benzaldehyde	6.499	77	256	Below Cal	Qvalue #	20

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

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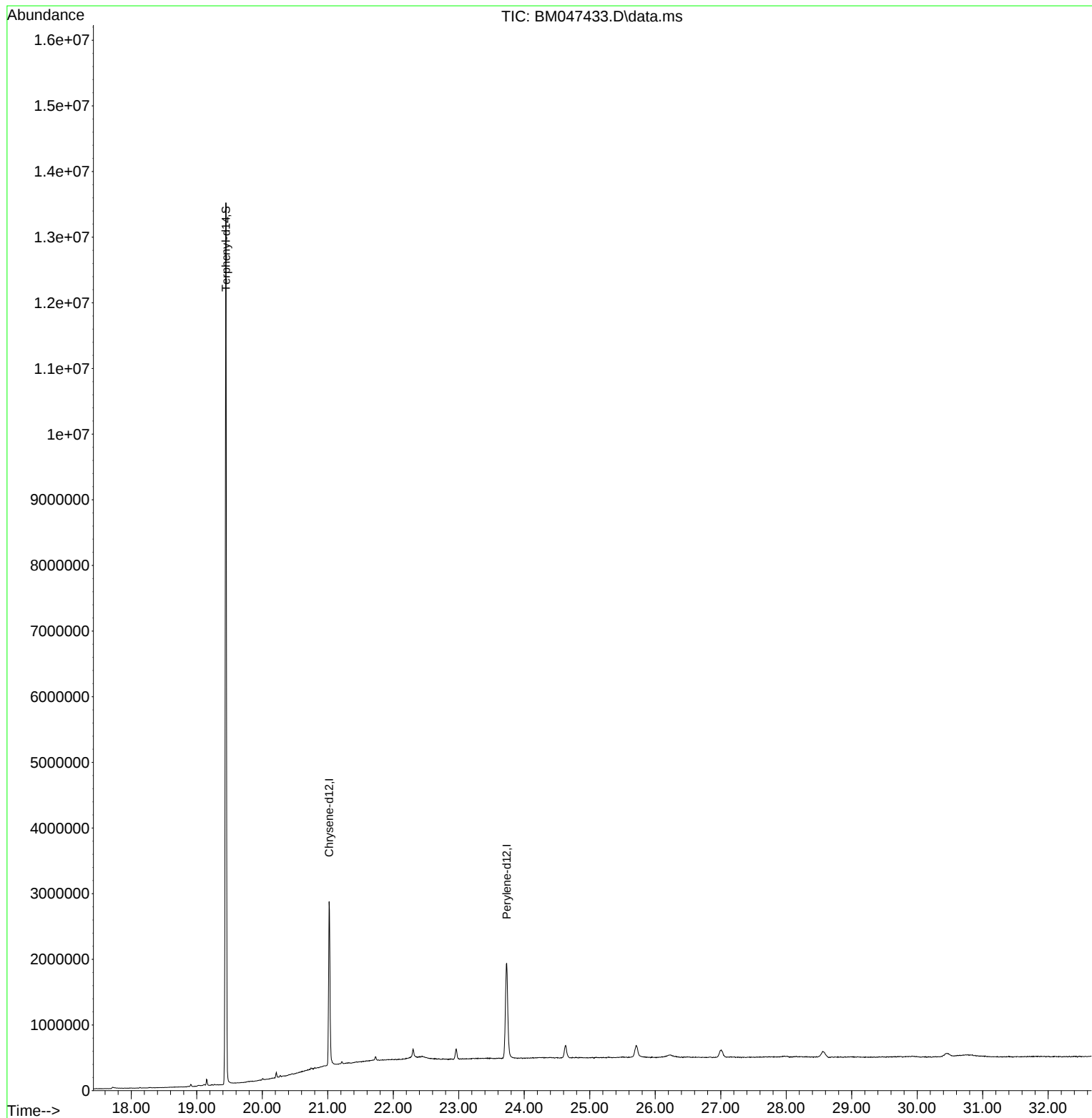
Quant Time: Sep 04 12:09:16 2024
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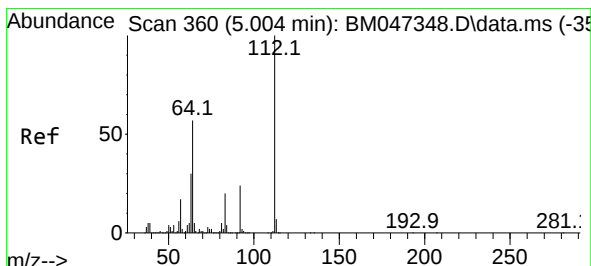
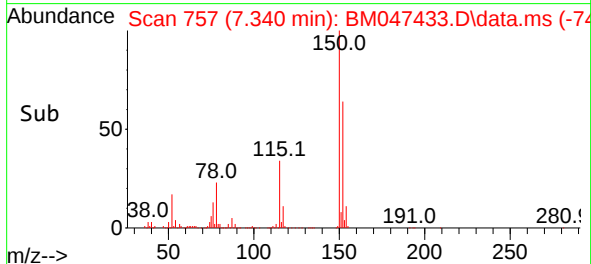
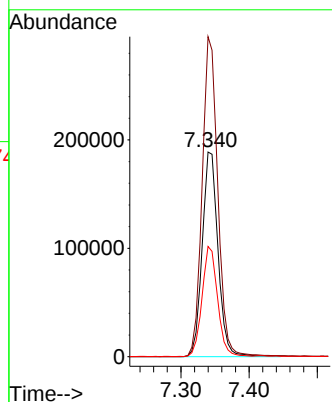
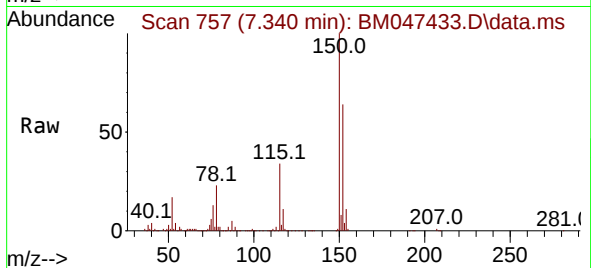




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.340 min Scan# 71
Delta R.T. -0.011 min
Lab File: BM047433.D
Acq: 04 Sep 2024 11:11

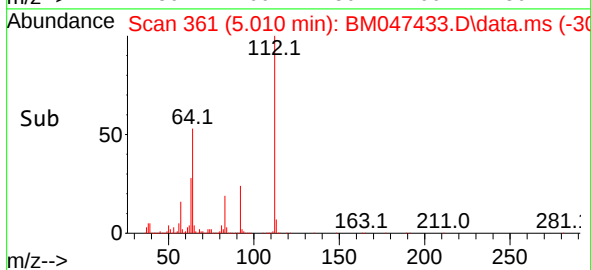
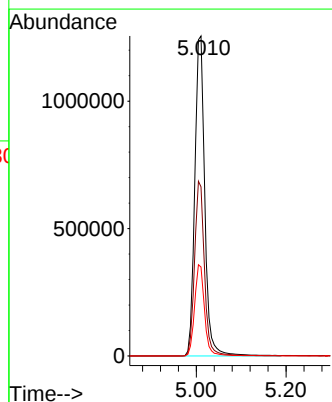
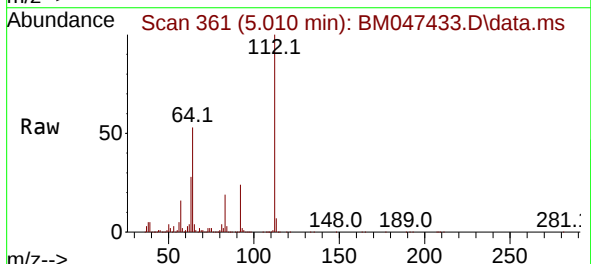
Instrument :
BNA_M
ClientSampleId :

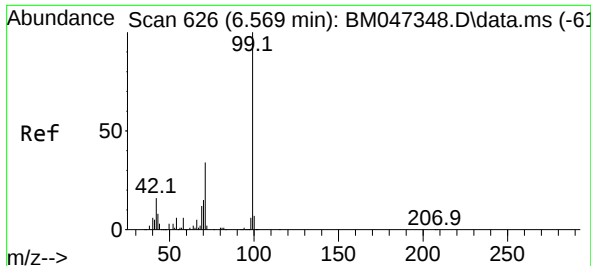
Tgt Ion:152 Resp: 304859
Ion Ratio Lower Upper
152 100
150 156.4 121.3 181.9
115 53.9 42.6 64.0



#5
2-Fluorophenol
Concen: 122.414 ng
RT: 5.010 min Scan# 361
Delta R.T. 0.006 min
Lab File: BM047433.D
Acq: 04 Sep 2024 11:11

Tgt Ion:112 Resp: 1945157
Ion Ratio Lower Upper
112 100
64 52.9 45.7 68.5
63 27.8 23.8 35.8

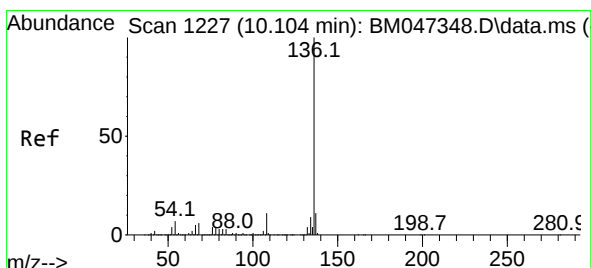
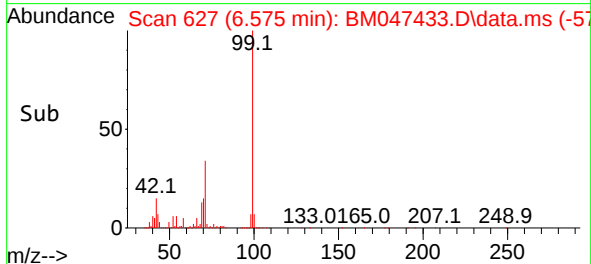
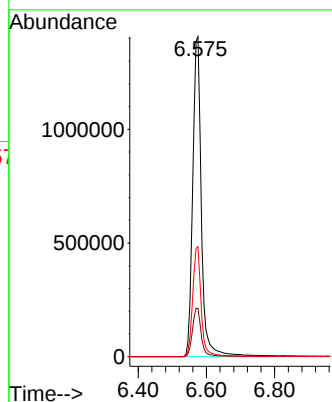
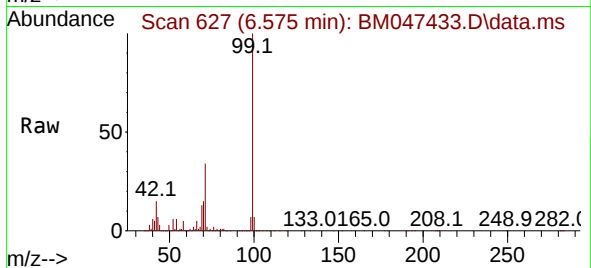




#7
Phenol-d6
Concen: 115.003 ng
RT: 6.575 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM047433.D
Acq: 04 Sep 2024 11:11

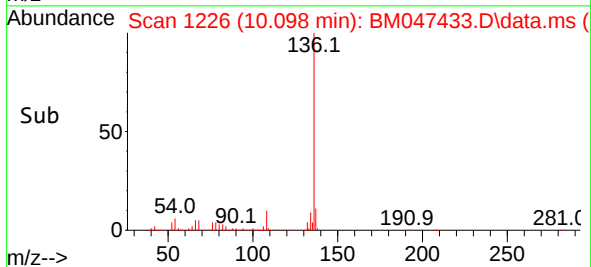
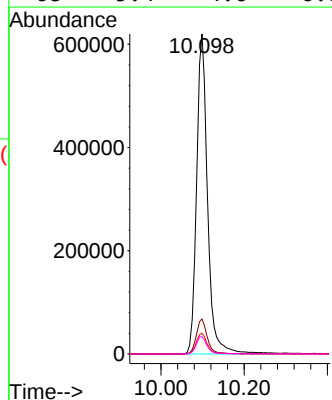
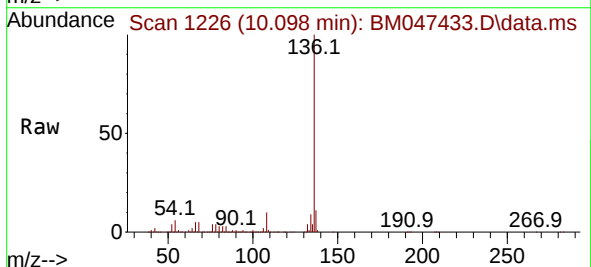
Instrument :
BNA_M
ClientSampleId :

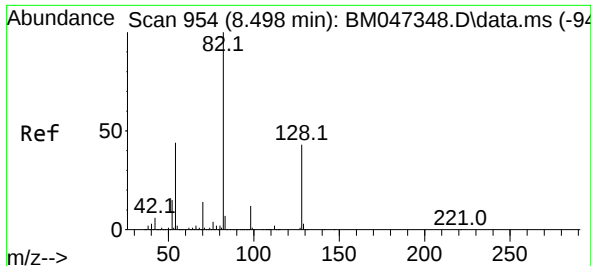
Tgt Ion: 99 Resp: 2489398
Ion Ratio Lower Upper
99 100
42 15.1 13.0 19.4
71 34.4 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BM047433.D
Acq: 04 Sep 2024 11:11

Tgt Ion: 136 Resp: 1135119
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.5 5.2 7.8
68 5.4 4.6 6.8

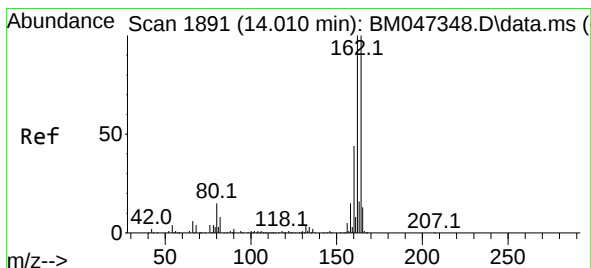
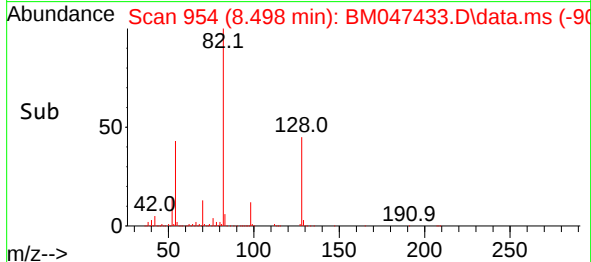
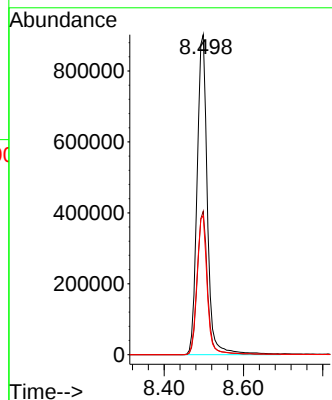
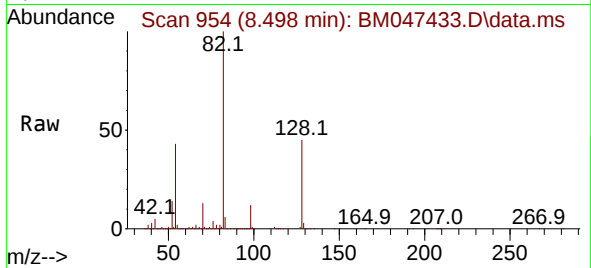




#23
Nitrobenzene-d5
Concen: 79.295 ng
RT: 8.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM047433.D
Acq: 04 Sep 2024 11:11

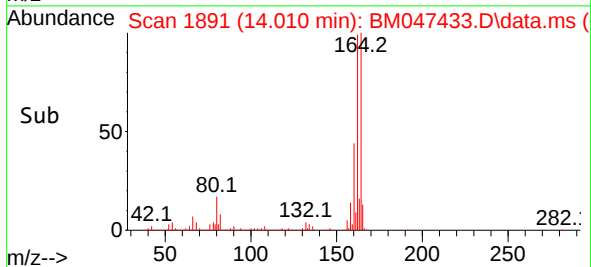
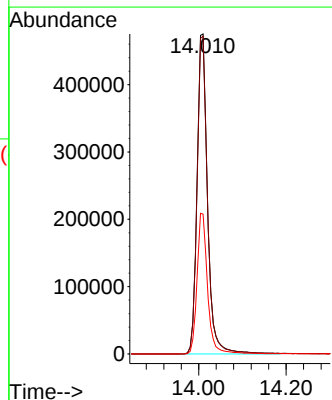
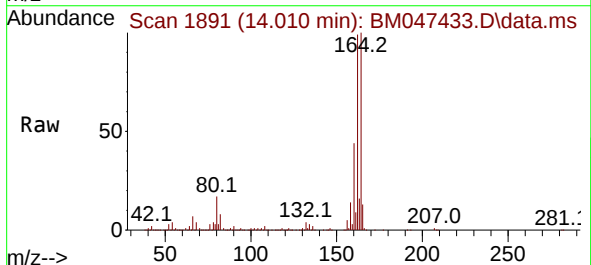
Instrument :
BNA_M
ClientSampleId :

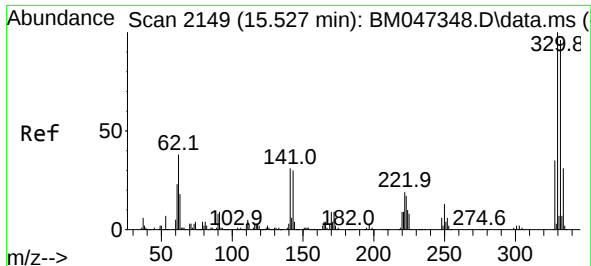
Tgt Ion: 82 Resp: 1622200
Ion Ratio Lower Upper
82 100
128 44.8 34.6 51.8
54 43.5 35.5 53.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047433.D
Acq: 04 Sep 2024 11:11

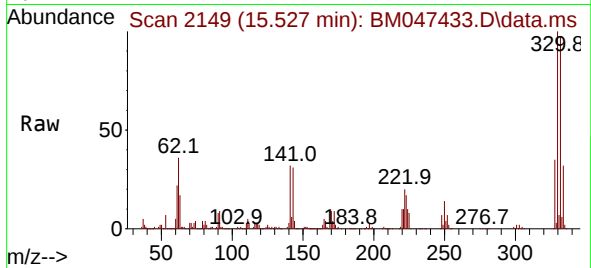
Tgt Ion:164 Resp: 797318
Ion Ratio Lower Upper
164 100
162 99.3 79.7 119.5
160 43.7 34.9 52.3



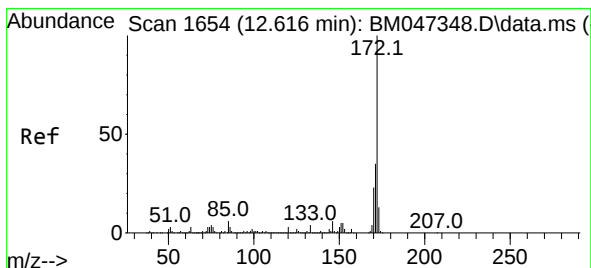
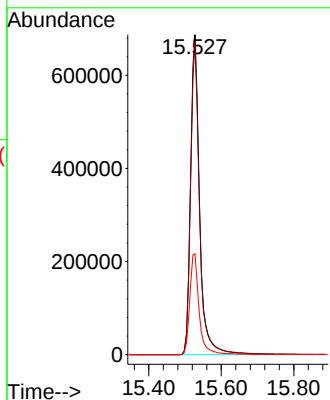
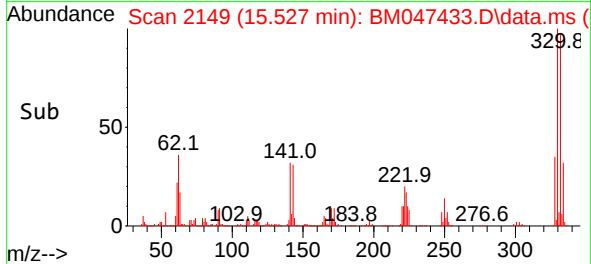


#42
2,4,6-Tribromophenol
Concen: 124.877 ng
RT: 15.527 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM047433.D
Acq: 04 Sep 2024 11:11

Instrument :
BNA_M
ClientSampleId :

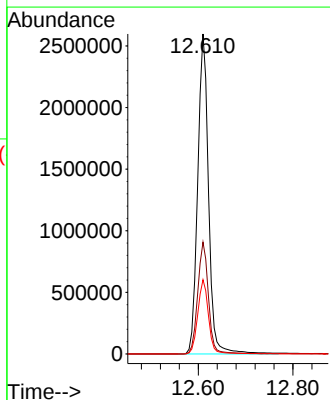
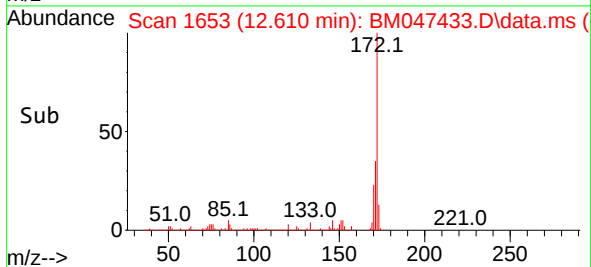
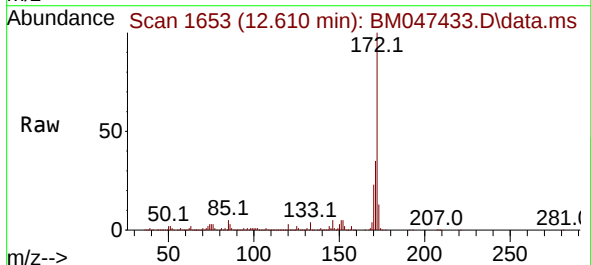


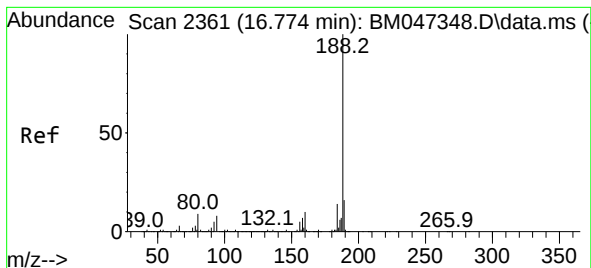
Tgt Ion:330 Resp: 1201260
Ion Ratio Lower Upper
330 100
332 96.9 77.2 115.8
141 32.5 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 79.420 ng
RT: 12.610 min Scan# 1653
Delta R.T. -0.006 min
Lab File: BM047433.D
Acq: 04 Sep 2024 11:11

Tgt Ion:172 Resp: 4121251
Ion Ratio Lower Upper
172 100
171 35.0 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: BM047433.D

Acq: 04 Sep 2024 11:11

Instrument :

BNA_M

ClientSampleId :

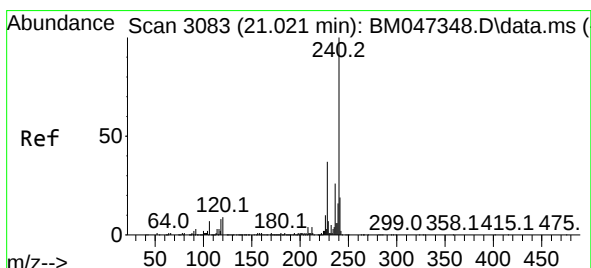
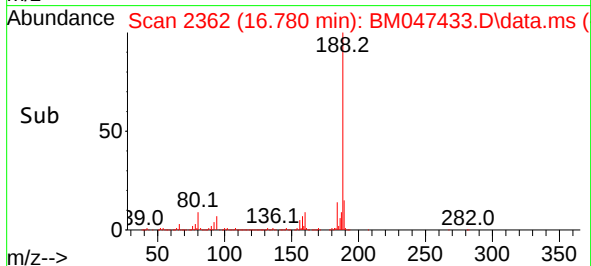
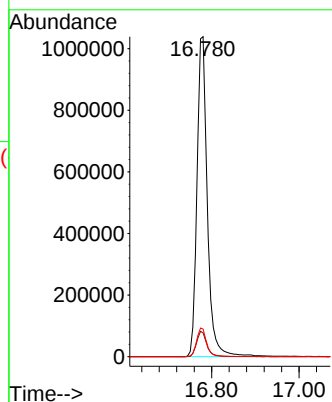
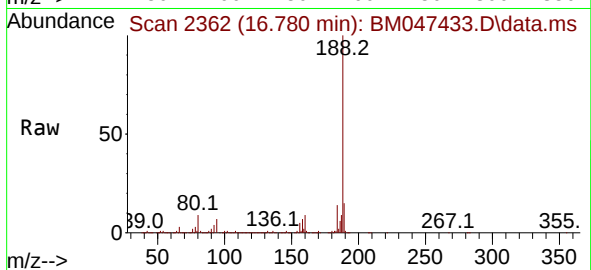
Tgt Ion:188 Resp: 1718132

Ion Ratio Lower Upper

188 100

94 7.5 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: BM047433.D

Acq: 04 Sep 2024 11:11

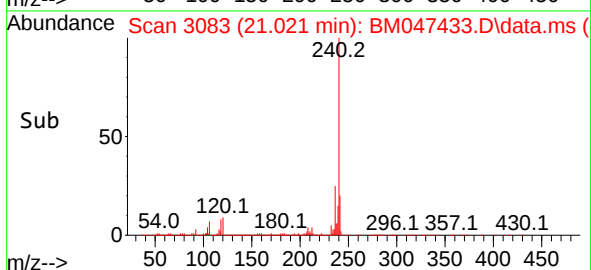
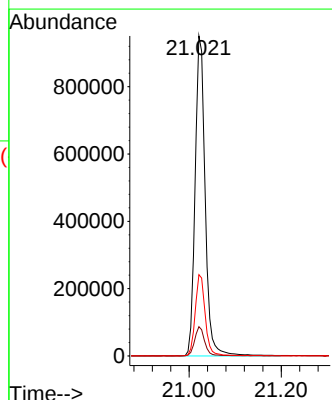
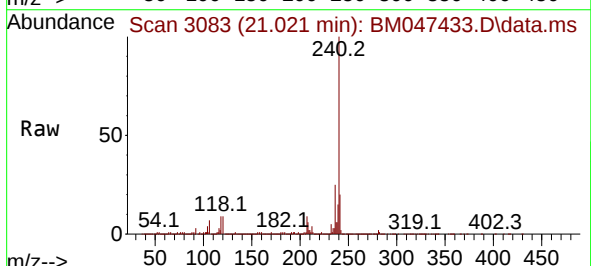
Tgt Ion:240 Resp: 1439259

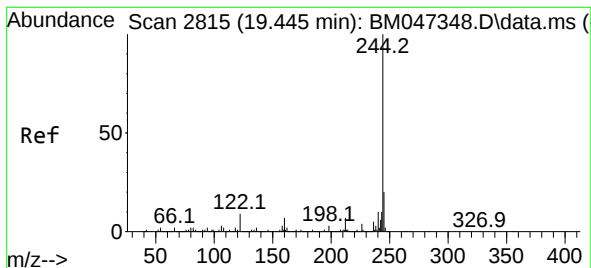
Ion Ratio Lower Upper

240 100

120 9.2 7.4 11.0

236 25.4 20.8 31.2





#79

Terphenyl-d14

Concen: 84.477 ng

RT: 19.445 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047433.D

Acq: 04 Sep 2024 11:11

Instrument :

BNA_M

ClientSampleId :

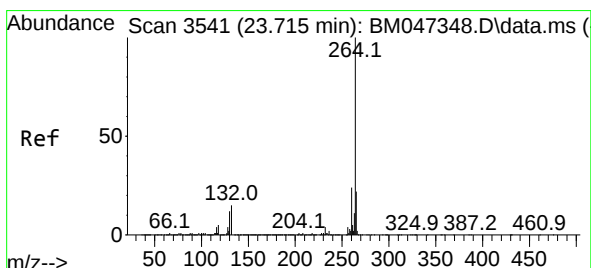
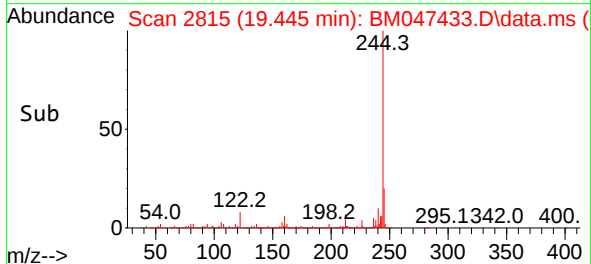
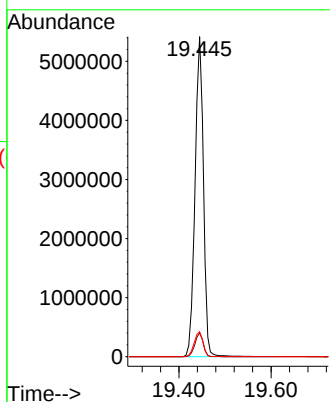
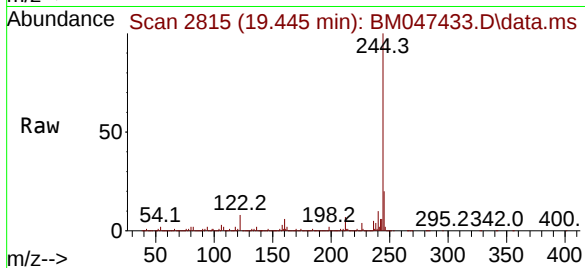
Tgt Ion:244 Resp: 6830713

Ion Ratio Lower Upper

244 100

212 7.4 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: BM047433.D

Acq: 04 Sep 2024 11:11

Tgt Ion:264 Resp: 1377596

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 21.7 17.8 26.6

