

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081524\
 Data File : BM047219.D
 Acq On : 15 Aug 2024 17:32
 Operator : RC/JU
 Sample : P3520-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OU4-CF-12-080624RE

Quant Time: Aug 15 18:19:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

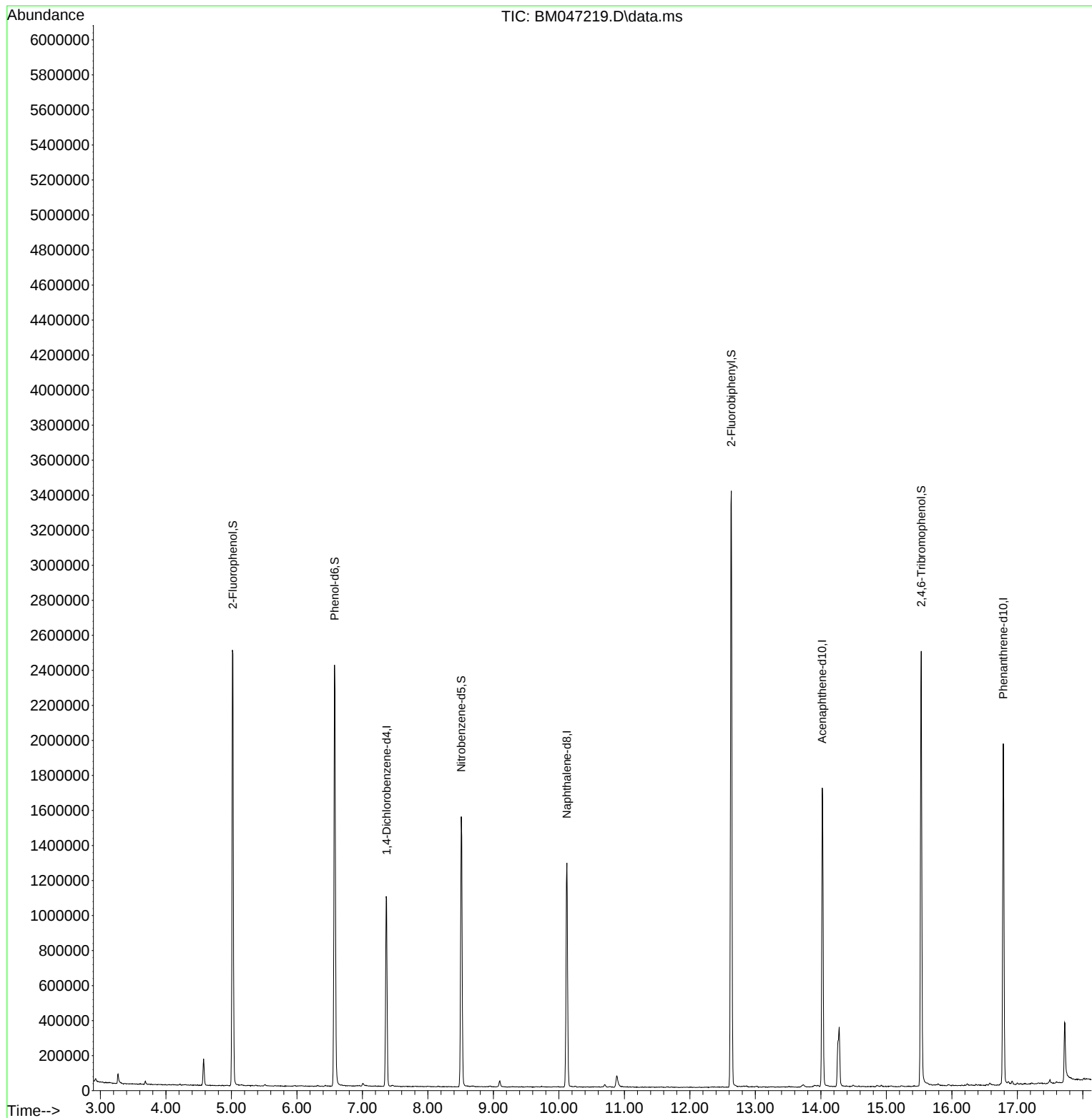
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	298908	20.000	ng	0.00
21) Naphthalene-d8	10.122	136	1046495	20.000	ng	-0.01
39) Acenaphthene-d10	14.021	164	602532	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1143570	20.000	ng	0.00
76) Chrysene-d12	21.021	240	979748	20.000	ng	-0.01
86) Perylene-d12	23.721	264	1092891	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1062496	63.515	ng	0.00
7) Phenol-d6	6.575	99	1362423	59.107	ng	-0.01
23) Nitrobenzene-d5	8.510	82	887552	42.706	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	455723	65.229	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	1851002	47.387	ng	-0.01
79) Terphenyl-d14	19.450	244	2294684	50.186	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.534	77	410	Below Cal	Qvalue #	39

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

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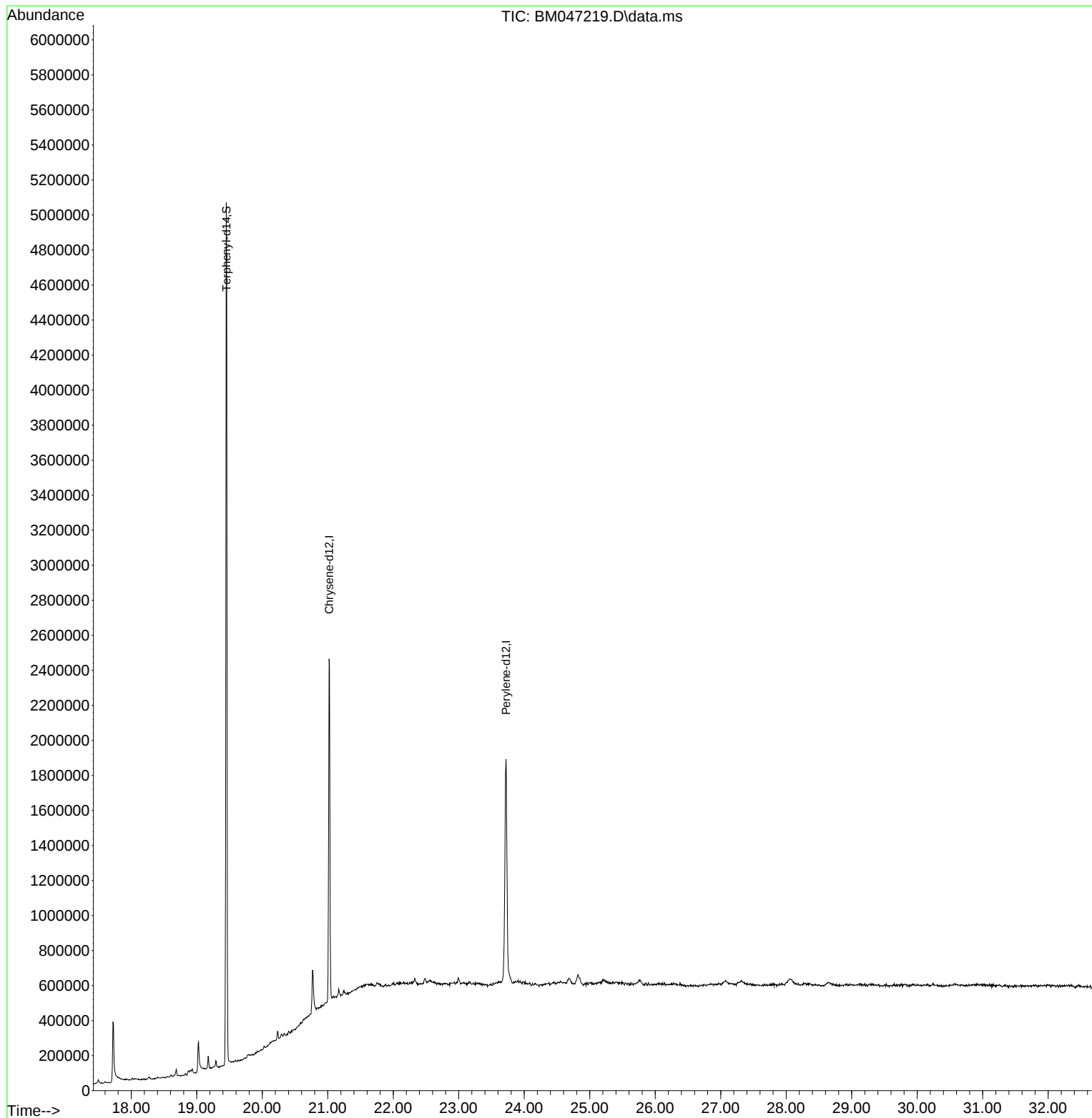
Quant Time: Aug 15 18:19:20 2024
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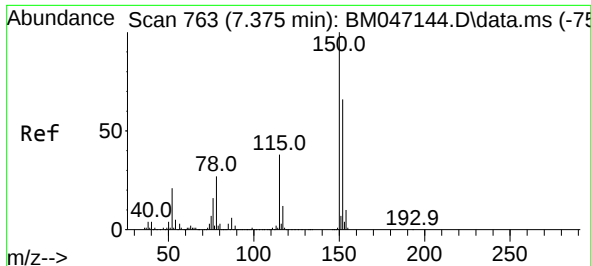


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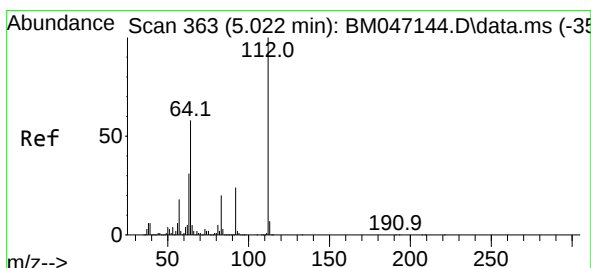
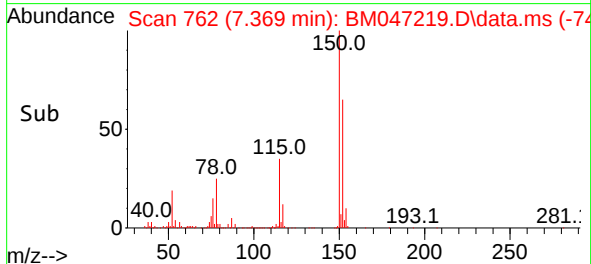
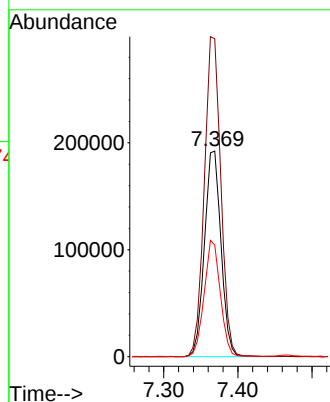
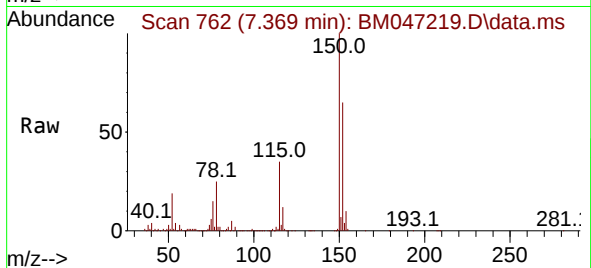




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 763
Delta R.T. -0.006 min
Lab File: BM047219.D
Acq: 15 Aug 2024 17:32

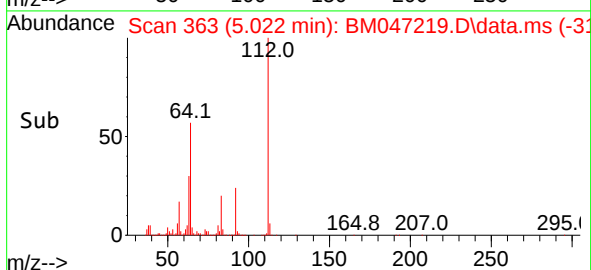
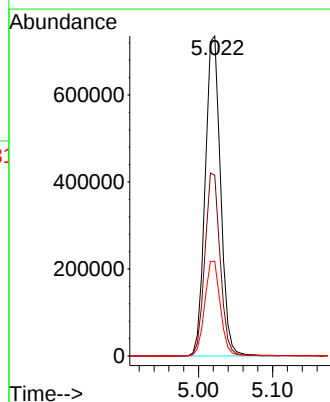
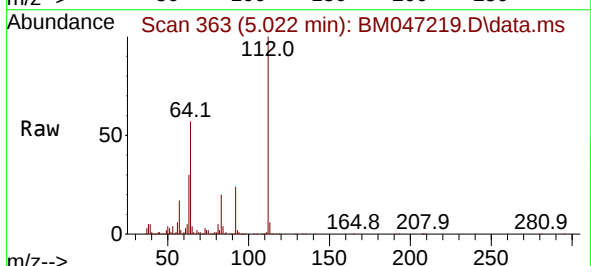
Instrument :
BNA_M
ClientSampleId :
OU4-CF-12-080624RE

Tgt Ion:152 Resp: 298908
Ion Ratio Lower Upper
152 100
150 154.7 120.5 180.7
115 54.3 45.5 68.3



#5
2-Fluorophenol
Concen: 63.515 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047219.D
Acq: 15 Aug 2024 17:32

Tgt Ion:112 Resp: 1062496
Ion Ratio Lower Upper
112 100
64 56.5 46.7 70.1
63 29.6 24.8 37.2

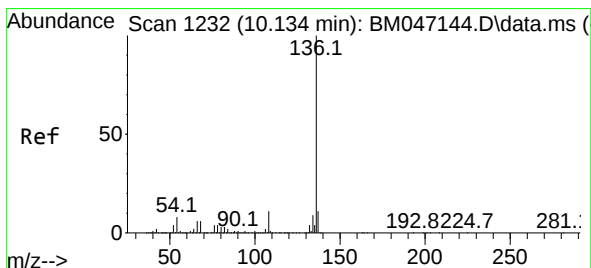
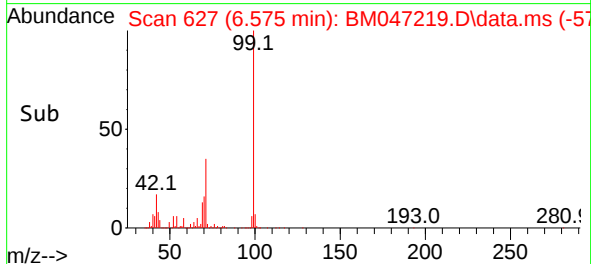
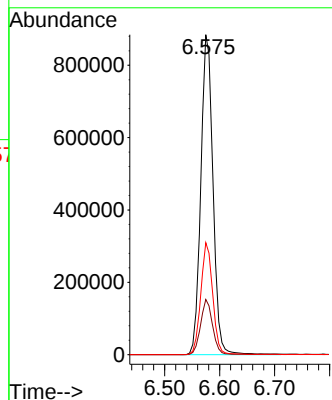
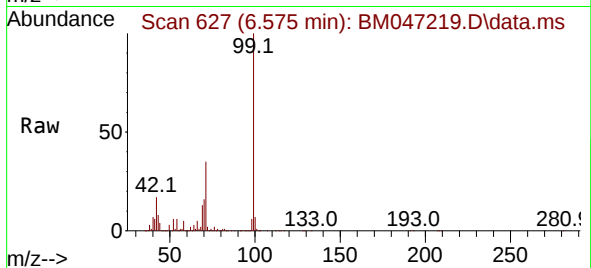




#7
Phenol-d6
Concen: 59.107 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047219.D
Acq: 15 Aug 2024 17:32

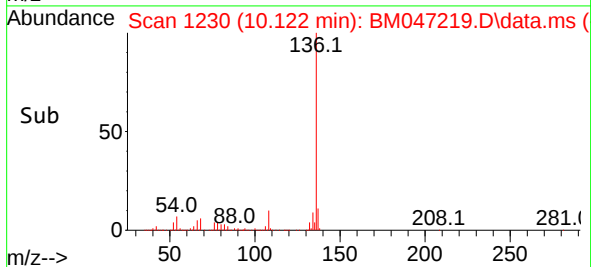
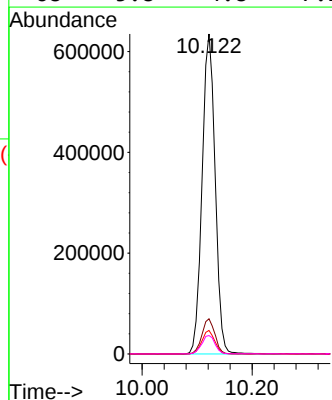
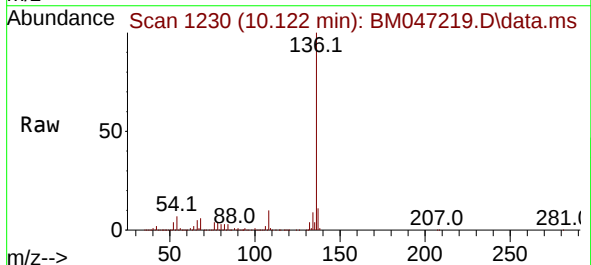
Instrument :
BNA_M
ClientSampleId :
OU4-CF-12-080624RE

Tgt Ion: 99 Resp: 1362423
Ion Ratio Lower Upper
99 100
42 17.2 14.1 21.1
71 35.0 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BM047219.D
Acq: 15 Aug 2024 17:32

Tgt Ion: 136 Resp: 1046495
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.4 6.0 9.0
68 5.8 4.8 7.2

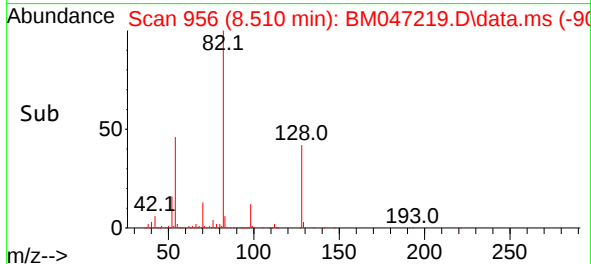
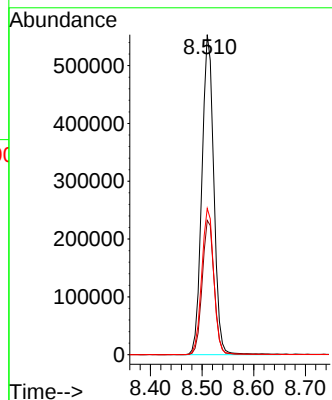
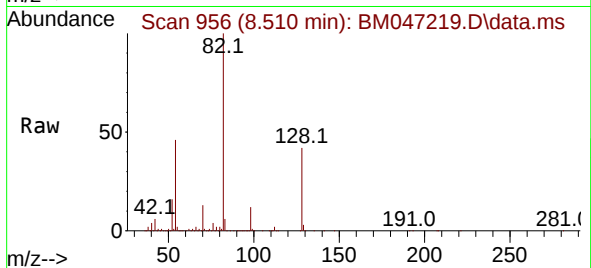




#23
 Nitrobenzene-d5
 Concen: 42.706 ng
 RT: 8.510 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BM047219.D
 Acq: 15 Aug 2024 17:32

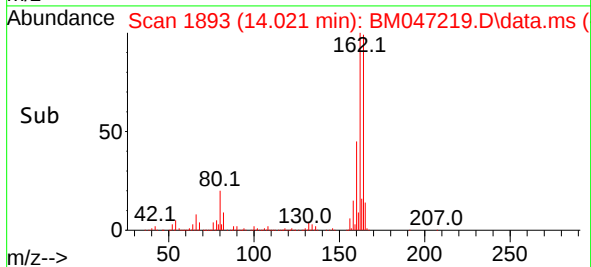
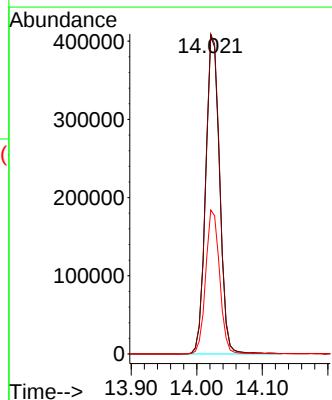
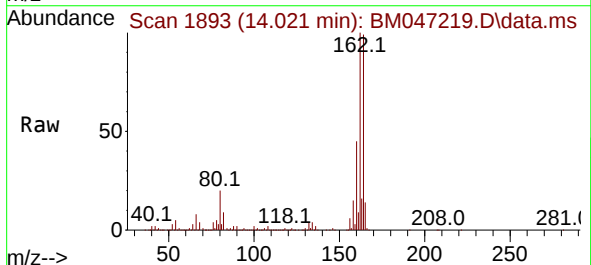
Instrument :
 BNA_M
 ClientSampleId :
 OU4-CF-12-080624RE

Tgt Ion: 82 Resp: 887552
 Ion Ratio Lower Upper
 82 100
 128 42.0 32.3 48.5
 54 45.7 37.4 56.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.021 min Scan# 1893
 Delta R.T. -0.012 min
 Lab File: BM047219.D
 Acq: 15 Aug 2024 17:32

Tgt Ion:164 Resp: 602532
 Ion Ratio Lower Upper
 164 100
 162 100.7 80.7 121.1
 160 45.3 36.0 54.0

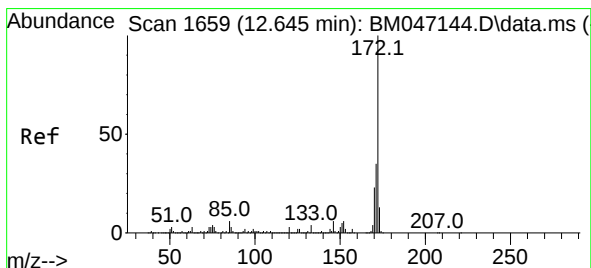
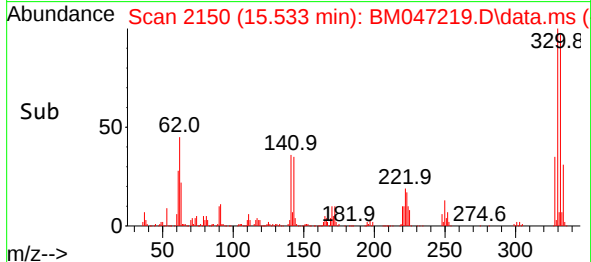
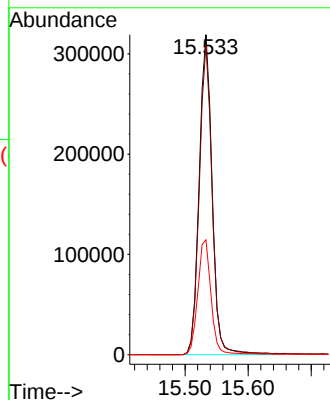
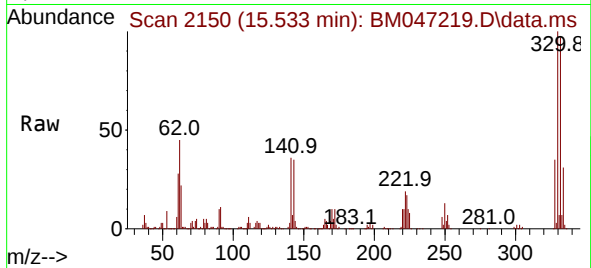




#42
2,4,6-Tribromophenol
Concen: 65.229 ng
RT: 15.533 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM047219.D
Acq: 15 Aug 2024 17:32

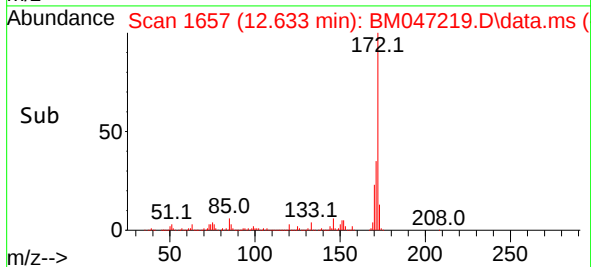
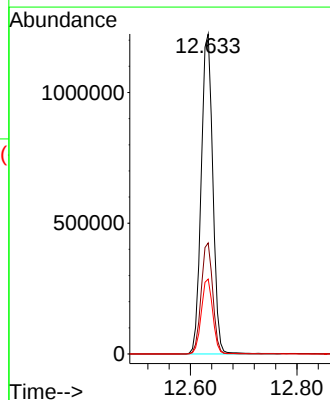
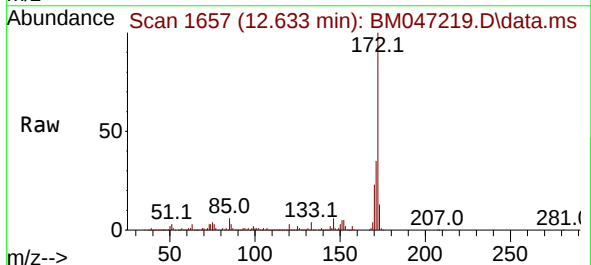
Instrument :
BNA_M
ClientSampleId :
OU4-CF-12-080624RE

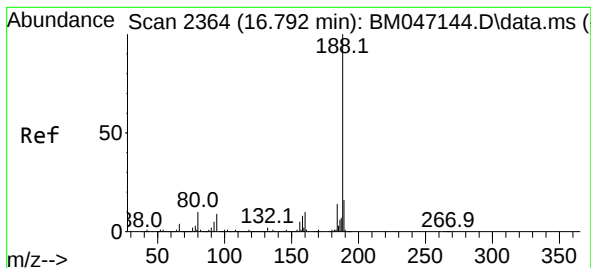
Tgt Ion:330 Resp: 455723
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 37.0 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 47.387 ng
RT: 12.633 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BM047219.D
Acq: 15 Aug 2024 17:32

Tgt Ion:172 Resp: 1851002
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.786 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047219.D

Acq: 15 Aug 2024 17:32

Instrument :

BNA_M

ClientSampleId :

OU4-CF-12-080624RE

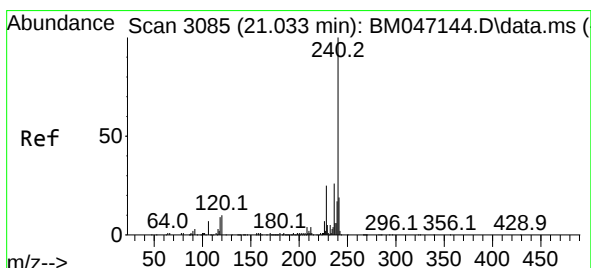
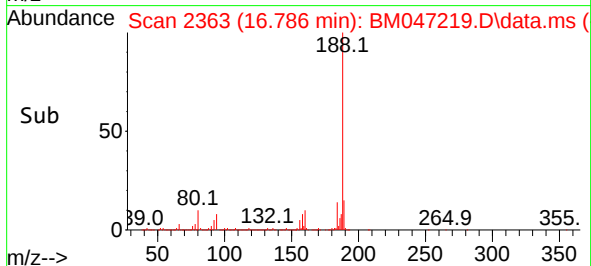
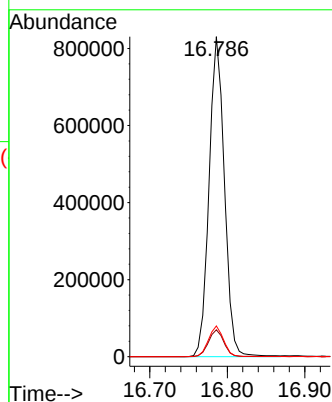
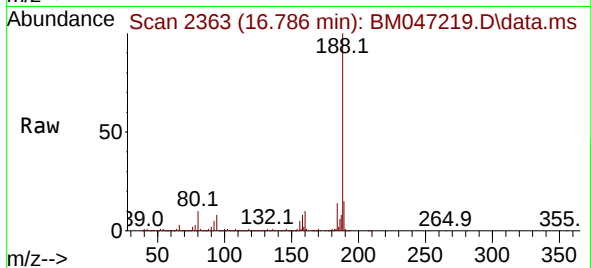
Tgt Ion:188 Resp: 1143570

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

80 9.6 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3083

Delta R.T. -0.012 min

Lab File: BM047219.D

Acq: 15 Aug 2024 17:32

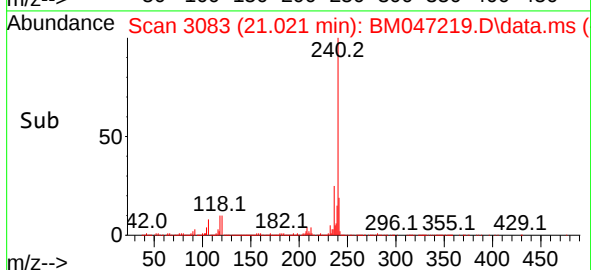
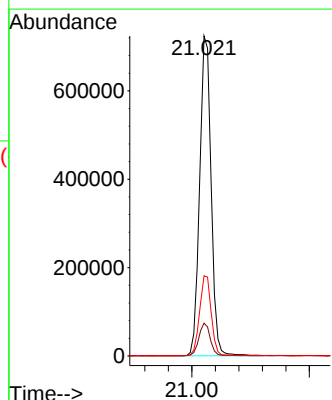
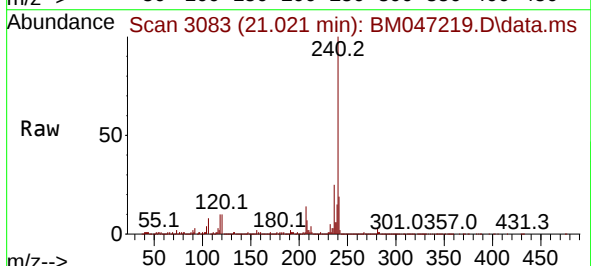
Tgt Ion:240 Resp: 979748

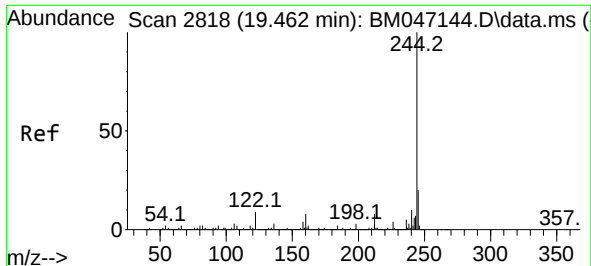
Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.2

236 25.0 20.6 30.8

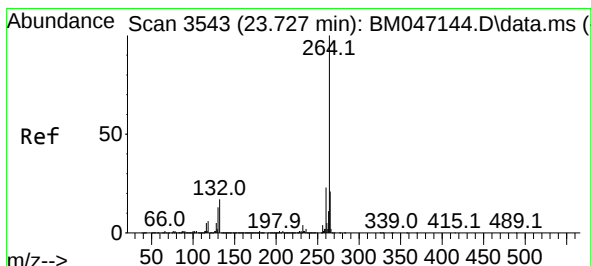
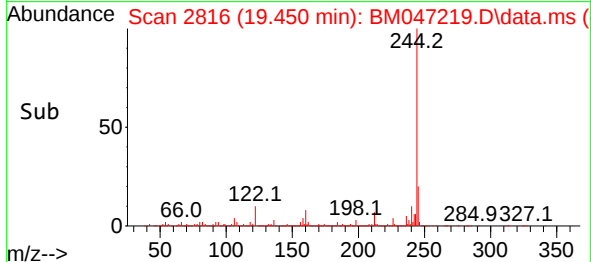
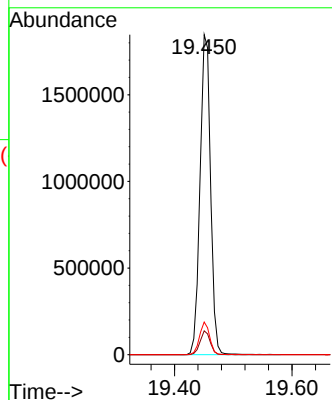
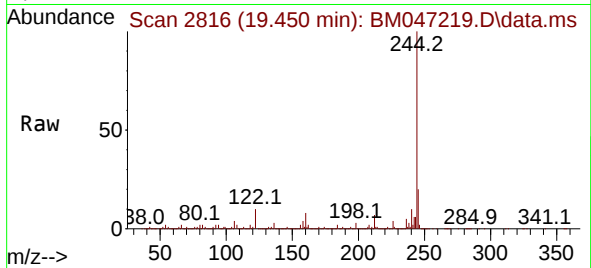




#79
 Terphenyl-d14
 Concen: 50.186 ng
 RT: 19.450 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047219.D
 Acq: 15 Aug 2024 17:32

Instrument :
 BNA_M
 ClientSampleId :
 OU4-CF-12-080624RE

Tgt Ion:244 Resp: 2294684
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 10.2 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.721 min Scan# 3542
 Delta R.T. -0.006 min
 Lab File: BM047219.D
 Acq: 15 Aug 2024 17:32

Tgt Ion:264 Resp: 1092891
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 22.3 17.3 25.9

