

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081524\
 Data File : BM047215.D
 Acq On : 15 Aug 2024 14:51
 Operator : RC/JU
 Sample : P3520-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OU4-CF-13-080624

Quant Time: Aug 15 15:43:43 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)

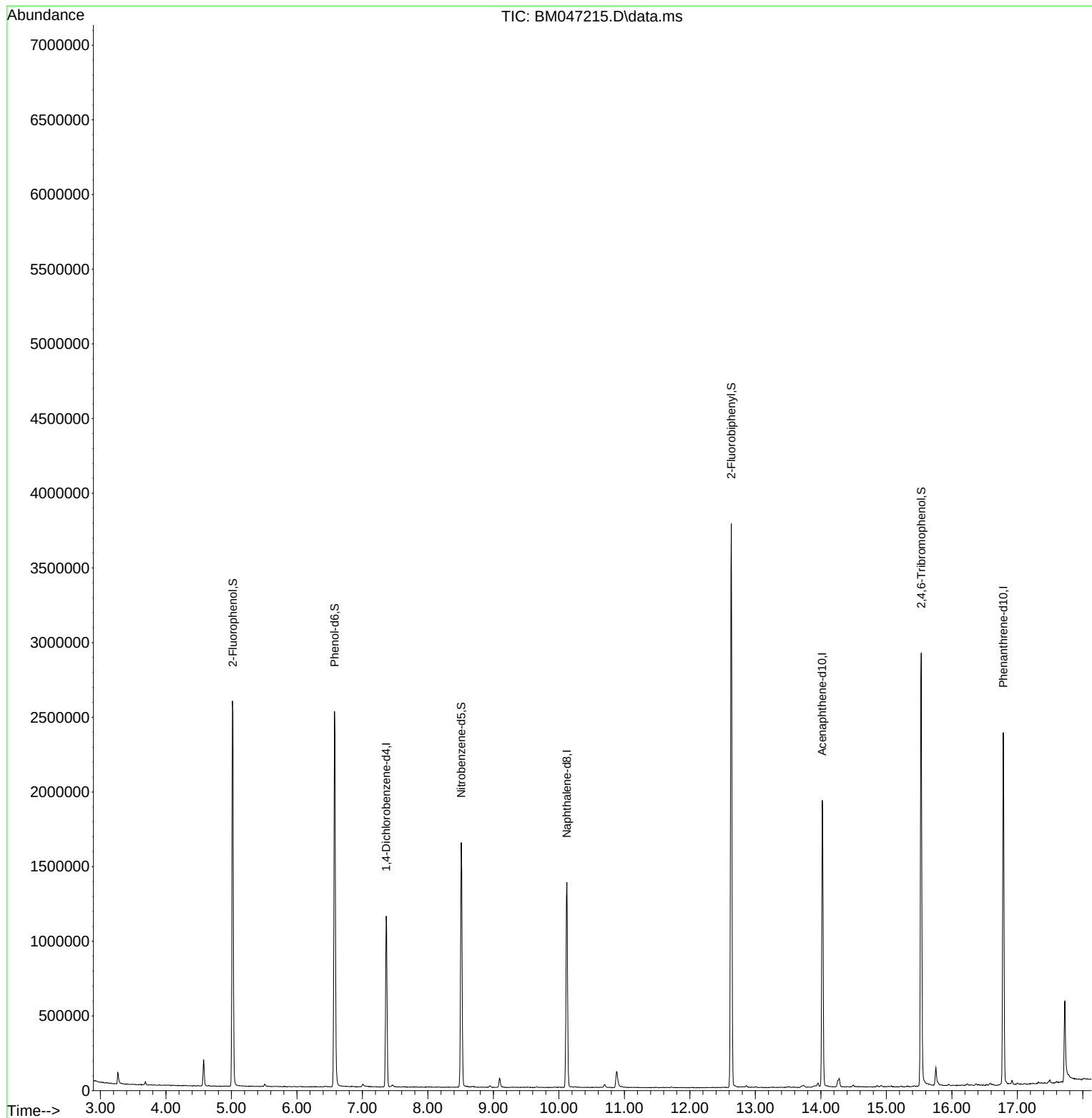
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.363	152	311170	20.000	ng	-0.01
21) Naphthalene-d8	10.122	136	1123788	20.000	ng	-0.01
39) Acenaphthene-d10	14.021	164	679761	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1342652	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1157063	20.000	ng	-0.01
86) Perylene-d12	23.721	264	1302529	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1095526	62.909	ng	0.00
7) Phenol-d6	6.575	99	1415141	58.975	ng	-0.01
23) Nitrobenzene-d5	8.510	82	926370	41.508	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	524911	66.597	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	1999655	45.377	ng	-0.01
79) Terphenyl-d14	19.450	244	2785697	51.588	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.516	77	299	Below Cal	Qvalue #	22

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

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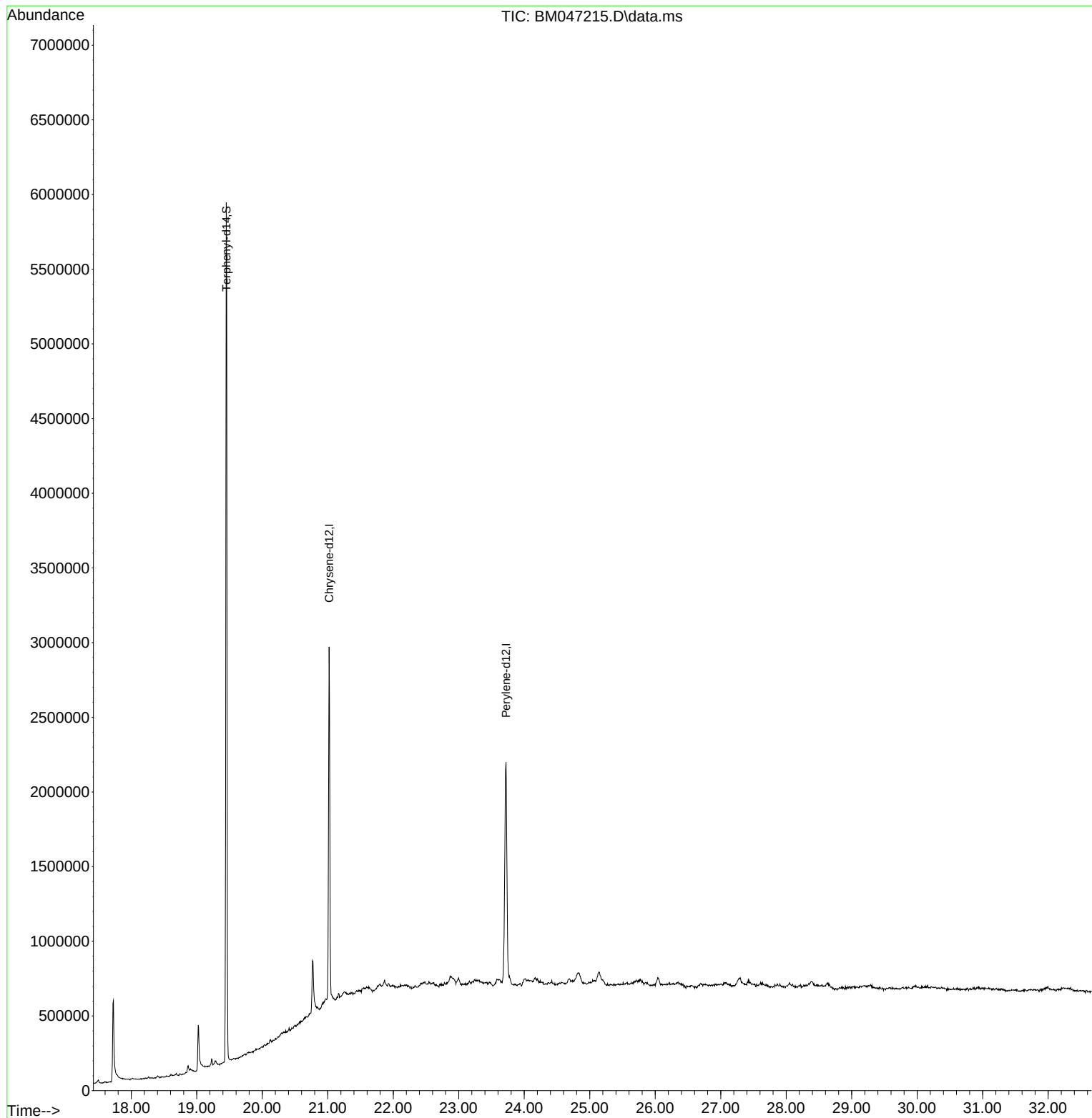
Quant Time: Aug 15 15:43:43 2024
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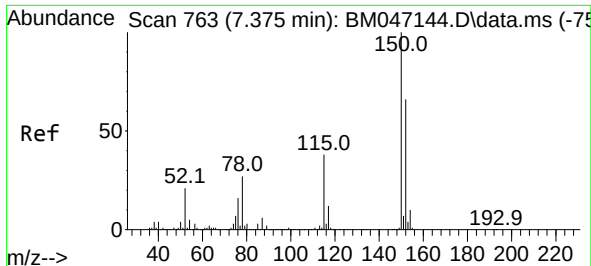


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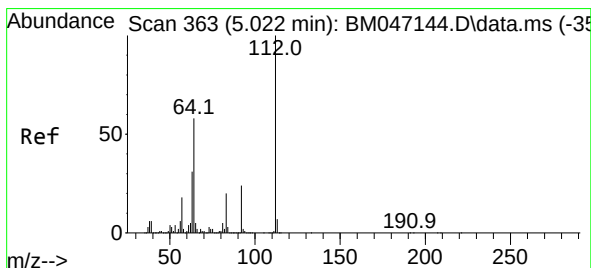
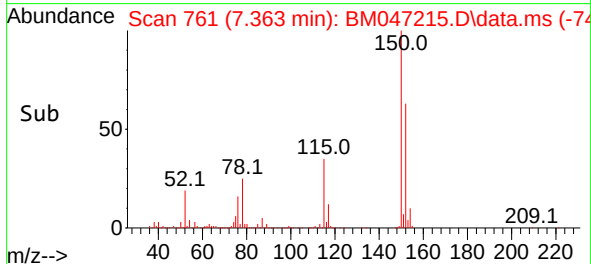
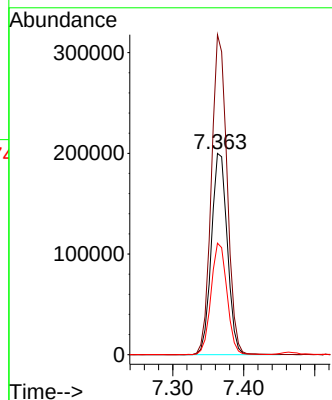
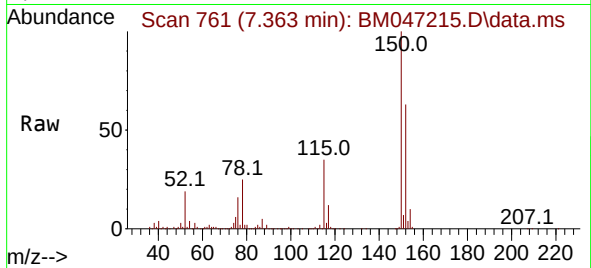




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 763
Delta R.T. -0.012 min
Lab File: BM047215.D
Acq: 15 Aug 2024 14:51

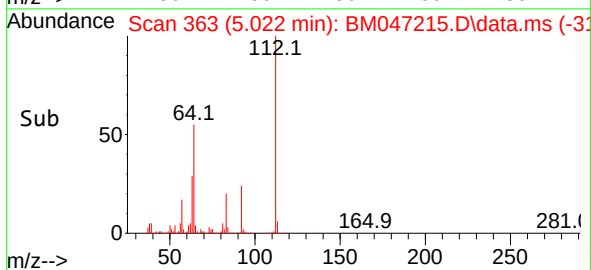
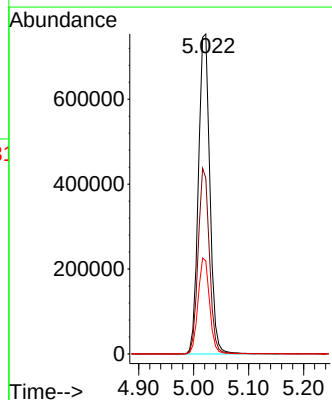
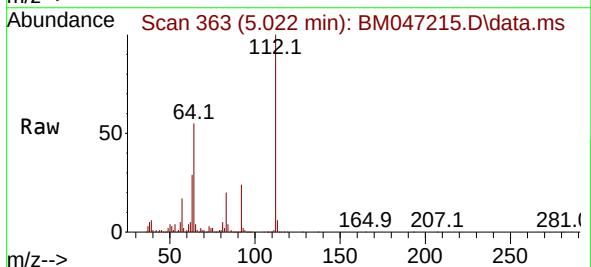
Instrument :
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ClientSampleId :
OU4-CF-13-080624

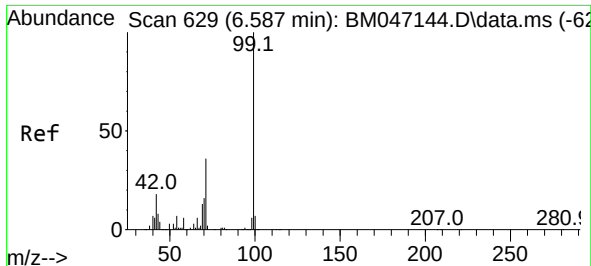
Tgt Ion:152 Resp: 311170
Ion Ratio Lower Upper
152 100
150 159.0 120.5 180.7
115 55.4 45.5 68.3



#5
2-Fluorophenol
Concen: 62.909 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047215.D
Acq: 15 Aug 2024 14:51

Tgt Ion:112 Resp: 1095526
Ion Ratio Lower Upper
112 100
64 55.0 46.7 70.1
63 29.1 24.8 37.2

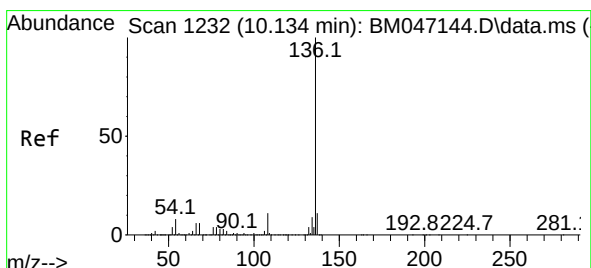
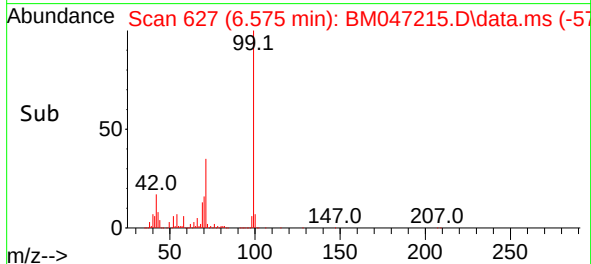
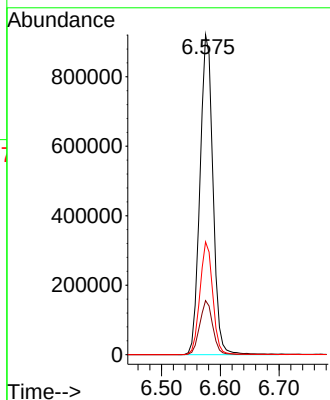
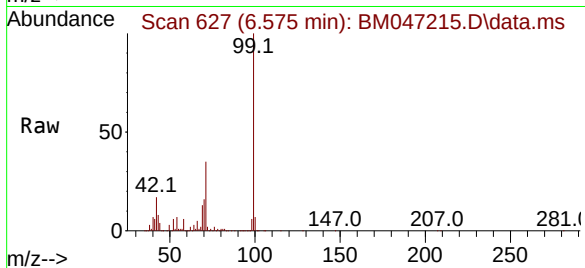




#7
Phenol-d6
Concen: 58.975 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047215.D
Acq: 15 Aug 2024 14:51

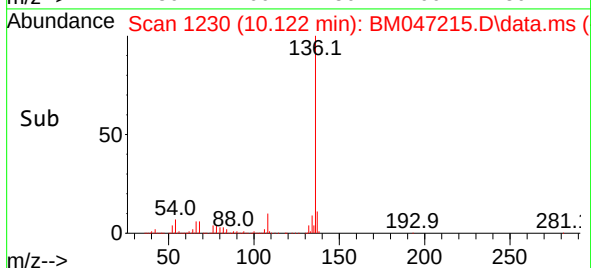
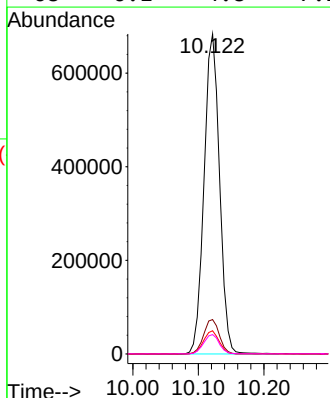
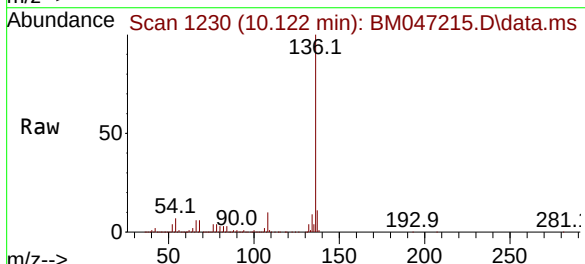
Instrument :
BNA_M
ClientSampleId :
OU4-CF-13-080624

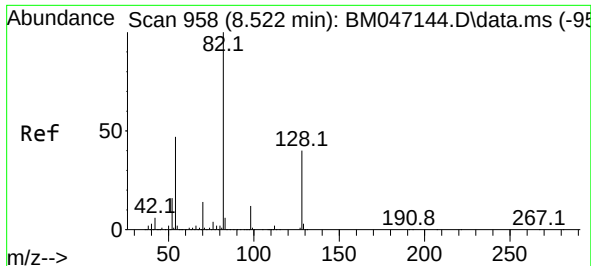
Tgt Ion: 99 Resp: 1415141
Ion Ratio Lower Upper
99 100
42 16.9 14.1 21.1
71 35.2 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BM047215.D
Acq: 15 Aug 2024 14:51

Tgt Ion: 136 Resp: 1123788
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.3 6.0 9.0
68 6.1 4.8 7.2

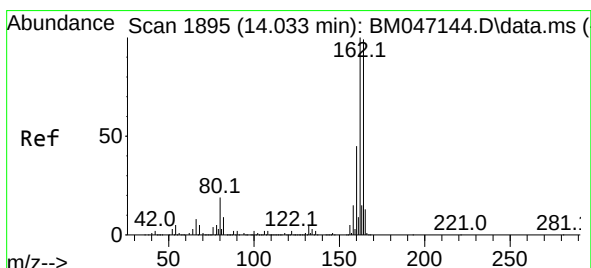
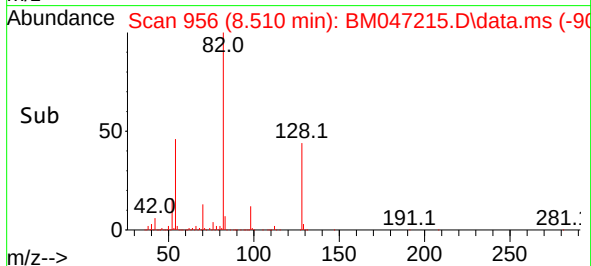
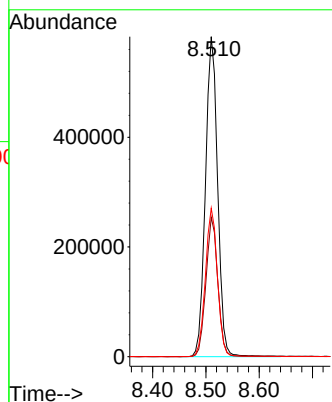
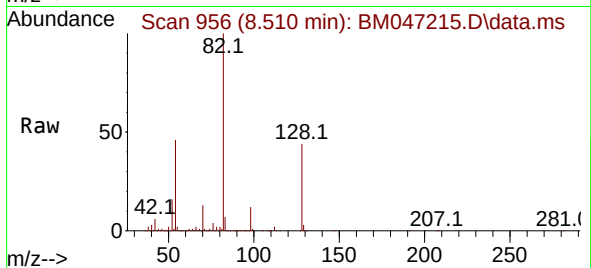




#23
Nitrobenzene-d5
Concen: 41.508 ng
RT: 8.510 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM047215.D
Acq: 15 Aug 2024 14:51

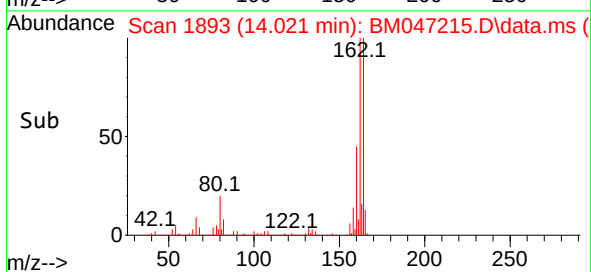
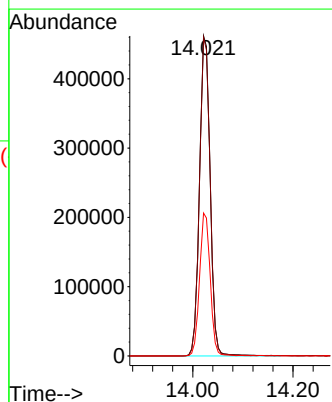
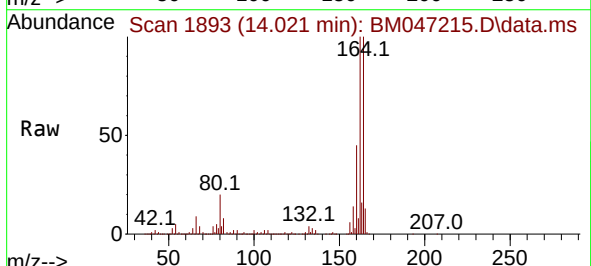
Instrument :
BNA_M
ClientSampleId :
OU4-CF-13-080624

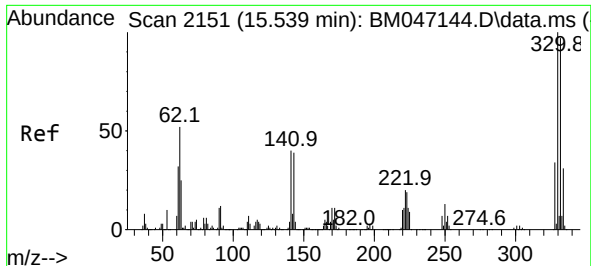
Tgt Ion: 82 Resp: 926370
Ion Ratio Lower Upper
82 100
128 43.5 32.3 48.5
54 46.4 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.021 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BM047215.D
Acq: 15 Aug 2024 14:51

Tgt Ion: 164 Resp: 679761
Ion Ratio Lower Upper
164 100
162 99.6 80.7 121.1
160 44.6 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 66.597 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047215.D

Acq: 15 Aug 2024 14:51

Instrument :

BNA_M

ClientSampleId :

OU4-CF-13-080624

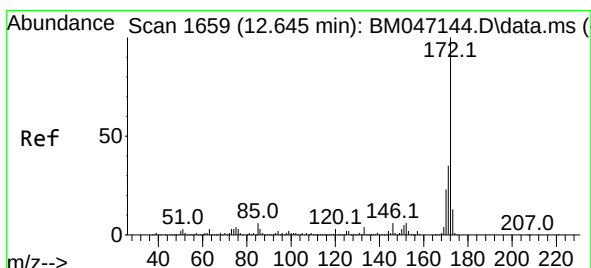
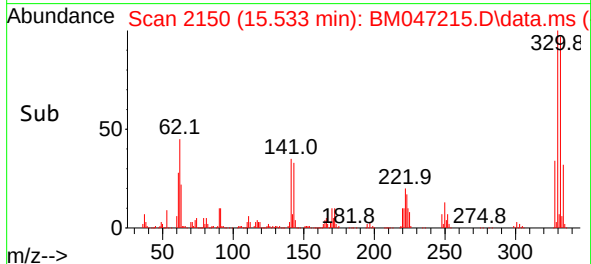
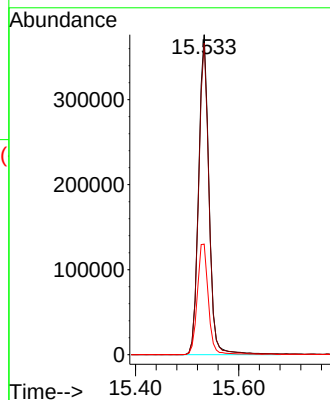
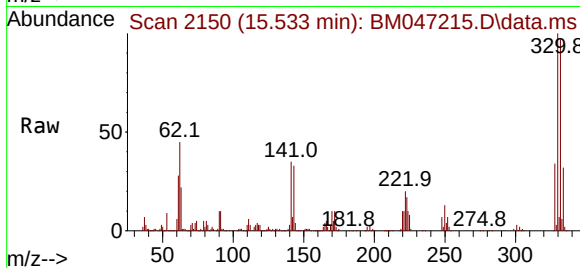
Tgt Ion:330 Resp: 524911

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.2

141 36.5 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 45.377 ng

RT: 12.633 min Scan# 1657

Delta R.T. -0.012 min

Lab File: BM047215.D

Acq: 15 Aug 2024 14:51

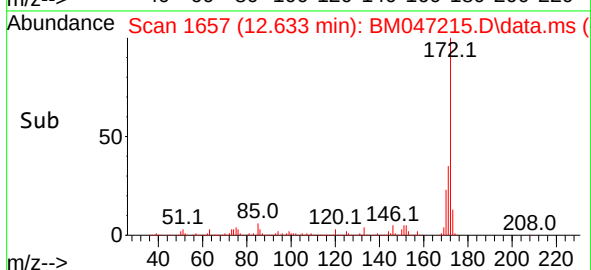
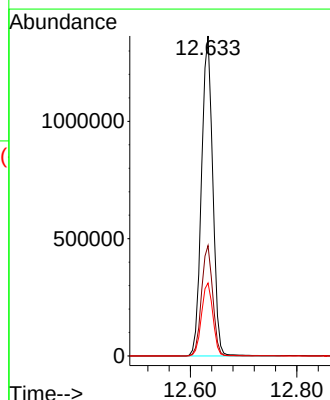
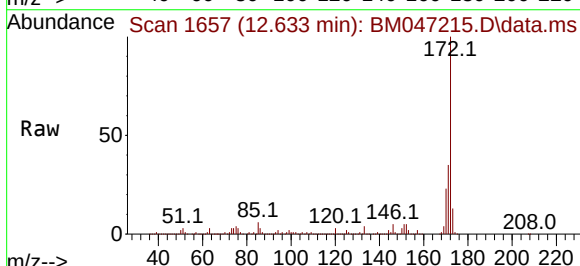
Tgt Ion:172 Resp: 1999655

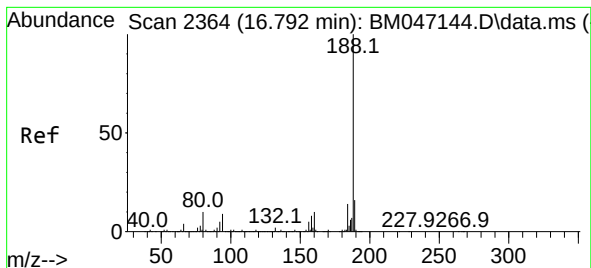
Ion Ratio Lower Upper

172 100

171 34.5 27.8 41.6

170 22.8 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: BM047215.D

Acq: 15 Aug 2024 14:51

Instrument :

BNA_M

ClientSampleId :

OU4-CF-13-080624

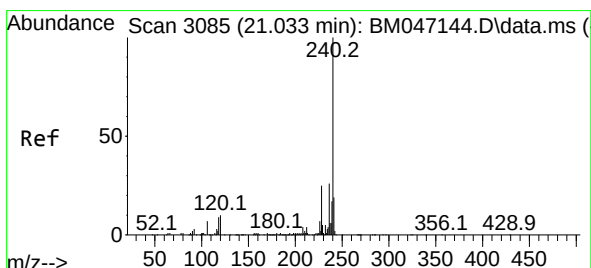
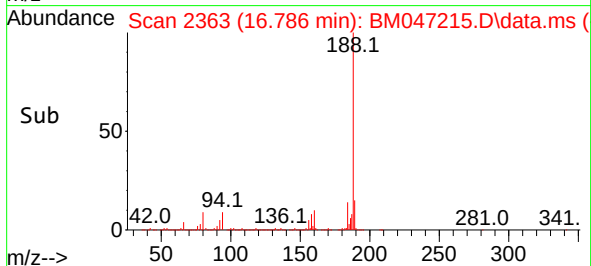
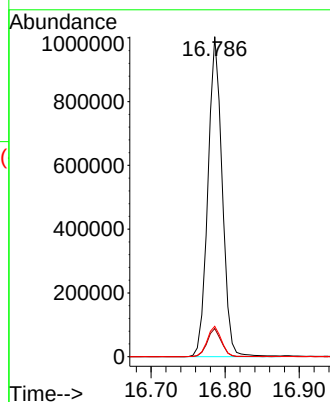
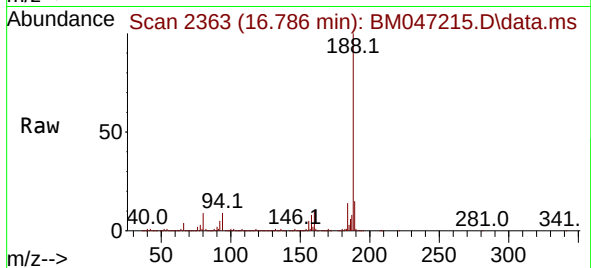
Tgt Ion:188 Resp: 1342652

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

80 9.5 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: BM047215.D

Acq: 15 Aug 2024 14:51

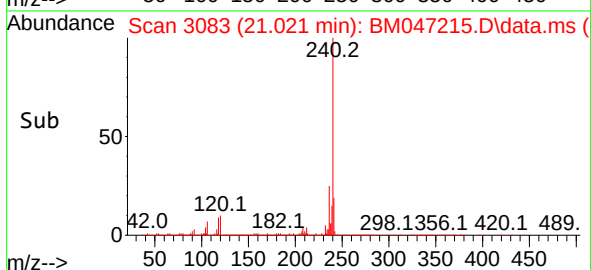
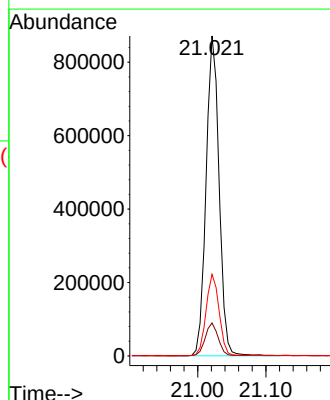
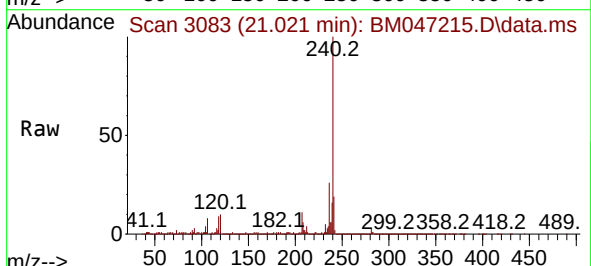
Tgt Ion:240 Resp: 1157063

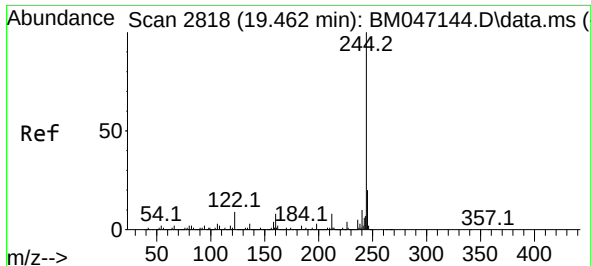
Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.2

236 25.5 20.6 30.8

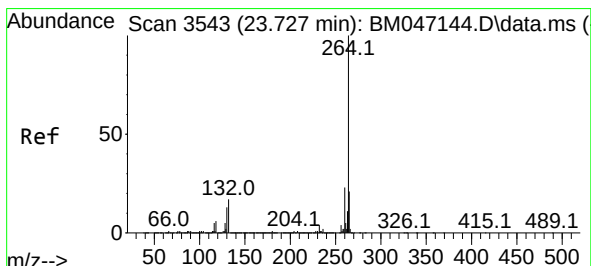
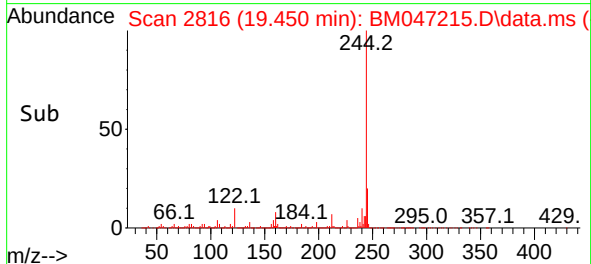
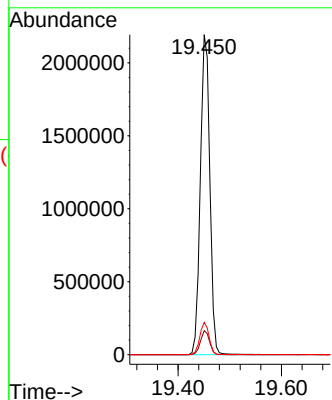
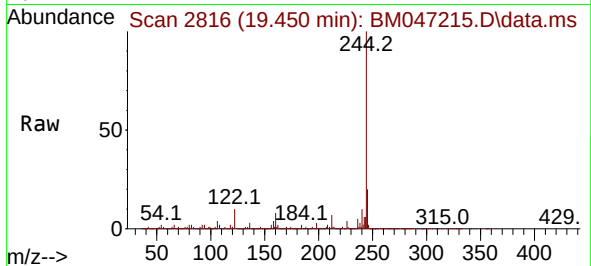




#79
 Terphenyl-d14
 Concen: 51.588 ng
 RT: 19.450 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047215.D
 Acq: 15 Aug 2024 14:51

Instrument :
 BNA_M
 ClientSampleId :
 OU4-CF-13-080624

Tgt Ion:244 Resp: 2785697
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 10.1 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: BM047215.D
 Acq: 15 Aug 2024 14:51

Tgt Ion:264 Resp: 1302529
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.5 27.7
 265 21.6 17.3 25.9

