

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081524\
 Data File : BM047214.D
 Acq On : 15 Aug 2024 14:11
 Operator : RC/JU
 Sample : P3520-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OU4-CF-14-080624

Quant Time: Aug 15 14:57:19 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	283952	20.000	ng	-0.01
21) Naphthalene-d8	10.122	136	1018429	20.000	ng	-0.01
39) Acenaphthene-d10	14.022	164	598262	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1194733	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1089622	20.000	ng	-0.01
86) Perylene-d12	23.721	264	1233826	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1595361	100.392	ng	0.00
7) Phenol-d6	6.581	99	2053777	93.793	ng	0.00
23) Nitrobenzene-d5	8.510	82	1318072	65.168	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	739753	106.640	ng	0.00
45) 2-Fluorobiphenyl	12.628	172	2545687	65.637	ng	-0.02
79) Terphenyl-d14	19.457	244	3609954	70.991	ng	0.00

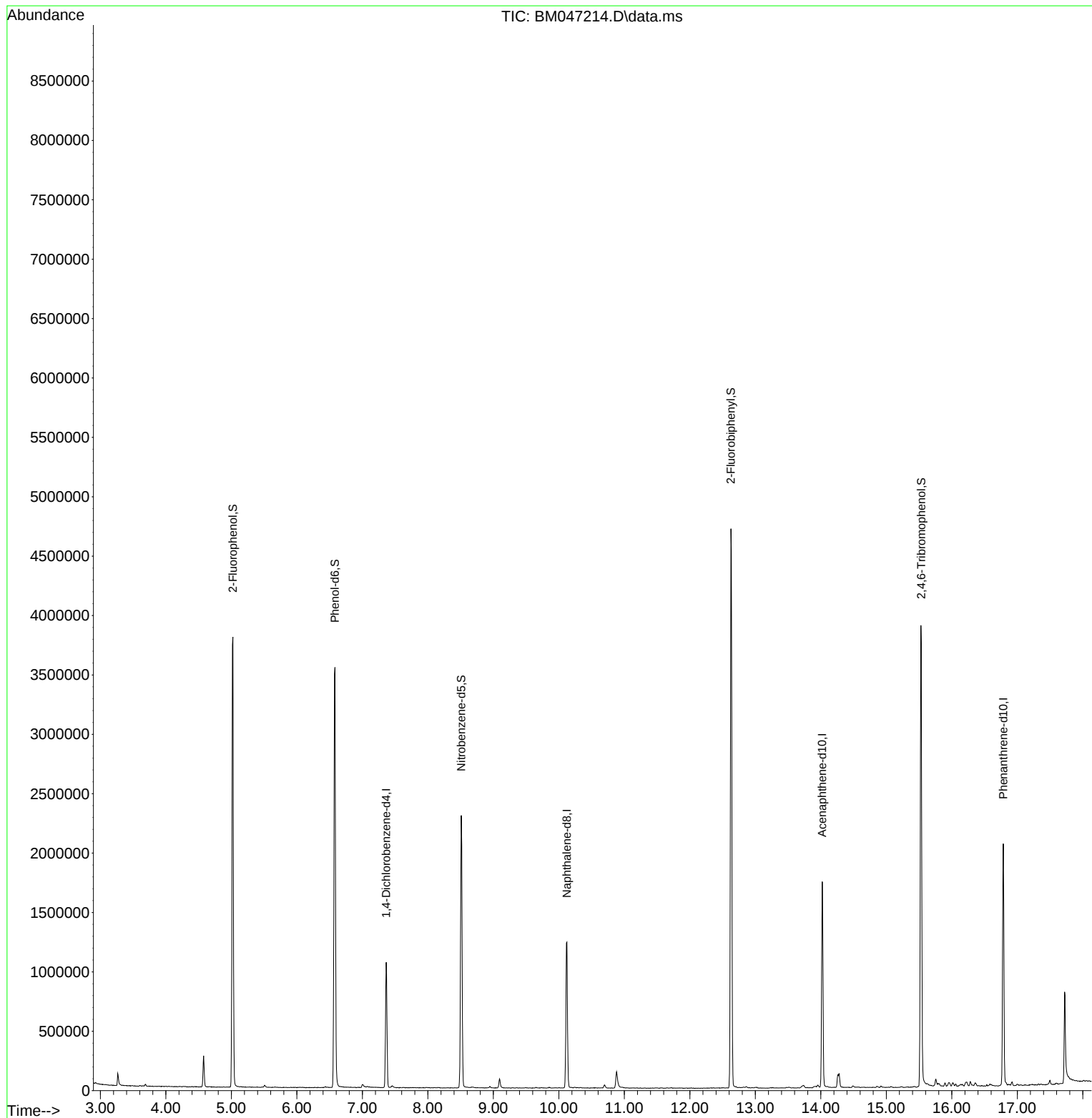
Target Compounds	Qvalue

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

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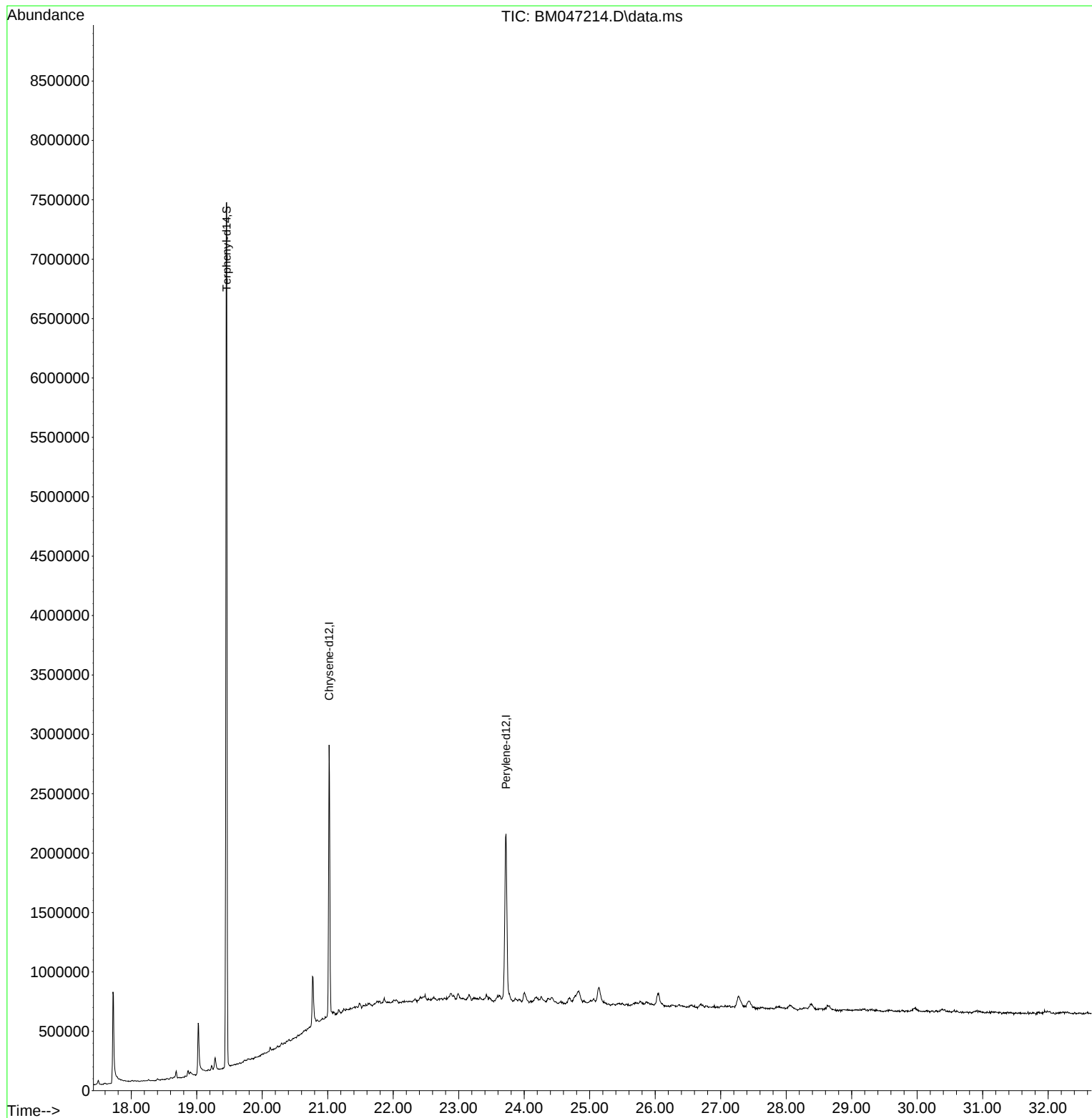
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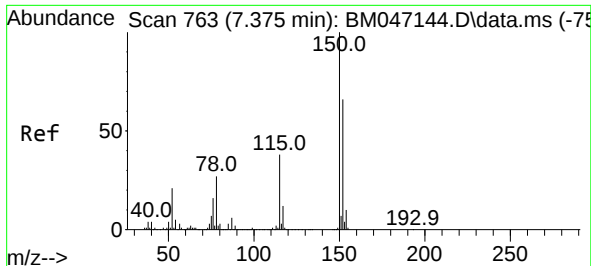


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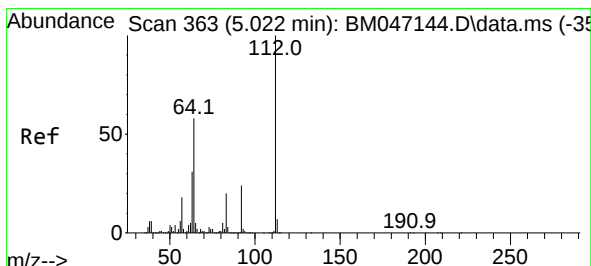
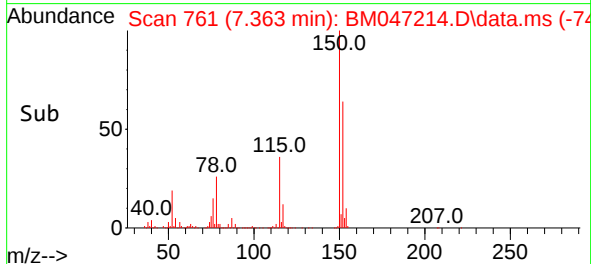
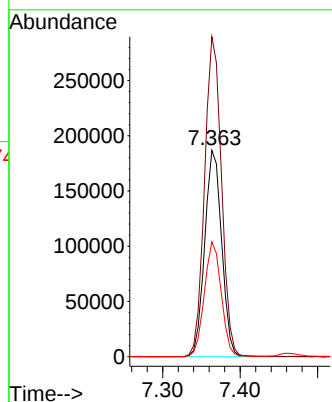
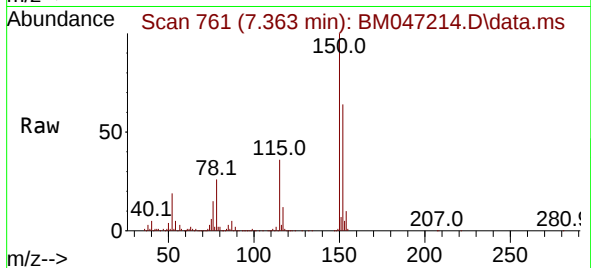




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 761
Delta R.T. -0.012 min
Lab File: BM047214.D
Acq: 15 Aug 2024 14:11

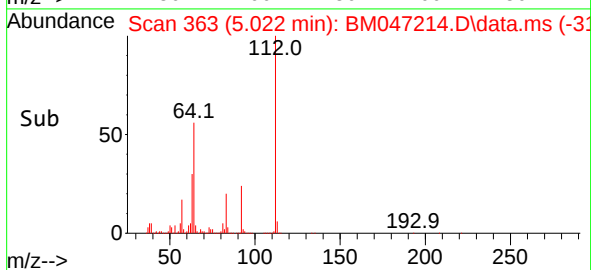
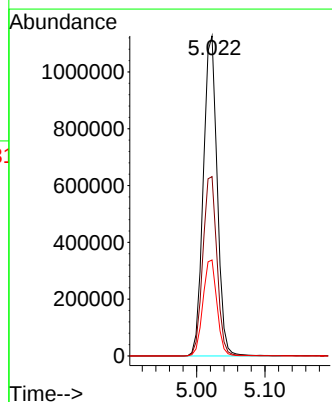
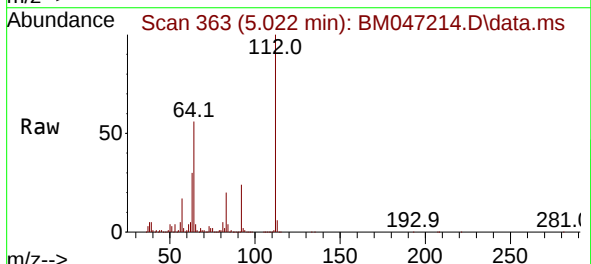
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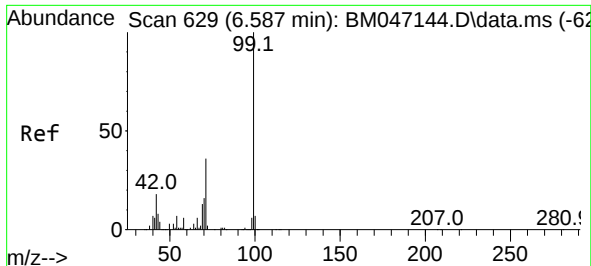
Tgt Ion:152 Resp: 283952
Ion Ratio Lower Upper
152 100
150 155.1 120.5 180.7
115 55.7 45.5 68.3



#5
2-Fluorophenol
Concen: 100.392 ng
RT: 5.022 min Scan# 363
Delta R.T. 0.000 min
Lab File: BM047214.D
Acq: 15 Aug 2024 14:11

Tgt Ion:112 Resp: 1595361
Ion Ratio Lower Upper
112 100
64 56.1 46.7 70.1
63 30.0 24.8 37.2

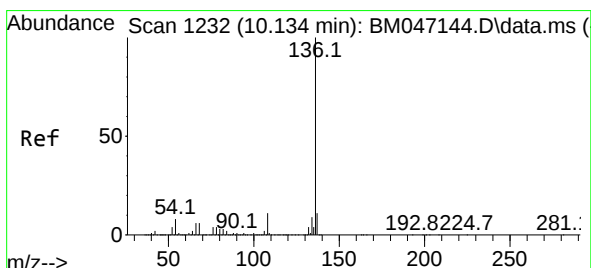
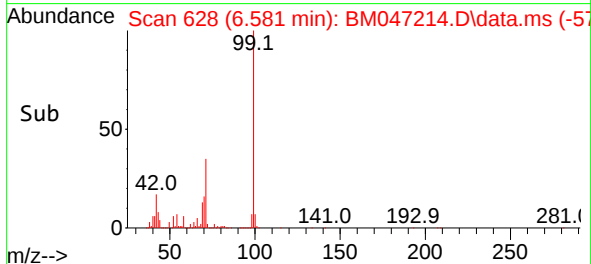
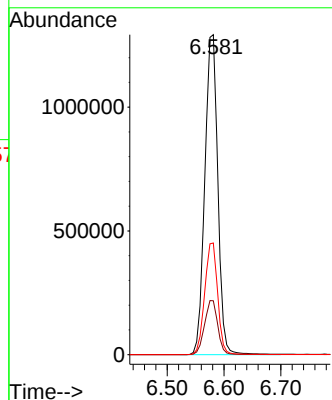
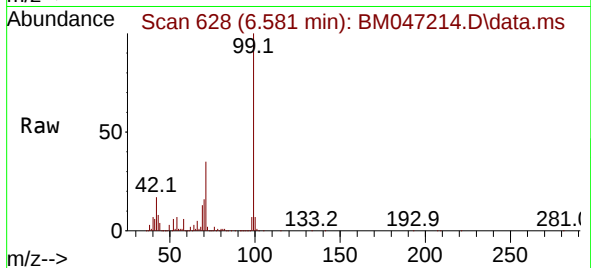




#7
Phenol-d6
Concen: 93.793 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047214.D
Acq: 15 Aug 2024 14:11

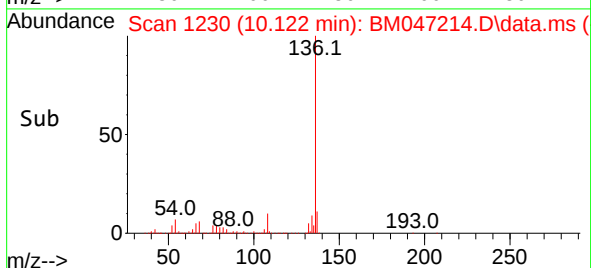
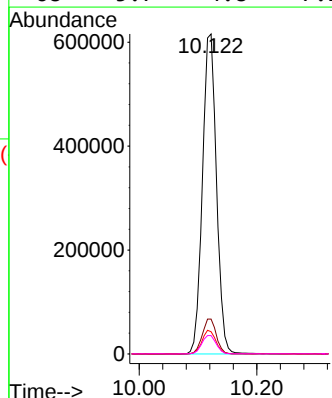
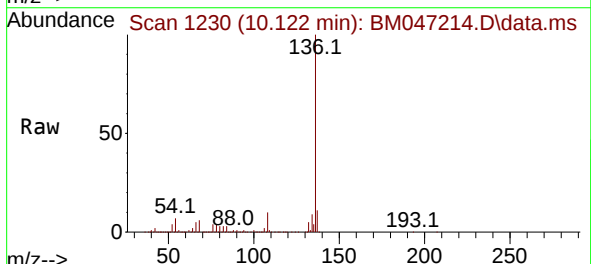
Instrument :
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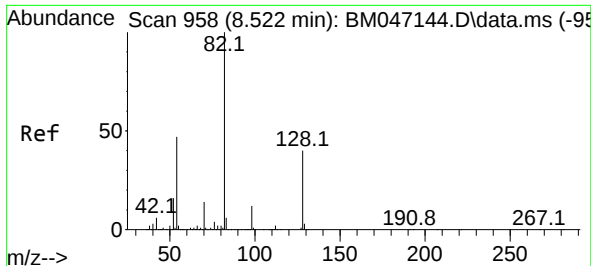
Tgt Ion: 99 Resp: 2053777
Ion Ratio Lower Upper
99 100
42 16.9 14.1 21.1
71 34.9 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BM047214.D
Acq: 15 Aug 2024 14:11

Tgt Ion: 136 Resp: 1018429
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.9 6.0 9.0
68 5.7 4.8 7.2

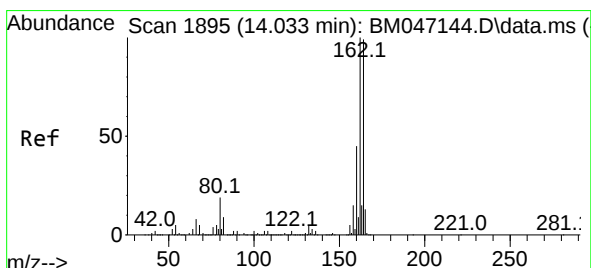
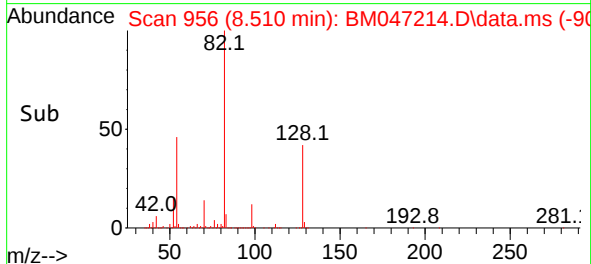
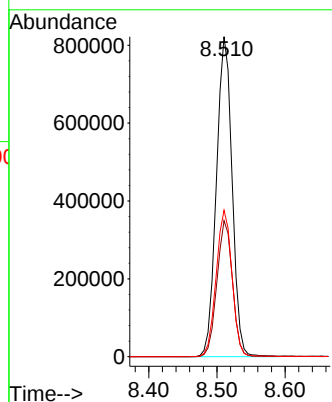
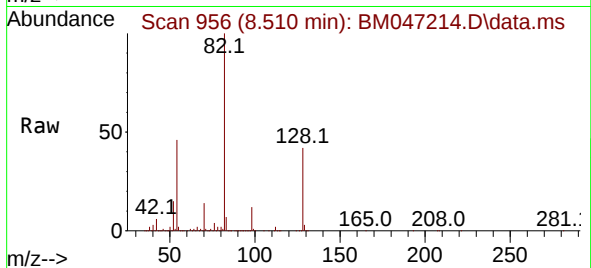




#23
Nitrobenzene-d5
Concen: 65.168 ng
RT: 8.510 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM047214.D
Acq: 15 Aug 2024 14:11

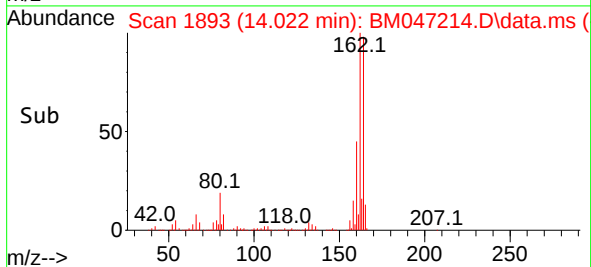
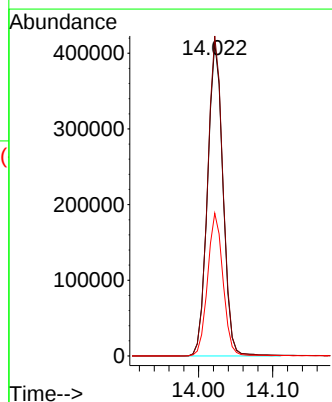
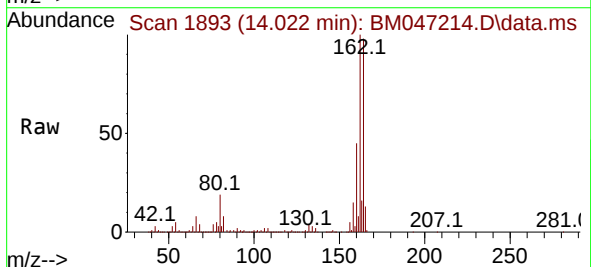
Instrument :
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ClientSampleId :
OU4-CF-14-080624

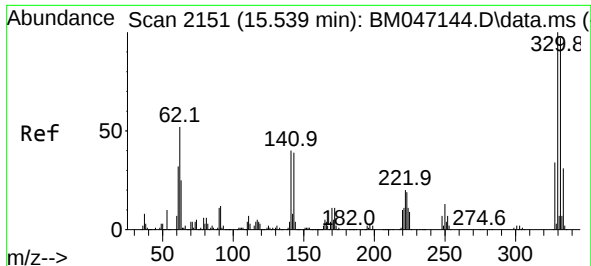
Tgt Ion: 82 Resp: 1318072
Ion Ratio Lower Upper
82 100
128 42.5 32.3 48.5
54 45.8 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.022 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BM047214.D
Acq: 15 Aug 2024 14:11

Tgt Ion:164 Resp: 598262
Ion Ratio Lower Upper
164 100
162 102.1 80.7 121.1
160 45.5 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 106.640 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047214.D

Acq: 15 Aug 2024 14:11

Instrument :

BNA_M

ClientSampleId :

OU4-CF-14-080624

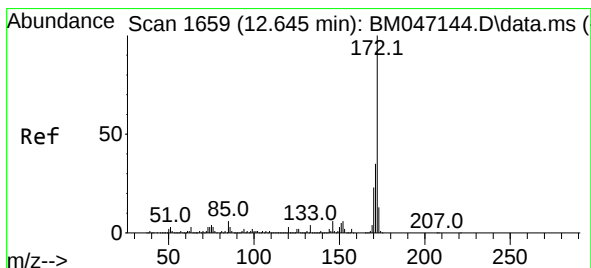
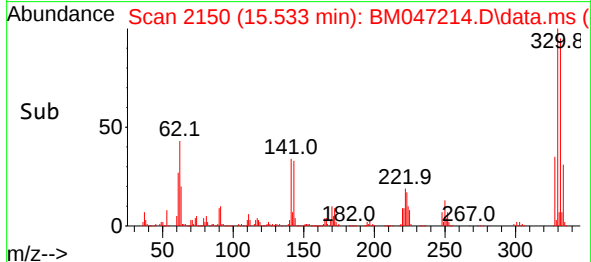
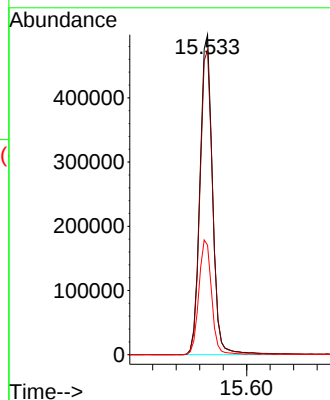
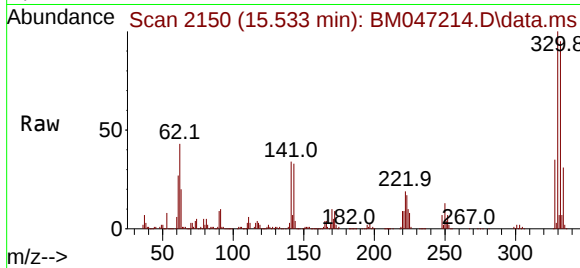
Tgt Ion:330 Resp: 739753

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

141 36.3 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 65.637 ng

RT: 12.628 min Scan# 1656

Delta R.T. -0.017 min

Lab File: BM047214.D

Acq: 15 Aug 2024 14:11

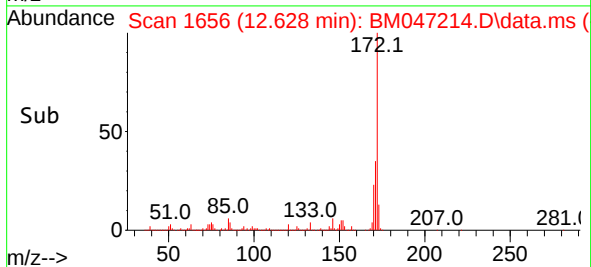
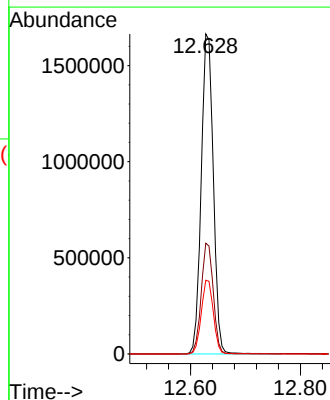
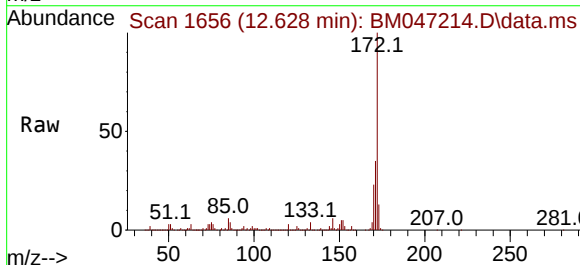
Tgt Ion:172 Resp: 2545687

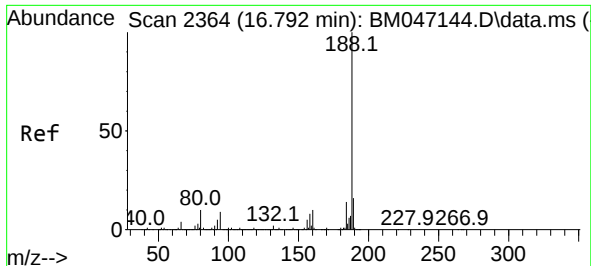
Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.6

170 23.0 18.7 28.1

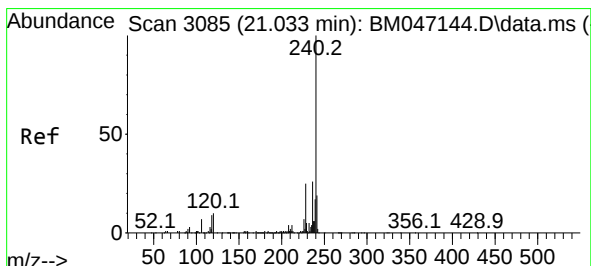
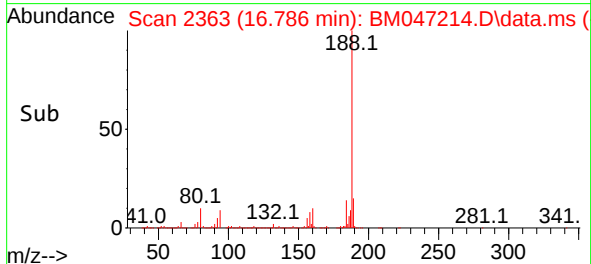
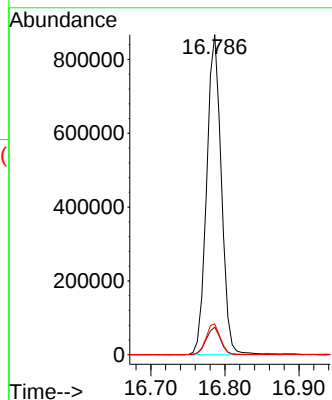
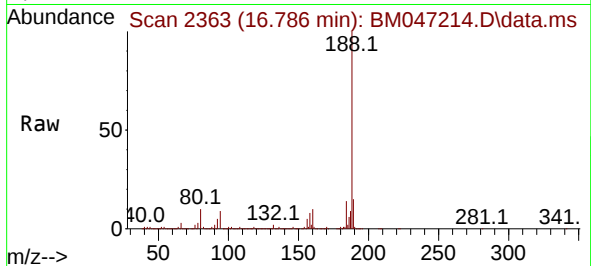




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.786 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047214.D
Acq: 15 Aug 2024 14:11

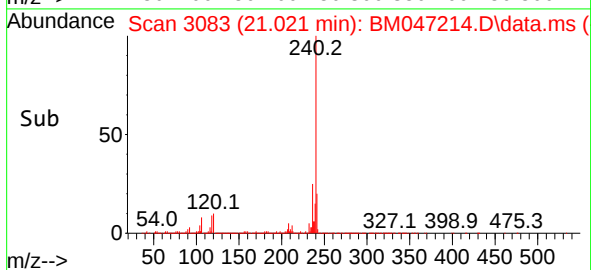
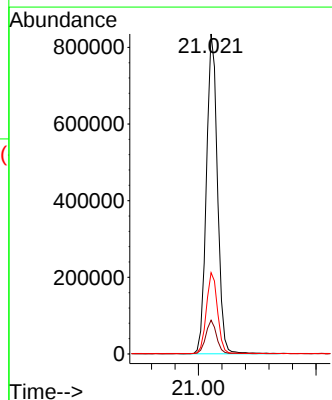
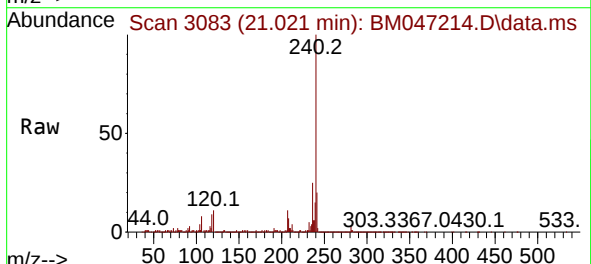
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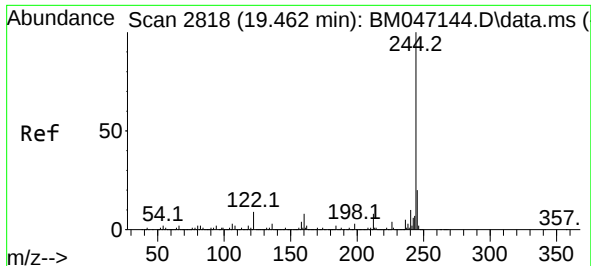
Tgt Ion:188 Resp: 1194733
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.6 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BM047214.D
Acq: 15 Aug 2024 14:11

Tgt Ion:240 Resp: 1089622
Ion Ratio Lower Upper
240 100
120 10.6 8.2 12.2
236 25.4 20.6 30.8

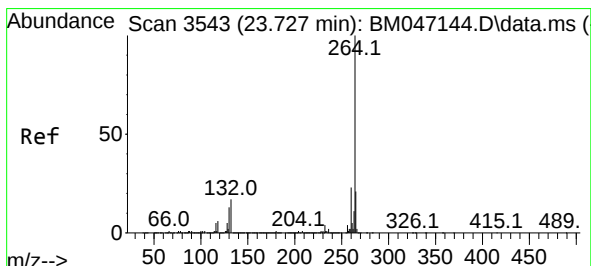
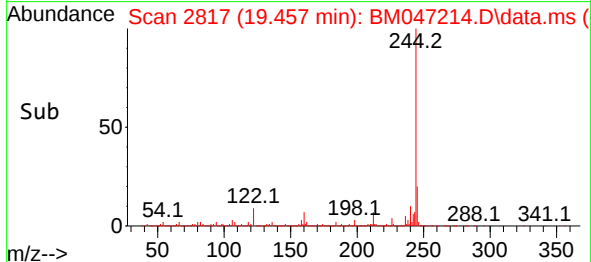
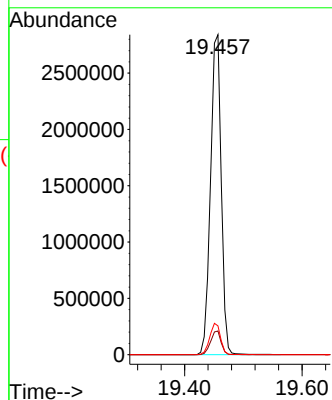
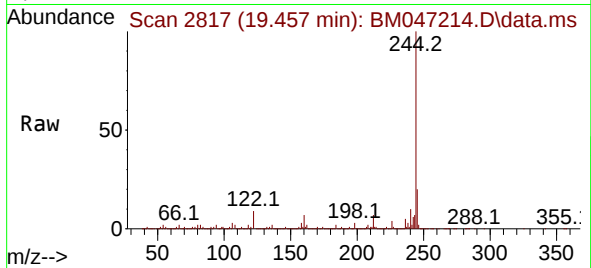




#79
Terphenyl-d14
Concen: 70.991 ng
RT: 19.457 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047214.D
Acq: 15 Aug 2024 14:11

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:244 Resp: 3609954
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.4
122 9.0 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: BM047214.D
Acq: 15 Aug 2024 14:11

Tgt Ion:264 Resp: 1233826
Ion Ratio Lower Upper
264 100
260 22.9 18.5 27.7
265 21.4 17.3 25.9

