

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081924\
 Data File : BM047253.D
 Acq On : 19 Aug 2024 15:28
 Operator : RC/JU
 Sample : P3596-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 918-J-WS-081324-FD

Quant Time: Aug 19 16:11:08 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)

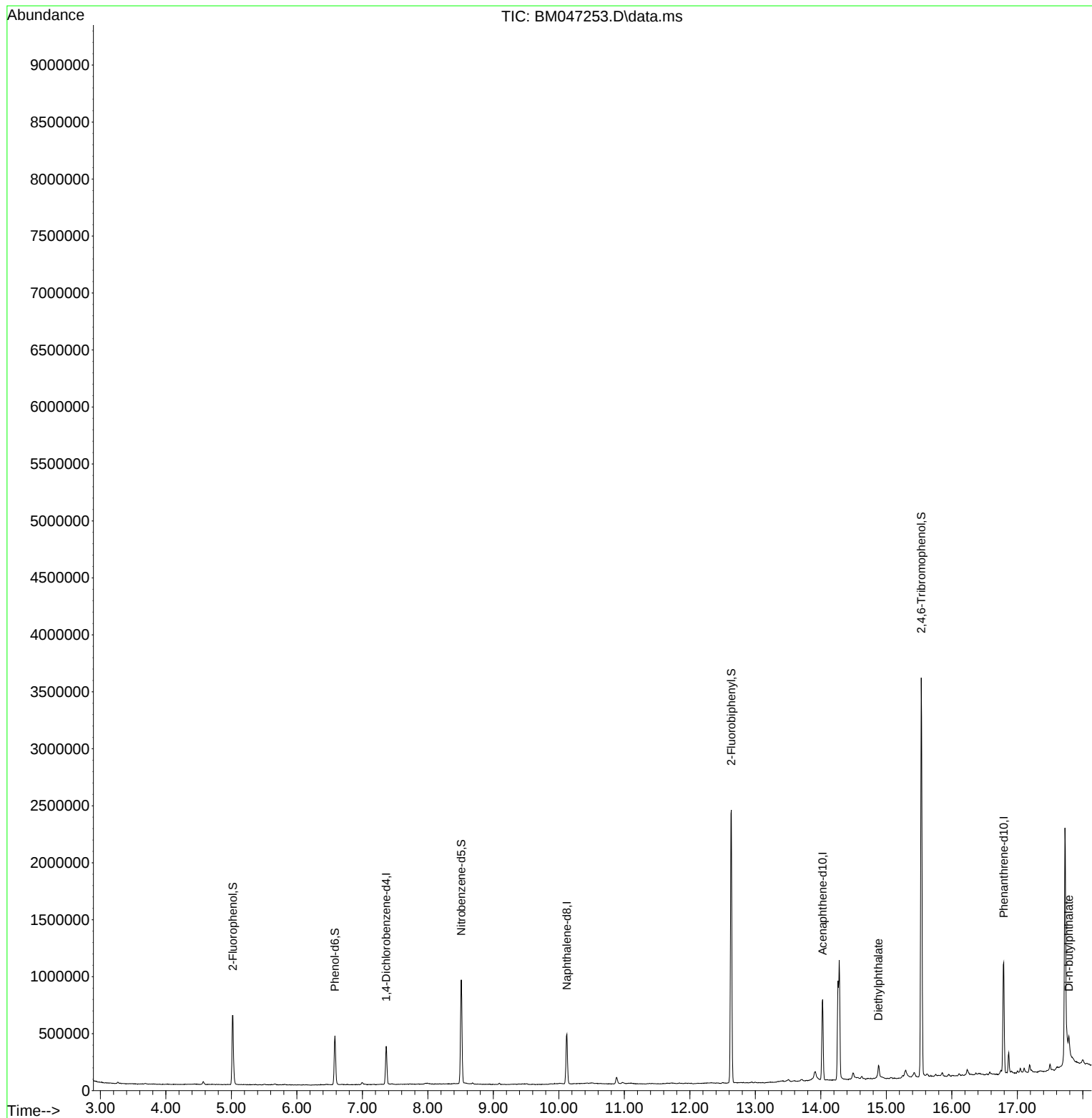
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.363	152	93237	20.000	ng	-0.01
21) Naphthalene-d8	10.122	136	357184	20.000	ng	-0.01
39) Acenaphthene-d10	14.027	164	250946	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	601080	20.000	ng	0.00
76) Chrysene-d12	21.033	240	796686	20.000	ng	0.00
86) Perylene-d12	23.733	264	1102343	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	289518	55.485	ng	0.00
7) Phenol-d6	6.581	99	253621	35.274	ng	0.00
23) Nitrobenzene-d5	8.510	82	518045	73.030	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	644988	221.664	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	1282046	78.805	ng	-0.01
79) Terphenyl-d14	19.456	244	3492251	93.927	ng	0.00
Target Compounds						
9) Benzaldehyde	6.522	77	854	Below Cal	Qvalue #	37
60) Diethylphthalate	14.880	149	93689	5.235	ng	98
74) Di-n-butylphthalate	17.786	149	106071	3.042	ng	98

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

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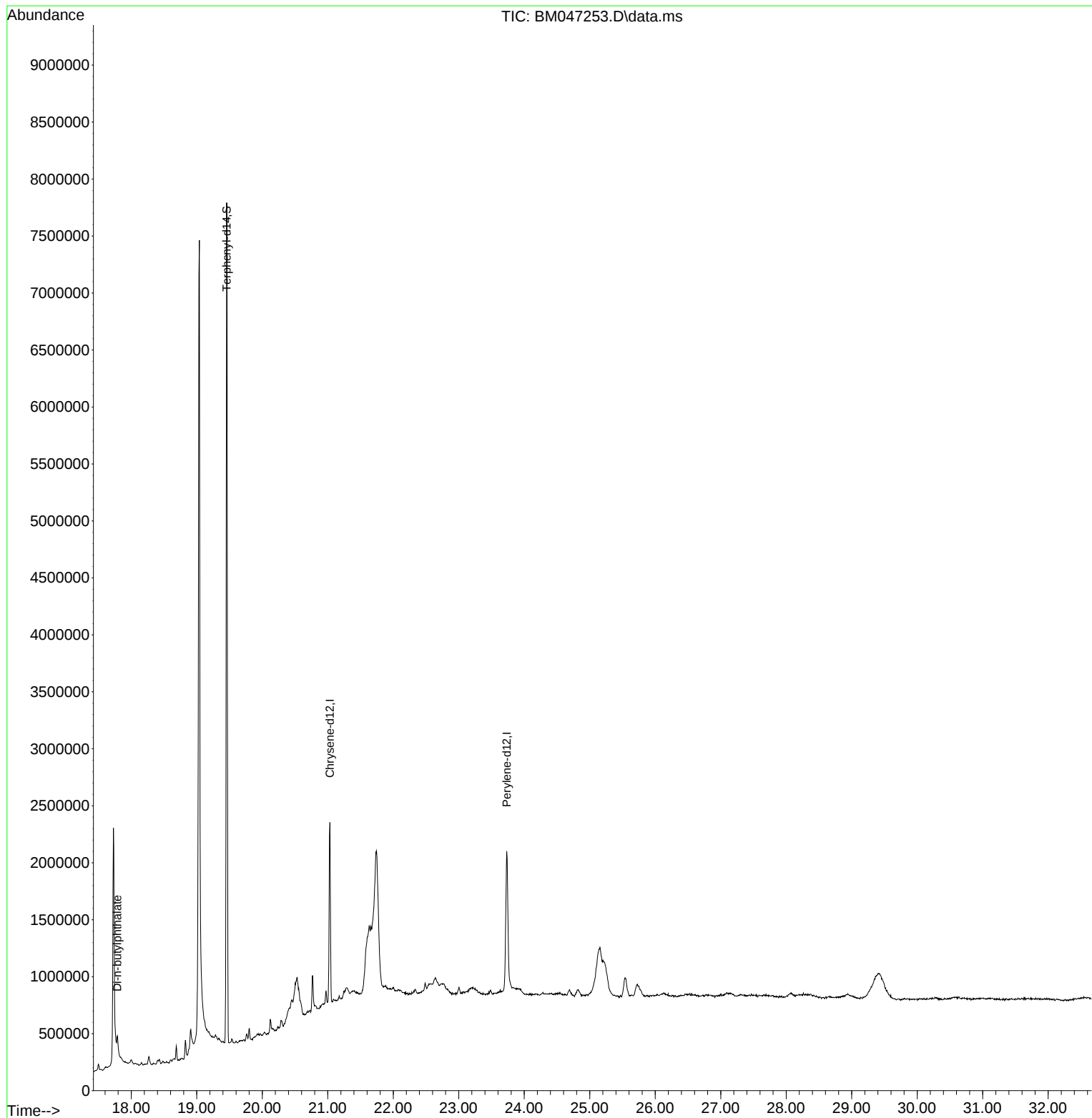
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

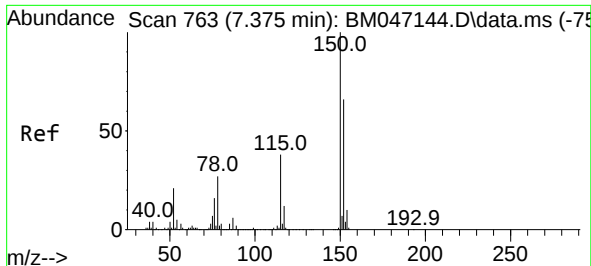


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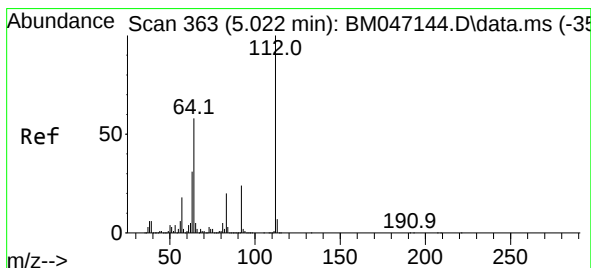
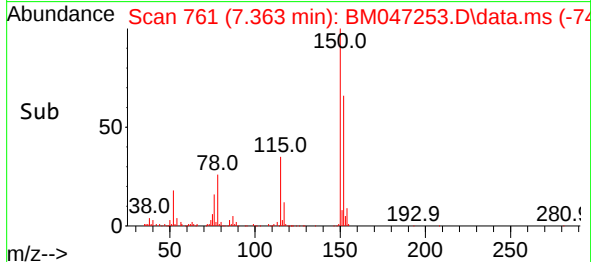
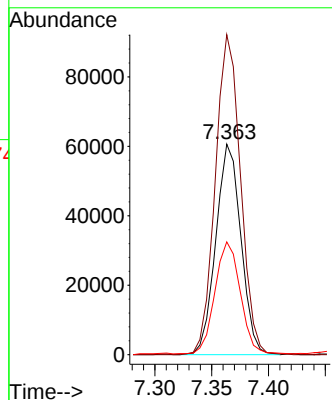
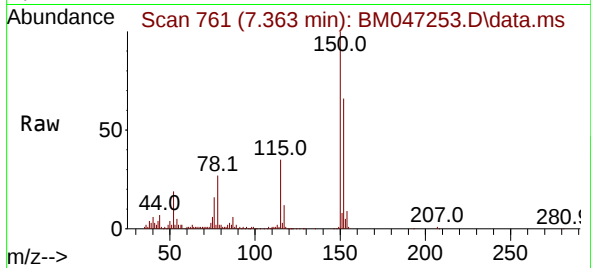




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 761
Delta R.T. -0.012 min
Lab File: BM047253.D
Acq: 19 Aug 2024 15:28

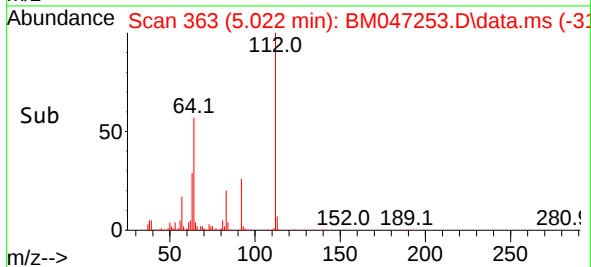
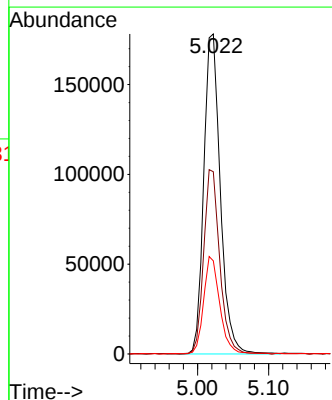
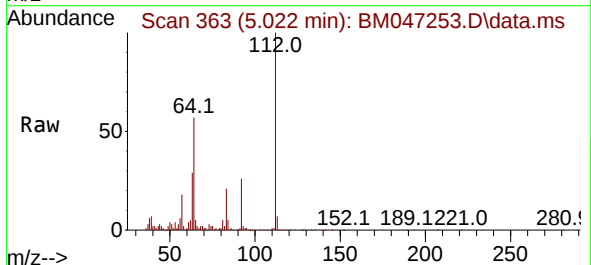
Instrument :
BNA_M
ClientSampleId :
918-J-WS-081324-FD

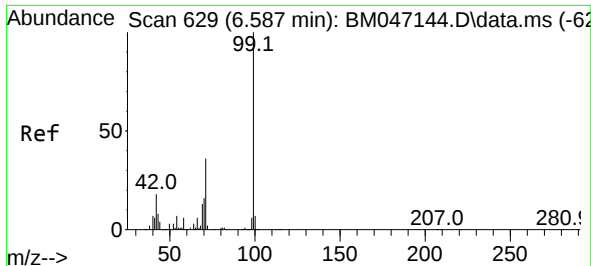
Tgt Ion:152 Resp: 93237
Ion Ratio Lower Upper
152 100
150 152.0 120.5 180.7
115 53.5 45.5 68.3



#5
2-Fluorophenol
Concen: 55.485 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047253.D
Acq: 19 Aug 2024 15:28

Tgt Ion:112 Resp: 289518
Ion Ratio Lower Upper
112 100
64 57.0 46.7 70.1
63 29.1 24.8 37.2

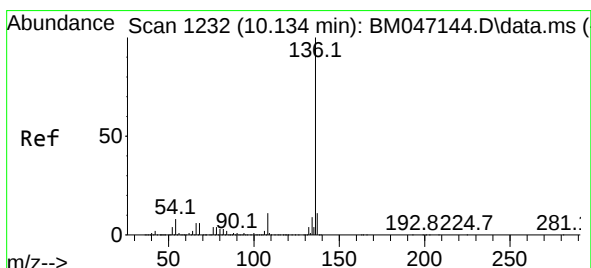
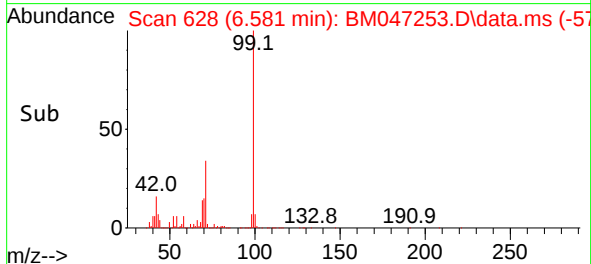
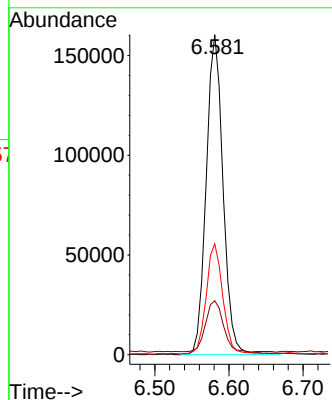
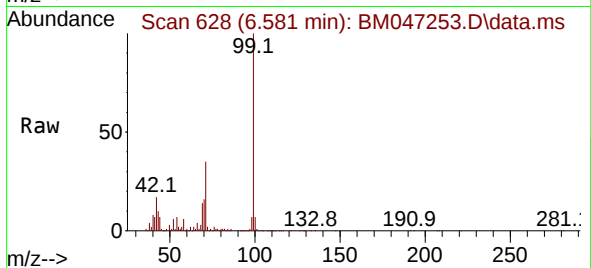




#7
Phenol-d6
Concen: 35.274 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047253.D
Acq: 19 Aug 2024 15:28

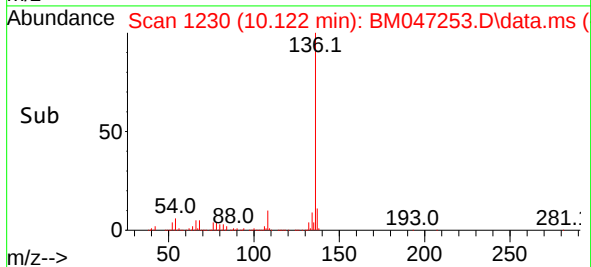
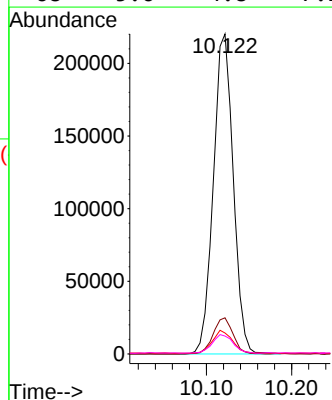
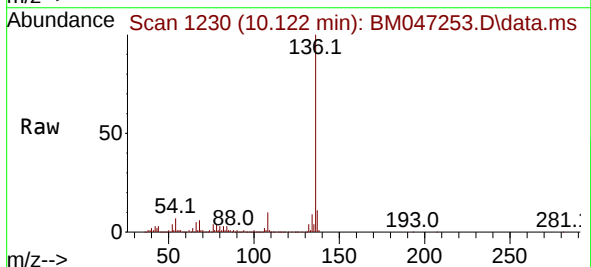
Instrument :
BNA_M
ClientSampleId :
918-J-WS-081324-FD

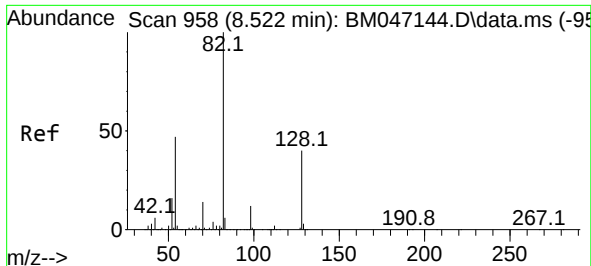
Tgt Ion: 99 Resp: 253621
Ion Ratio Lower Upper
99 100
42 16.8 14.1 21.1
71 34.7 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BM047253.D
Acq: 19 Aug 2024 15:28

Tgt Ion: 136 Resp: 357184
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.6 6.0 9.0
68 5.6 4.8 7.2

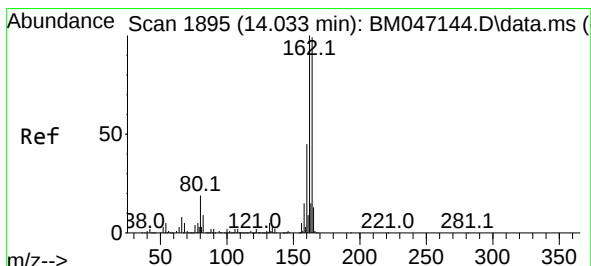
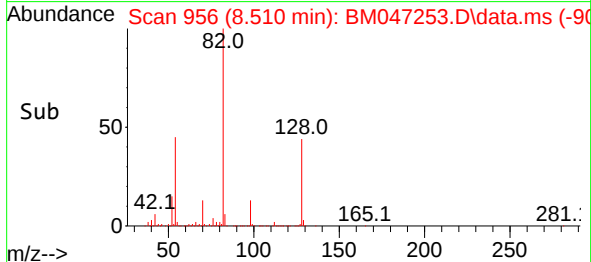
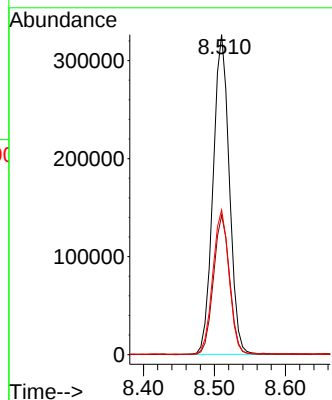
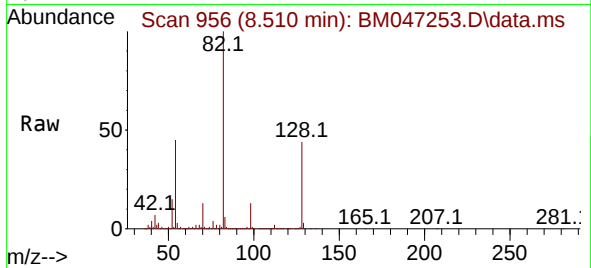




#23
 Nitrobenzene-d5
 Concen: 73.030 ng
 RT: 8.510 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BM047253.D
 Acq: 19 Aug 2024 15:28

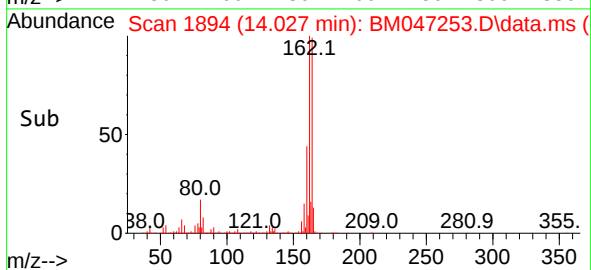
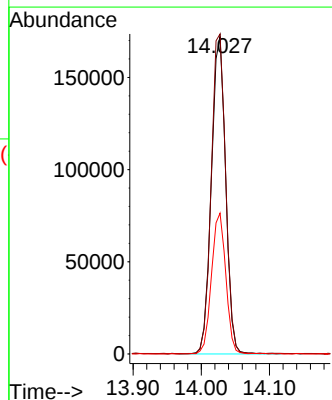
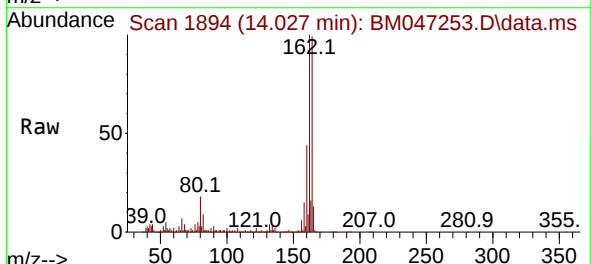
Instrument :
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 ClientSampleId :
 918-J-WS-081324-FD

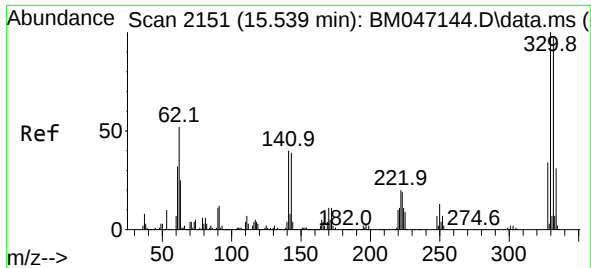
Tgt Ion: 82 Resp: 518045
 Ion Ratio Lower Upper
 82 100
 128 43.5 32.3 48.5
 54 45.3 37.4 56.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.027 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: BM047253.D
 Acq: 19 Aug 2024 15:28

Tgt Ion: 164 Resp: 250946
 Ion Ratio Lower Upper
 164 100
 162 100.8 80.7 121.1
 160 44.4 36.0 54.0

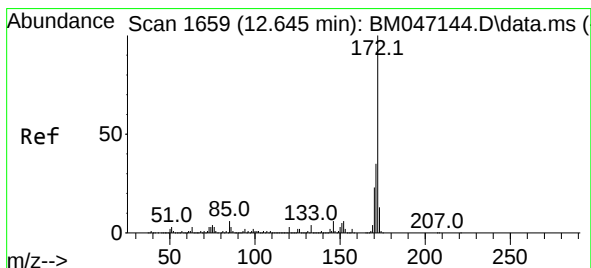
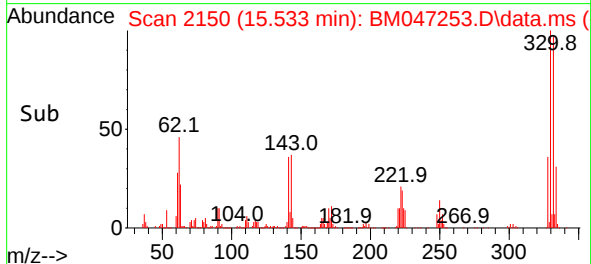
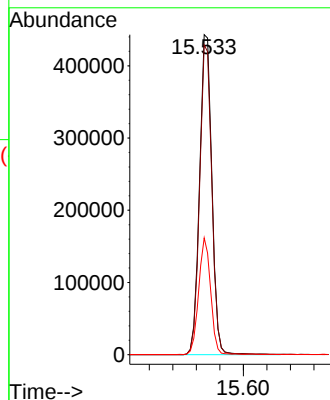
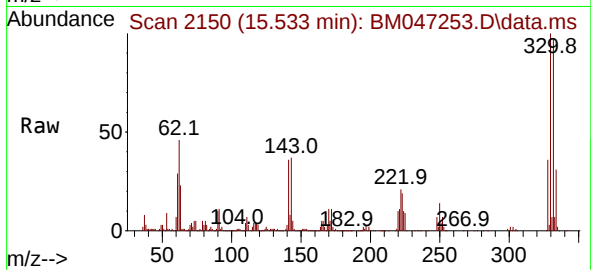




#42
2,4,6-Tribromophenol
Concen: 221.664 ng
RT: 15.533 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM047253.D
Acq: 19 Aug 2024 15:28

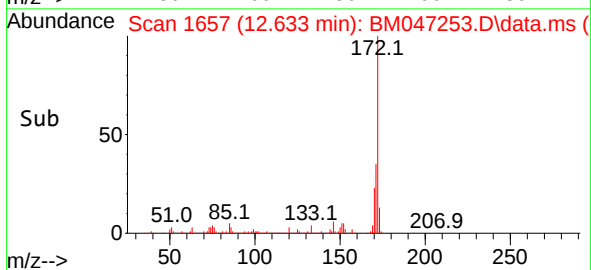
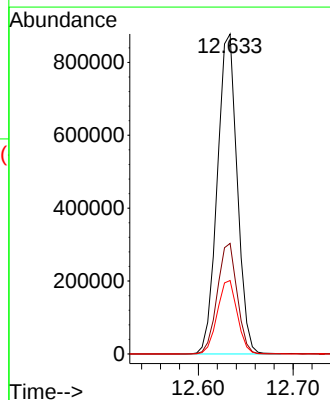
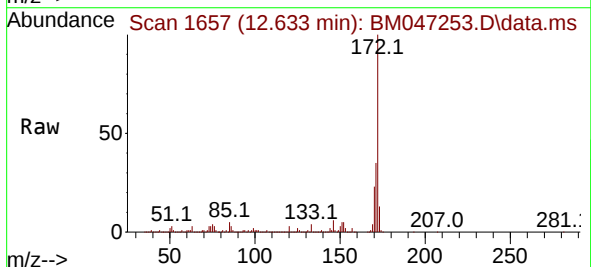
Instrument :
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918-J-WS-081324-FD

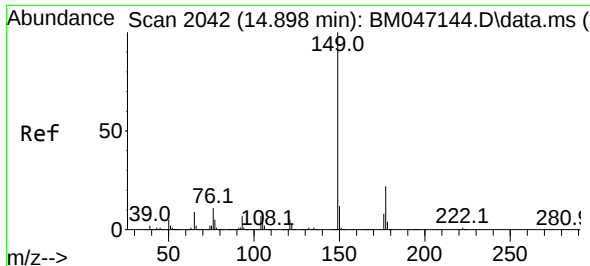
Tgt Ion:330 Resp: 644988
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.2
141 35.1 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 78.805 ng
RT: 12.633 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BM047253.D
Acq: 19 Aug 2024 15:28

Tgt Ion:172 Resp: 1282046
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.0 18.7 28.1

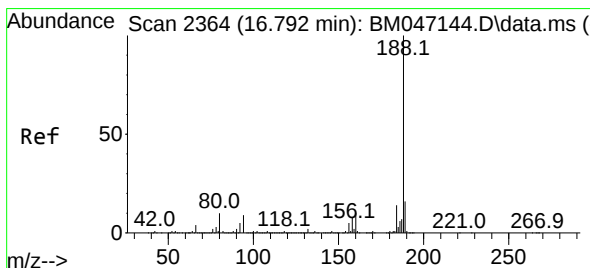
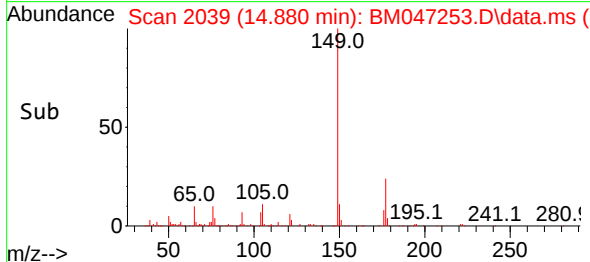
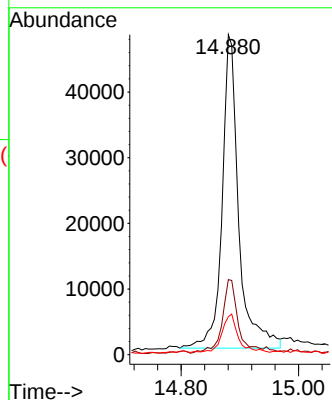
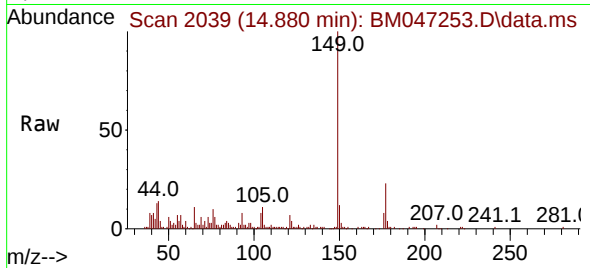




#60
Diethylphthalate
Concen: 5.235 ng
RT: 14.880 min Scan# 2042
Delta R.T. -0.018 min
Lab File: BM047253.D
Acq: 19 Aug 2024 15:28

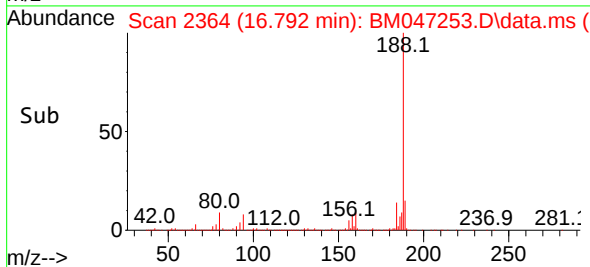
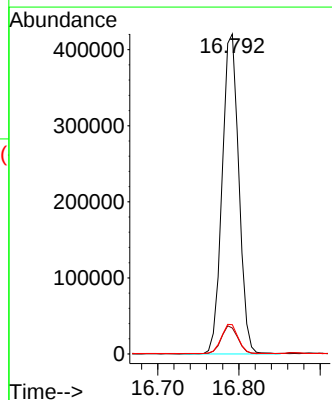
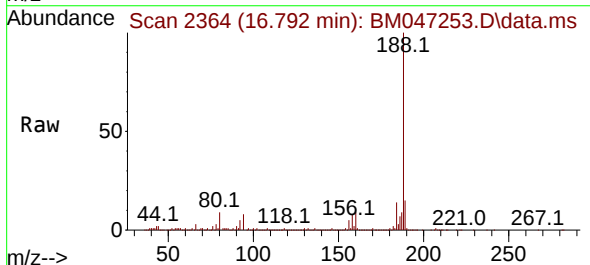
Instrument :
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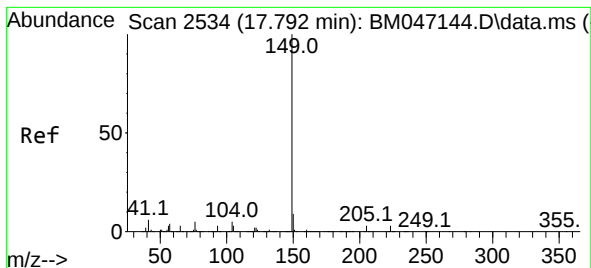
Tgt Ion:149 Resp: 93689
Ion Ratio Lower Upper
149 100
177 23.4 17.6 26.4
150 11.9 9.8 14.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.792 min Scan# 2364
Delta R.T. -0.000 min
Lab File: BM047253.D
Acq: 19 Aug 2024 15:28

Tgt Ion:188 Resp: 601080
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 9.2 8.0 12.0





#74

Di-n-butylphthalate

Concen: 3.042 ng

RT: 17.786 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047253.D

Acq: 19 Aug 2024 15:28

Instrument :

BNA_M

ClientSampleId :

918-J-WS-081324-FD

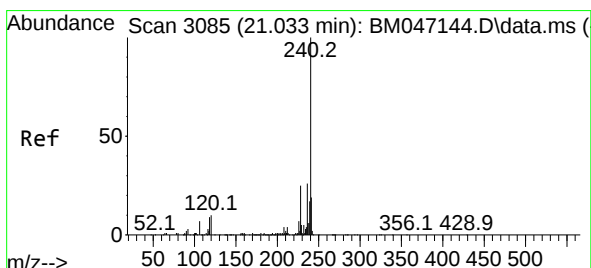
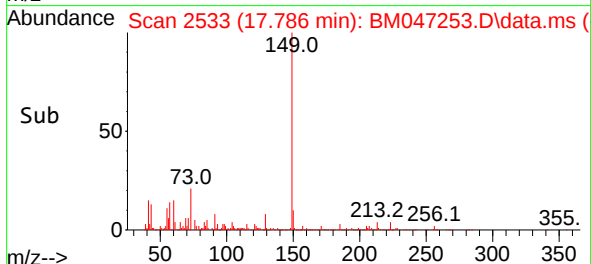
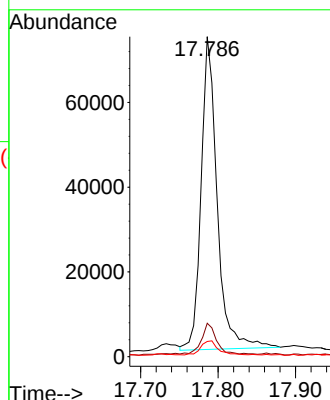
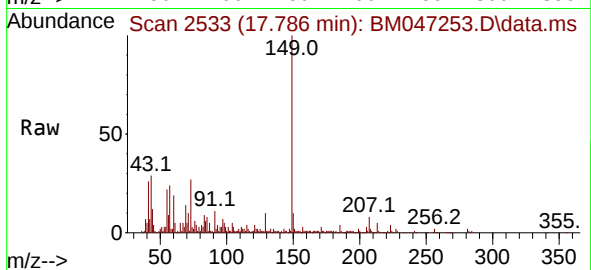
Tgt Ion:149 Resp: 106071

Ion Ratio Lower Upper

149 100

150 10.5 7.5 11.3

104 4.8 4.1 6.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.033 min Scan# 3085

Delta R.T. -0.000 min

Lab File: BM047253.D

Acq: 19 Aug 2024 15:28

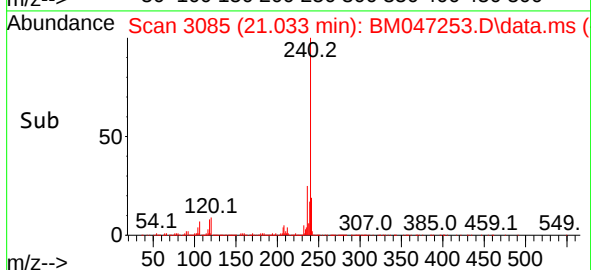
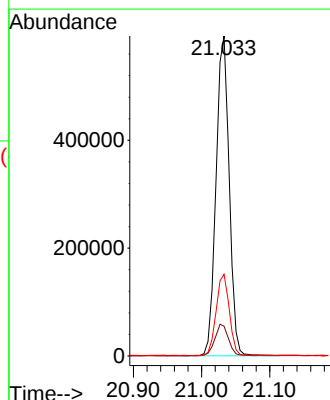
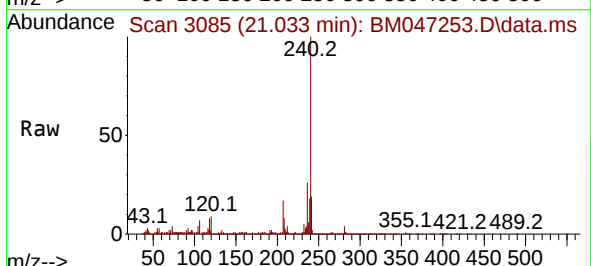
Tgt Ion:240 Resp: 796686

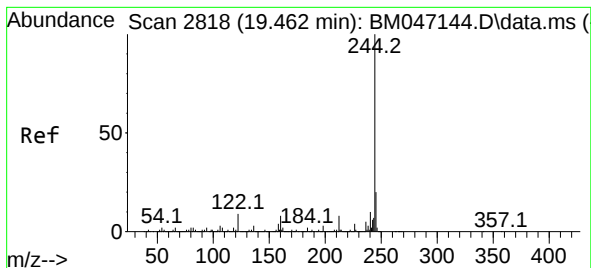
Ion Ratio Lower Upper

240 100

120 9.3 8.2 12.2

236 25.6 20.6 30.8





#79

Terphenyl-d14

Concen: 93.927 ng

RT: 19.456 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047253.D

Acq: 19 Aug 2024 15:28

Instrument :

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ClientSampleId :

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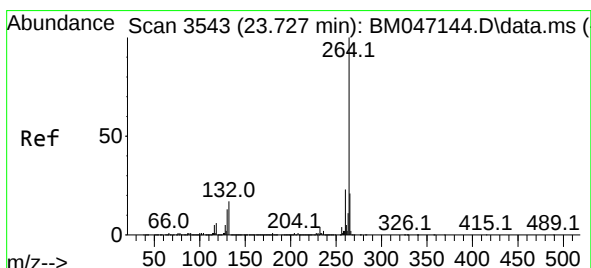
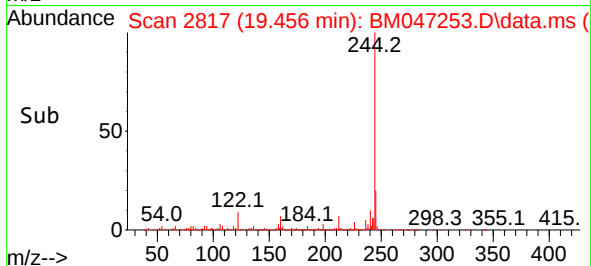
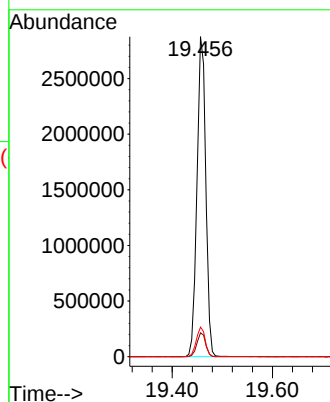
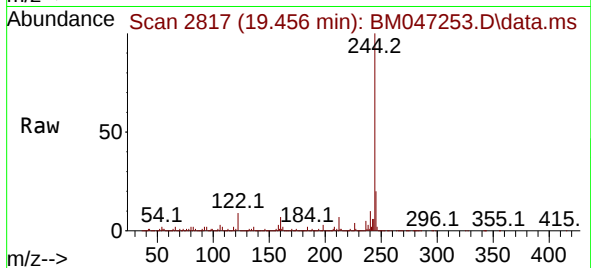
Tgt Ion:244 Resp: 3492251

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.4

122 9.2 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.733 min Scan# 3544

Delta R.T. 0.006 min

Lab File: BM047253.D

Acq: 19 Aug 2024 15:28

Tgt Ion:264 Resp: 1102343

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 22.3 17.3 25.9

