

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
 Data File : BM047570.D
 Acq On : 19 Sep 2024 14:34
 Operator : RC/JU
 Sample : P3845-22
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RR-TRIAZINE-WP

Quant Time: Sep 19 15:17:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 08:56:37 2024
 Response via : Initial Calibration

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

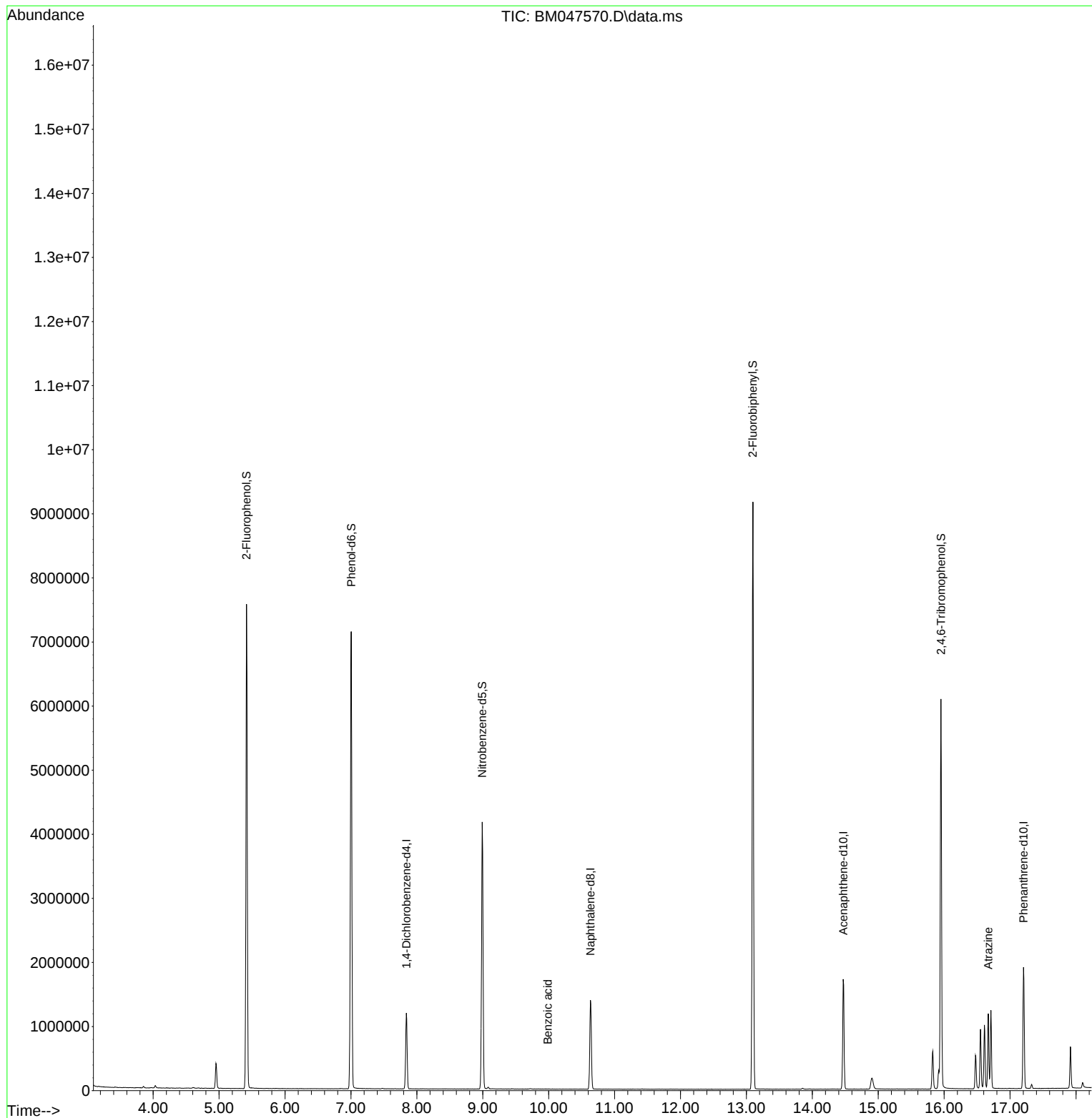
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	294611	20.000	ng	-0.01
21) Naphthalene-d8	10.634	136	1113898	20.000	ng	-0.01
39) Acenaphthene-d10	14.469	164	542943	20.000	ng	-0.01
64) Phenanthrene-d10	17.204	188	990223	20.000	ng	-0.01
76) Chrysene-d12	21.433	240	743798	20.000	ng	-0.01
86) Perylene-d12	24.456	264	838933	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	2967957	160.402	ng	0.00
7) Phenol-d6	7.004	99	3801297	145.880	ng	0.00
23) Nitrobenzene-d5	8.993	82	2327347	104.565	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	787399	150.037	ng	-0.01
45) 2-Fluorobiphenyl	13.098	172	4185573	106.194	ng	-0.01
79) Terphenyl-d14	19.821	244	5441080	131.085	ng	-0.01
Target Compounds						
32) Benzoic acid	9.987	122	55	6.703	ng	Qvalue # 23
69) Atrazine	16.669	200	160710	19.194	ng	98

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

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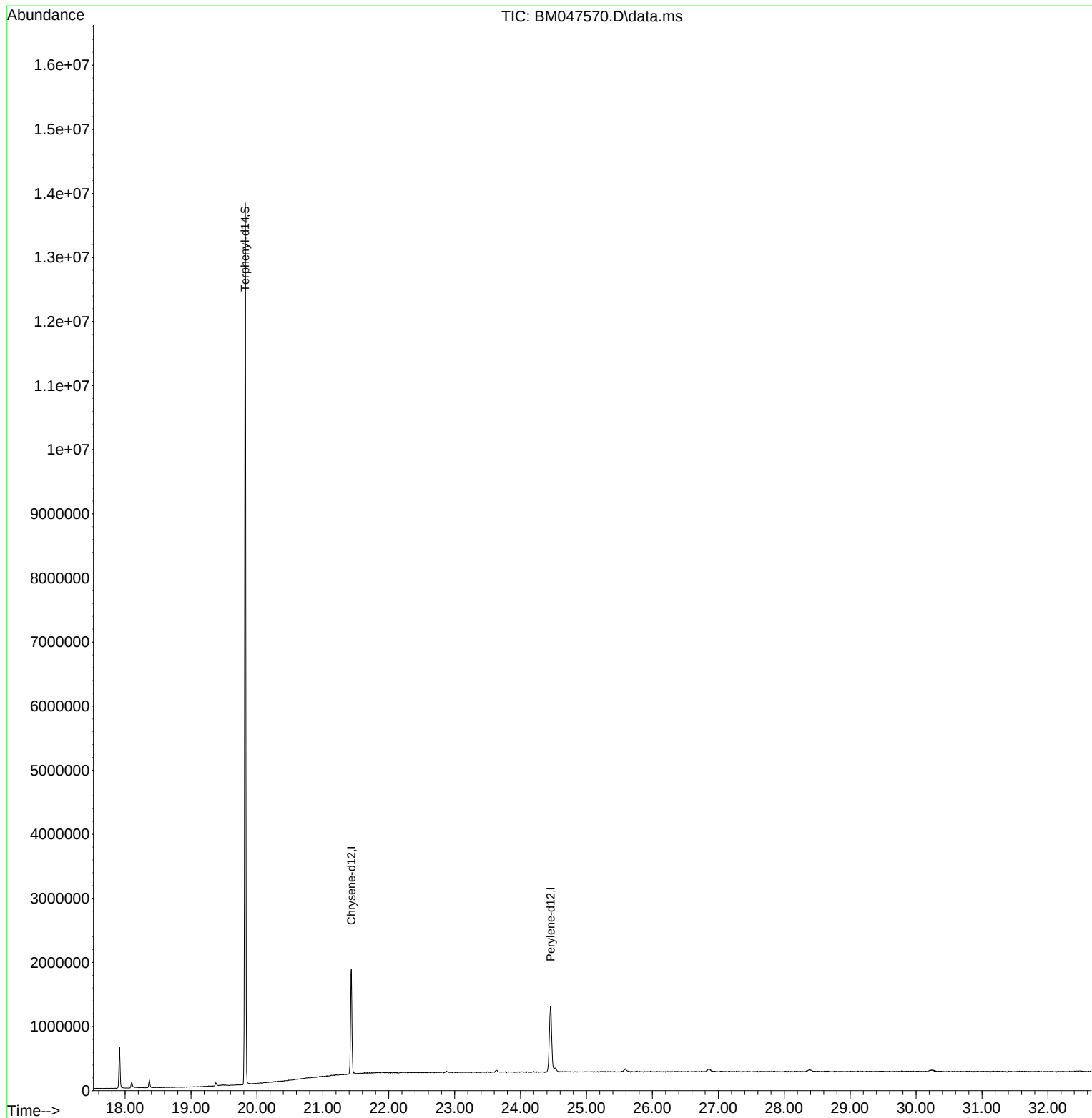
Quant Time: Sep 19 15:17:34 2024
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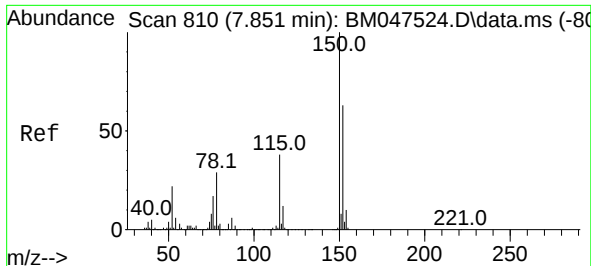


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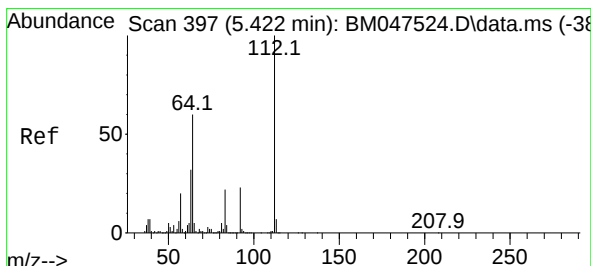
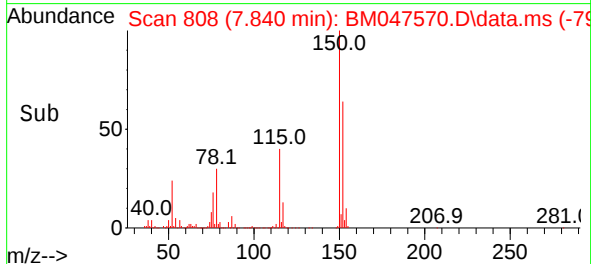
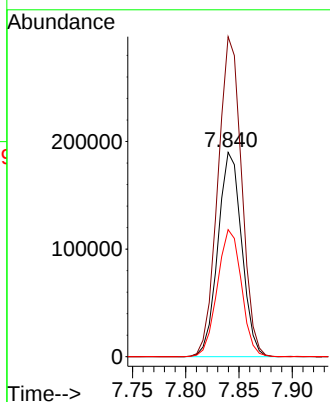
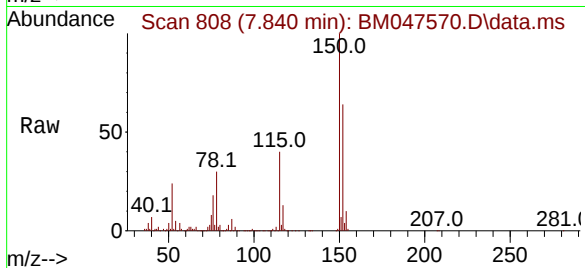




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.840 min Scan# 80
Delta R.T. -0.011 min
Lab File: BM047570.D
Acq: 19 Sep 2024 14:34

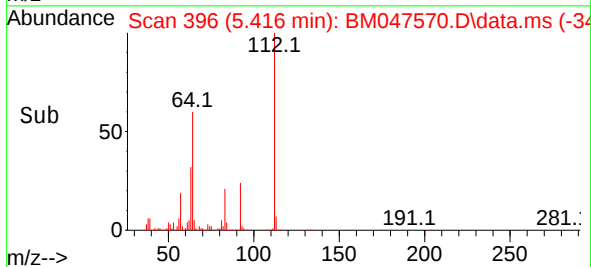
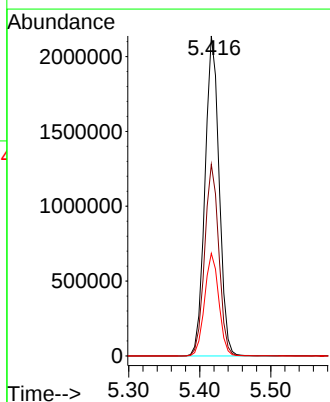
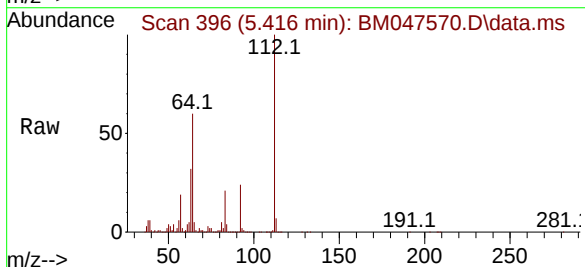
Instrument :
BNA_M
ClientSampleId :
RR-TRIAZINE-WP

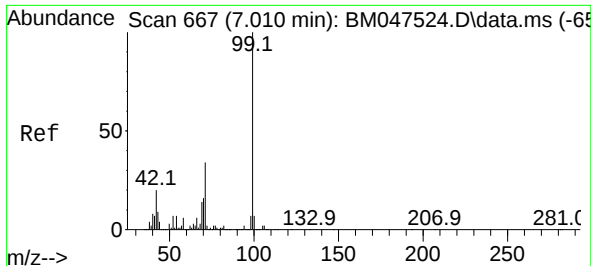
Tgt Ion:152 Resp: 294611
Ion Ratio Lower Upper
152 100
150 156.6 126.8 190.2
115 62.1 47.8 71.8



#5
2-Fluorophenol
Concen: 160.402 ng
RT: 5.416 min Scan# 396
Delta R.T. -0.006 min
Lab File: BM047570.D
Acq: 19 Sep 2024 14:34

Tgt Ion:112 Resp: 2967957
Ion Ratio Lower Upper
112 100
64 59.9 48.2 72.4
63 32.1 26.0 39.0



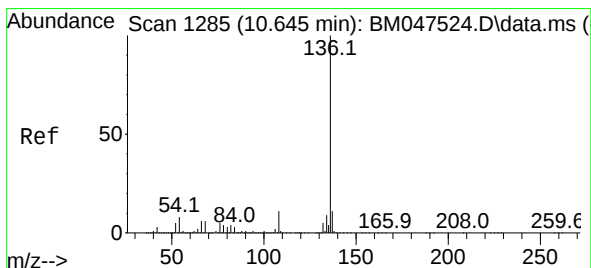
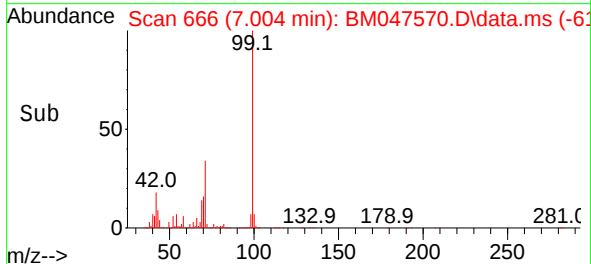
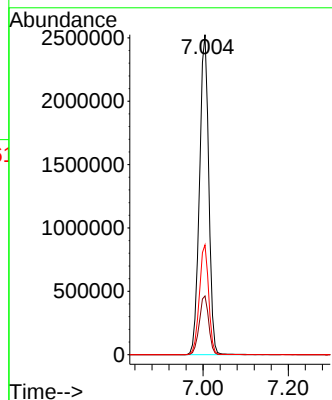
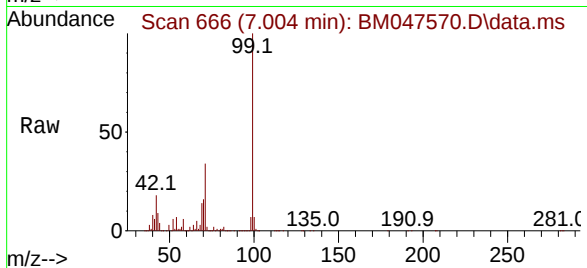


#7
Phenol-d6
Concen: 145.880 ng
RT: 7.004 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM047570.D
Acq: 19 Sep 2024 14:34

Instrument :
BNA_M
ClientSampleId :
RR-TRIAZINE-WP

Tgt Ion: 99 Resp: 3801297

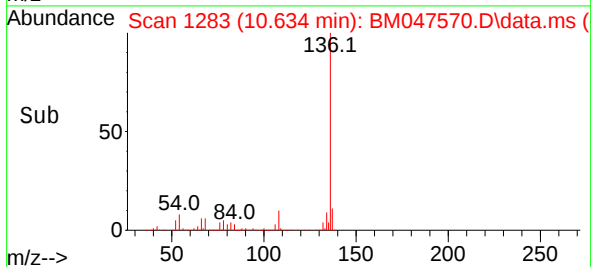
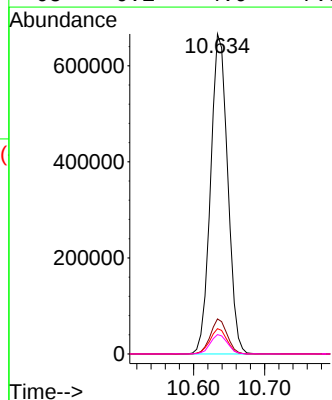
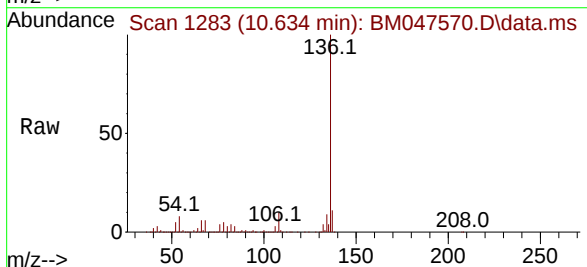
Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.8	23.8
71	34.3	27.6	41.4

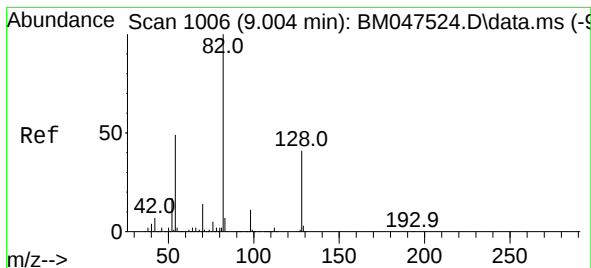


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 1283
Delta R.T. -0.011 min
Lab File: BM047570.D
Acq: 19 Sep 2024 14:34

Tgt Ion: 136 Resp: 1113898

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.9	6.6	9.8
68	6.1	4.9	7.3





#23

Nitrobenzene-d5

Concen: 104.565 ng

RT: 8.993 min Scan# 1100

Delta R.T. -0.012 min

Lab File: BM047570.D

Acq: 19 Sep 2024 14:34

Instrument :

BNA_M

ClientSampleId :

RR-TRIAZINE-WP

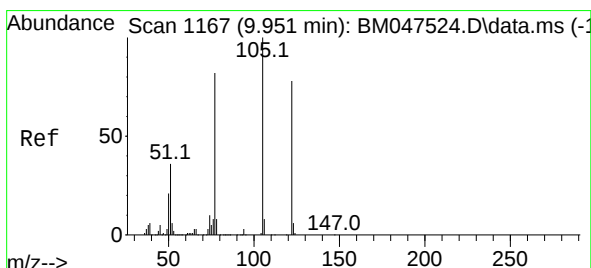
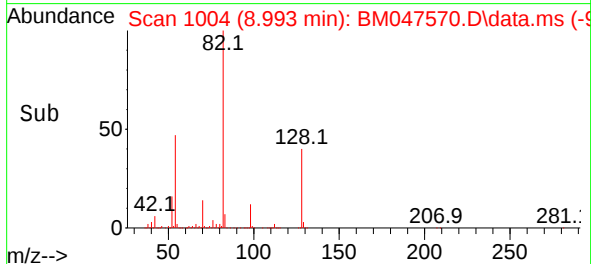
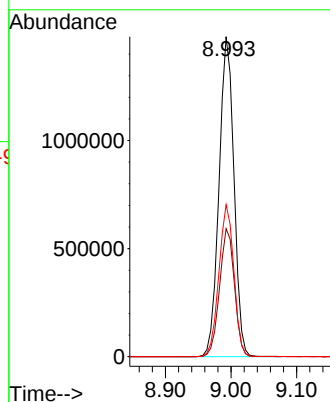
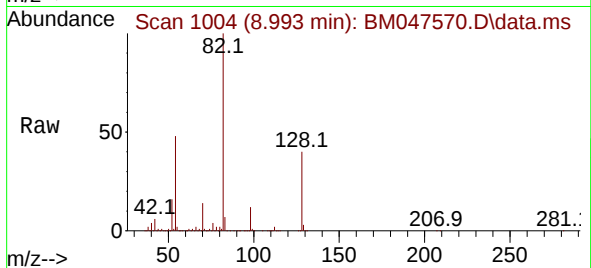
Tgt Ion: 82 Resp: 2327347

Ion Ratio Lower Upper

82 100

128 40.0 33.0 49.4

54 47.5 39.3 58.9



#32

Benzoic acid

Concen: 6.703 ng

RT: 9.987 min Scan# 1173

Delta R.T. 0.036 min

Lab File: BM047570.D

Acq: 19 Sep 2024 14:34

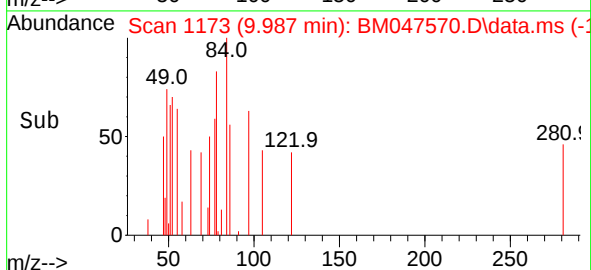
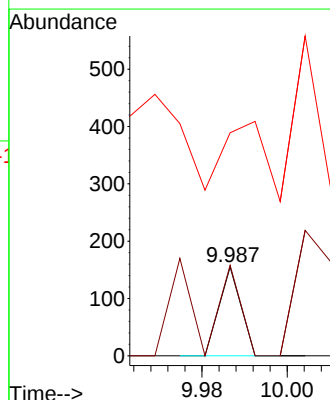
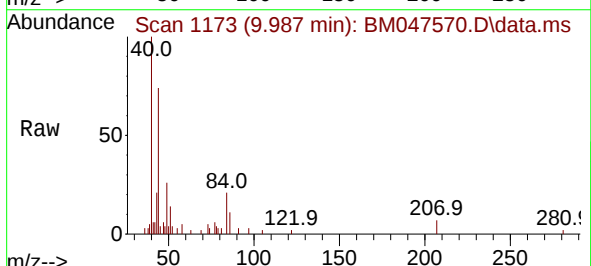
Tgt Ion:122 Resp: 55

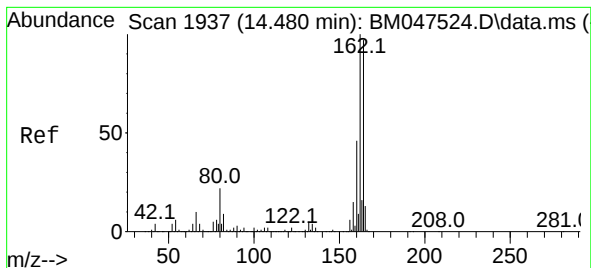
Ion Ratio Lower Upper

122 100

105 101.9 104.7 144.7#

77 251.0 83.4 123.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.469 min Scan# 1935

Delta R.T. -0.011 min

Lab File: BM047570.D

Acq: 19 Sep 2024 14:34

Instrument :

BNA_M

ClientSampleId :

RR-TRIAZINE-WP

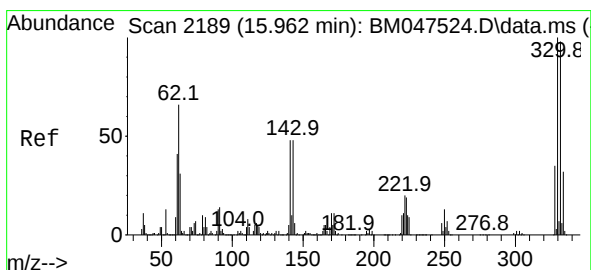
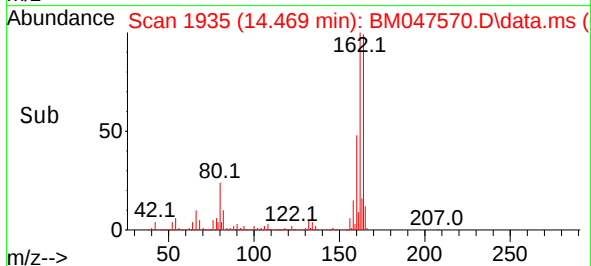
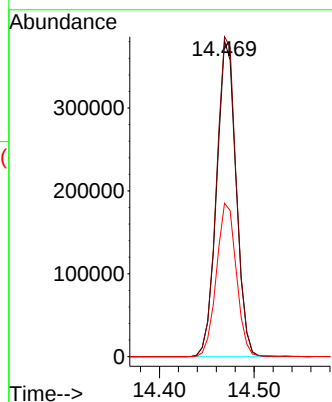
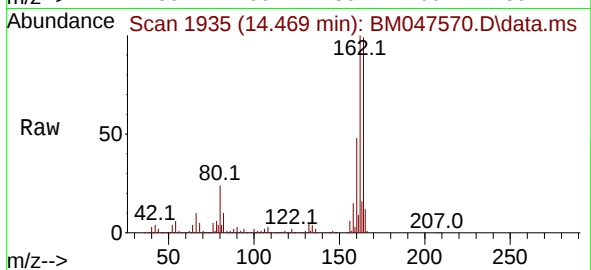
Tgt Ion:164 Resp: 542943

Ion Ratio Lower Upper

164 100

162 101.3 82.2 123.2

160 48.6 38.2 57.2



#42

2,4,6-Tribromophenol

Concen: 150.037 ng

RT: 15.951 min Scan# 2187

Delta R.T. -0.012 min

Lab File: BM047570.D

Acq: 19 Sep 2024 14:34

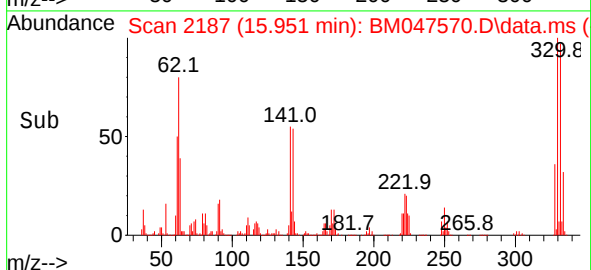
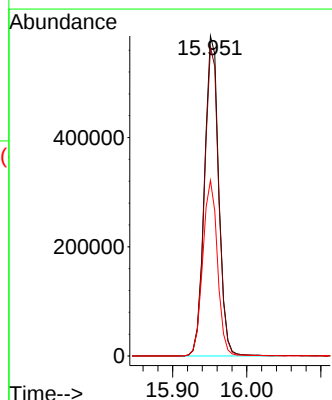
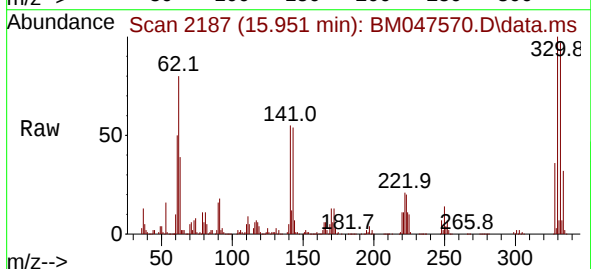
Tgt Ion:330 Resp: 787399

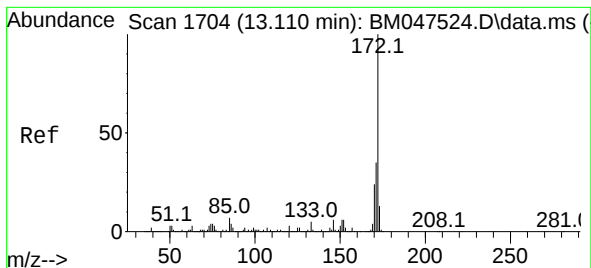
Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

141 56.2 42.2 63.2





#45

2-Fluorobiphenyl

Concen: 106.194 ng

RT: 13.098 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM047570.D

Acq: 19 Sep 2024 14:34

Instrument :

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ClientSampleId :

RR-TRIAZINE-WP

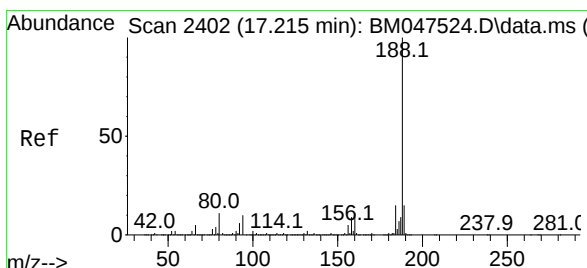
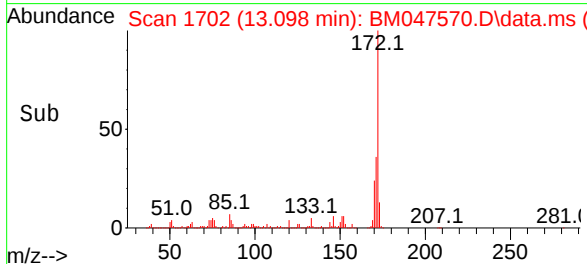
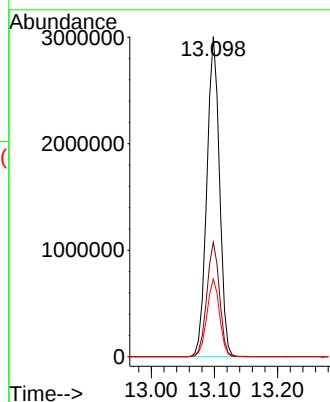
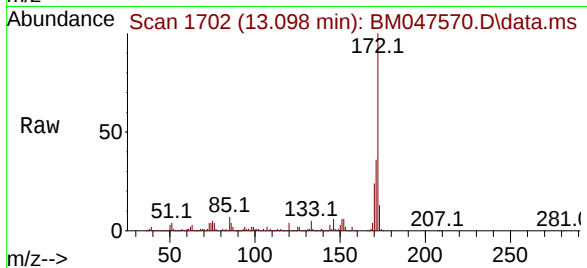
Tgt Ion:172 Resp: 4185573

Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 24.3 19.4 29.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2400

Delta R.T. -0.012 min

Lab File: BM047570.D

Acq: 19 Sep 2024 14:34

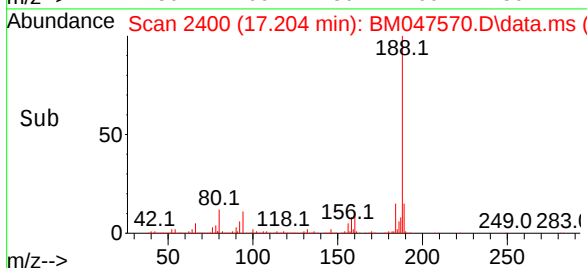
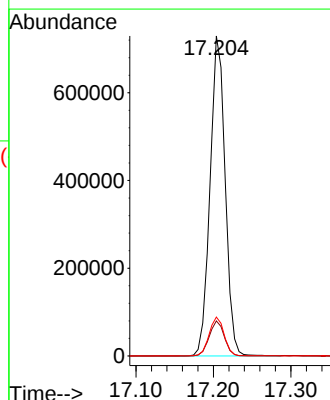
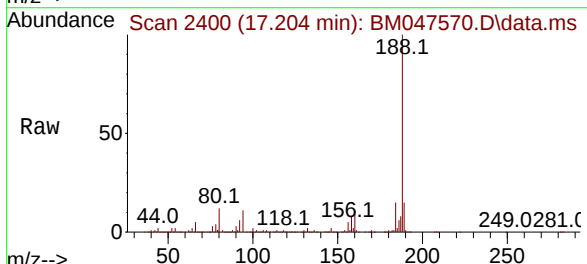
Tgt Ion:188 Resp: 990223

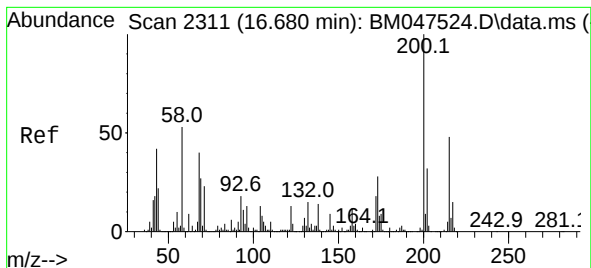
Ion Ratio Lower Upper

188 100

94 10.9 8.4 12.6

80 12.1 9.1 13.7





#69

Atrazine

Concen: 19.194 ng

RT: 16.669 min Scan# 2311

Delta R.T. -0.012 min

Lab File: BM047570.D

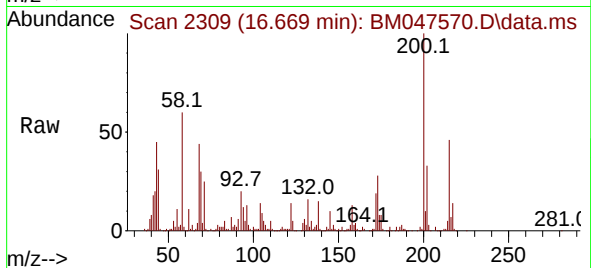
Acq: 19 Sep 2024 14:34

Instrument :

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RR-TRIAZINE-WP



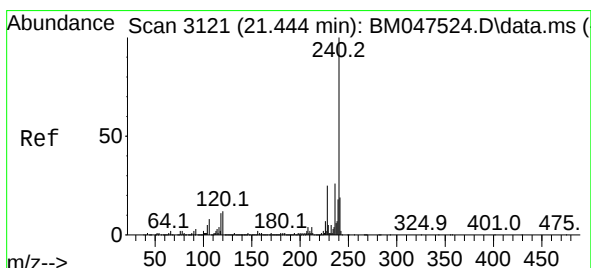
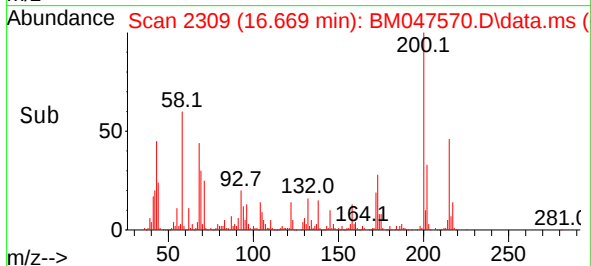
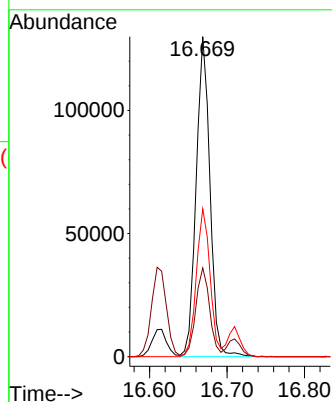
Tgt Ion:200 Resp: 160710

Ion Ratio Lower Upper

200 100

173 27.8 7.7 47.7

215 46.2 27.9 67.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 3119

Delta R.T. -0.011 min

Lab File: BM047570.D

Acq: 19 Sep 2024 14:34

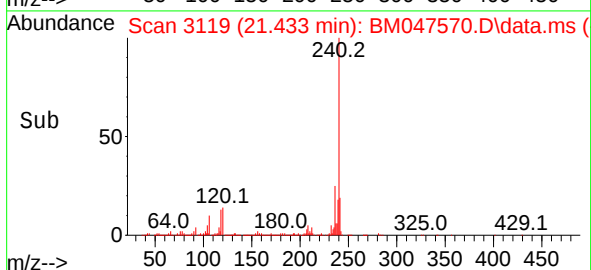
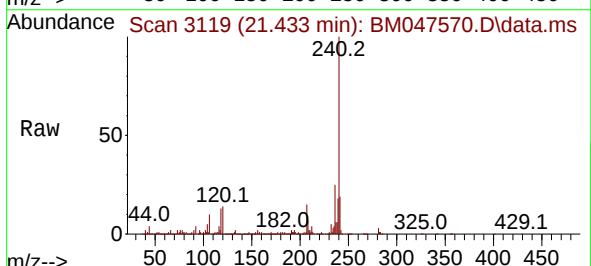
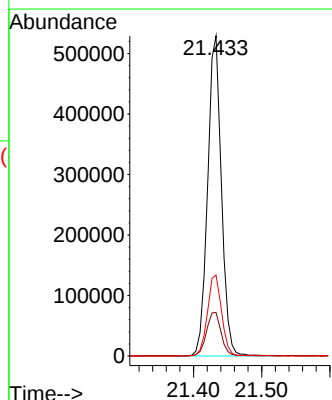
Tgt Ion:240 Resp: 743798

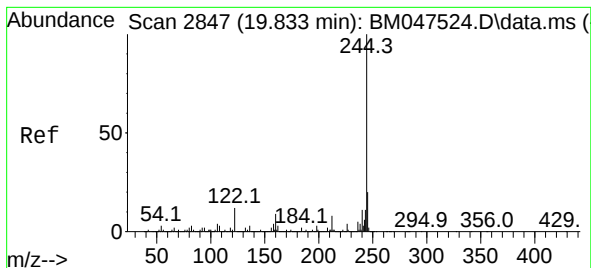
Ion Ratio Lower Upper

240 100

120 13.6 9.6 14.4

236 25.3 20.9 31.3





#79

Terphenyl-d14

Concen: 131.085 ng

RT: 19.821 min Scan# 2

Delta R.T. -0.012 min

Lab File: BM047570.D

Acq: 19 Sep 2024 14:34

Instrument :

BNA_M

ClientSampleId :

RR-TRIAZINE-WP

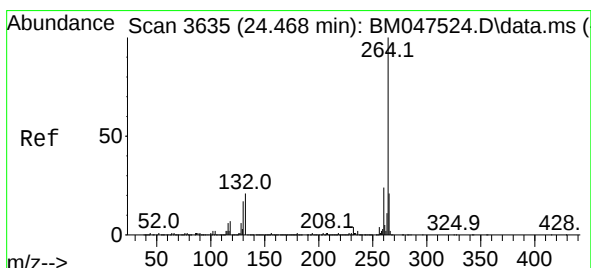
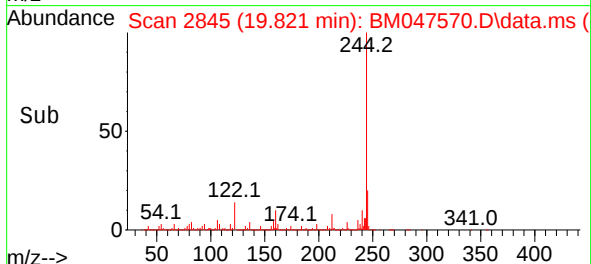
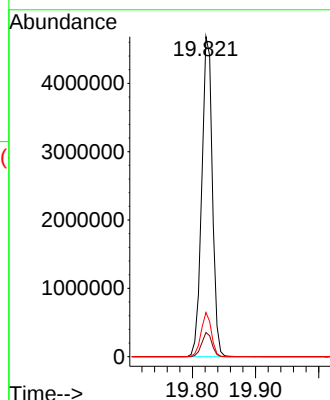
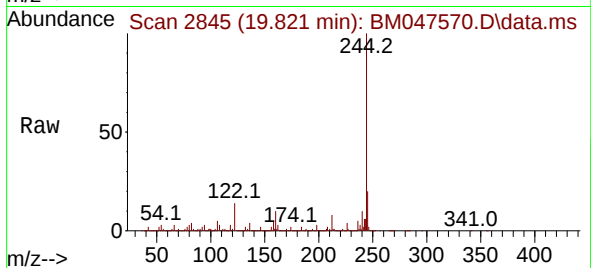
Tgt Ion:244 Resp: 5441080

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 13.8 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.456 min Scan# 3633

Delta R.T. -0.012 min

Lab File: BM047570.D

Acq: 19 Sep 2024 14:34

Tgt Ion:264 Resp: 838933

Ion Ratio Lower Upper

264 100

260 22.8 18.9 28.3

265 21.6 17.4 26.2

