

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
 Data File : BM047574.D
 Acq On : 19 Sep 2024 17:13
 Operator : RC/JU
 Sample : P3956-02 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Quant Time: Sep 19 18:00:22 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)

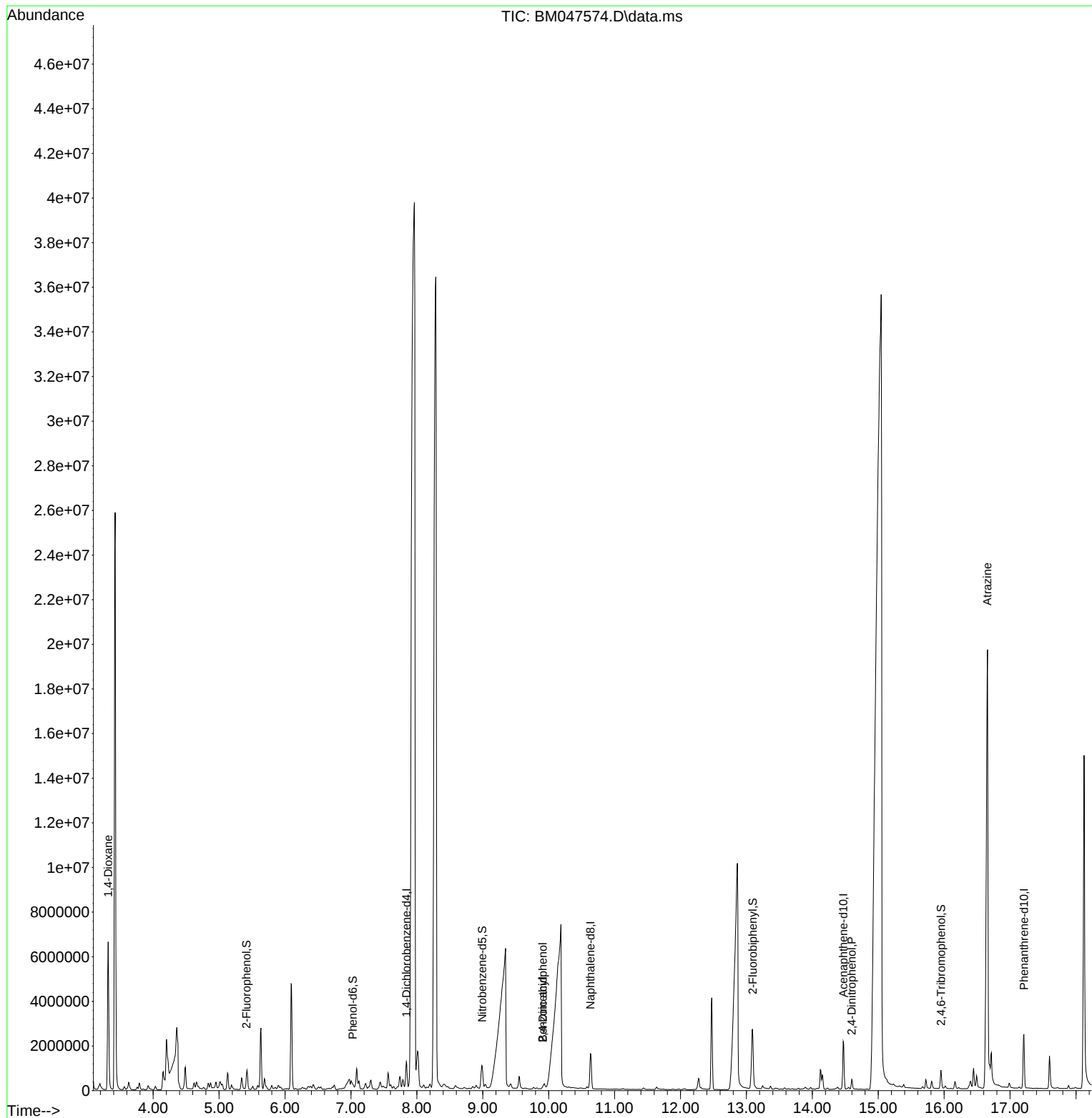
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	292077	20.000	ng	-0.01
21) Naphthalene-d8	10.633	136	1268994	20.000	ng	-0.01
39) Acenaphthene-d10	14.469	164	676961	20.000	ng	-0.01
64) Phenanthrene-d10	17.210	188	1315853	20.000	ng	0.00
76) Chrysene-d12	21.433	240	1106462	20.000	ng	-0.01
86) Perylene-d12	24.456	264	1196509	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	160065	8.726	ng	0.00
7) Phenol-d6	7.028	99	137009	5.304	ng	0.02
23) Nitrobenzene-d5	8.992	82	397331	15.670	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	104697	16.000	ng	-0.01
45) 2-Fluorobiphenyl	13.098	172	830657	16.903	ng	-0.01
79) Terphenyl-d14	19.821	244	1117287	18.095	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	2726136	346.966	ng	96
27) 2,4-Dimethylphenol	9.910	122	51232	3.806	ng	# 5
32) Benzoic acid	9.910	122	51232	10.022	ng	96
54) 2,4-Dinitrophenol	14.598	184	618	2.735	ng	# 34
69) Atrazine	16.657	200	24600	2.211	ng	# 47

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

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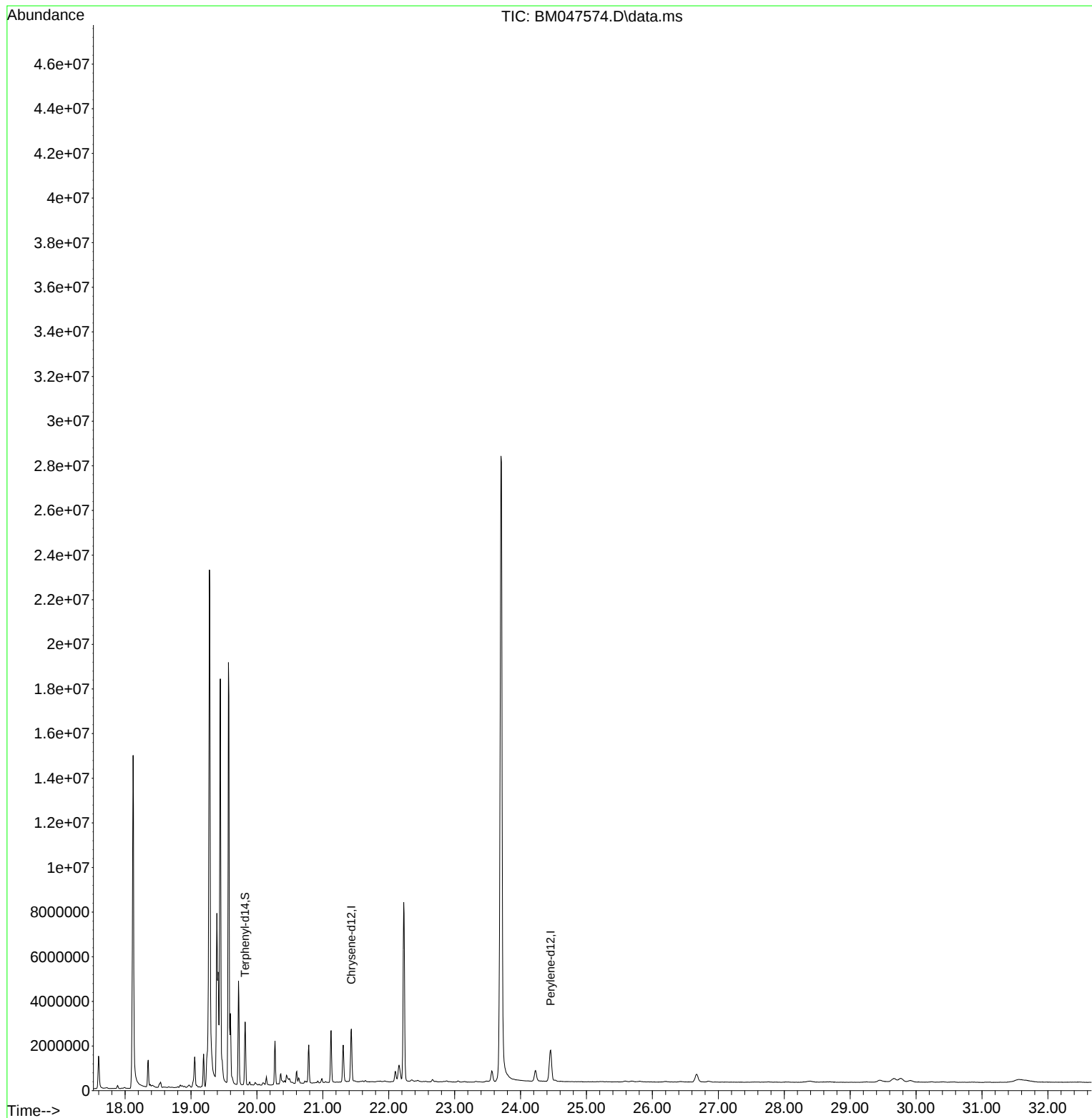
Quant Time: Sep 19 18:00:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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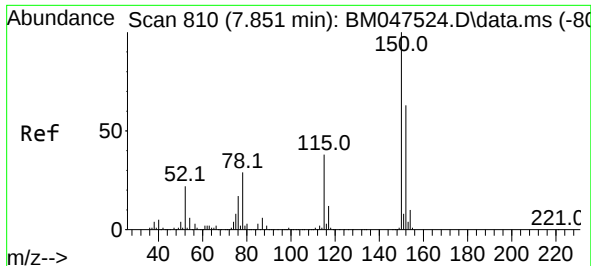


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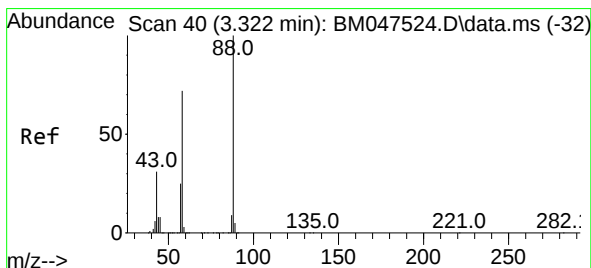
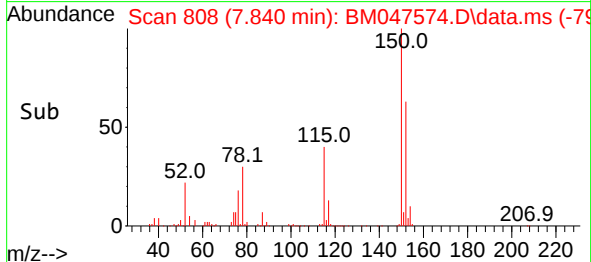
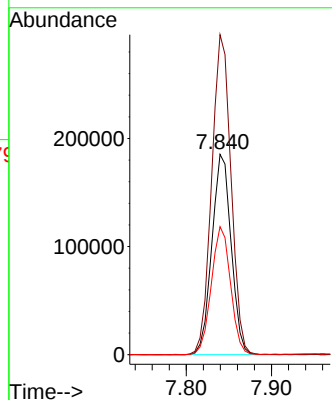
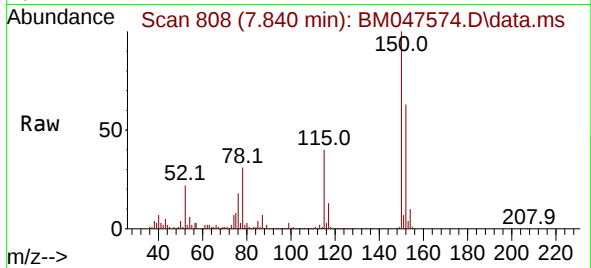




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.840 min Scan# 80
Delta R.T. -0.011 min
Lab File: BM047574.D
Acq: 19 Sep 2024 17:13

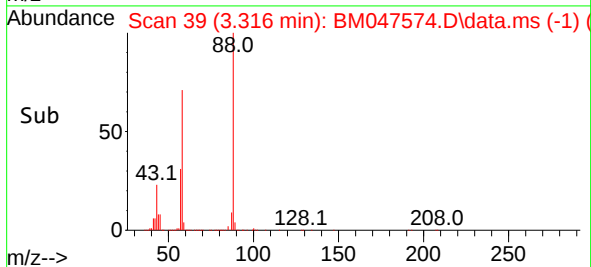
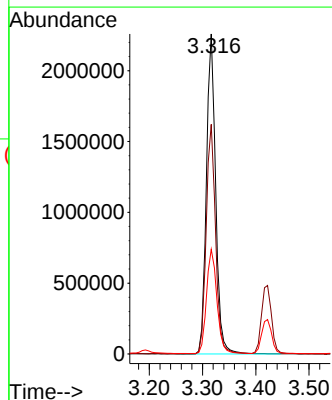
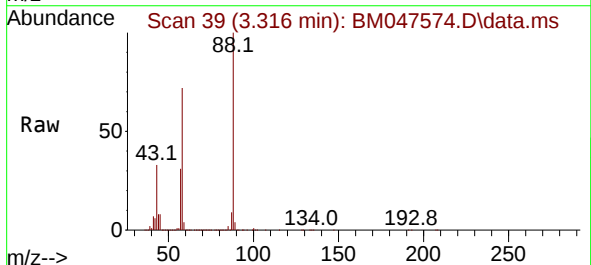
Instrument :
BNA_M
ClientSampleId :
EFF-WW

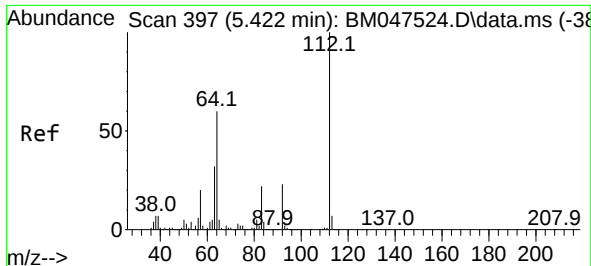
Tgt Ion:152 Resp: 292077
Ion Ratio Lower Upper
152 100
150 159.7 126.8 190.2
115 63.9 47.8 71.8



#2
1,4-Dioxane
Concen: 346.966 ng
RT: 3.316 min Scan# 39
Delta R.T. -0.006 min
Lab File: BM047574.D
Acq: 19 Sep 2024 17:13

Tgt Ion: 88 Resp: 2726136
Ion Ratio Lower Upper
88 100
58 73.1 59.0 88.6
43 36.8 25.0 37.4

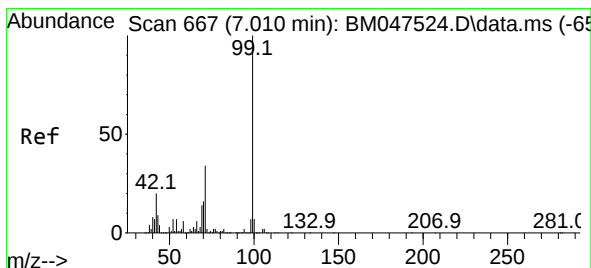
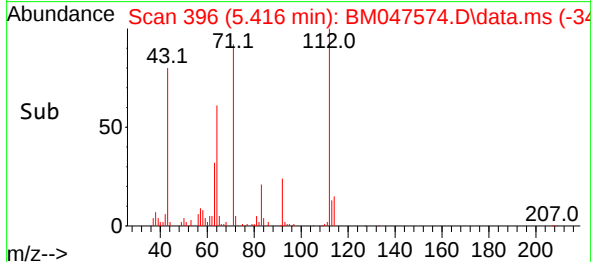
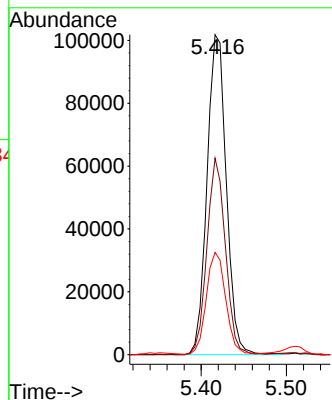
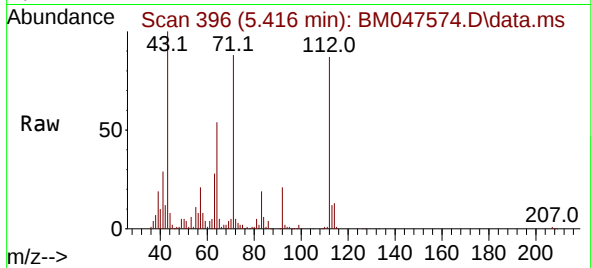




#5
2-Fluorophenol
Concen: 8.726 ng
RT: 5.416 min Scan# 397
Delta R.T. -0.006 min
Lab File: BM047574.D
Acq: 19 Sep 2024 17:13

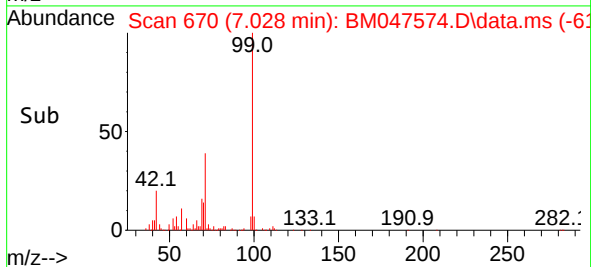
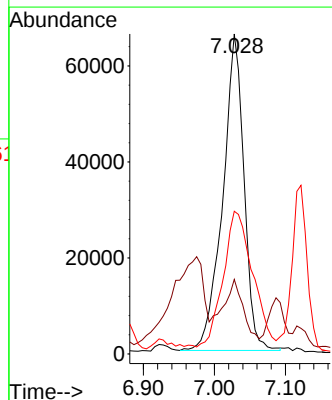
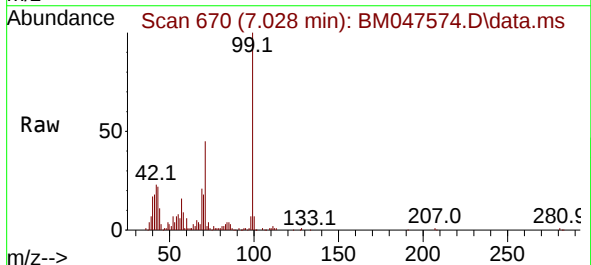
Instrument :
BNA_M
ClientSampleId :
EFF-WW

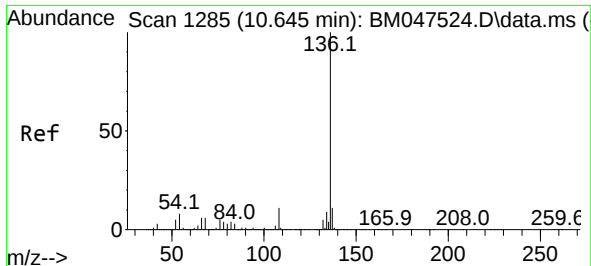
Tgt Ion:112 Resp: 160065
Ion Ratio Lower Upper
112 100
64 61.4 48.2 72.4
63 31.9 26.0 39.0



#7
Phenol-d6
Concen: 5.304 ng
RT: 7.028 min Scan# 670
Delta R.T. 0.018 min
Lab File: BM047574.D
Acq: 19 Sep 2024 17:13

Tgt Ion: 99 Resp: 137009
Ion Ratio Lower Upper
99 100
42 23.3 15.8 23.8
71 44.6 27.6 41.4#



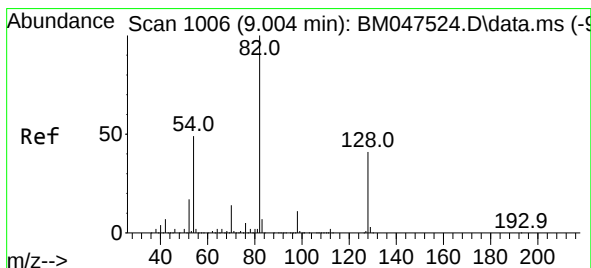
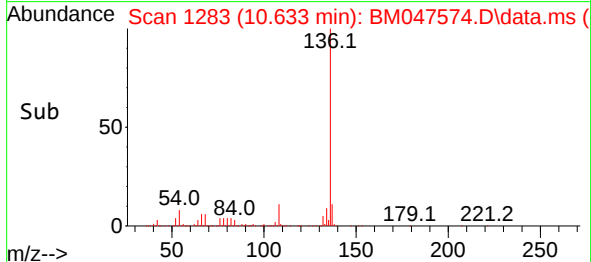
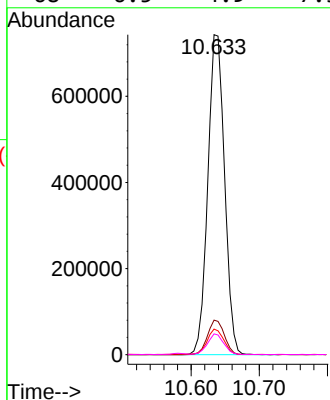
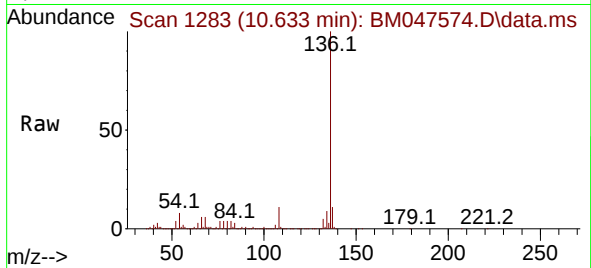


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.633 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047574.D
Acq: 19 Sep 2024 17:13

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Tgt Ion:136 Resp: 1268994

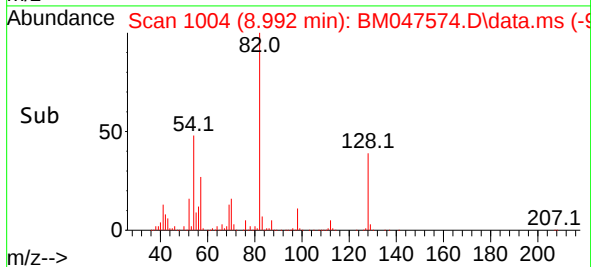
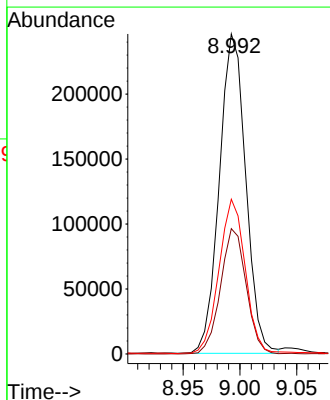
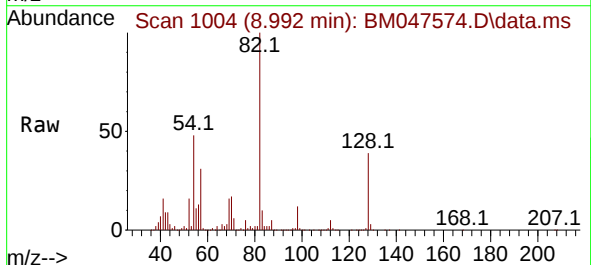
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	8.0	6.6	9.8
68	6.5	4.9	7.3

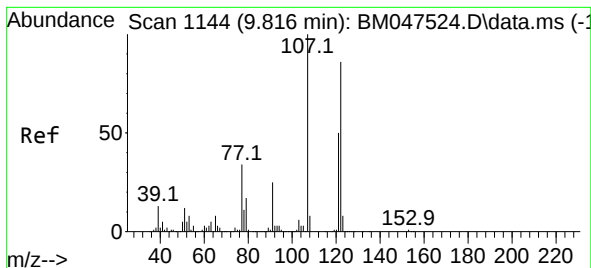


#23
Nitrobenzene-d5
Concen: 15.670 ng
RT: 8.992 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BM047574.D
Acq: 19 Sep 2024 17:13

Tgt Ion: 82 Resp: 397331

Ion	Ratio	Lower	Upper
82	100		
128	39.2	33.0	49.4
54	48.4	39.3	58.9





#27

2,4-Dimethylphenol

Concen: 3.806 ng

RT: 9.910 min Scan# 1160

Delta R.T. 0.094 min

Lab File: BM047574.D

Acq: 19 Sep 2024 17:13

Instrument :

BNA_M

ClientSampleId :

EFF-WW

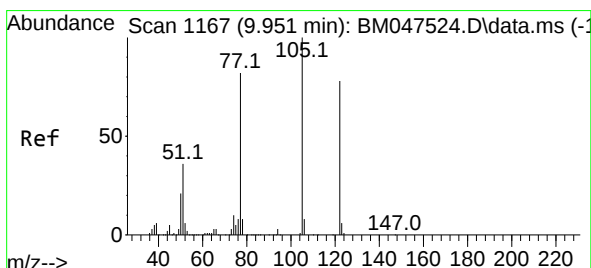
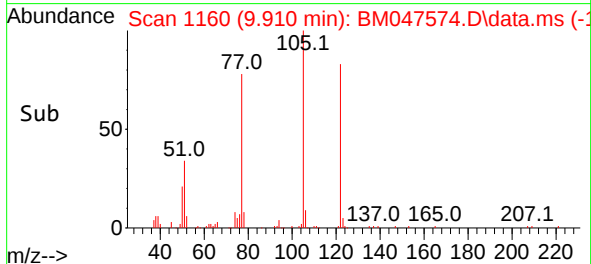
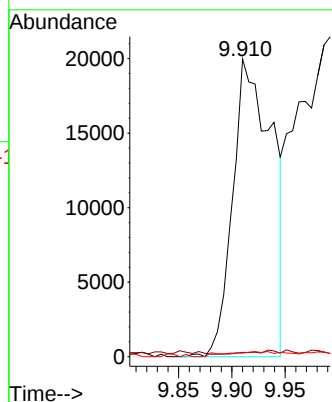
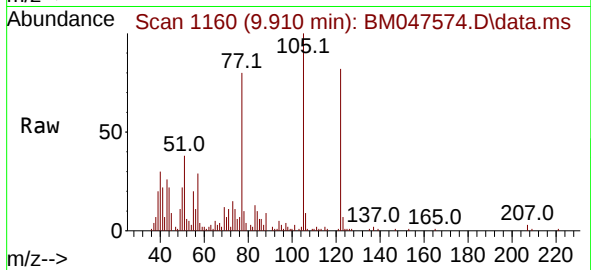
Tgt Ion:122 Resp: 51232

Ion Ratio Lower Upper

122 100

107 1.5 92.4 138.6#

121 1.2 46.2 69.4#



#32

Benzoic acid

Concen: 10.022 ng

RT: 9.910 min Scan# 1160

Delta R.T. -0.041 min

Lab File: BM047574.D

Acq: 19 Sep 2024 17:13

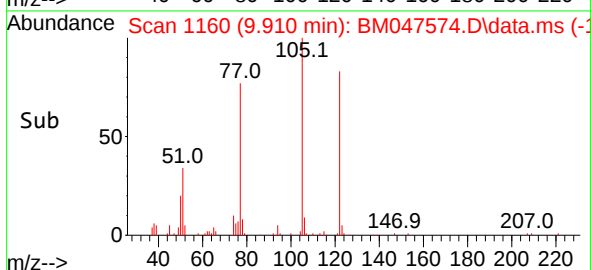
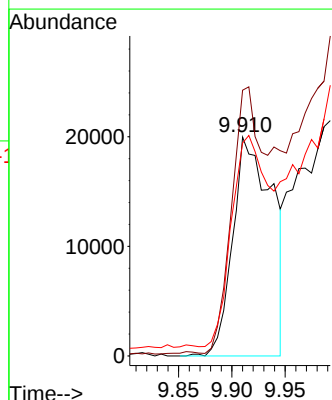
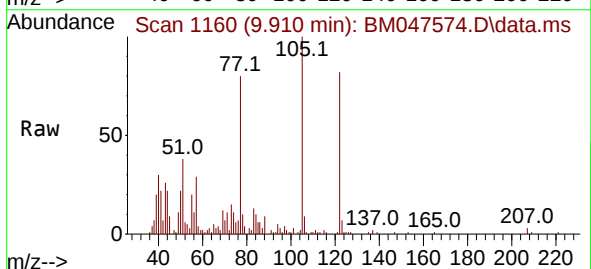
Tgt Ion:122 Resp: 51232

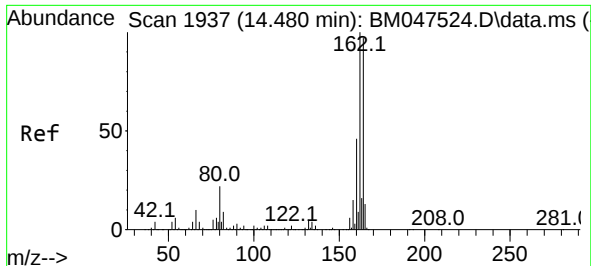
Ion Ratio Lower Upper

122 100

105 121.4 104.7 144.7

77 97.3 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: BM047574.D

Acq: 19 Sep 2024 17:13

Instrument :

BNA_M

ClientSampleId :

EFF-WW

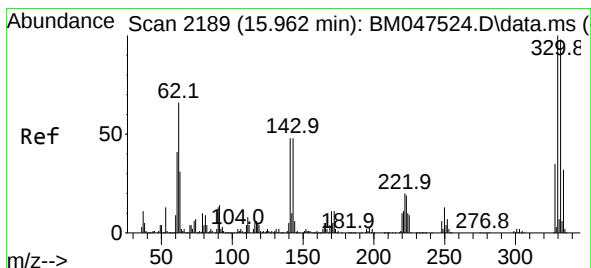
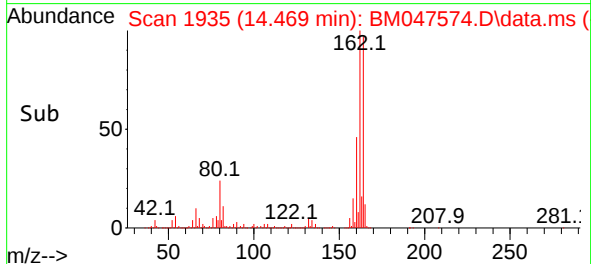
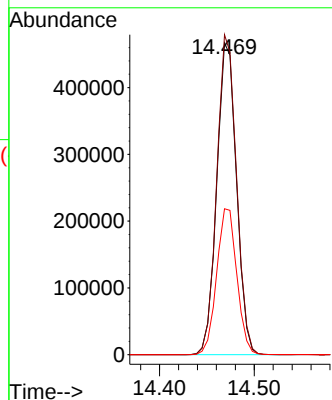
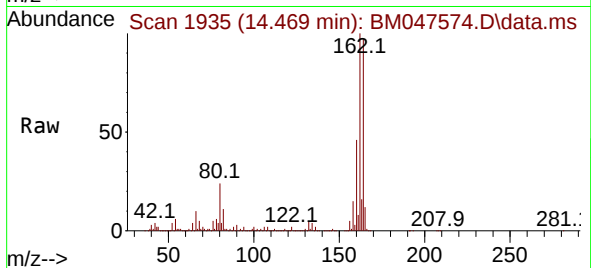
Tgt Ion:164 Resp: 676961

Ion Ratio Lower Upper

164 100

162 102.6 82.2 123.2

160 46.8 38.2 57.2



#42

2,4,6-Tribromophenol

Concen: 16.000 ng

RT: 15.951 min Scan# 2187

Delta R.T. -0.012 min

Lab File: BM047574.D

Acq: 19 Sep 2024 17:13

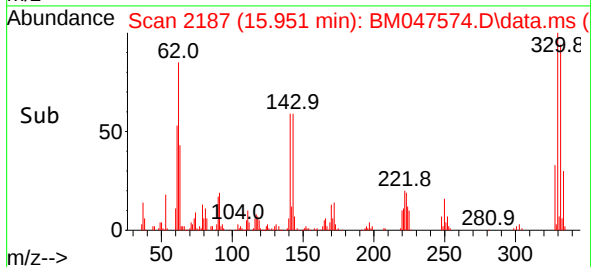
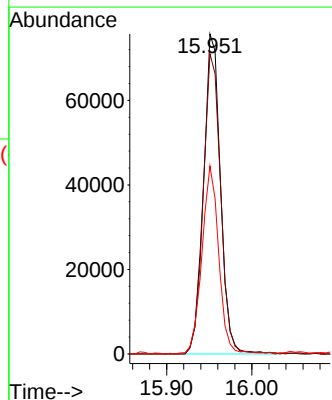
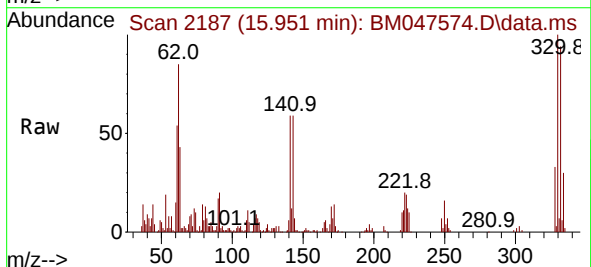
Tgt Ion:330 Resp: 104697

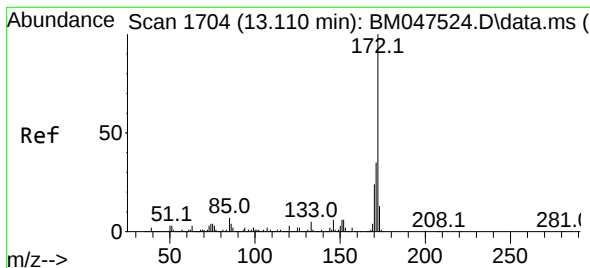
Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

141 58.3 42.2 63.2





#45

2-Fluorobiphenyl

Concen: 16.903 ng

RT: 13.098 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM047574.D

Acq: 19 Sep 2024 17:13

Instrument :

BNA_M

ClientSampleId :

EFF-WW

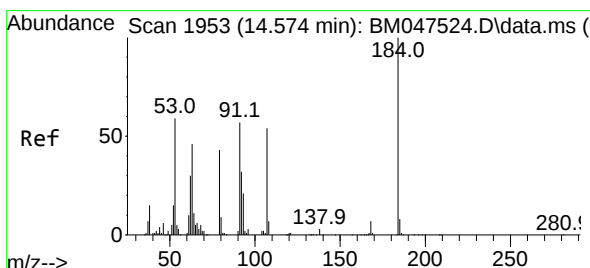
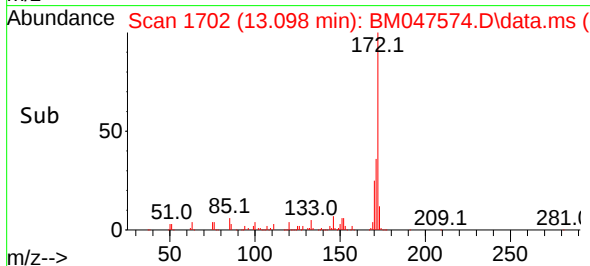
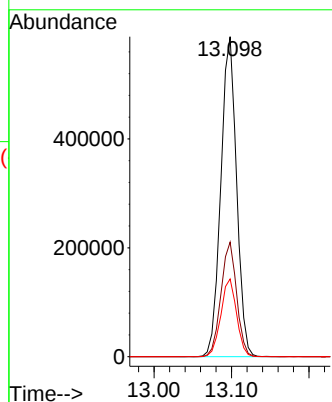
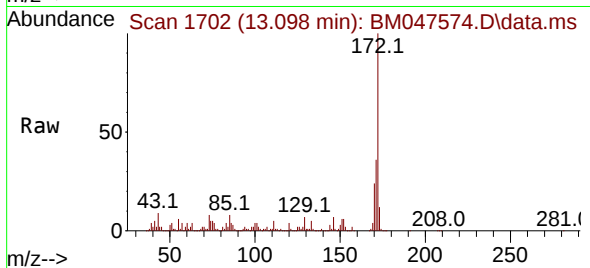
Tgt Ion:172 Resp: 830657

Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

170 24.3 19.4 29.0



#54

2,4-Dinitrophenol

Concen: 2.735 ng

RT: 14.598 min Scan# 1957

Delta R.T. 0.024 min

Lab File: BM047574.D

Acq: 19 Sep 2024 17:13

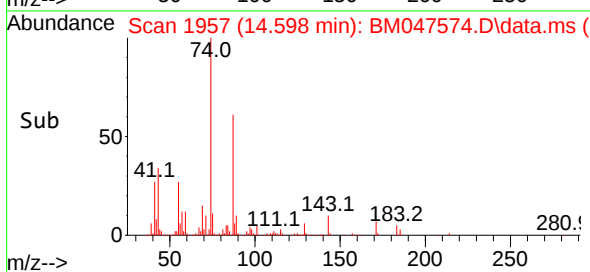
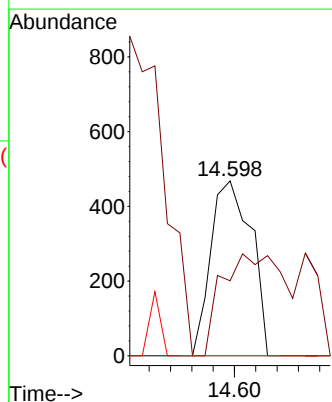
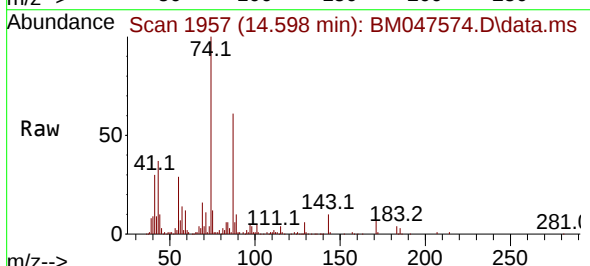
Tgt Ion:184 Resp: 618

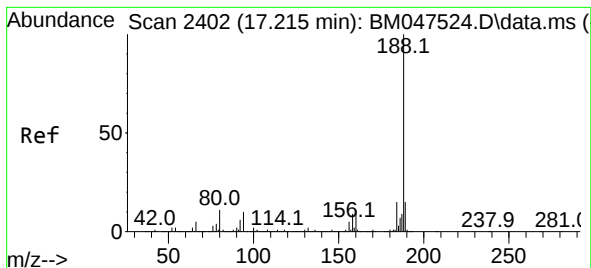
Ion Ratio Lower Upper

184 100

63 42.9 69.4 104.0#

154 0.0 60.4 90.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 2402

Delta R.T. -0.006 min

Lab File: BM047574.D

Acq: 19 Sep 2024 17:13

Instrument :

BNA_M

ClientSampleId :

EFF-WW

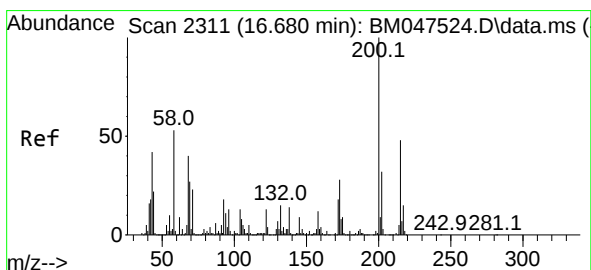
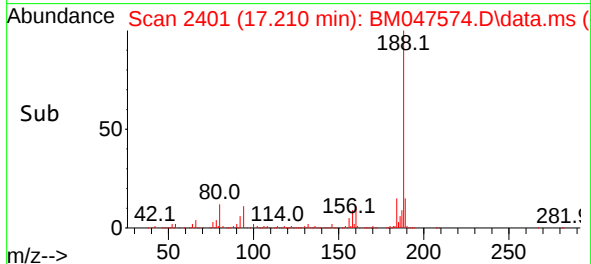
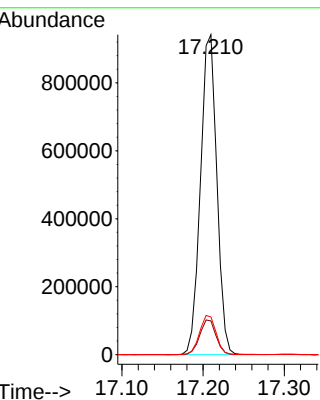
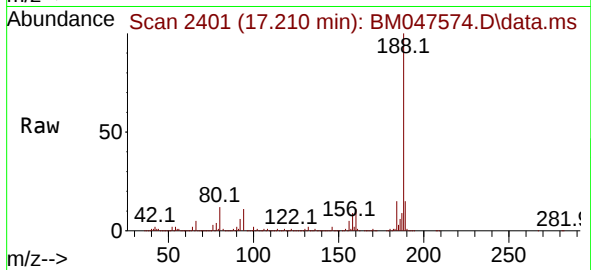
Tgt Ion:188 Resp: 1315853

Ion Ratio Lower Upper

188 100

94 10.5 8.4 12.6

80 11.8 9.1 13.7



#69

Atrazine

Concen: 2.211 ng

RT: 16.657 min Scan# 2307

Delta R.T. -0.023 min

Lab File: BM047574.D

Acq: 19 Sep 2024 17:13

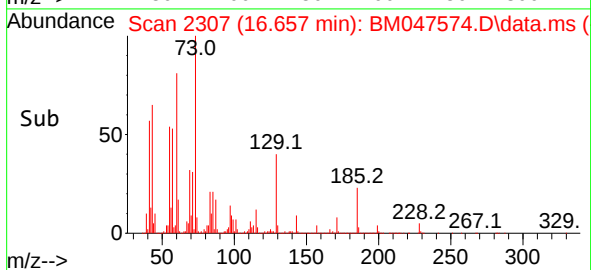
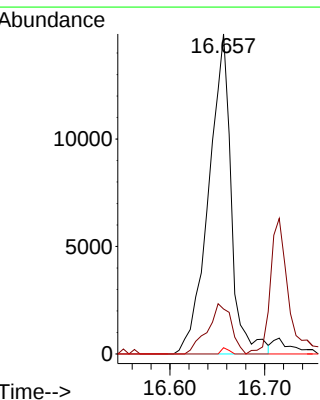
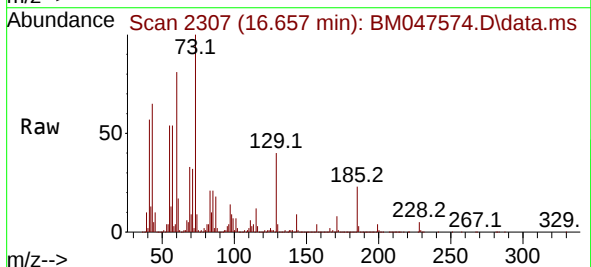
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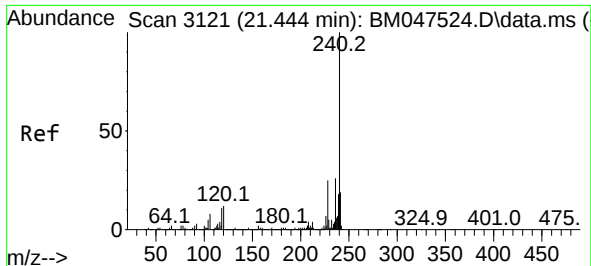
Ion Ratio Lower Upper

200 100

173 14.0 7.7 47.7

215 1.9 27.9 67.9#

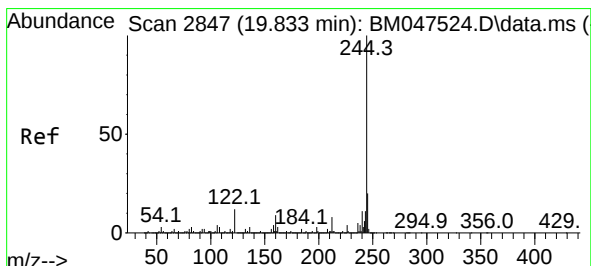
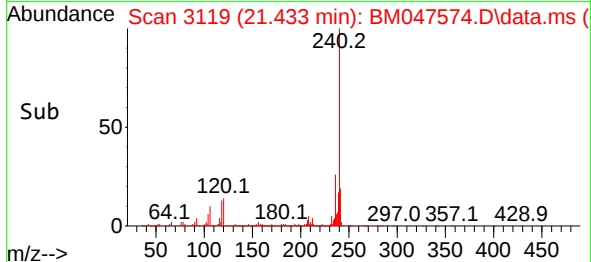
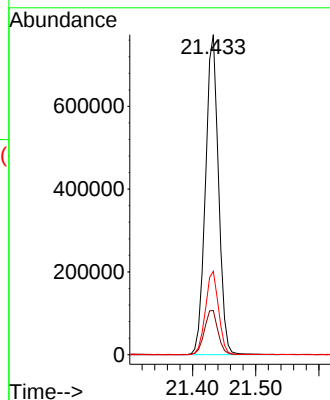
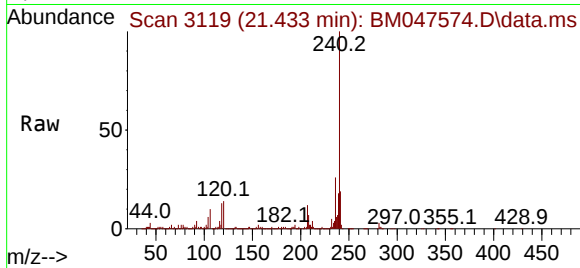




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3121
Delta R.T. -0.011 min
Lab File: BM047574.D
Acq: 19 Sep 2024 17:13

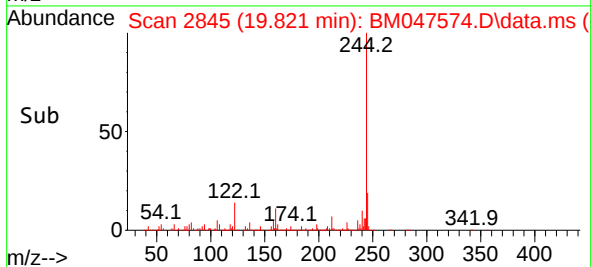
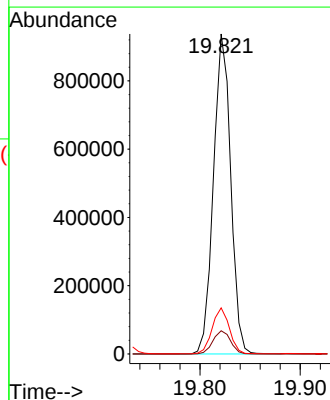
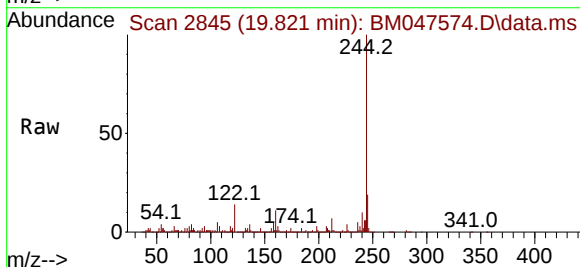
Instrument :
BNA_M
ClientSampleId :
EFF-WW

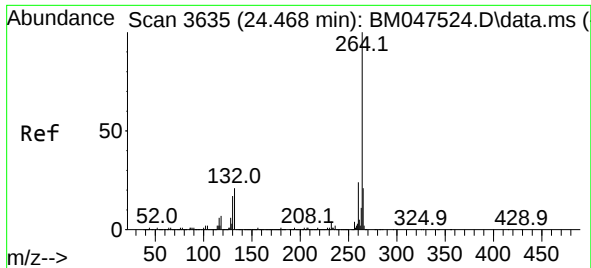
Tgt Ion:240 Resp: 1106462
Ion Ratio Lower Upper
240 100
120 13.8 9.6 14.4
236 26.1 20.9 31.3



#79
Terphenyl-d14
Concen: 18.095 ng
RT: 19.821 min Scan# 2845
Delta R.T. -0.012 min
Lab File: BM047574.D
Acq: 19 Sep 2024 17:13

Tgt Ion:244 Resp: 1117287
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.2
122 14.4 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.456 min Scan# 30
Delta R.T. -0.012 min
Lab File: BM047574.D
Acq: 19 Sep 2024 17:13

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Tgt Ion:264 Resp: 1196509

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.7	17.4	26.2

