

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 18:42:39 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)

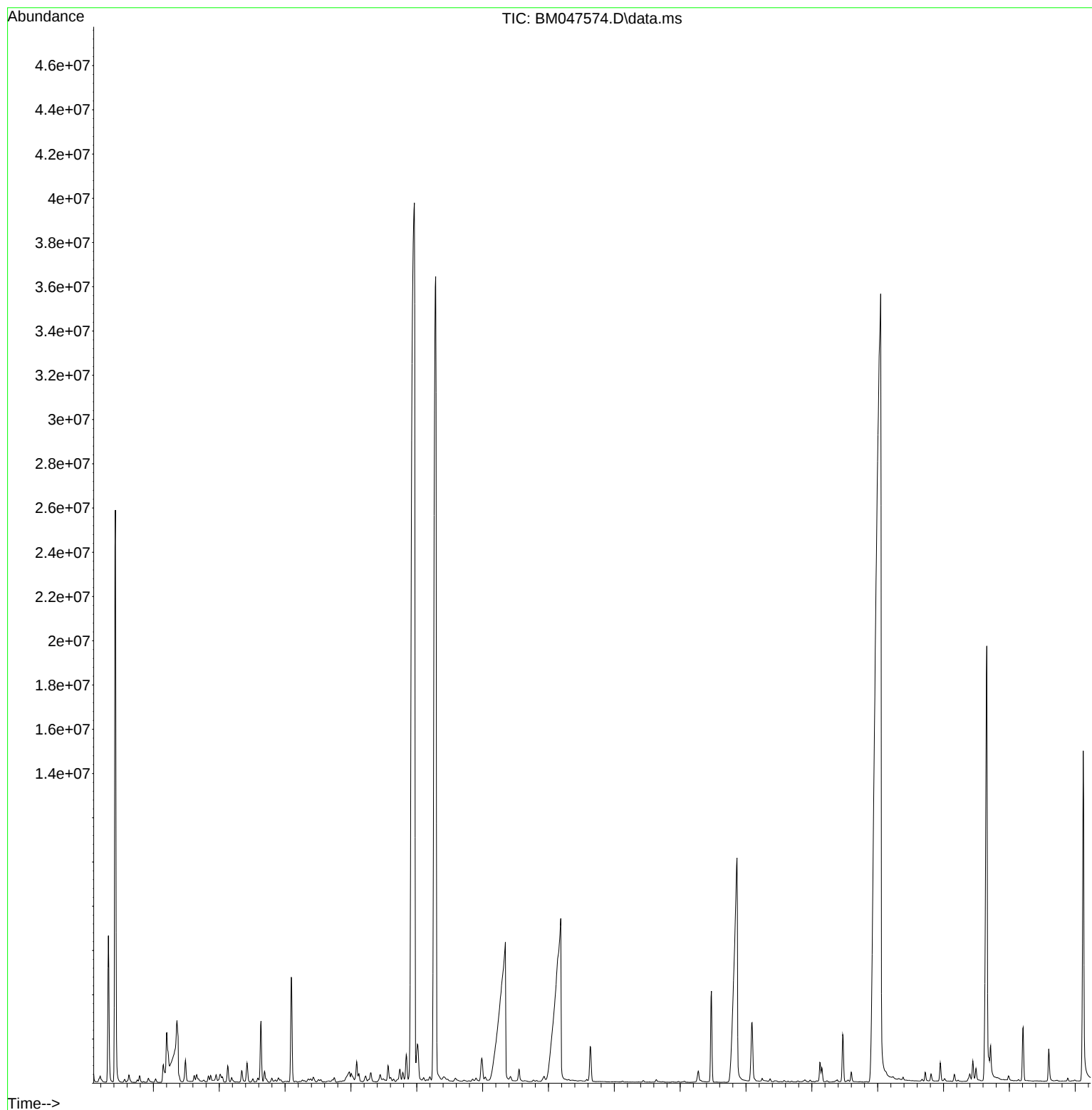
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	292077	20.000	ng	-0.01
21) Naphthalene-d8	10.633	136	1268994	20.000	ng	-0.01
39) Acenaphthene-d10	14.469	164	676961	20.000	ng	-0.01
64) Phenanthrene-d10	17.210	188	1315853	20.000	ng	0.00
76) Chrysene-d12	21.433	240	1106462	20.000	ng	-0.01
86) 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						
2) 1,4-Dioxane	3.316	88	2726136	346.966	ng	Qvalue 96

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

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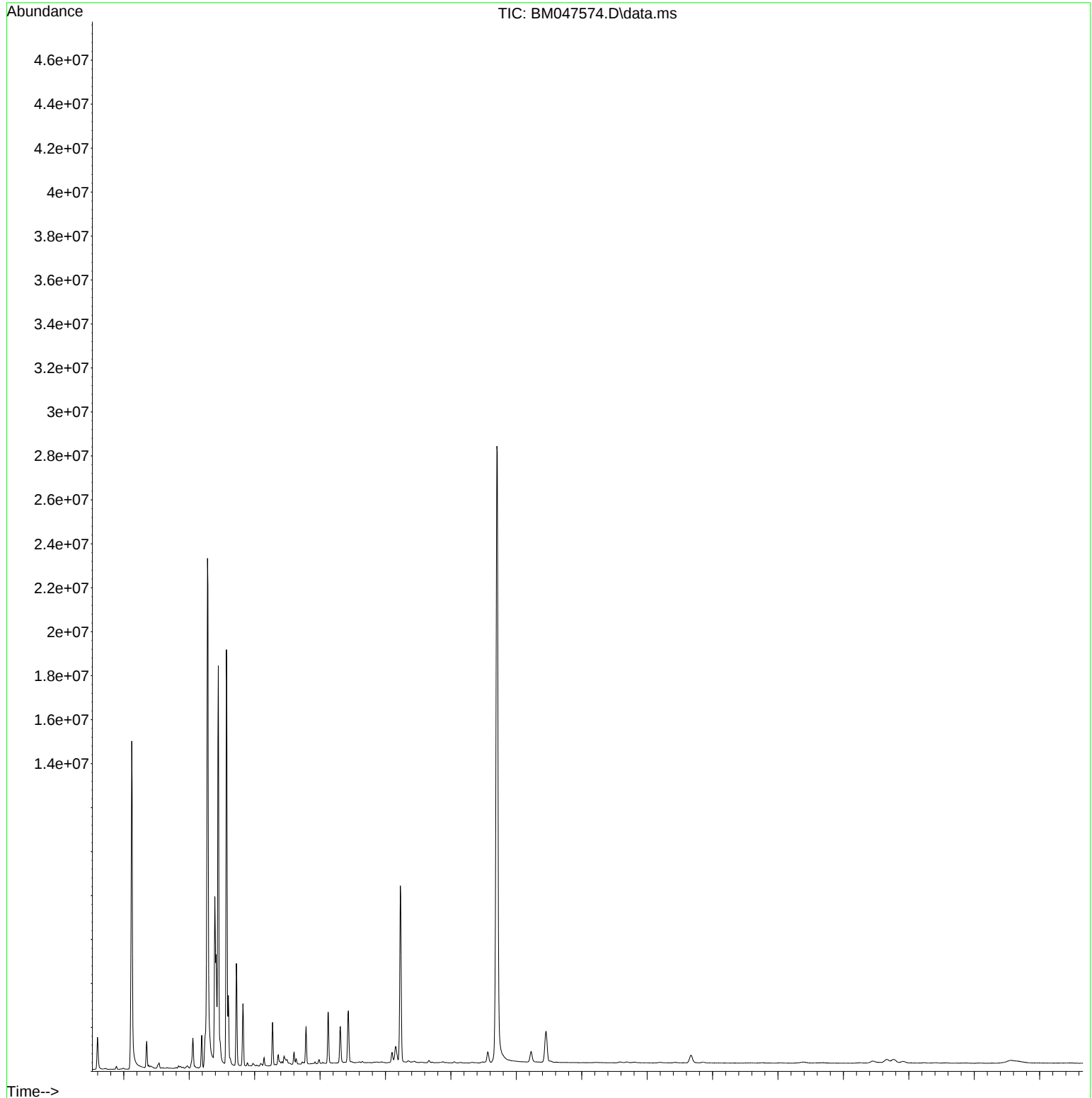
Quant Time: Sep 19 18:42:39 2024
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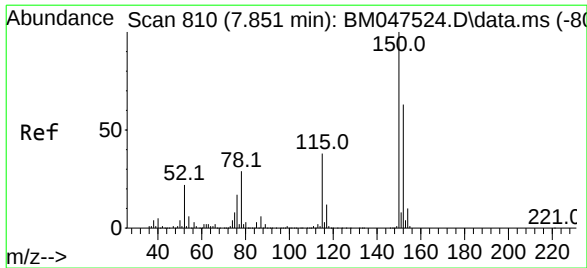


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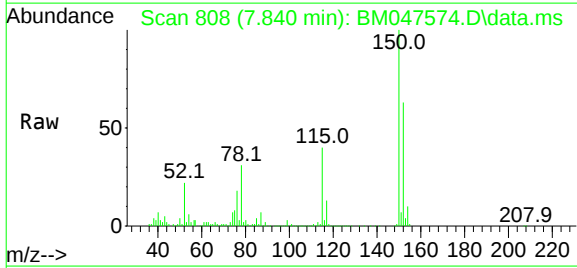
Quant Time: Sep 19 18:42:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
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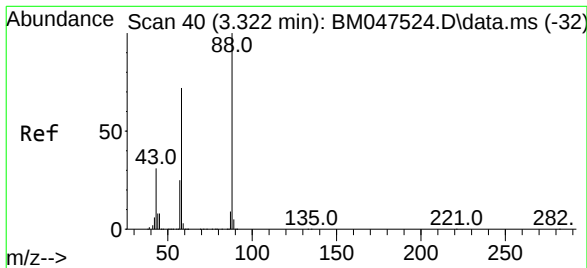
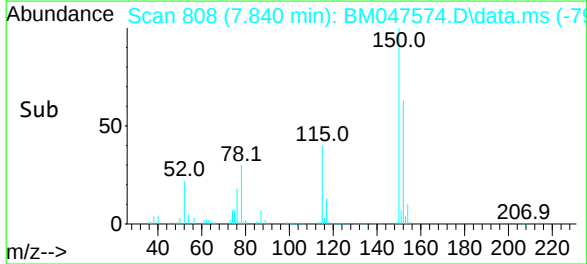
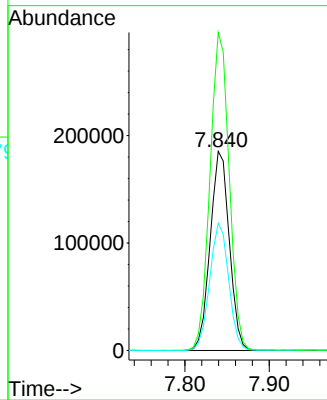


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.840 min Scan# 80
Delta R.T. -0.011 min
Lab File: BM047574.D
Acq: 19 Sep 2024 17:13

Instrument :
BNA_M
ClientSampleId :
EFF-WW

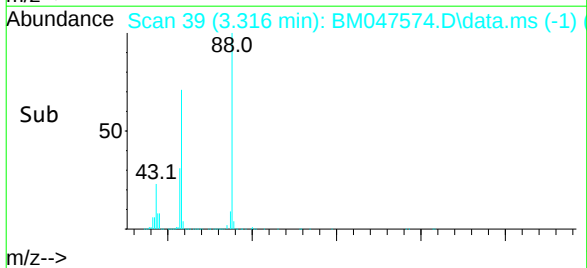
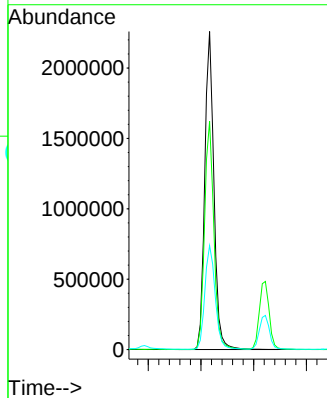
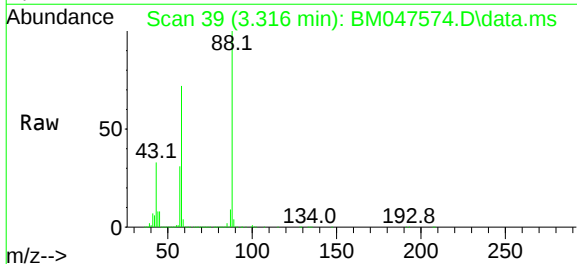


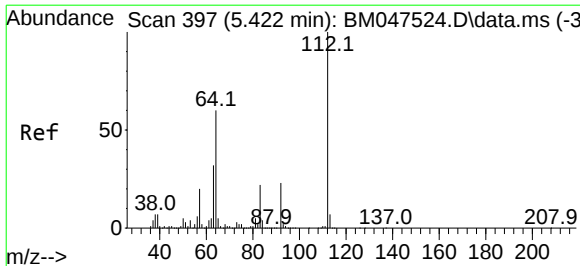
Tgt Ion: 152 Resp: 292077
Ion Ratio Lower Upper
152 100
150 159.7 126.8 190.2
115 63.9 47.8 71.8



#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

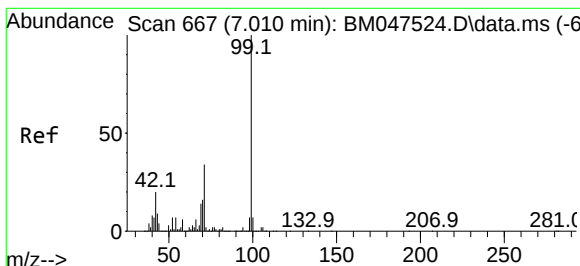
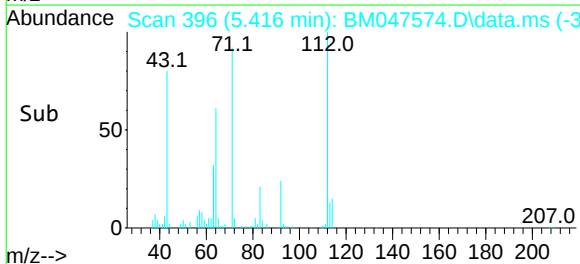
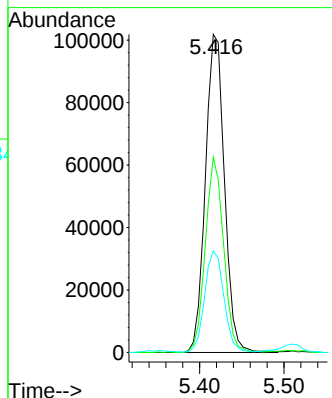
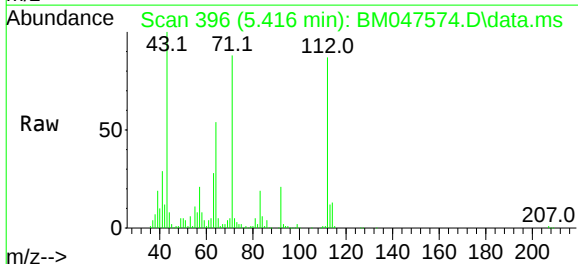




#5
2-Fluorophenol
Concen: 8.726 ng
RT: 5.416 min Scan# 39
Delta R.T. -0.006 min
Lab File: BM047574.D
Acq: 19 Sep 2024 17:13

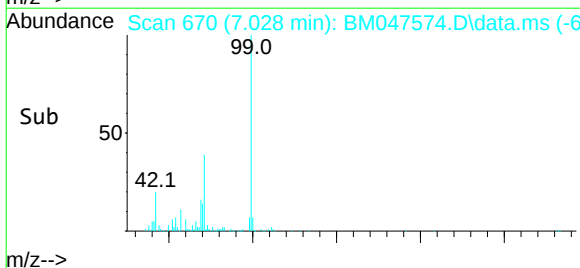
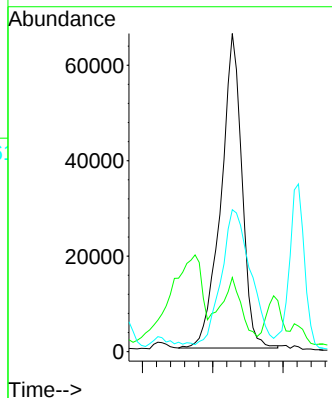
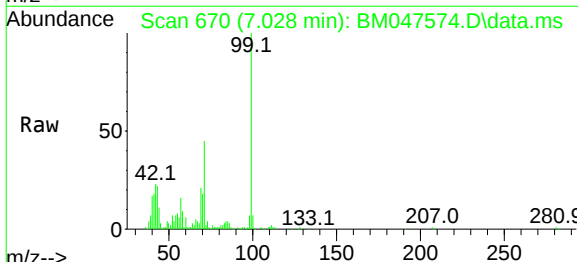
Instrument :
BNA_M
ClientSampleId :
EFF-WW

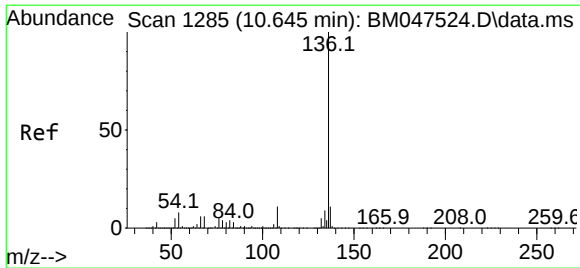
Tgt Ion:	112	Resp:	160065
Ion	Ratio	Lower	Upper
112	100		
64	61.4	48.2	72.4
63	31.9	26.0	39.0



#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# 12

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

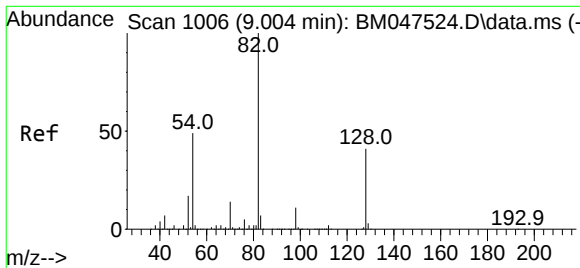
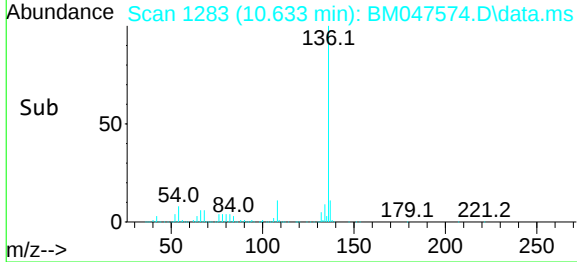
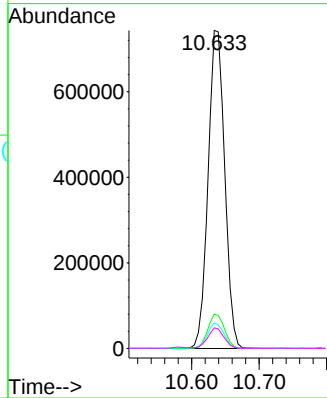
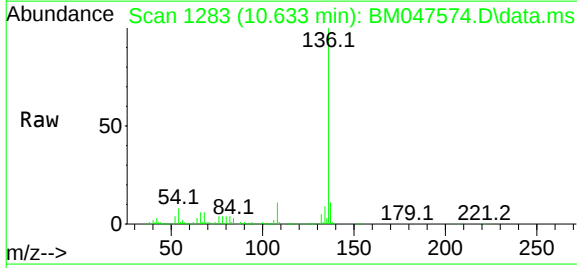
Ion Ratio Lower Upper

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

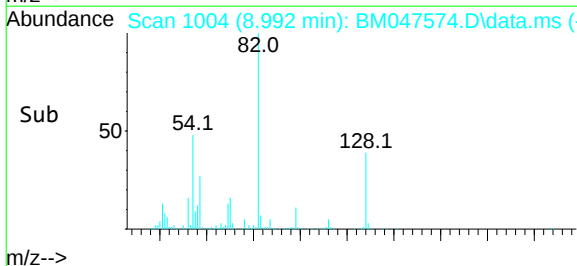
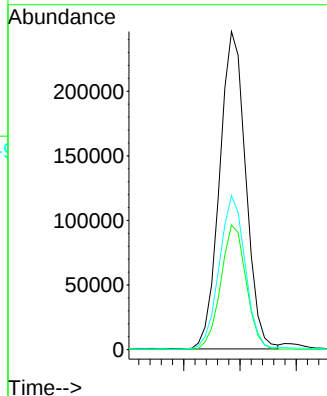
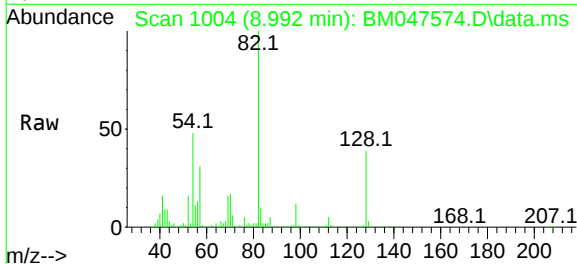
Tgt Ion: 82 Resp: 397331

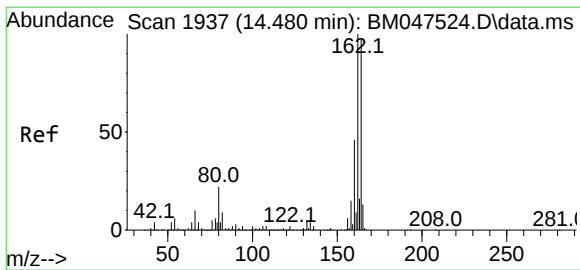
Ion Ratio Lower Upper

82 100

128 39.2 33.0 49.4

54 48.4 39.3 58.9

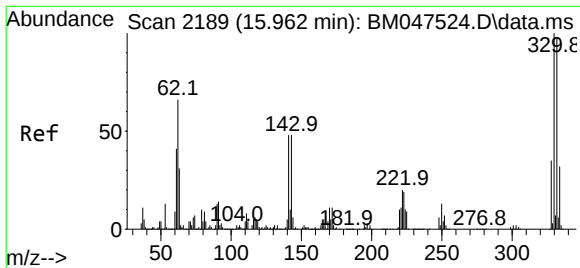
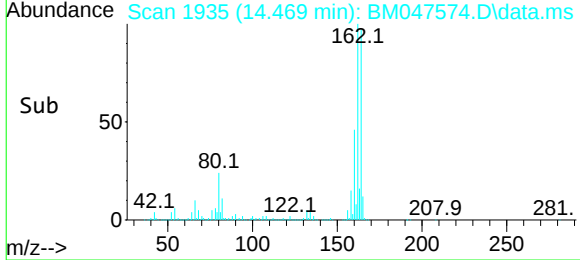
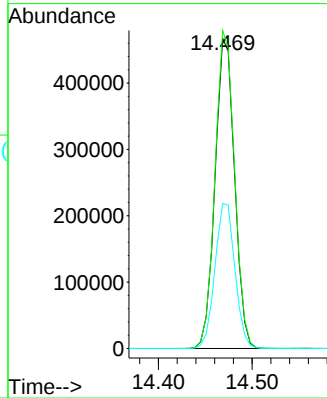
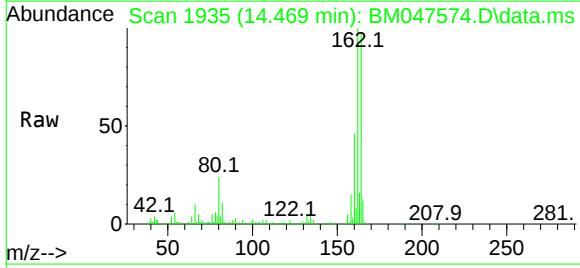




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BM047574.D
Acq: 19 Sep 2024 17:13

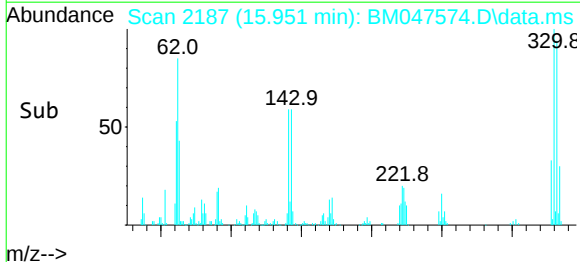
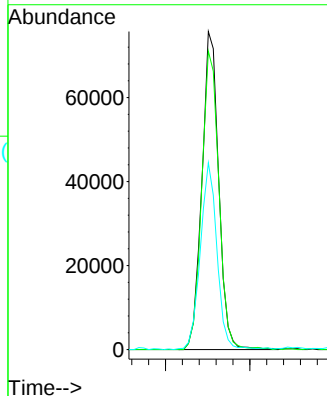
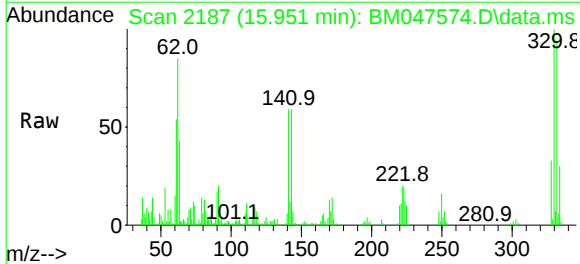
Instrument :
BNA_M
ClientSampleId :
EFF-WW

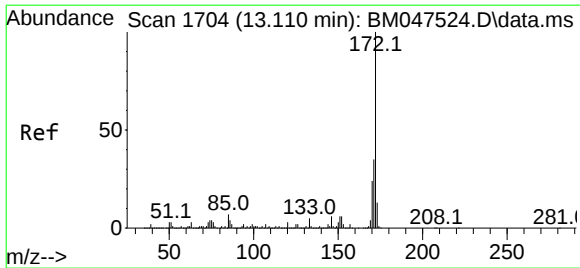
Tgt Ion:164 Resp: 676961
Ion Ratio Lower Upper
164 100
162 102.6 82.2 123.2
160 46.8 38.2 57.2



#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

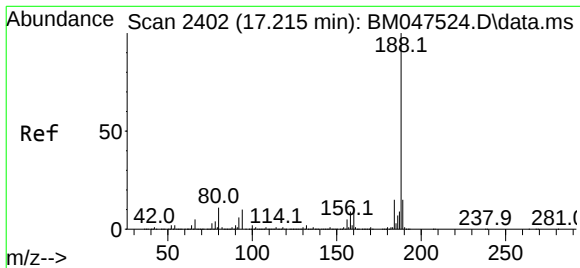
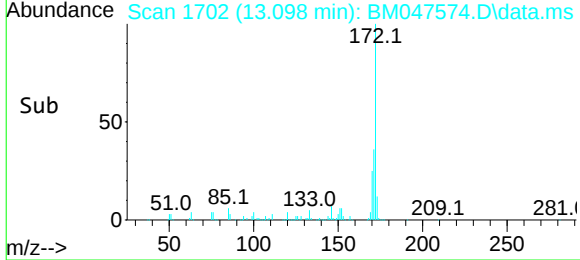
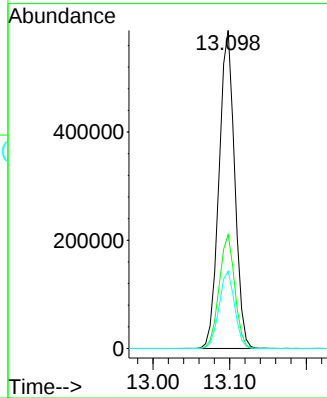
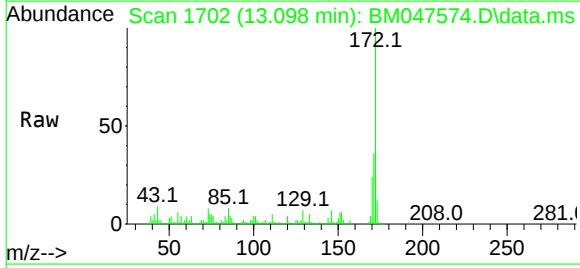




#45
2-Fluorobiphenyl
Concen: 16.903 ng
RT: 13.098 min Scan# 17
Delta R.T. -0.012 min
Lab File: BM047574.D
Acq: 19 Sep 2024 17:13

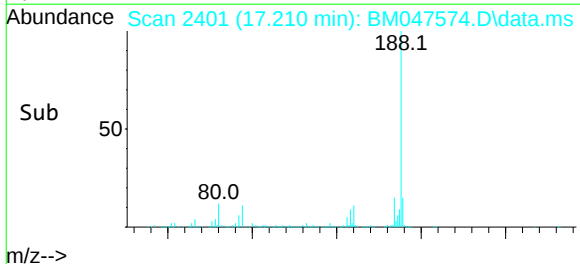
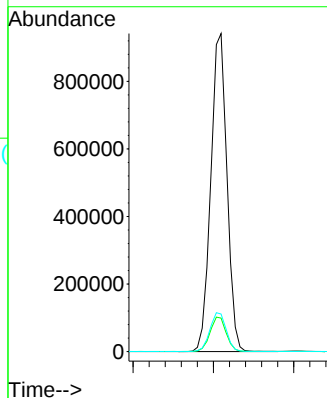
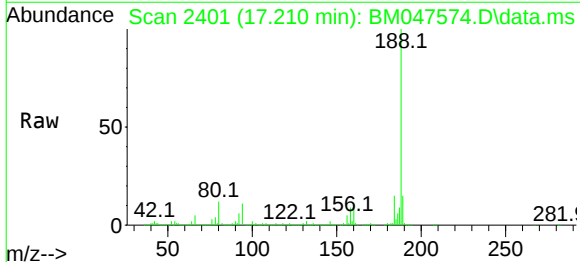
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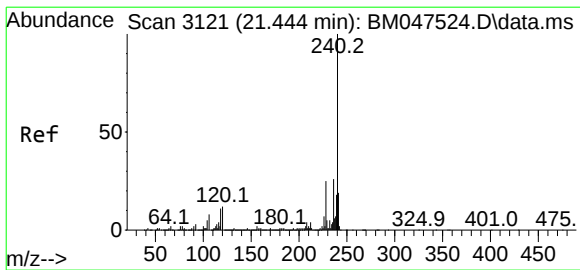
Tgt Ion:	172	Resp:	830657
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.2
170	24.3	19.4	29.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM047574.D
Acq: 19 Sep 2024 17:13

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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 31

Delta R.T. -0.011 min

Lab File: BM047574.D

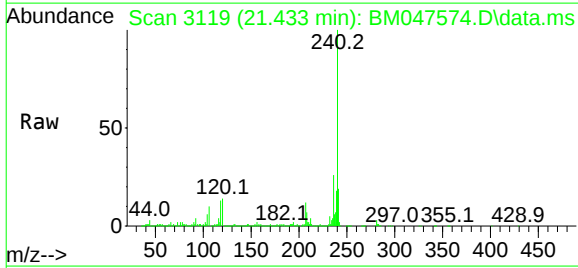
Acq: 19 Sep 2024 17:13

Instrument :

BNA_M

ClientSampleId :

EFF-WW



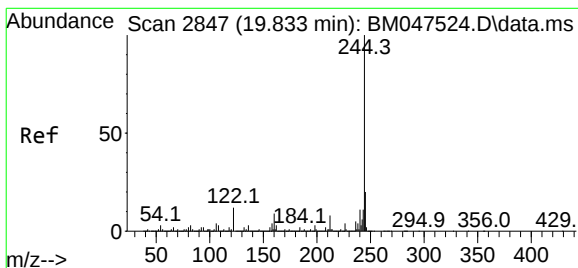
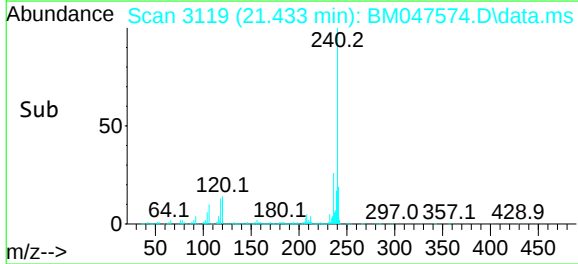
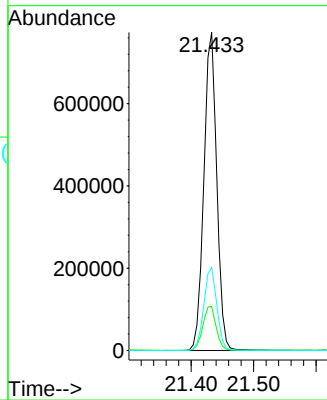
Tgt Ion:240 Resp: 1106462

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

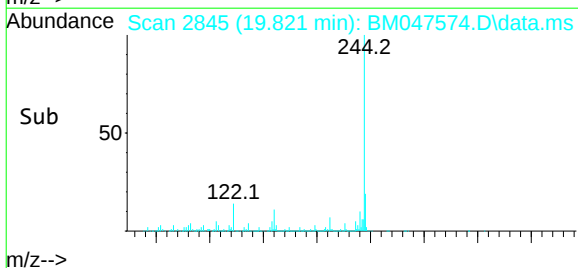
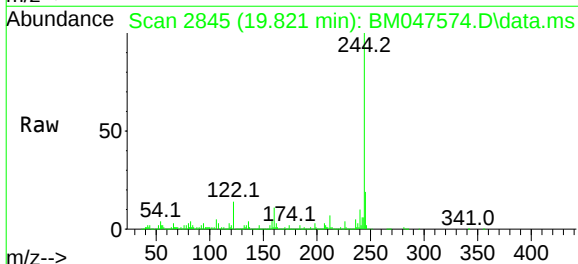
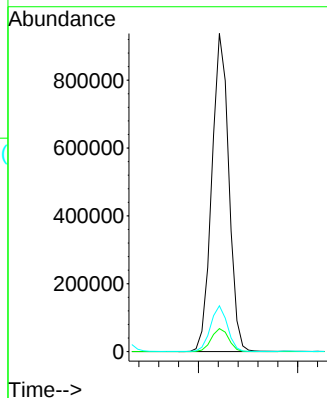
Tgt Ion:244 Resp: 1117287

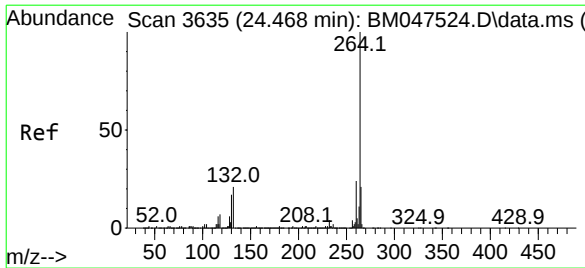
Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

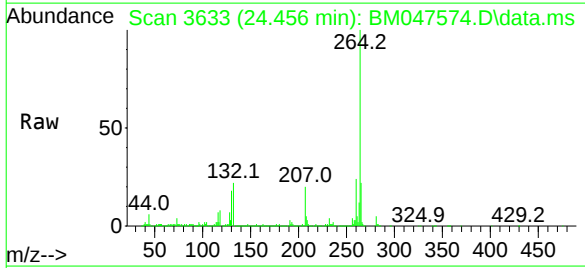
122 14.4 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.456 min Scan# 36
 Delta R.T. -0.012 min
 Lab File: BM047574.D
 Acq: 19 Sep 2024 17:13

Instrument :
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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

