

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091824\
 Data File : BM047556.D
 Acq On : 18 Sep 2024 15:01
 Operator : RC/JU
 Sample : P4087-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-614-COMP-02

Quant Time: Sep 18 15:48:20 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)

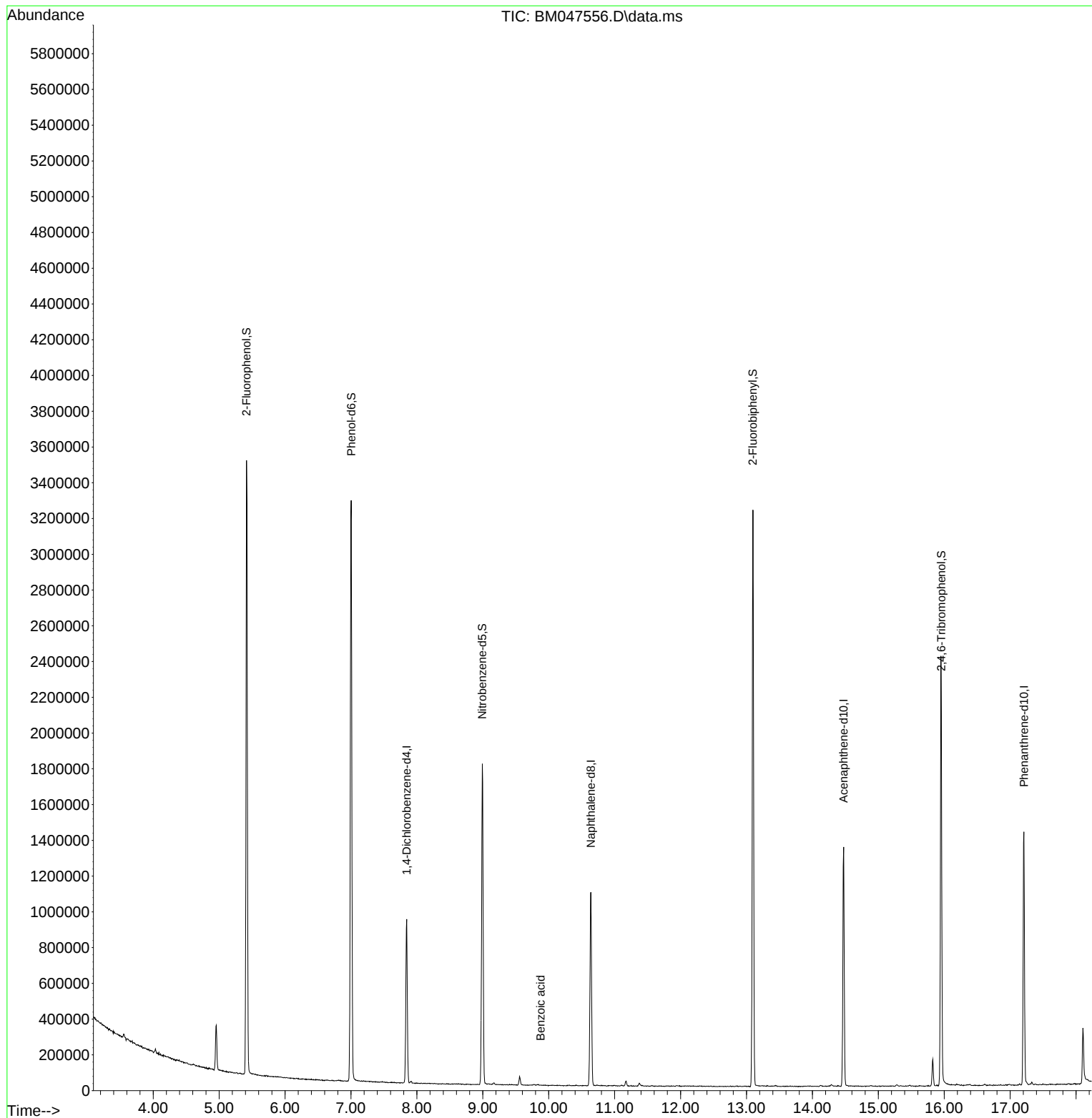
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	220661	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	839796	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	396783	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	744199	20.000	ng	0.00
76) Chrysene-d12	21.433	240	635989	20.000	ng	#-0.01
86) Perylene-d12	24.456	264	695194	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1335558	96.369	ng	0.00
7) Phenol-d6	7.004	99	1703306	87.273	ng	0.00
23) Nitrobenzene-d5	8.992	82	1017650	60.645	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	279688	72.926	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	1404446	48.759	ng	-0.01
79) Terphenyl-d14	19.821	244	1807601	50.930	ng	-0.01
Target Compounds						
32) Benzoic acid	9.875	122	63	6.705	ng	# 16

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

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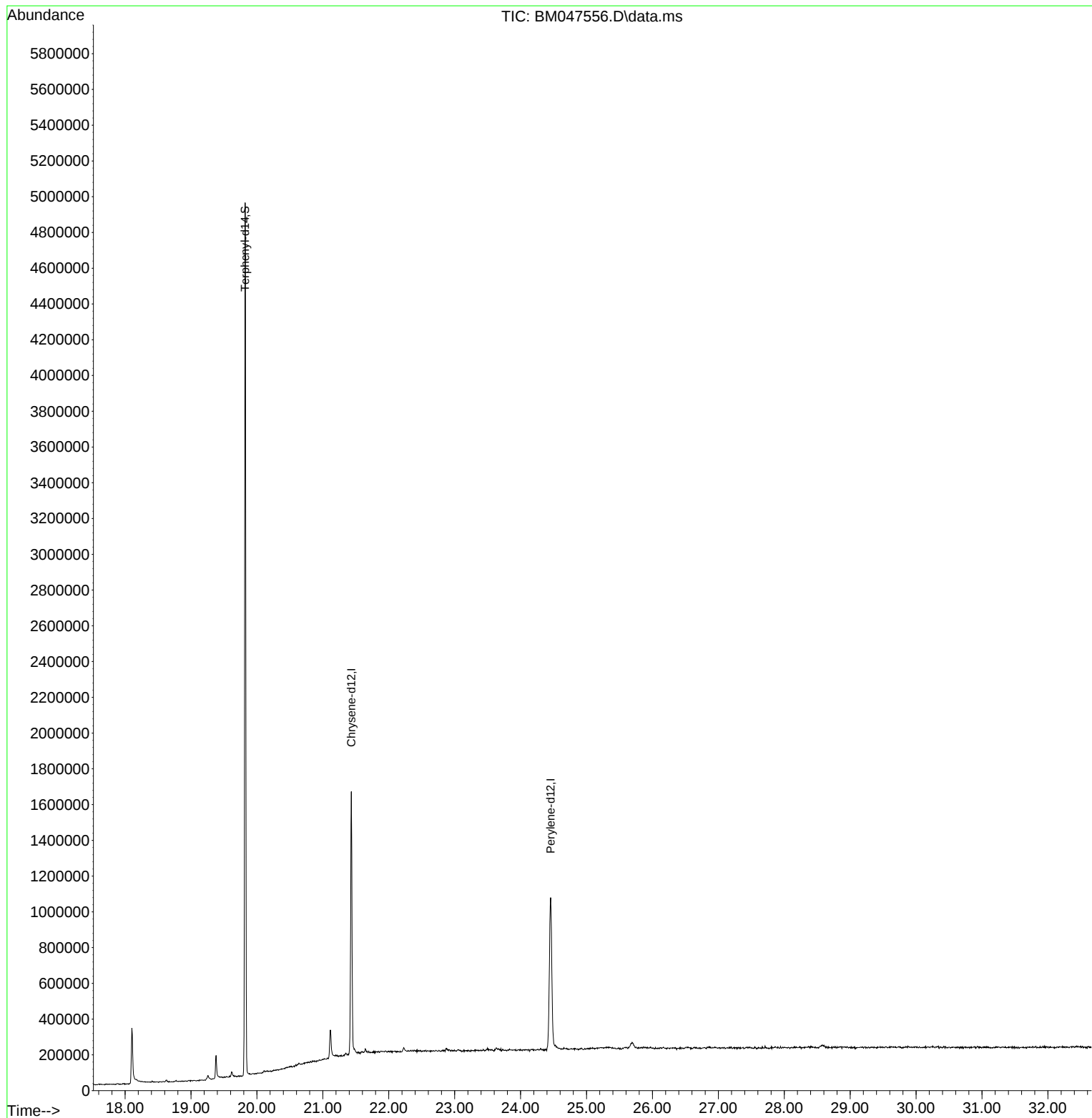
Quant Time: Sep 18 15:48:20 2024
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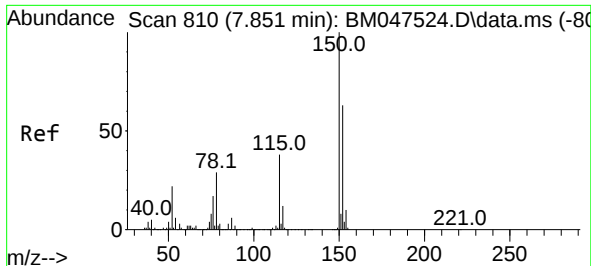


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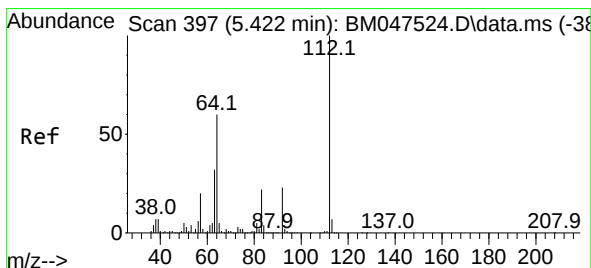
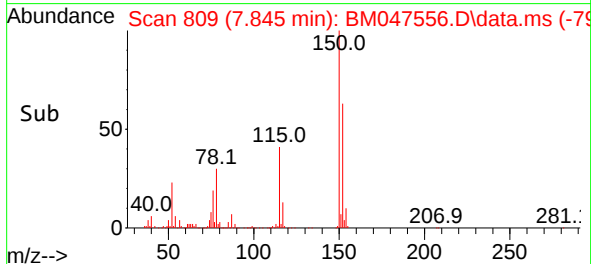
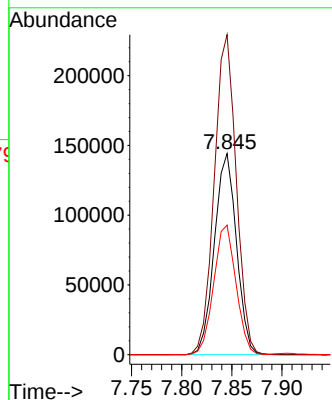
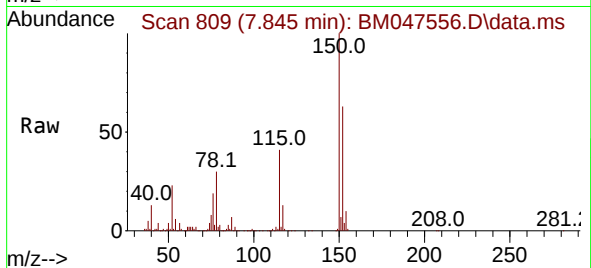




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM047556.D
Acq: 18 Sep 2024 15:01

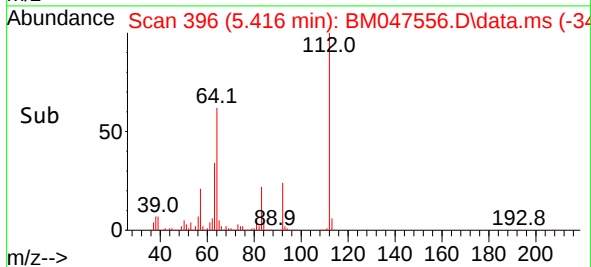
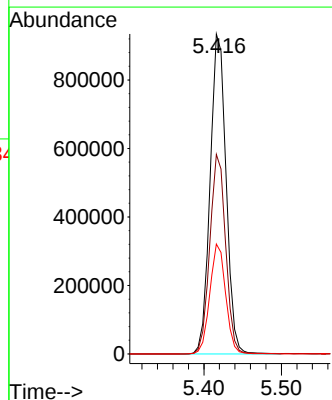
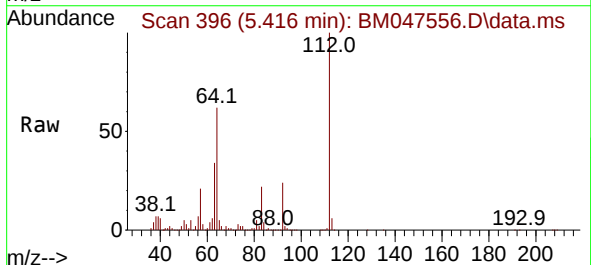
Instrument :
BNA_M
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NB-614-COMP-02

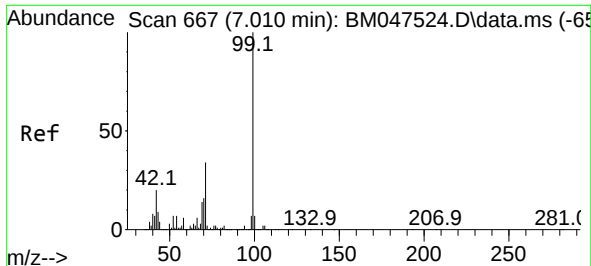
Tgt Ion:152 Resp: 220661
Ion Ratio Lower Upper
152 100
150 159.1 126.8 190.2
115 64.4 47.8 71.8



#5
2-Fluorophenol
Concen: 96.369 ng
RT: 5.416 min Scan# 396
Delta R.T. -0.006 min
Lab File: BM047556.D
Acq: 18 Sep 2024 15:01

Tgt Ion:112 Resp: 1335558
Ion Ratio Lower Upper
112 100
64 62.3 48.2 72.4
63 34.3 26.0 39.0

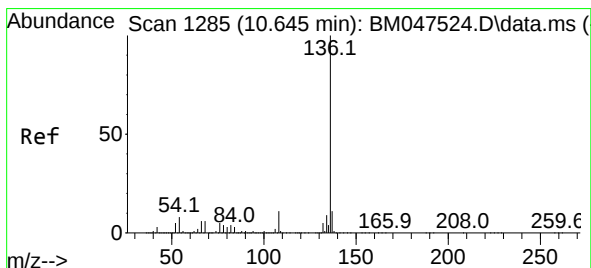
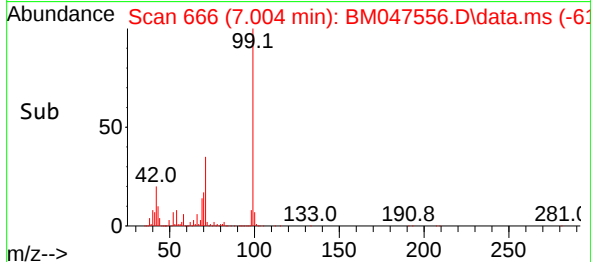
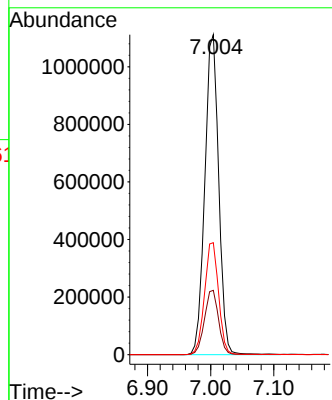
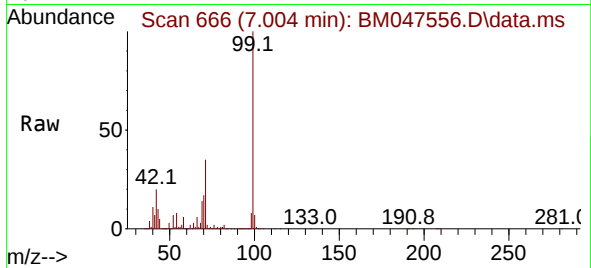




#7
Phenol-d6
Concen: 87.273 ng
RT: 7.004 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047556.D
Acq: 18 Sep 2024 15:01

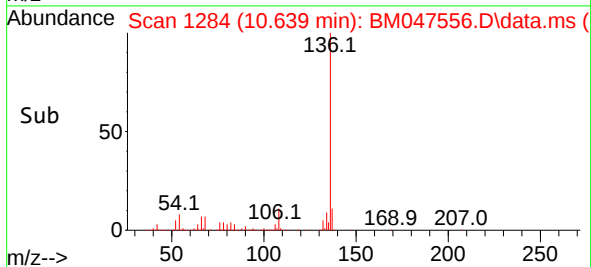
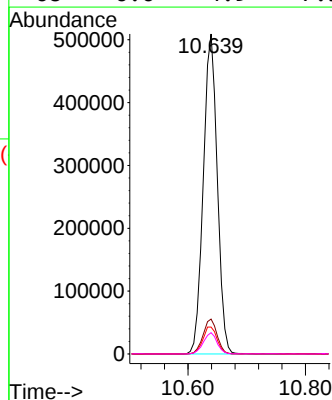
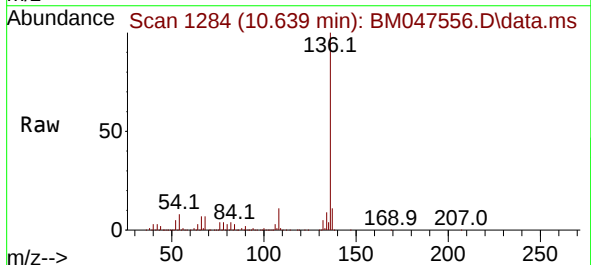
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-02

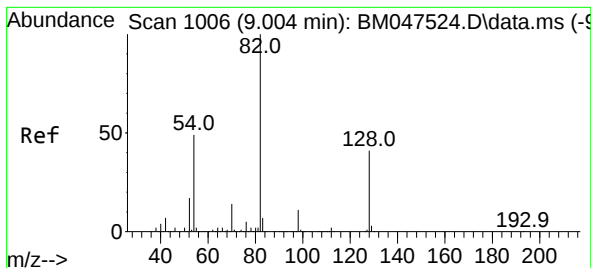
Tgt Ion: 99 Resp: 1703306
Ion Ratio Lower Upper
99 100
42 20.1 15.8 23.8
71 35.0 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM047556.D
Acq: 18 Sep 2024 15:01

Tgt Ion: 136 Resp: 839796
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 8.4 6.6 9.8
68 6.6 4.9 7.3





#23

Nitrobenzene-d5

Concen: 60.645 ng

RT: 8.992 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BM047556.D

Acq: 18 Sep 2024 15:01

Instrument :

BNA_M

ClientSampleId :

NB-614-COMP-02

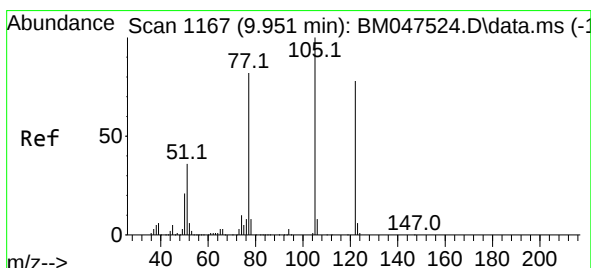
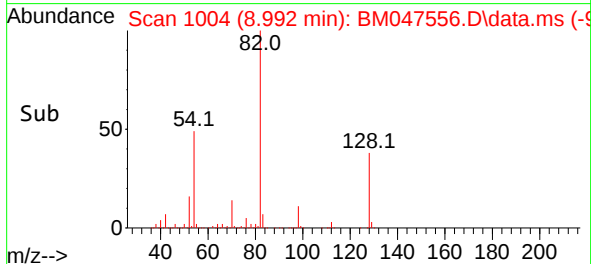
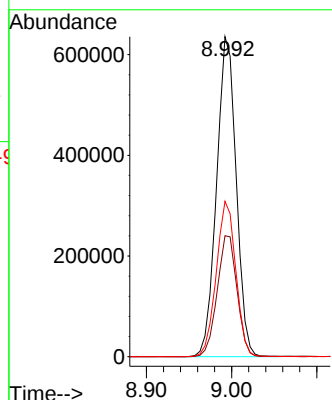
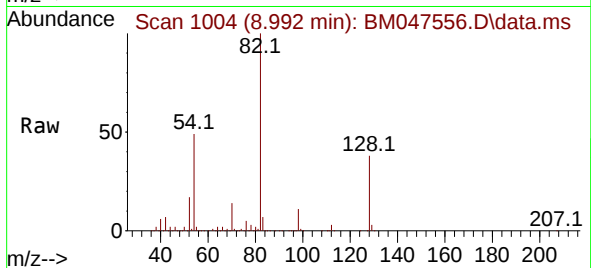
Tgt Ion: 82 Resp: 1017650

Ion Ratio Lower Upper

82 100

128 37.8 33.0 49.4

54 48.6 39.3 58.9



#32

Benzoic acid

Concen: 6.705 ng

RT: 9.875 min Scan# 1154

Delta R.T. -0.076 min

Lab File: BM047556.D

Acq: 18 Sep 2024 15:01

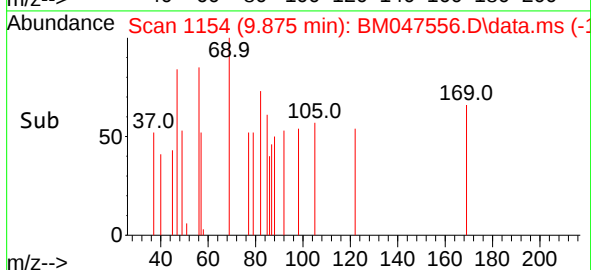
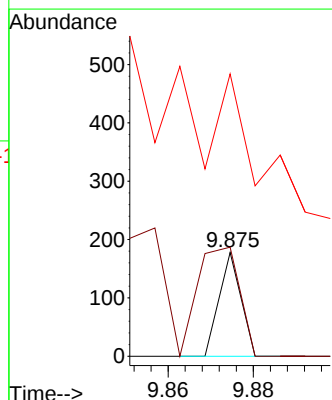
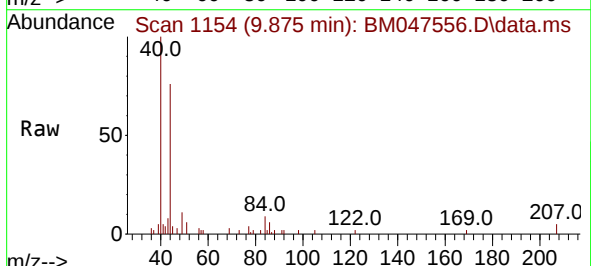
Tgt Ion:122 Resp: 63

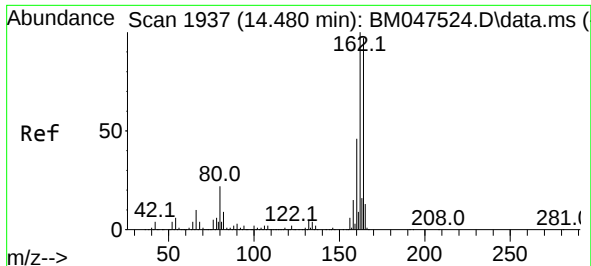
Ion Ratio Lower Upper

122 100

105 105.1 104.7 144.7

77 271.9 83.4 123.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.474 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BM047556.D

Acq: 18 Sep 2024 15:01

Instrument :

BNA_M

ClientSampleId :

NB-614-COMP-02

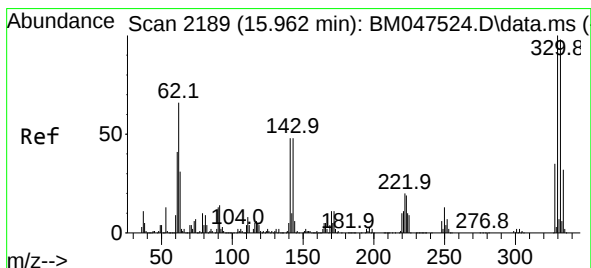
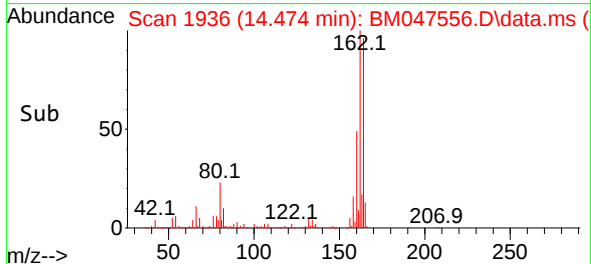
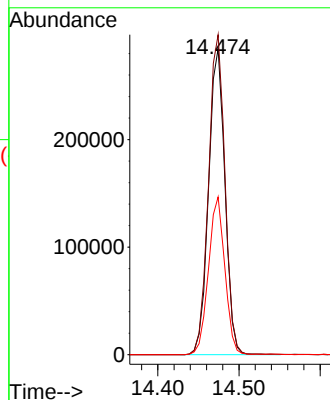
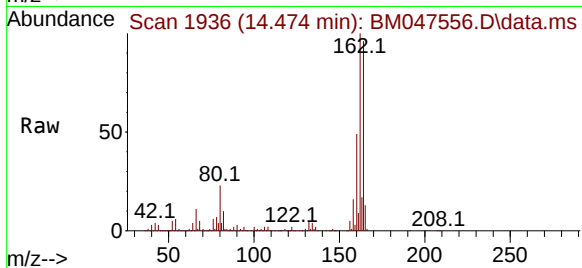
Tgt Ion:164 Resp: 396783

Ion Ratio Lower Upper

164 100

162 104.6 82.2 123.2

160 51.6 38.2 57.2



#42

2,4,6-Tribromophenol

Concen: 72.926 ng

RT: 15.957 min Scan# 2188

Delta R.T. -0.006 min

Lab File: BM047556.D

Acq: 18 Sep 2024 15:01

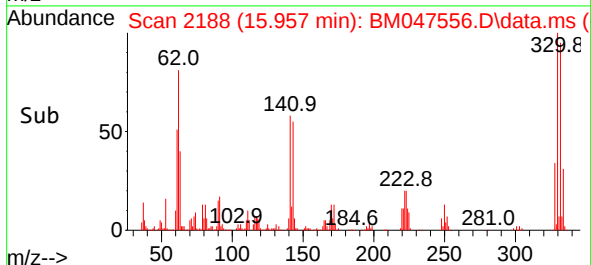
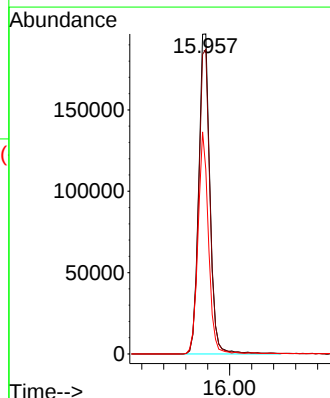
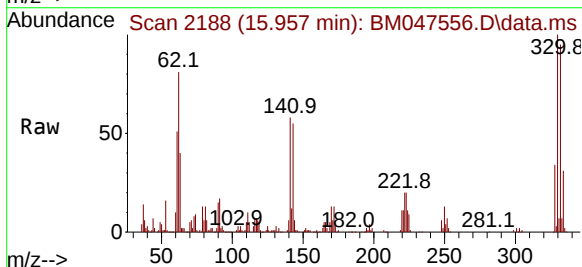
Tgt Ion:330 Resp: 279688

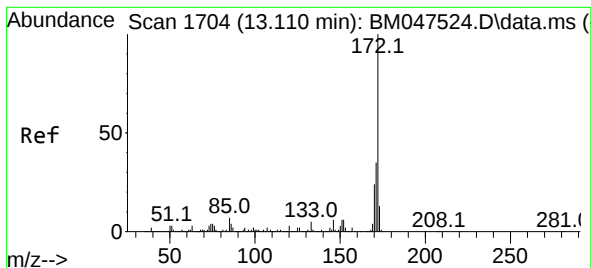
Ion Ratio Lower Upper

330 100

332 94.9 76.9 115.3

141 64.5 42.2 63.2#





#45

2-Fluorobiphenyl

Concen: 48.759 ng

RT: 13.098 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM047556.D

Acq: 18 Sep 2024 15:01

Instrument :

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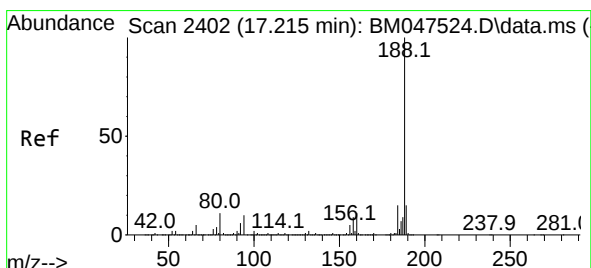
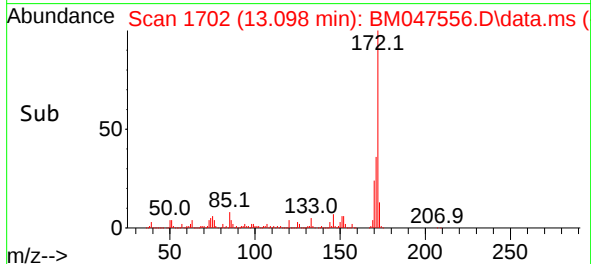
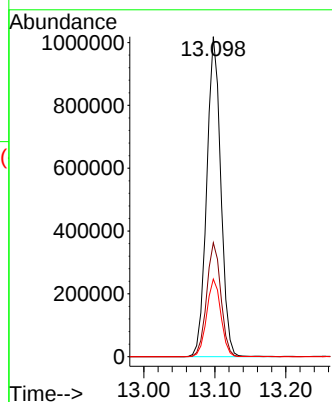
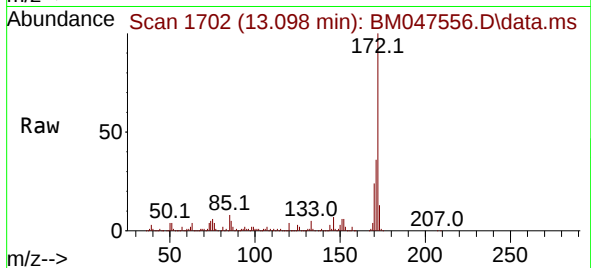
Tgt Ion:172 Resp: 1404446

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 24.2 19.4 29.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.209 min Scan# 2401

Delta R.T. -0.006 min

Lab File: BM047556.D

Acq: 18 Sep 2024 15:01

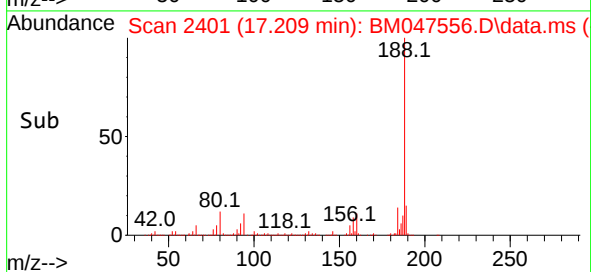
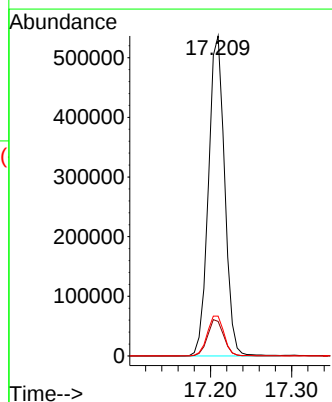
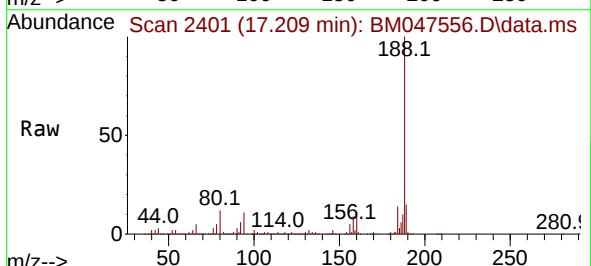
Tgt Ion:188 Resp: 744199

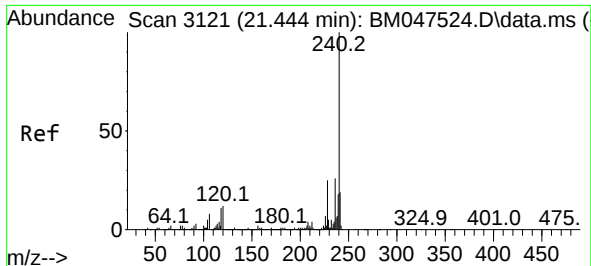
Ion Ratio Lower Upper

188 100

94 10.8 8.4 12.6

80 12.5 9.1 13.7

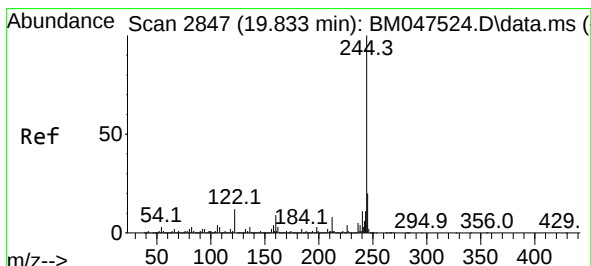
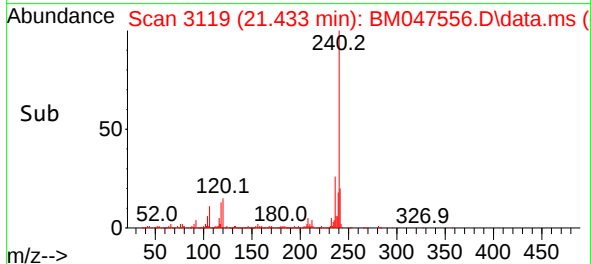
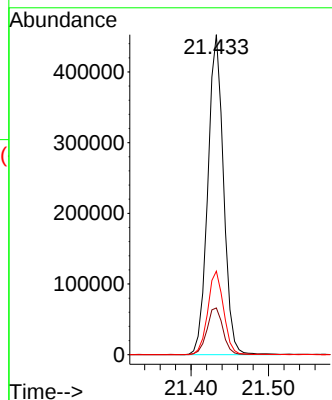
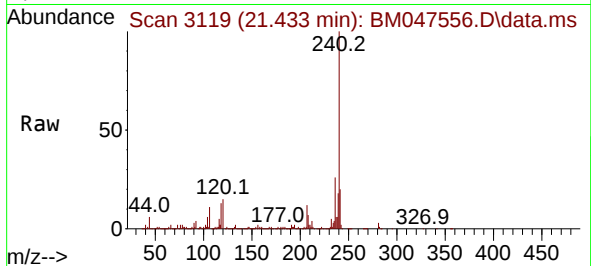




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3121
Delta R.T. -0.011 min
Lab File: BM047556.D
Acq: 18 Sep 2024 15:01

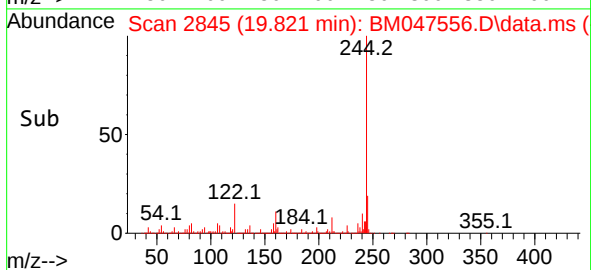
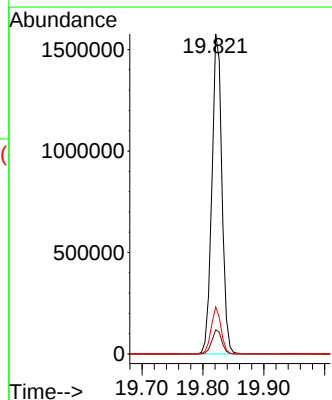
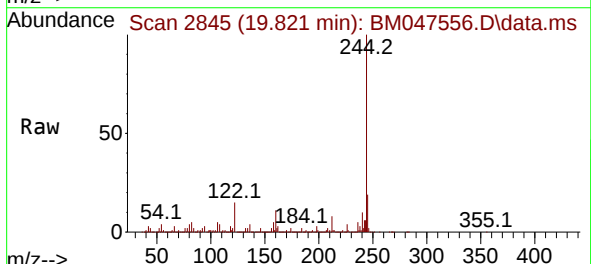
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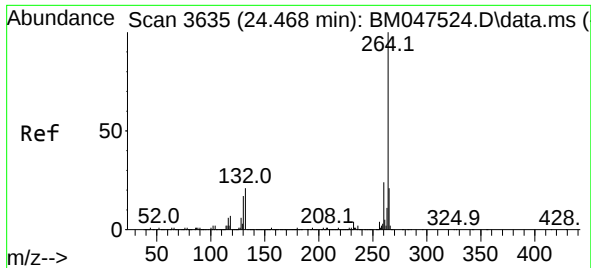
Tgt Ion:240 Resp: 635989
Ion Ratio Lower Upper
240 100
120 14.6 9.6 14.4#
236 26.1 20.9 31.3



#79
Terphenyl-d14
Concen: 50.930 ng
RT: 19.821 min Scan# 2845
Delta R.T. -0.012 min
Lab File: BM047556.D
Acq: 18 Sep 2024 15:01

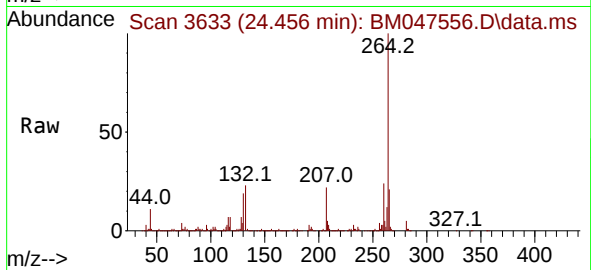
Tgt Ion:244 Resp: 1807601
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 14.7 9.6 14.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.456 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: BM047556.D
 Acq: 18 Sep 2024 15:01

Instrument :
 BNA_M
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Tgt Ion:264 Resp: 695194
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.9 28.3
 265 21.5 17.4 26.2

