

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091824\
 Data File : BM047561.D
 Acq On : 18 Sep 2024 18:26
 Operator : RC/JU
 Sample : P4088-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-614-COMP-07

Quant Time: Sep 19 03:18:20 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)

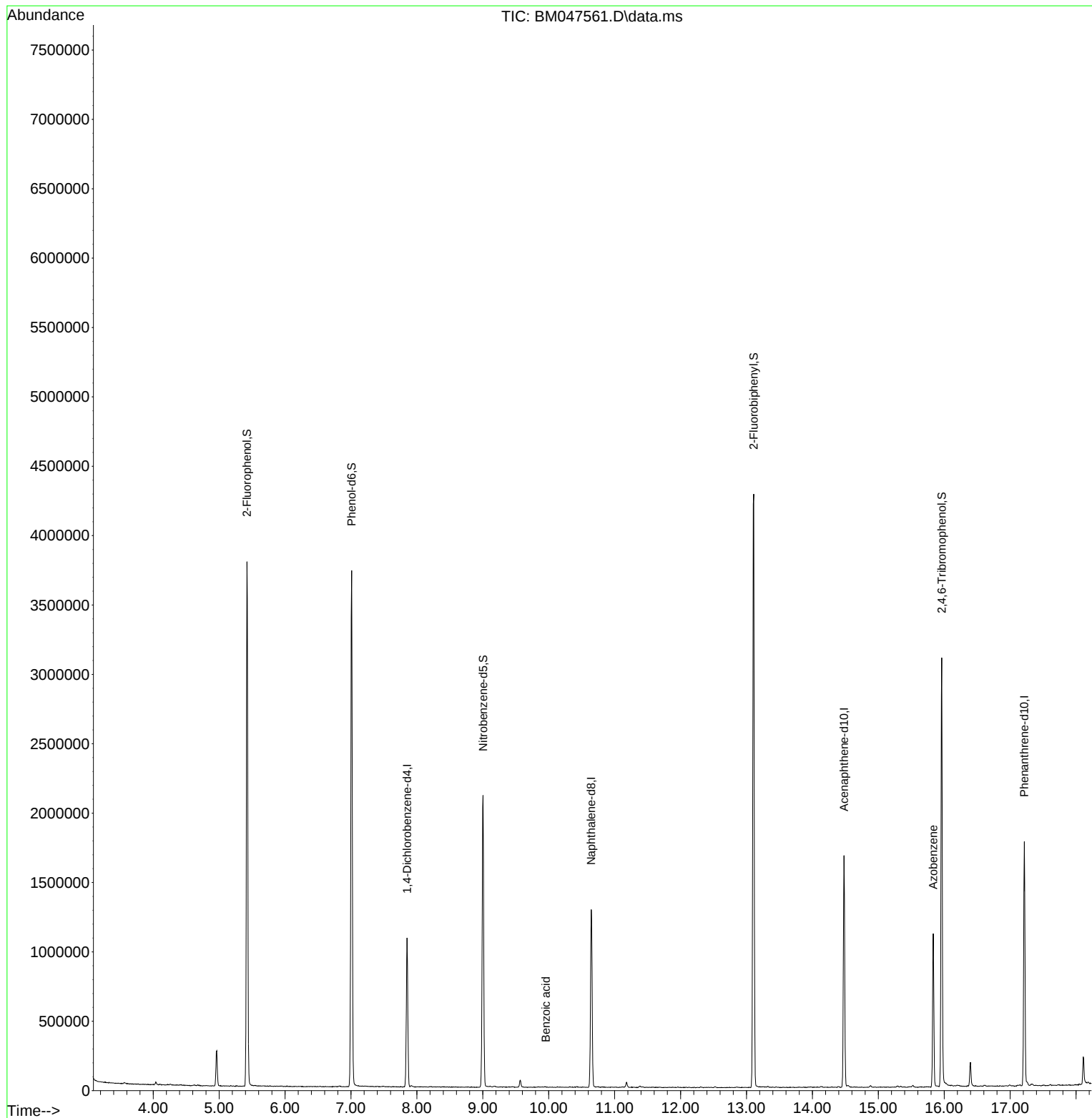
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	261772	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	1029988	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	513901	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	935134	20.000	ng	0.00
76) Chrysene-d12	21.444	240	744295	20.000	ng	0.00
86) Perylene-d12	24.474	264	819285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1524462	92.725	ng	0.00
7) Phenol-d6	7.010	99	1974846	85.295	ng	0.00
23) Nitrobenzene-d5	9.004	82	1198154	58.217	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	380265	76.554	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	2036518	54.589	ng	0.00
79) Terphenyl-d14	19.833	244	2451056	59.011	ng	0.00
Target Compounds						
32) Benzoic acid	9.957	122	64	6.704	ng	# 8
63) Azobenzene	15.833	77	330234	8.045	ng	# 1

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

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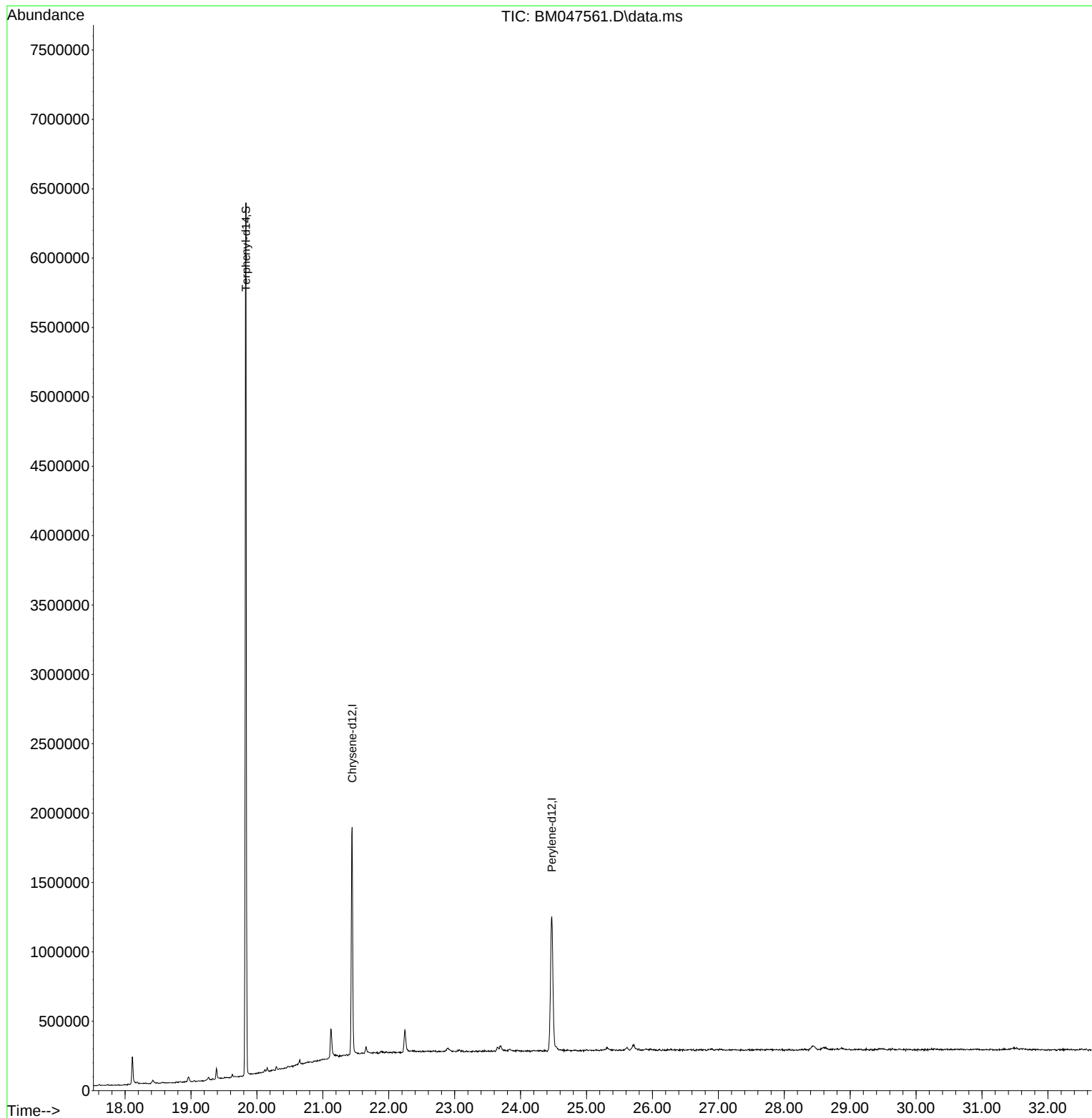
Quant Time: Sep 19 03:18:20 2024
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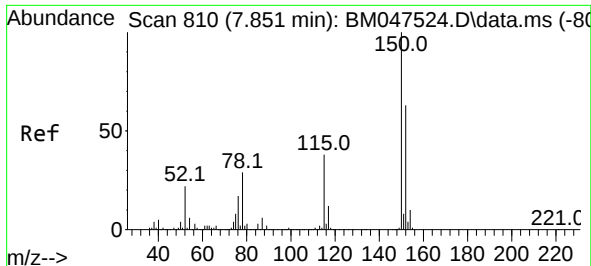


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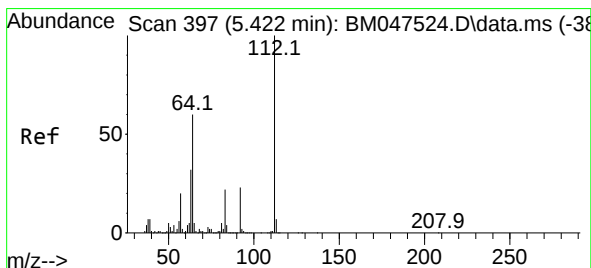
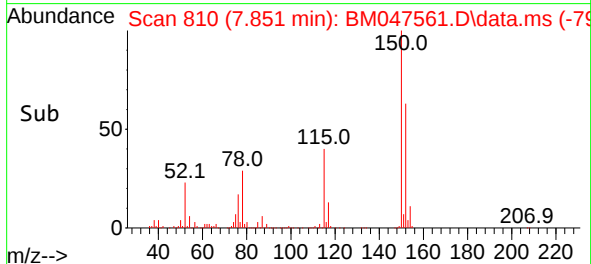
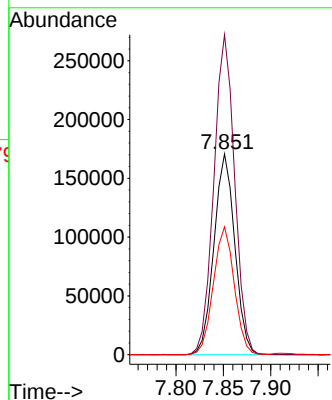
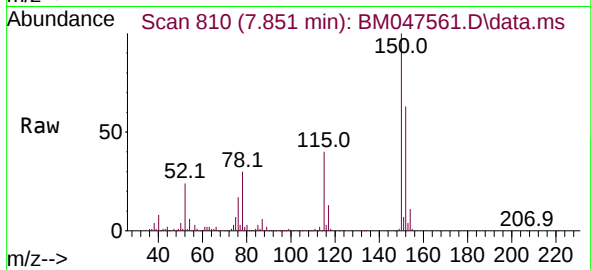




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BM047561.D
Acq: 18 Sep 2024 18:26

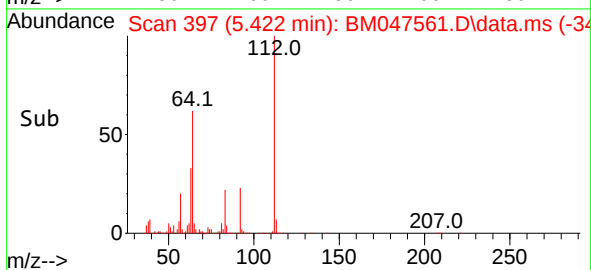
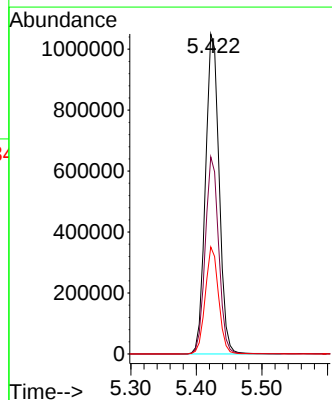
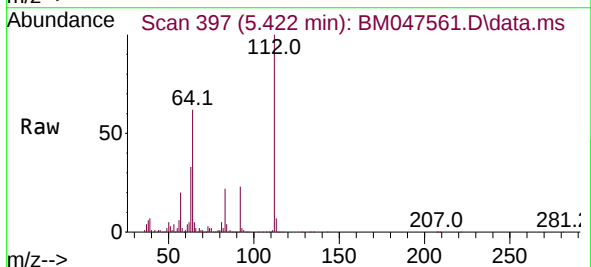
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-07

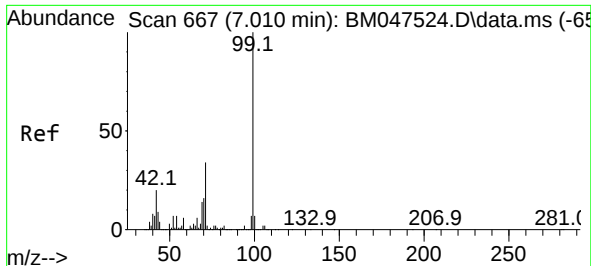
Tgt Ion:152 Resp: 261772
Ion Ratio Lower Upper
152 100
150 159.3 126.8 190.2
115 63.7 47.8 71.8



#5
2-Fluorophenol
Concen: 92.725 ng
RT: 5.422 min Scan# 397
Delta R.T. -0.000 min
Lab File: BM047561.D
Acq: 18 Sep 2024 18:26

Tgt Ion:112 Resp: 1524462
Ion Ratio Lower Upper
112 100
64 61.6 48.2 72.4
63 33.5 26.0 39.0

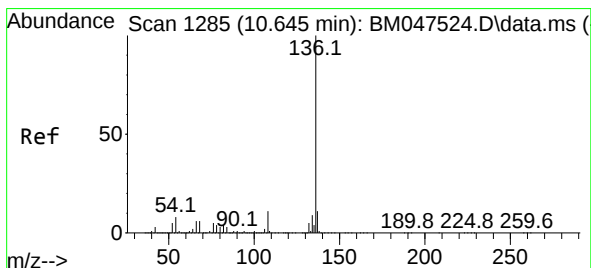
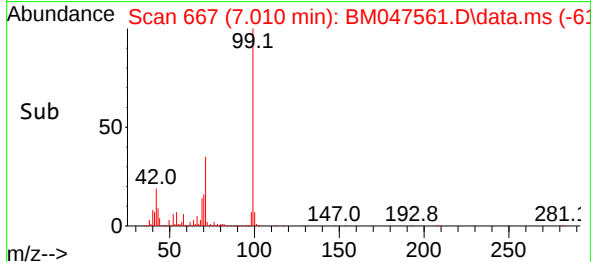
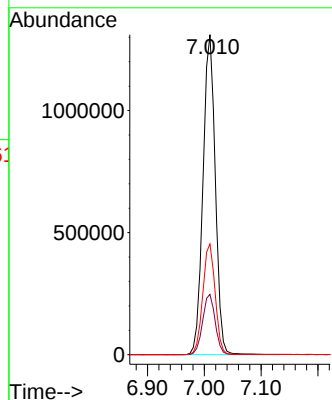
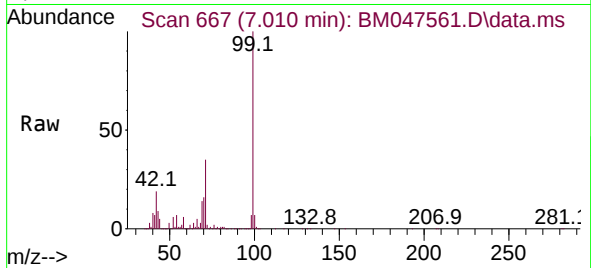




#7
Phenol-d6
Concen: 85.295 ng
RT: 7.010 min Scan# 667
Delta R.T. -0.000 min
Lab File: BM047561.D
Acq: 18 Sep 2024 18:26

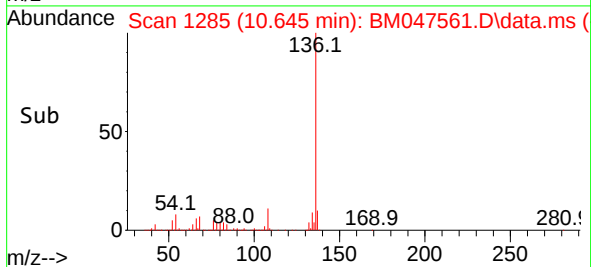
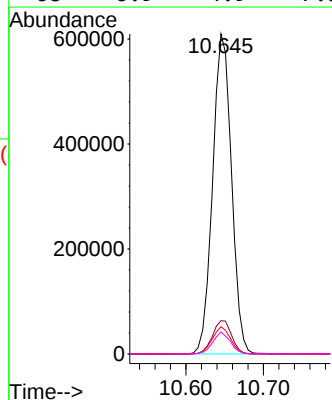
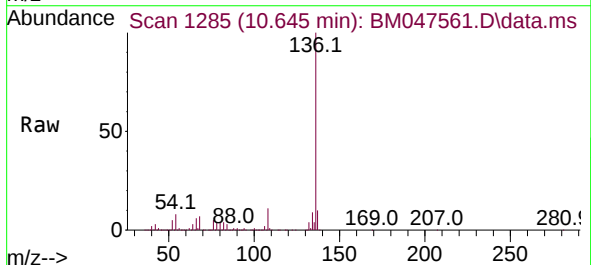
Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-07

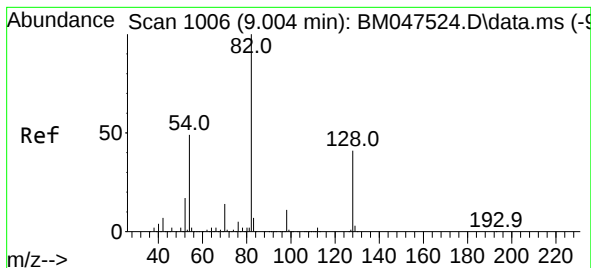
Tgt Ion: 99 Resp: 1974846
Ion Ratio Lower Upper
99 100
42 18.9 15.8 23.8
71 34.6 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BM047561.D
Acq: 18 Sep 2024 18:26

Tgt Ion:136 Resp: 1029988
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.6
54 8.5 6.6 9.8
68 6.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 58.217 ng

RT: 9.004 min Scan# 110

Delta R.T. -0.000 min

Lab File: BM047561.D

Acq: 18 Sep 2024 18:26

Instrument :

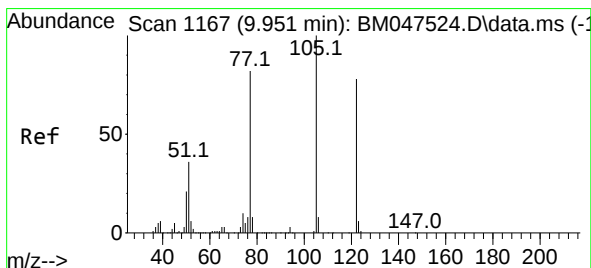
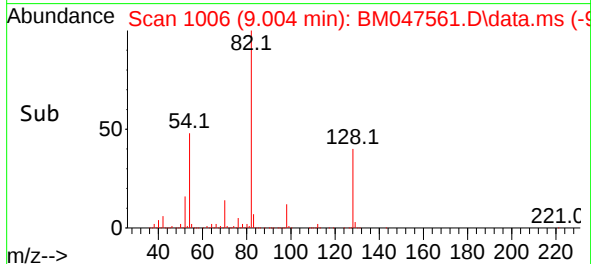
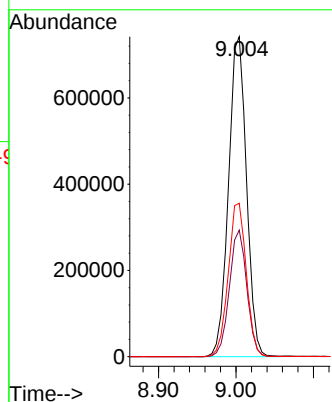
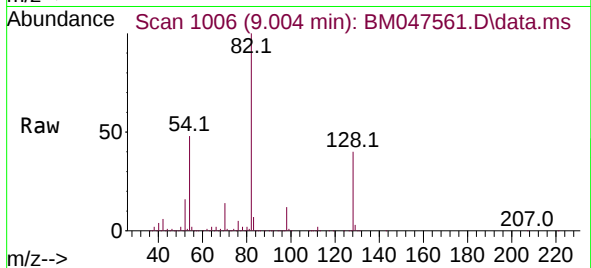
BNA_M

ClientSampleId :

NB-614-COMP-07

Tgt Ion: 82 Resp: 1198154

Ion	Ratio	Lower	Upper
82	100		
128	39.5	33.0	49.4
54	47.9	39.3	58.9



#32

Benzoic acid

Concen: 6.704 ng

RT: 9.957 min Scan# 1168

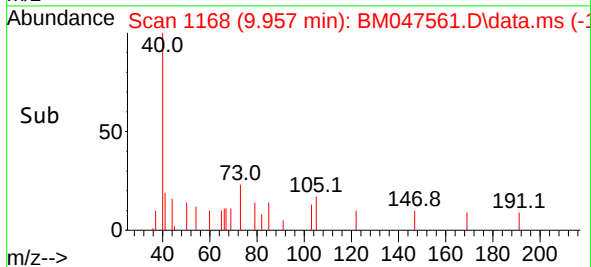
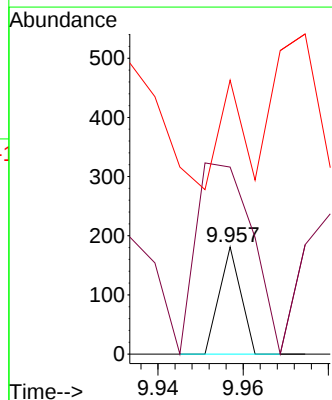
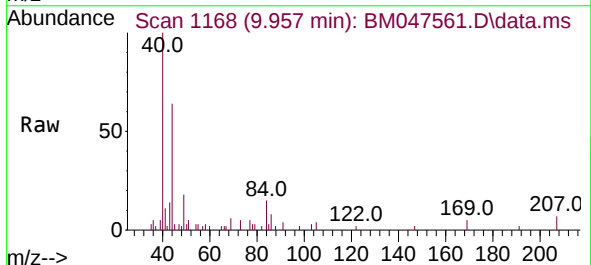
Delta R.T. 0.006 min

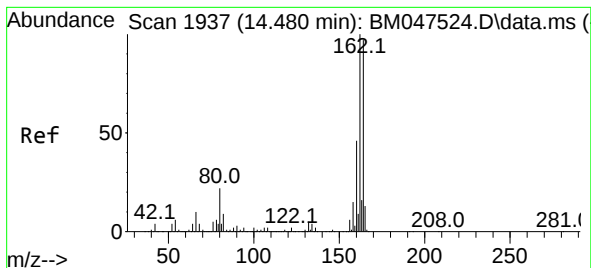
Lab File: BM047561.D

Acq: 18 Sep 2024 18:26

Tgt Ion:122 Resp: 64

Ion	Ratio	Lower	Upper
122	100		
105	174.6	104.7	144.7#
77	255.8	83.4	123.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.480 min Scan# 1937

Delta R.T. 0.000 min

Lab File: BM047561.D

Acq: 18 Sep 2024 18:26

Instrument :

BNA_M

ClientSampleId :

NB-614-COMP-07

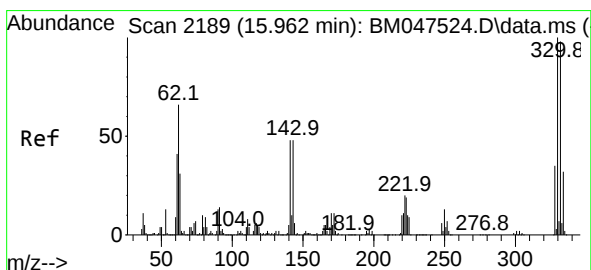
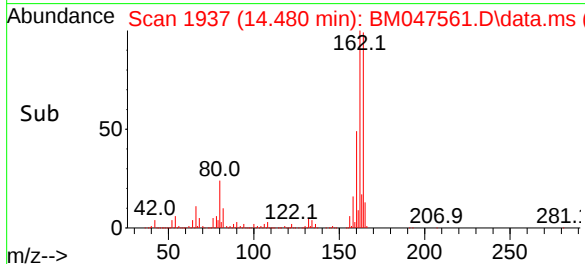
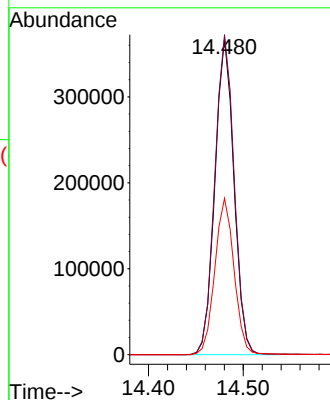
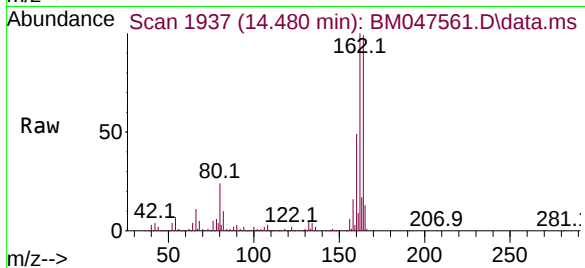
Tgt Ion:164 Resp: 513901

Ion Ratio Lower Upper

164 100

162 101.1 82.2 123.2

160 49.4 38.2 57.2



#42

2,4,6-Tribromophenol

Concen: 76.554 ng

RT: 15.962 min Scan# 2189

Delta R.T. -0.000 min

Lab File: BM047561.D

Acq: 18 Sep 2024 18:26

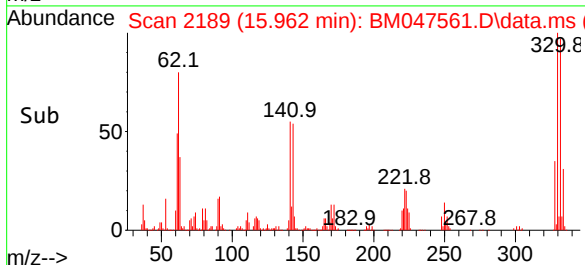
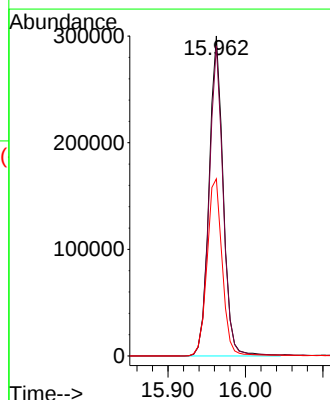
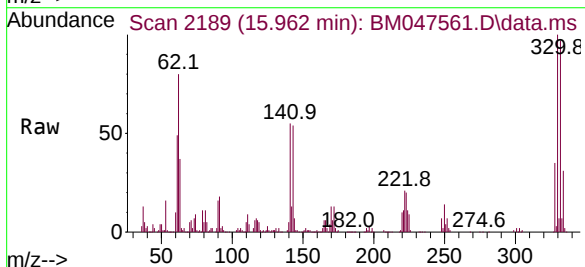
Tgt Ion:330 Resp: 380265

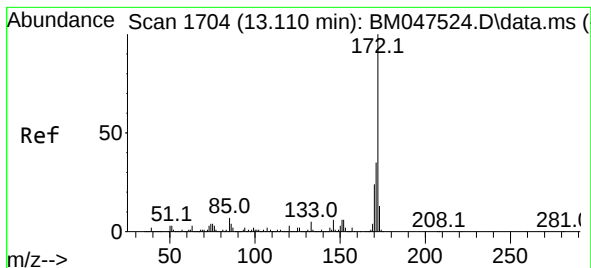
Ion Ratio Lower Upper

330 100

332 95.8 76.9 115.3

141 59.7 42.2 63.2





#45

2-Fluorobiphenyl

Concen: 54.589 ng

RT: 13.110 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047561.D

Acq: 18 Sep 2024 18:26

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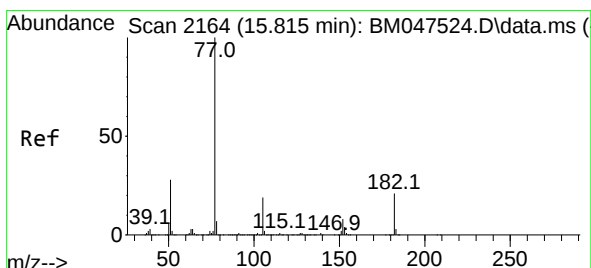
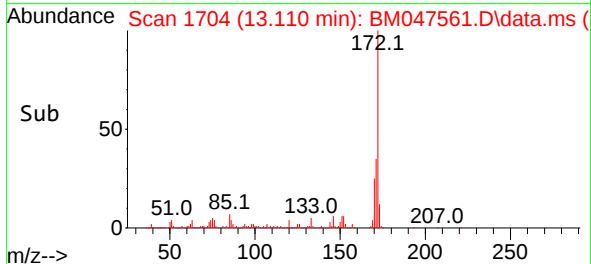
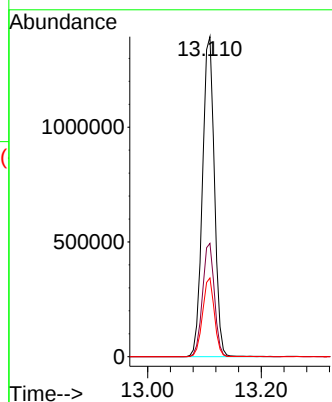
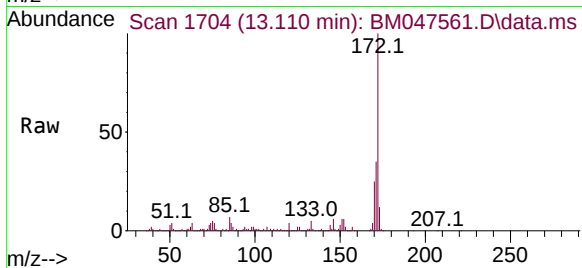
Tgt Ion:172 Resp: 2036518

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 24.6 19.4 29.0



#63

Azobenzene

Concen: 8.045 ng

RT: 15.833 min Scan# 2167

Delta R.T. 0.018 min

Lab File: BM047561.D

Acq: 18 Sep 2024 18:26

Tgt Ion: 77 Resp: 330234

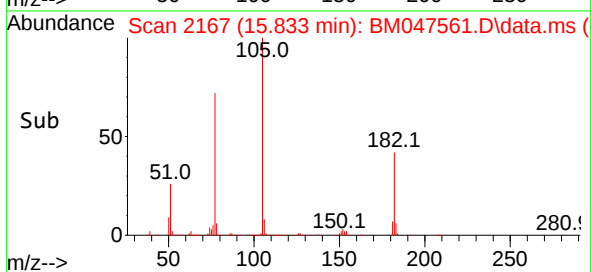
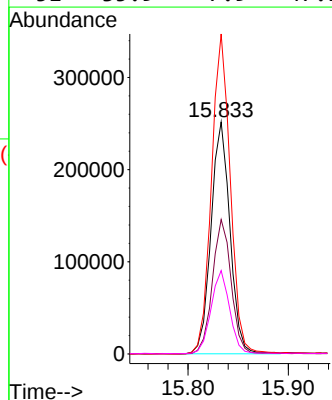
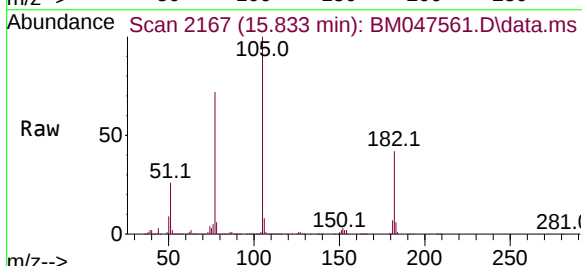
Ion Ratio Lower Upper

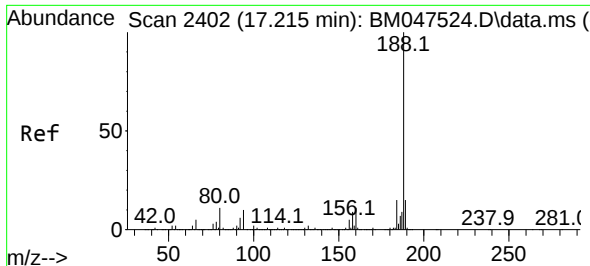
77 100

182 57.9 1.2 41.2#

105 137.9 0.0 39.4#

51 35.9 7.9 47.9

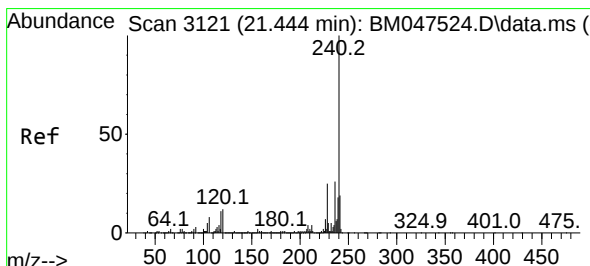
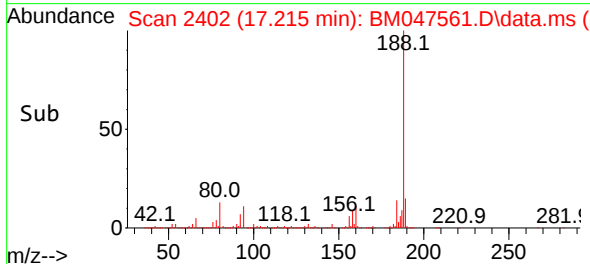
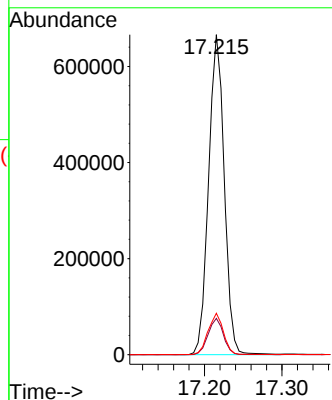
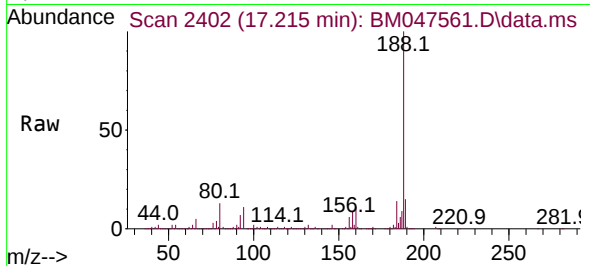




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BM047561.D
Acq: 18 Sep 2024 18:26

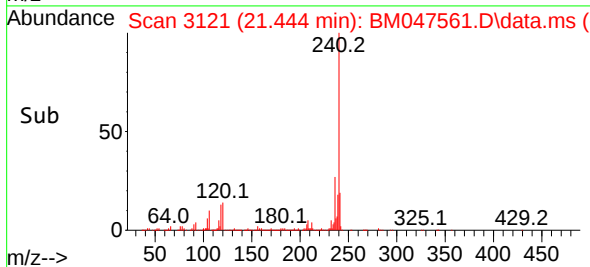
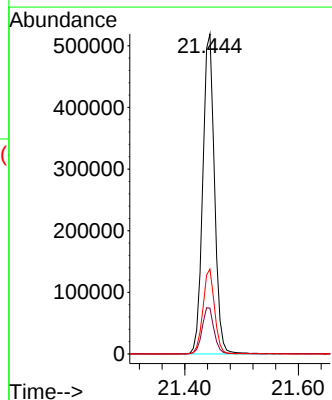
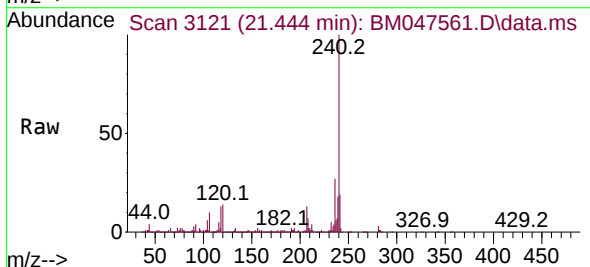
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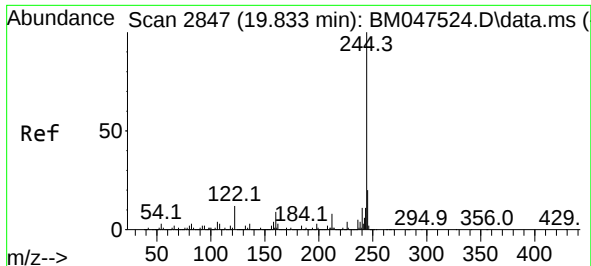
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.4	12.6
80	13.0	9.1	13.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BM047561.D
Acq: 18 Sep 2024 18:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.3	9.6	14.4
236	26.5	20.9	31.3

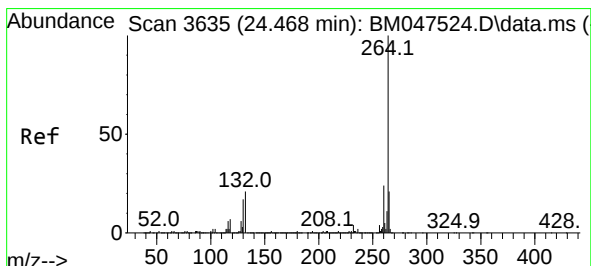
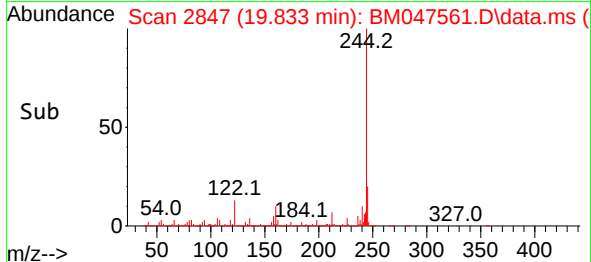
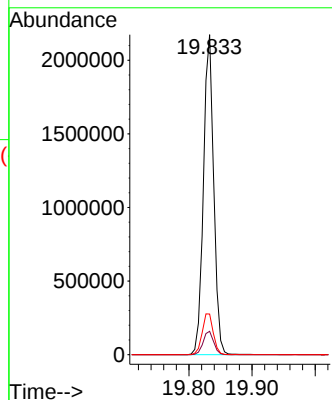
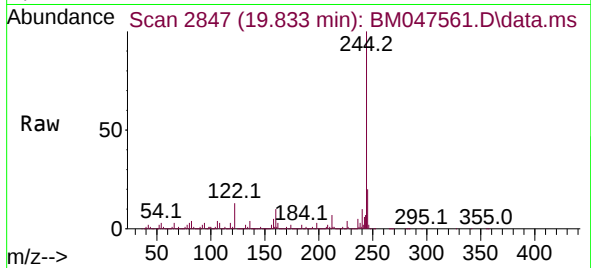




#79
 Terphenyl-d14
 Concen: 59.011 ng
 RT: 19.833 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM047561.D
 Acq: 18 Sep 2024 18:26

Instrument :
 BNA_M
 ClientSampleId :
 NB-614-COMP-07

Tgt Ion:244 Resp: 2451056
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 12.7 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.474 min Scan# 3636
 Delta R.T. 0.006 min
 Lab File: BM047561.D
 Acq: 18 Sep 2024 18:26

Tgt Ion:264 Resp: 819285
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 21.6 17.4 26.2

