

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020221\
 Data File : BM028624.D
 Acq On : 02 Feb 2021 16:10
 Operator : CG/JU
 Sample : M1273-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WP-110

Quant Time: Feb 02 16:41:58 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 16:19:07 2021
 Response via : Initial Calibration

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

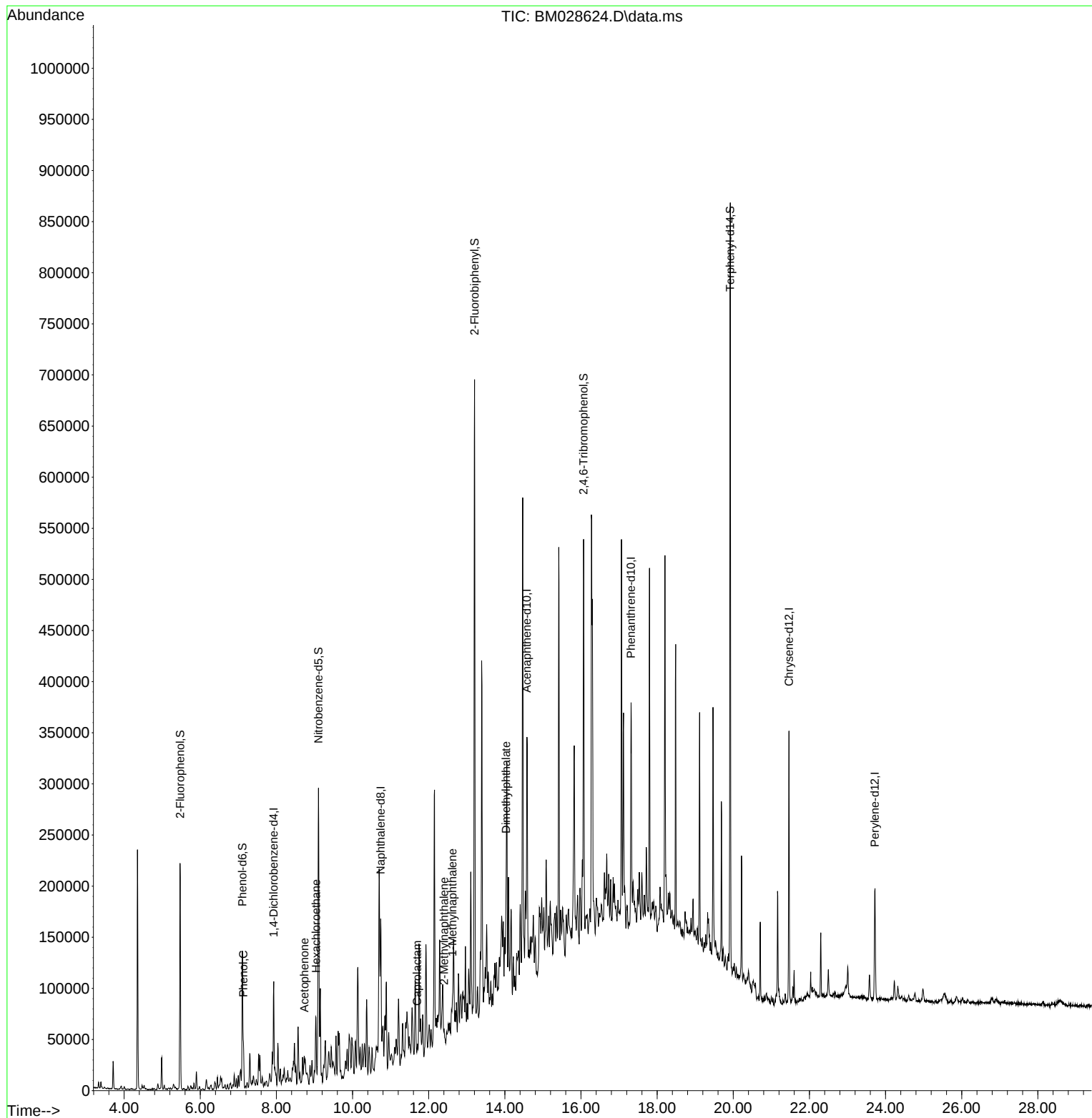
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	26812	20.00	ng	0.00
21) Naphthalene-d8	10.739	136	103999	20.00	ng	# 0.00
39) Acenaphthene-d10	14.580	164	54991	20.00	ng	0.00
64) Phenanthrene-d10	17.315	188	110736	20.00	ng	# 0.00
76) Chrysene-d12	21.462	240	107476	20.00	ng	# 0.00
86) Perylene-d12	23.715	264	57904	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	90054	53.06	ng	-0.01
7) Phenol-d6	7.104	99	70274	30.41	ng	-0.02
23) Nitrobenzene-d5	9.104	82	144947	66.10	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	69185	94.96	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	319122	72.81	ng	0.00
79) Terphenyl-d14	19.921	244	310458	52.16	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.134	94	8947	4.11	ng	92
18) Hexachloroethane	9.039	117	5941	7.01	ng	# 1
22) Acetophenone	8.734	105	16524	6.13	ng	# 62
35) Caprolactam	11.692	113	1513	2.81	ng	# 1
37) 2-Methylnaphthalene	12.404	142	8398	2.07	ng	99
38) 1-Methylnaphthalene	12.622	142	9927	2.58	ng	# 99
50) Dimethylphthalate	14.033	163	16649	3.68	ng	# 94

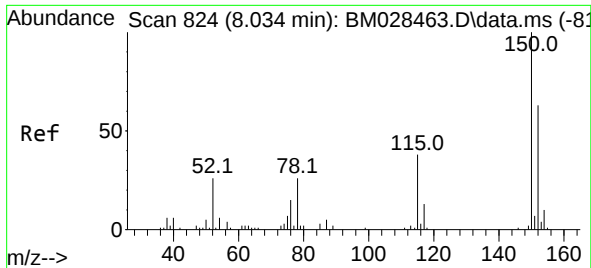
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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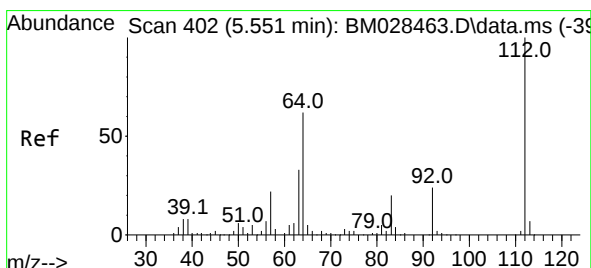
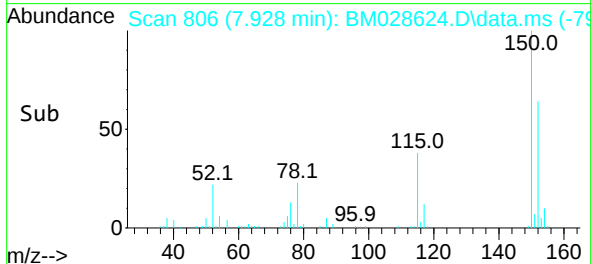
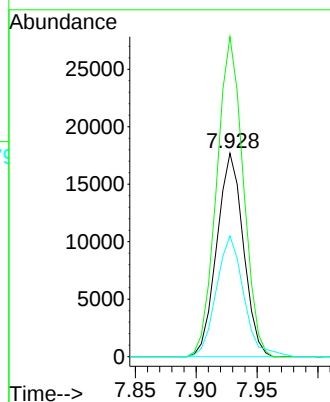
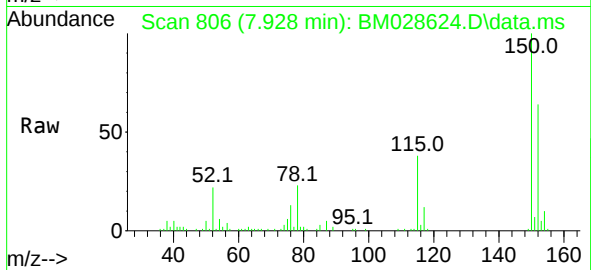




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM028624.D
Acq: 02 Feb 2021 16:10

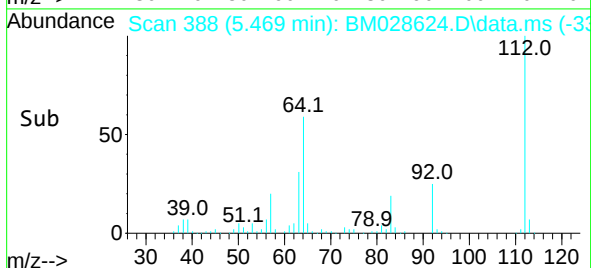
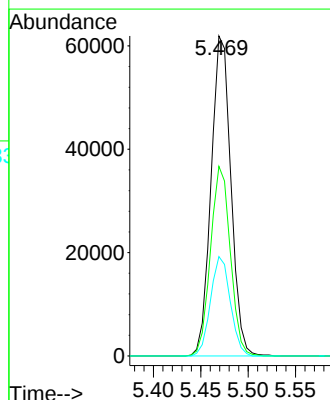
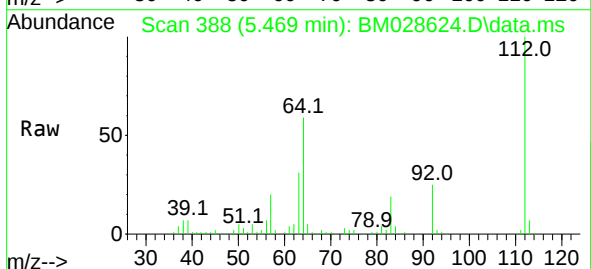
Instrument :
BNA_M
ClientSampleId :
WP-110

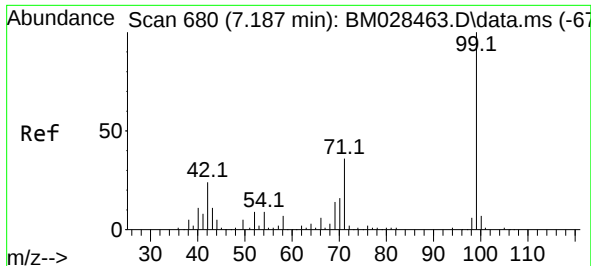
Tgt Ion:152 Resp: 26812
Ion Ratio Lower Upper
152 100
150 157.3 120.6 181.0
115 59.4 47.2 70.8



#5
2-Fluorophenol
Concen: 53.06 ng
RT: 5.469 min Scan# 388
Delta R.T. -0.012 min
Lab File: BM028624.D
Acq: 02 Feb 2021 16:10

Tgt Ion:112 Resp: 90054
Ion Ratio Lower Upper
112 100
64 59.3 50.6 76.0
63 31.1 31.0 46.6

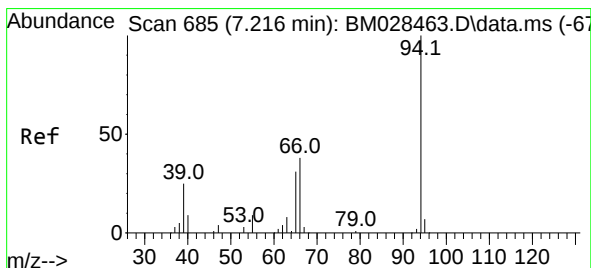
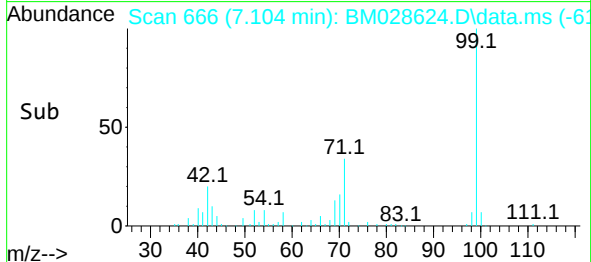
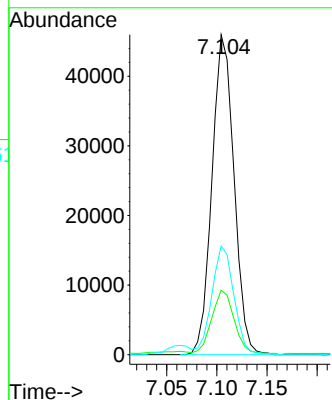
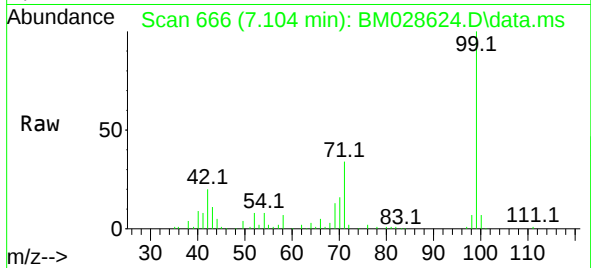




#7
Phenol-d6
Concen: 30.41 ng
RT: 7.104 min Scan# 666
Delta R.T. -0.018 min
Lab File: BM028624.D
Acq: 02 Feb 2021 16:10

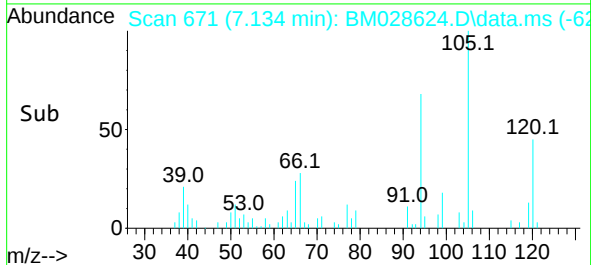
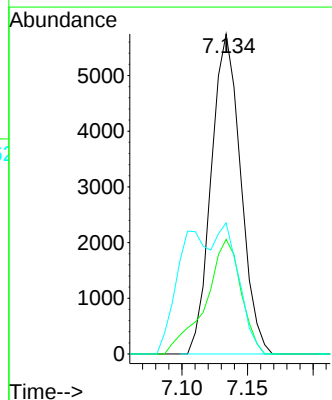
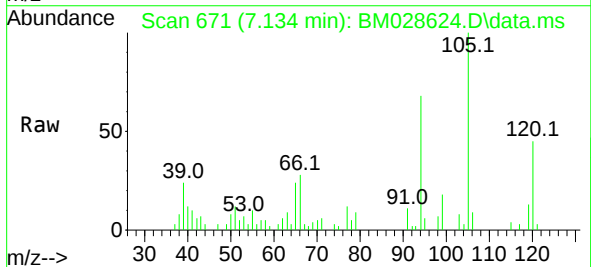
Instrument :
BNA_M
ClientSampleId :
WP-110

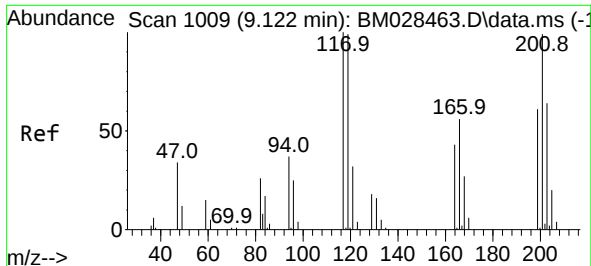
Tgt Ion: 99 Resp: 70274
Ion Ratio Lower Upper
99 100
42 20.2 13.5 20.3
71 34.0 39.4 59.0#



#10
Phenol
Concen: 4.11 ng
RT: 7.134 min Scan# 671
Delta R.T. -0.012 min
Lab File: BM028624.D
Acq: 02 Feb 2021 16:10

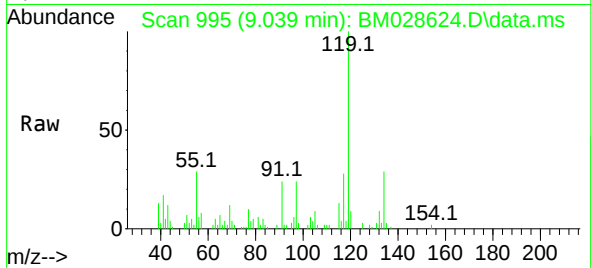
Tgt Ion: 94 Resp: 8947
Ion Ratio Lower Upper
94 100
65 35.8 16.4 56.4
66 41.0 30.2 70.2



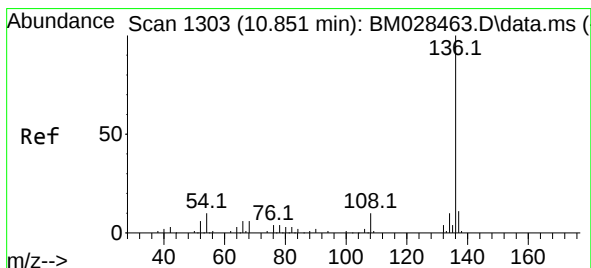
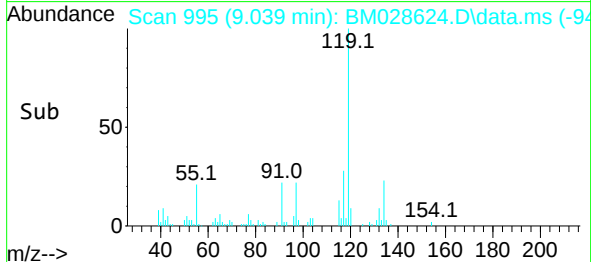
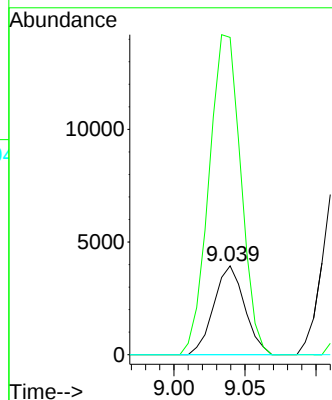


#18
Hexachloroethane
Concen: 7.01 ng
RT: 9.039 min Scan# 995
Delta R.T. 0.023 min
Lab File: BM028624.D
Acq: 02 Feb 2021 16:10

Instrument :
BNA_M
ClientSampled :
WP-110

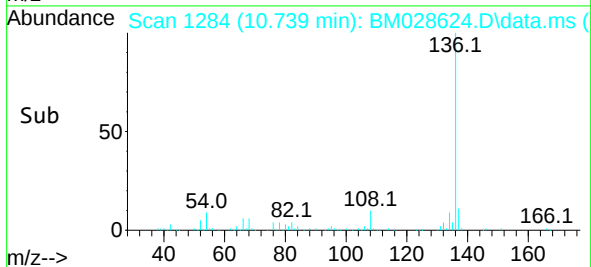
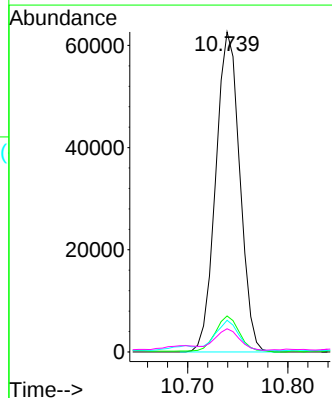
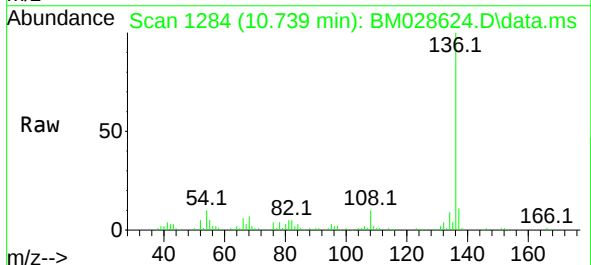


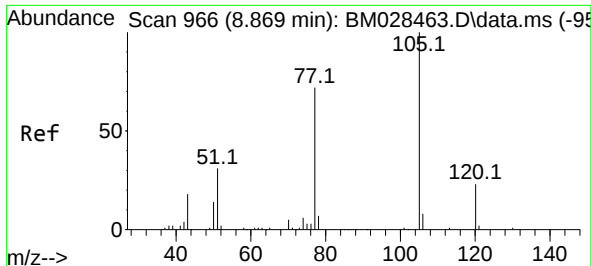
Tgt Ion:117 Resp: 5941
Ion Ratio Lower Upper
117 100
119 357.2 73.1 109.7#
201 0.0 88.7 133.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM028624.D
Acq: 02 Feb 2021 16:10

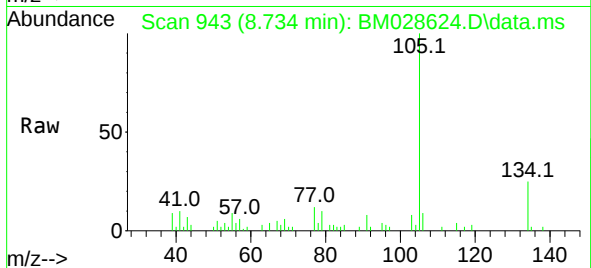
Tgt Ion:136 Resp: 103999
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 9.9 4.6 7.0#
68 7.3 4.1 6.1#



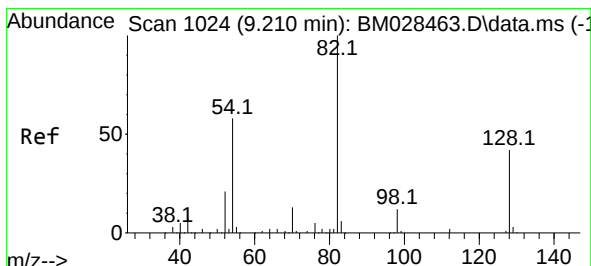
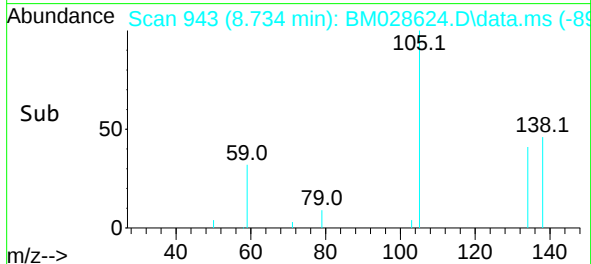
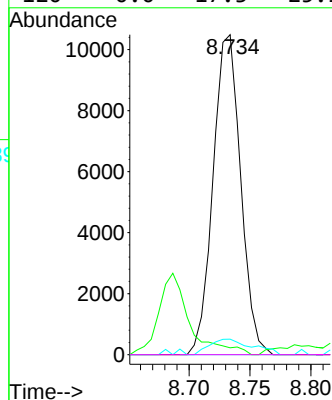


#22
Acetophenone
Concen: 6.13 ng
RT: 8.734 min Scan# 943
Delta R.T. -0.035 min
Lab File: BM028624.D
Acq: 02 Feb 2021 16:10

Instrument :
BNA_M
ClientSampleId :
WP-110

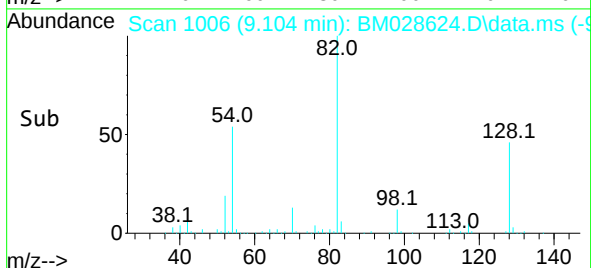
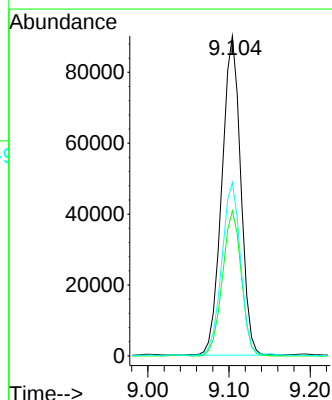
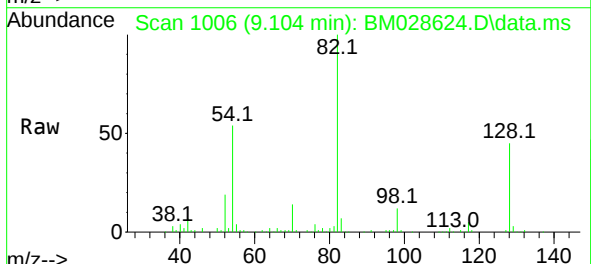


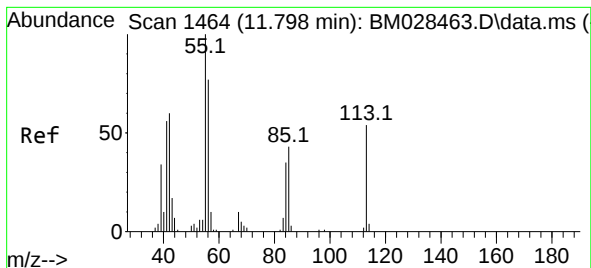
Tgt Ion:	105	Resp:	16524
Ion Ratio	Lower	Upper	
105	100		
71	2.2	7.6	11.4#
51	4.9	18.6	28.0#
120	0.0	17.3	25.9#



#23
Nitrobenzene-d5
Concen: 66.10 ng
RT: 9.104 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BM028624.D
Acq: 02 Feb 2021 16:10

Tgt Ion:	82	Resp:	144947
Ion Ratio	Lower	Upper	
82	100		
128	45.4	27.4	41.0#
54	54.2	31.4	47.0#

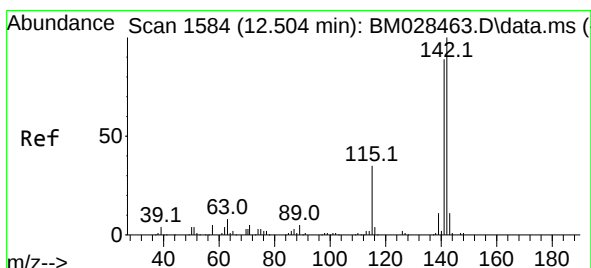
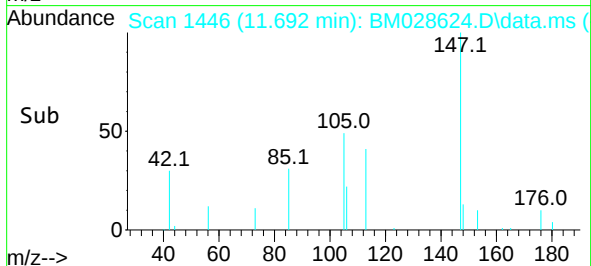
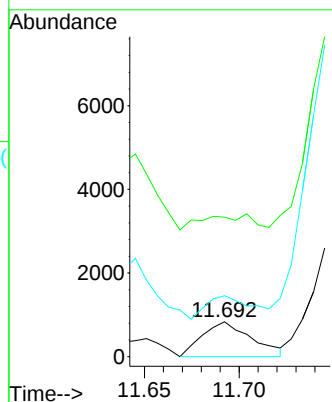
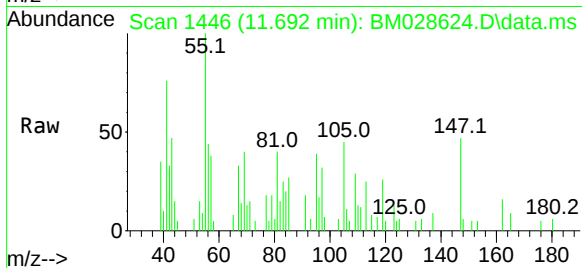




#35
Caprolactam
Concen: 2.81 ng
RT: 11.692 min Scan# 1446
Delta R.T. -0.024 min
Lab File: BM028624.D
Acq: 02 Feb 2021 16:10

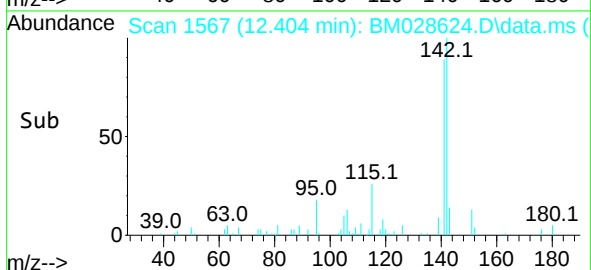
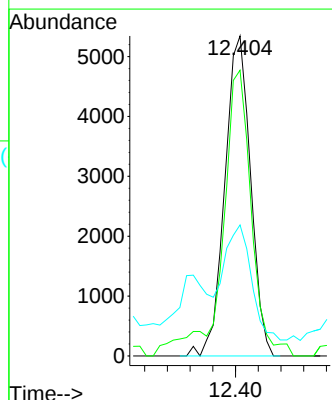
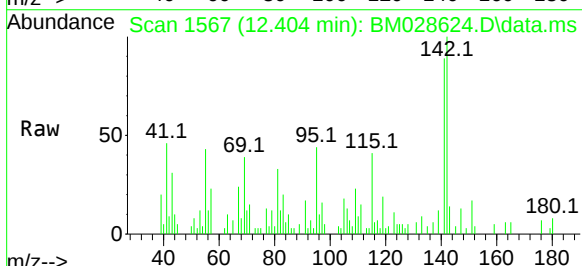
Instrument :
BNA_M
ClientSampled :
WP-110

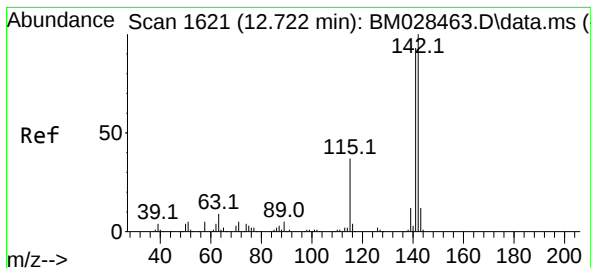
Tgt Ion:113 Resp: 1513
Ion Ratio Lower Upper
113 100
55 399.6 103.2 143.2#
56 174.4 84.2 124.2#



#37
2-Methylnaphthalene
Concen: 2.07 ng
RT: 12.404 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BM028624.D
Acq: 02 Feb 2021 16:10

Tgt Ion:142 Resp: 8398
Ion Ratio Lower Upper
142 100
141 89.3 70.3 105.5
115 40.9 32.2 48.4

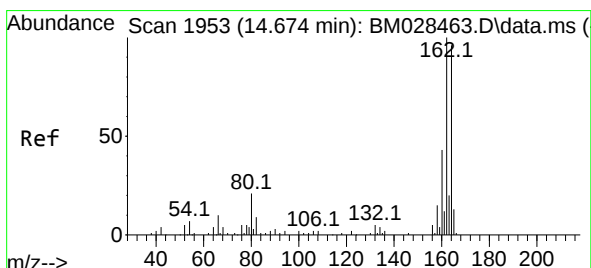
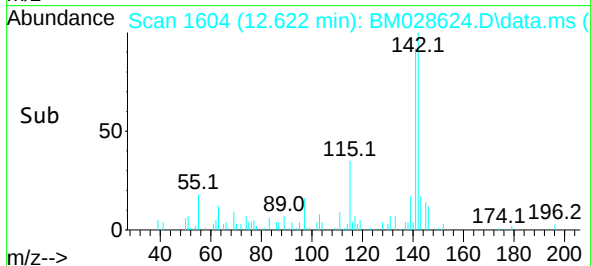
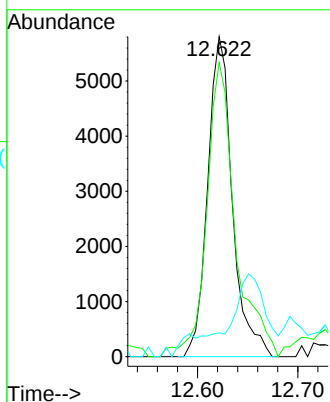
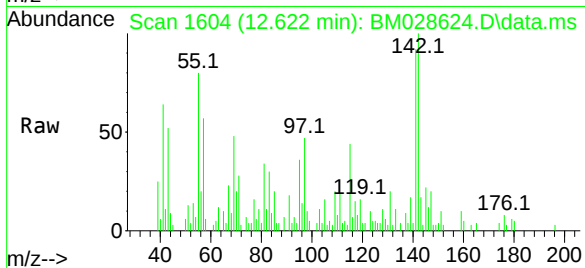




#38
1-Methylnaphthalene
Concen: 2.58 ng
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BM028624.D
Acq: 02 Feb 2021 16:10

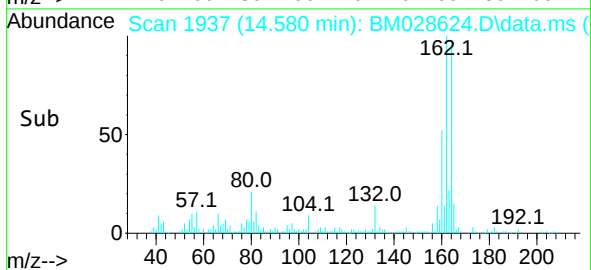
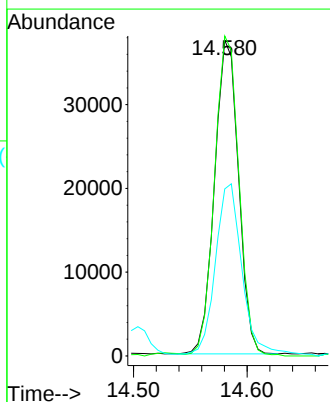
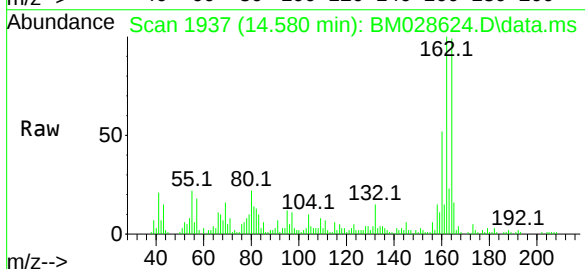
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WP-110

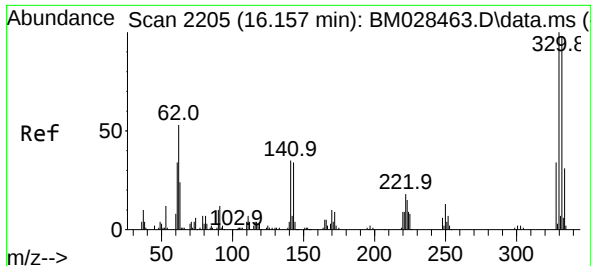
Tgt Ion:142 Resp: 9927
Ion Ratio Lower Upper
142 100
141 91.9 73.8 110.6
116 7.4 3.5 5.3#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.580 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM028624.D
Acq: 02 Feb 2021 16:10

Tgt Ion:164 Resp: 54991
Ion Ratio Lower Upper
164 100
162 101.3 80.4 120.6
160 52.9 35.9 53.9

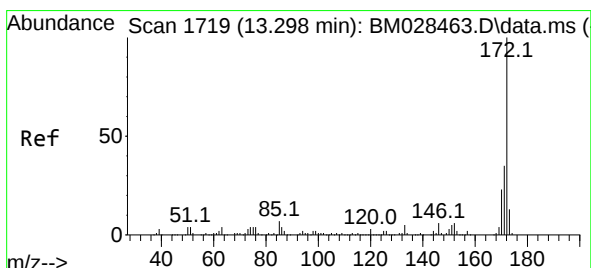
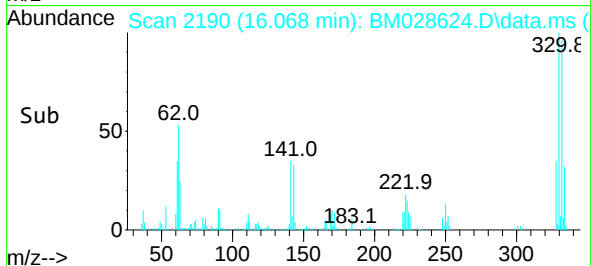
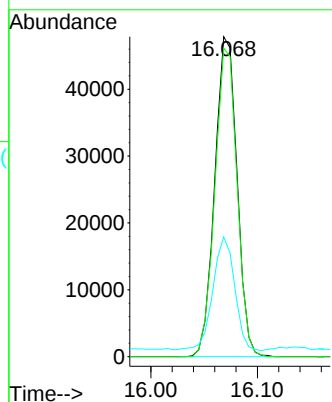
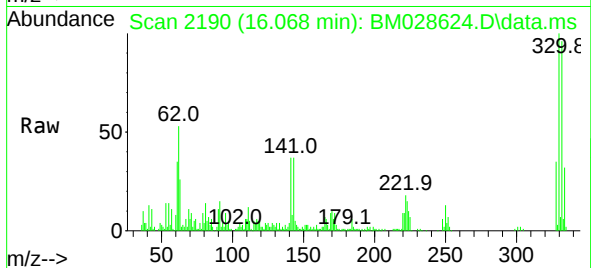




#42
2,4,6-Tribromophenol
Concen: 94.96 ng
RT: 16.068 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM028624.D
Acq: 02 Feb 2021 16:10

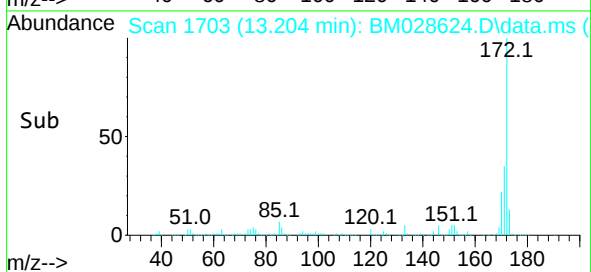
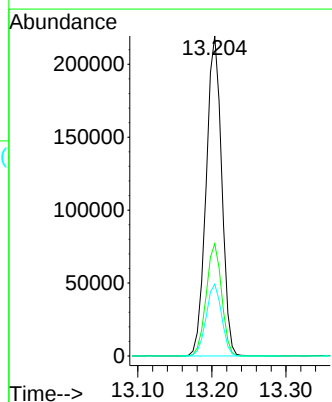
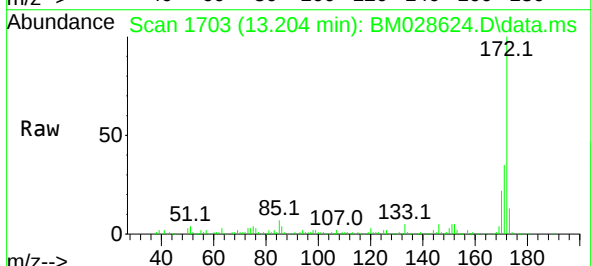
Instrument :
BNA_M
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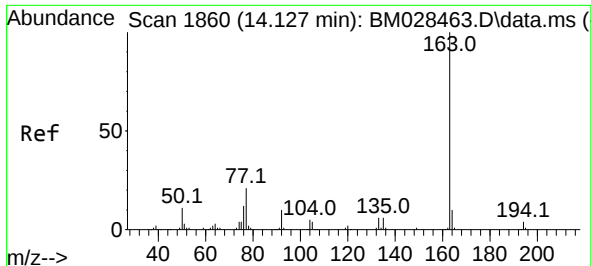
Tgt Ion:330 Resp: 69185
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.8
141 34.9 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 72.81 ng
RT: 13.204 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM028624.D
Acq: 02 Feb 2021 16:10

Tgt Ion:172 Resp: 319122
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 22.4 18.6 27.8

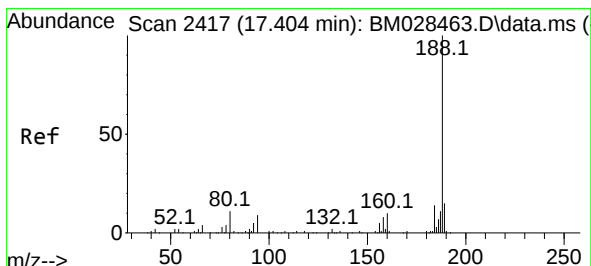
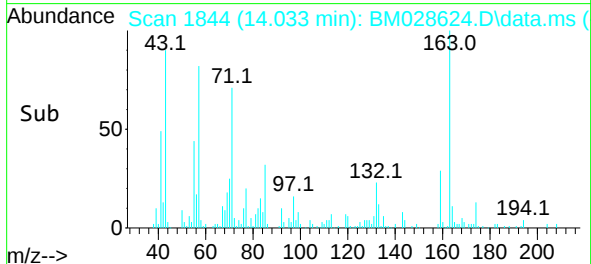
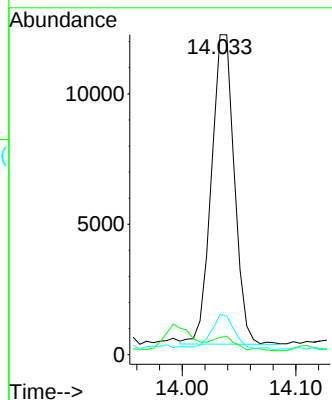
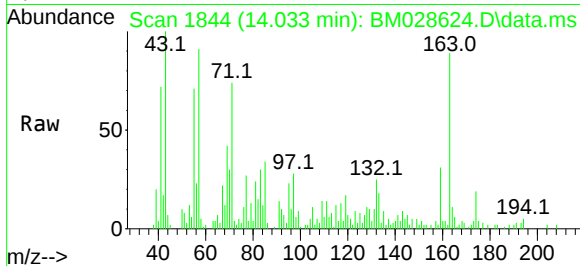




#50
Dimethylphthalate
Concen: 3.68 ng
RT: 14.033 min Scan# 1844
Delta R.T. -0.018 min
Lab File: BM028624.D
Acq: 02 Feb 2021 16:10

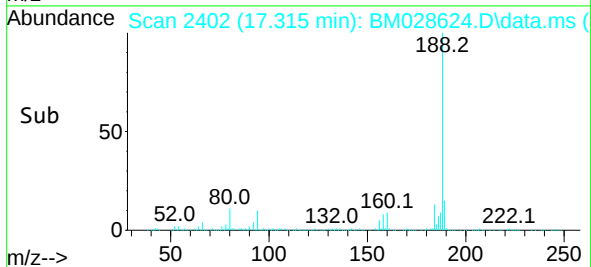
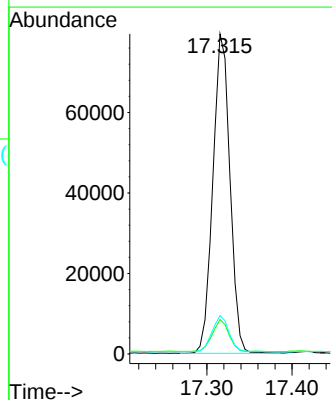
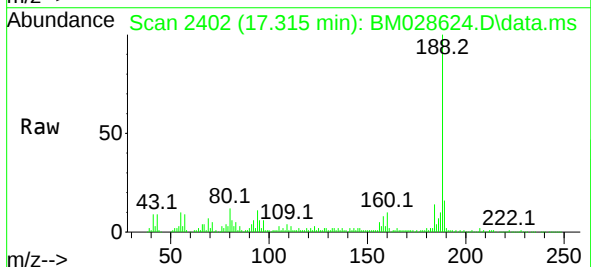
Instrument :
BNA_M
ClientSampleId :
WP-110

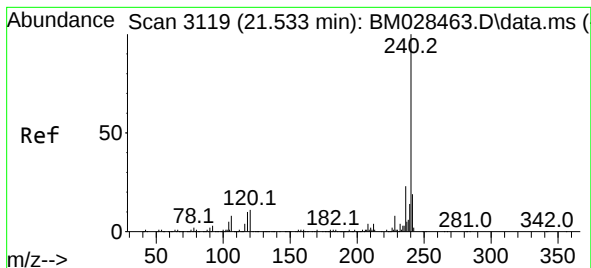
Tgt Ion:163 Resp: 16649
Ion Ratio Lower Upper
163 100
194 5.4 3.4 5.2#
164 12.5 8.1 12.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.315 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM028624.D
Acq: 02 Feb 2021 16:10

Tgt Ion:188 Resp: 110736
Ion Ratio Lower Upper
188 100
94 10.8 6.2 9.4#
80 12.0 7.5 11.3#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.462 min Scan# 3107

Delta R.T. -0.006 min

Lab File: BM028624.D

Acq: 02 Feb 2021 16:10

Tgt Ion:240 Resp: 107476

Ion Ratio Lower Upper

240 100

120 12.0 6.4 9.6#

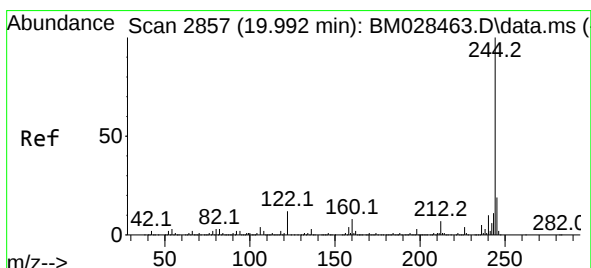
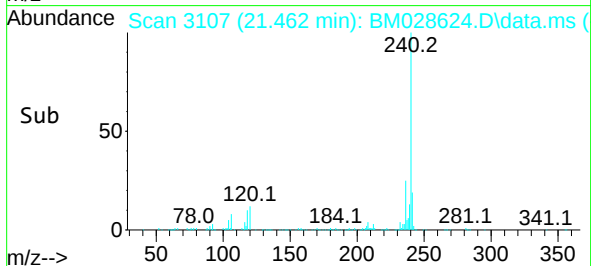
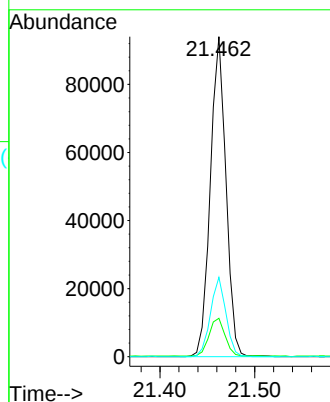
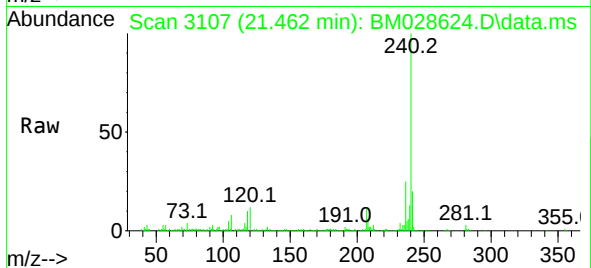
236 24.8 20.1 30.1

Instrument :

BNA_M

ClientSampleId :

WP-110



#79

Terphenyl-d14

Concen: 52.16 ng

RT: 19.921 min Scan# 2845

Delta R.T. -0.000 min

Lab File: BM028624.D

Acq: 02 Feb 2021 16:10

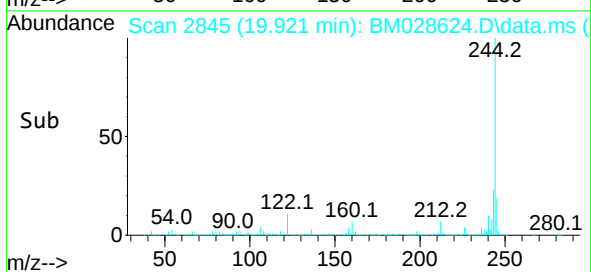
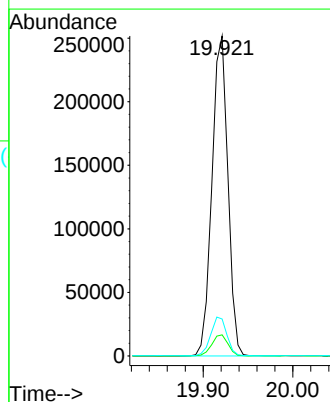
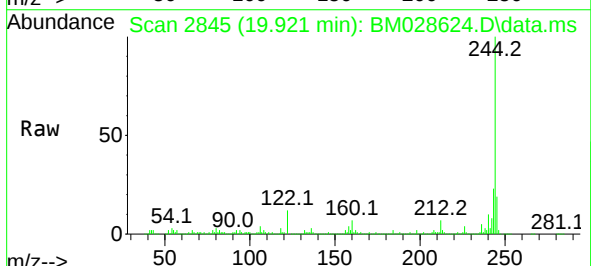
Tgt Ion:244 Resp: 310458

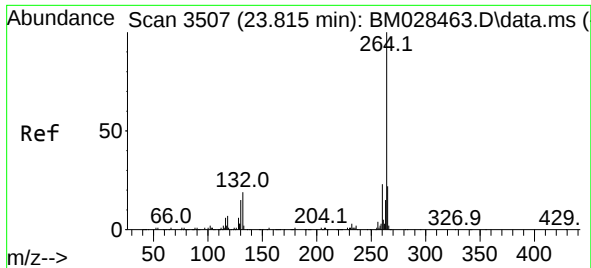
Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

122 11.6 6.5 9.7#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.715 min Scan# 3490
 Delta R.T. -0.012 min
 Lab File: BM028624.D
 Acq: 02 Feb 2021 16:10

Instrument :
 BNA_M
 ClientSampleId :
 WP-110

Tgt Ion:264	Resp:	57904
Ion Ratio	Lower	Upper
264	100	
260	24.4	19.0 28.4
265	22.7	17.7 26.5

