

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
 Data File : BM039224.D
 Acq On : 30 Mar 2023 13:20
 Operator : CG/JU
 Sample : 01950-06DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-ACIDS-WPDL

Quant Time: Mar 30 13:52:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 30 05:15:45 2023
 Response via : Initial Calibration

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

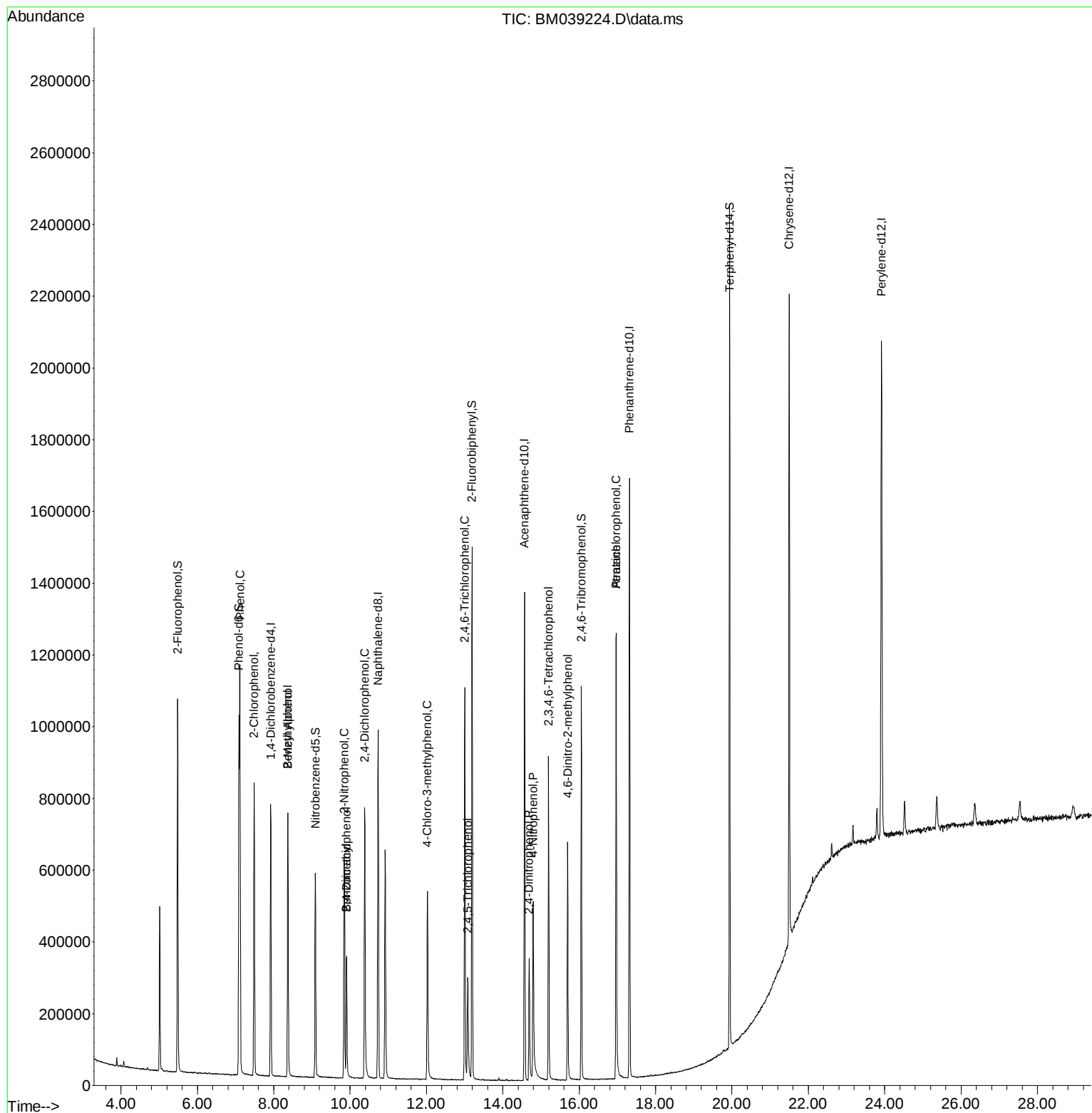
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	197777	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	789499	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	447266	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	940129	20.000	ng	0.00
76) Chrysene-d12	21.498	240	851005	20.000	ng	0.00
86) Perylene-d12	23.915	264	1025680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	452280	34.453	ng	0.00
7) Phenol-d6	7.087	99	567335	33.414	ng	-0.01
23) Nitrobenzene-d5	9.092	82	335430	20.649	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	174802	30.788	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	719736	21.803	ng	0.00
79) Terphenyl-d14	19.939	244	1071524	23.263	ng	0.00
Target Compounds						
						Qvalue
8) 2-Chlorophenol	7.487	128	361137	26.878	ng	99
10) Phenol	7.116	94	634422	37.285	ng	99
15) Benzyl Alcohol	8.369	79	98465	8.431	ng	# 1
17) 2-Methylphenol	8.369	107	222076	18.654	ng	98
26) 2-Nitrophenol	9.845	139	195353	26.156	ng	99
27) 2,4-Dimethylphenol	9.910	122	104250	8.401	ng	99
29) 2,4-Dichlorophenol	10.381	162	283469	23.412	ng	98
32) Benzoic acid	9.910	122	104250	10.778	ng	# 15
36) 4-Chloro-3-methylphenol	12.022	107	201058	15.051	ng	99
43) 2,4,6-Trichlorophenol	13.004	196	239391	25.777	ng	99
44) 2,4,5-Trichlorophenol	13.080	196	92988	8.541	ng	97
54) 2,4-Dinitrophenol	14.686	184	71764	16.348	ng	94
56) 4-Nitrophenol	14.792	139	176536	26.716	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.198	232	169013	19.514	ng	98
65) 4,6-Dinitro-2-methylph...	15.698	198	127020	20.537	ng	98
69) Atrazine	16.968	200	42381	4.517	ng	# 35
70) Pentachlorophenol	16.968	266	224539	28.749	ng	99

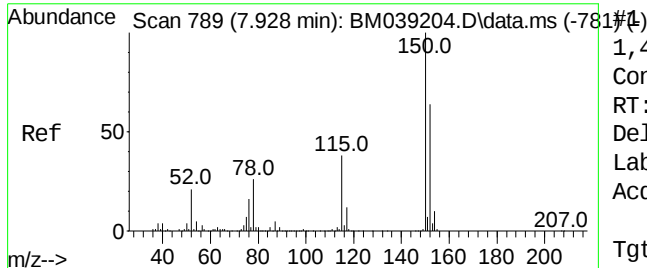
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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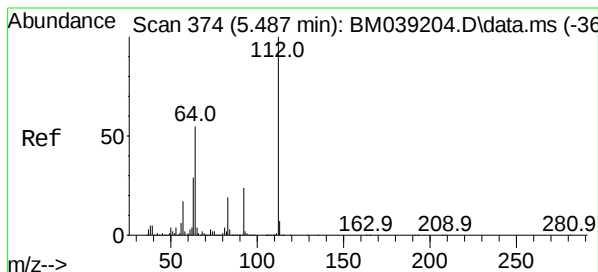
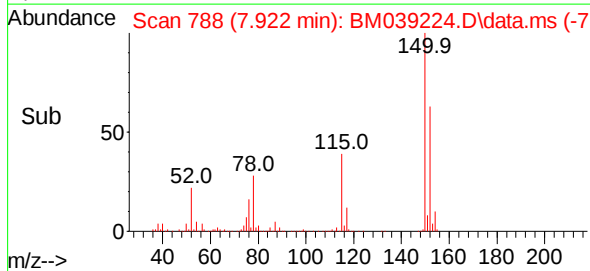
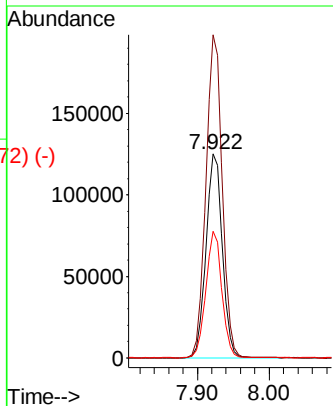
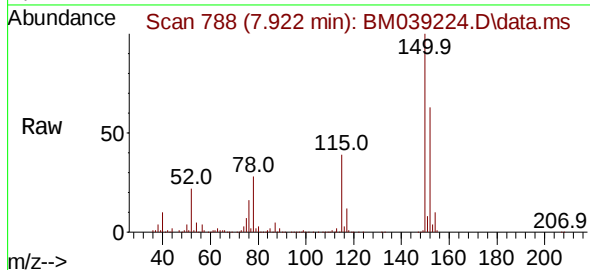




1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan#
Delta R.T. -0.006 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

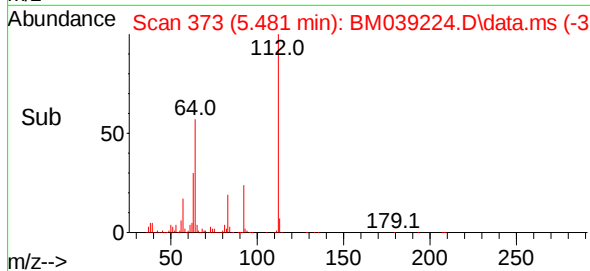
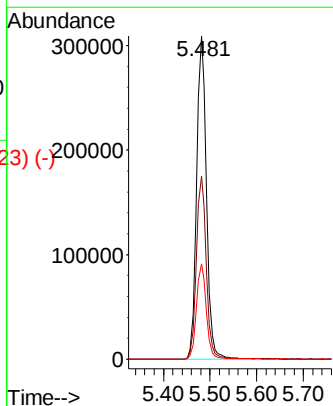
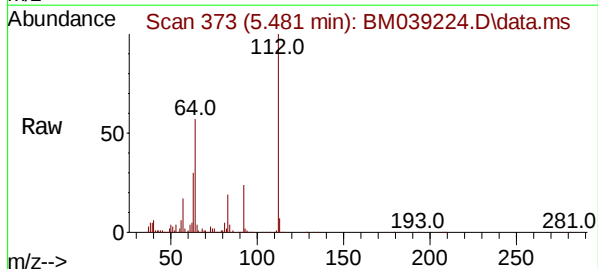
Instrument :
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ClientSampleId :
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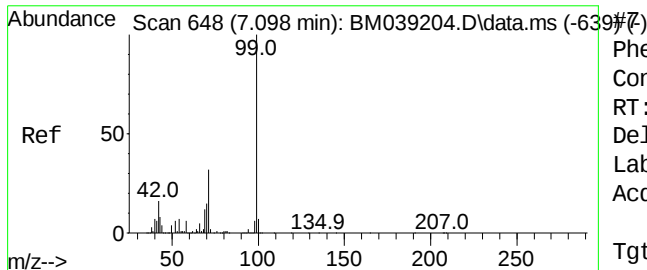
Tgt Ion:152 Resp: 197777
Ion Ratio Lower Upper
152 100
150 158.4 125.5 188.3
115 61.9 48.1 72.1



2-Fluorophenol
Concen: 34.453 ng
RT: 5.481 min Scan# 373
Delta R.T. -0.006 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

Tgt Ion:112 Resp: 452280
Ion Ratio Lower Upper
112 100
64 56.6 44.3 66.5
63 29.5 23.0 34.6





Phenol-d6

Concen: 33.414 ng

RT: 7.087 min Scan#

Delta R.T. -0.012 min

Lab File: BM039224.D

Acq: 30 Mar 2023 13:20

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WPDL

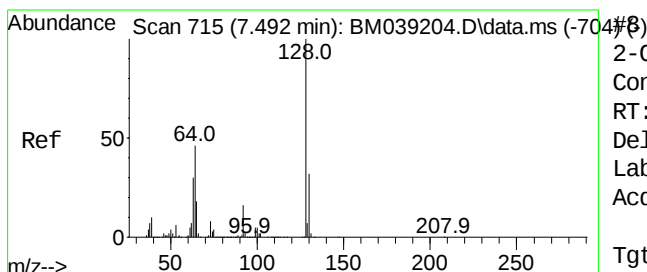
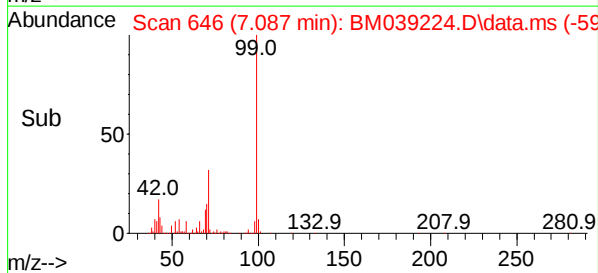
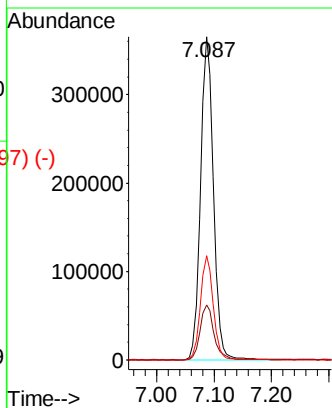
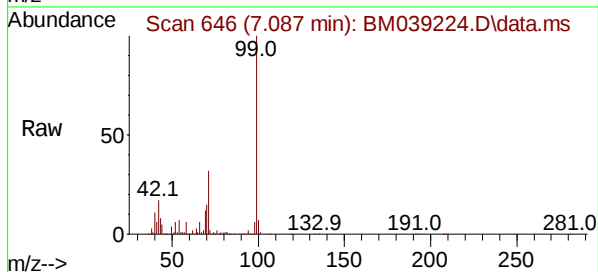
Tgt Ion: 99 Resp: 567335

Ion Ratio Lower Upper

99 100

42 17.0 13.0 19.6

71 32.4 25.5 38.3



2-Chlorophenol

Concen: 26.878 ng

RT: 7.487 min Scan# 714

Delta R.T. -0.006 min

Lab File: BM039224.D

Acq: 30 Mar 2023 13:20

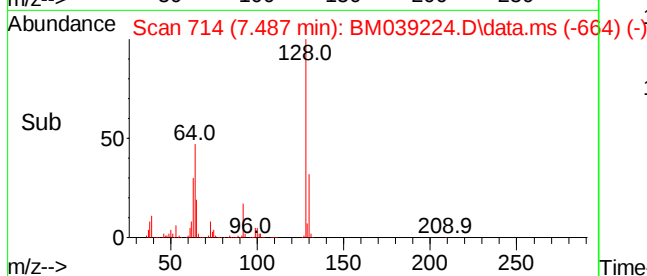
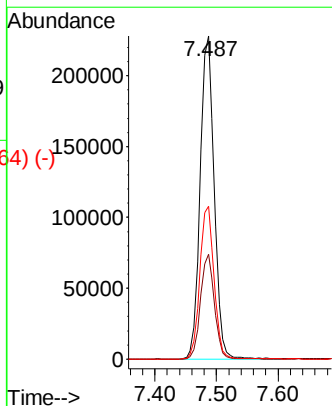
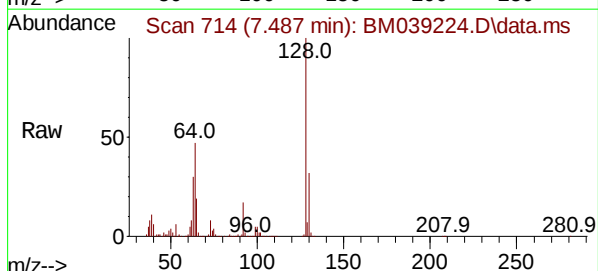
Tgt Ion: 128 Resp: 361137

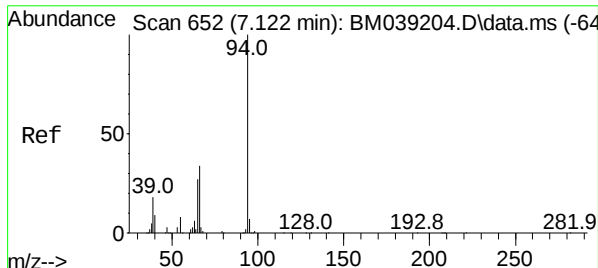
Ion Ratio Lower Upper

128 100

130 32.4 12.2 52.2

64 47.3 25.9 65.9

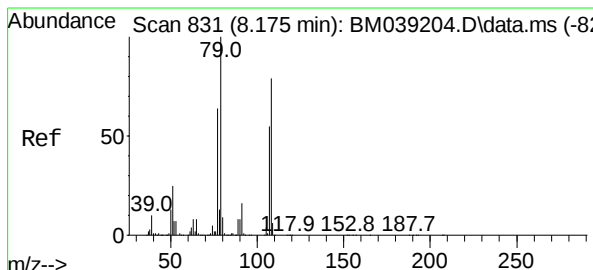
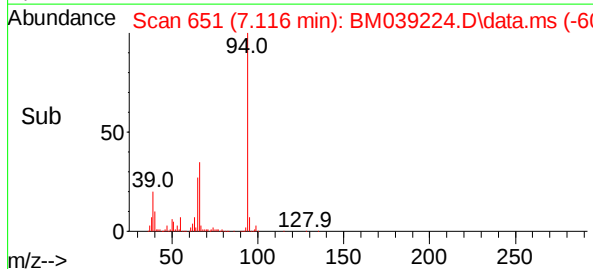
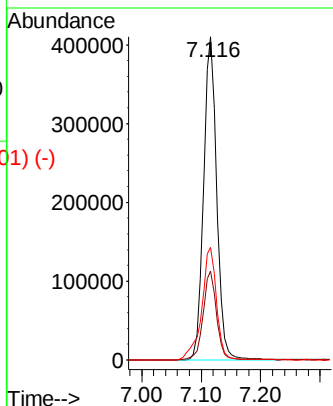
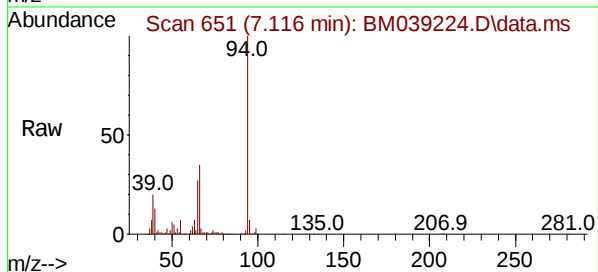




#10
Phenol
Concen: 37.285 ng
RT: 7.116 min Scan# 652
Delta R.T. -0.006 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

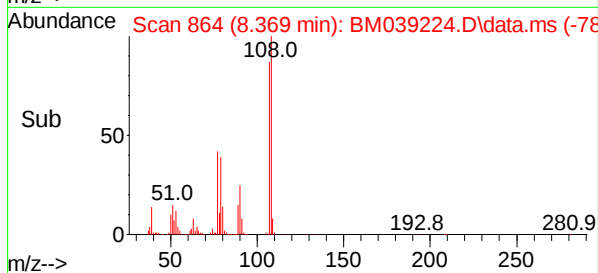
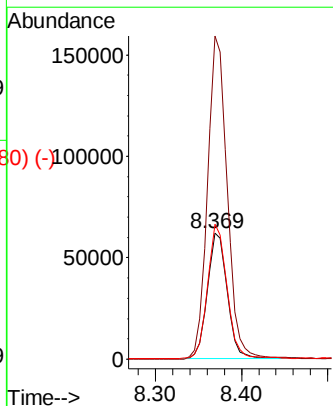
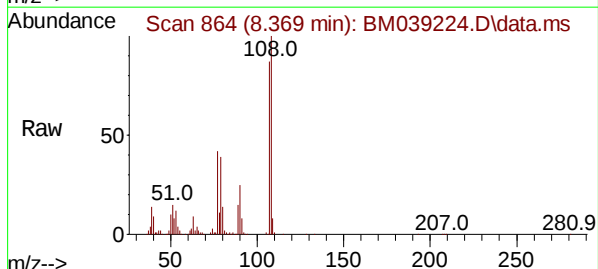
Instrument :
BNA_M
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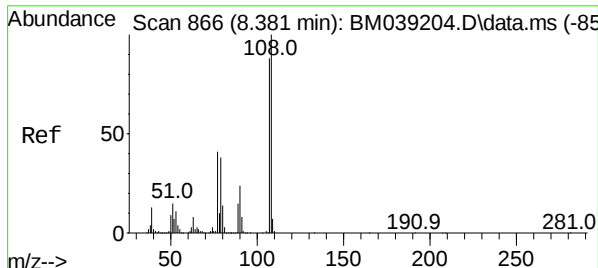
Tgt Ion: 94 Resp: 634422
Ion Ratio Lower Upper
94 100
65 27.5 7.2 47.2
66 34.9 15.2 55.2



#15
Benzyl Alcohol
Concen: 8.431 ng
RT: 8.369 min Scan# 864
Delta R.T. 0.194 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

Tgt Ion: 79 Resp: 98465
Ion Ratio Lower Upper
79 100
108 255.9 63.4 95.0#
77 106.9 51.5 77.3#

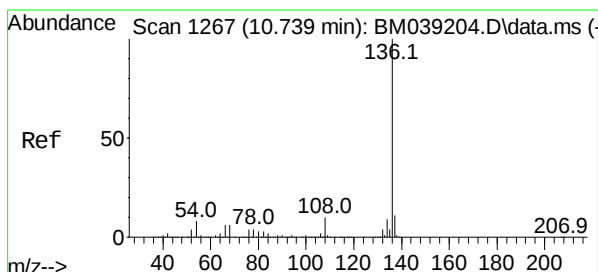
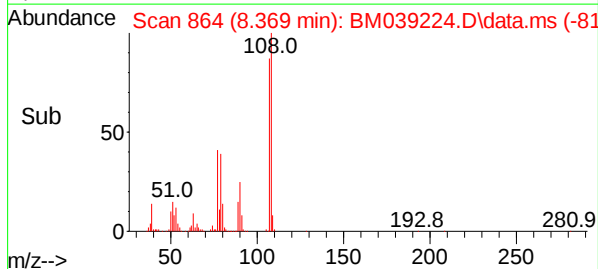
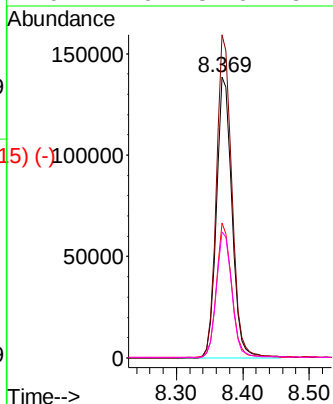
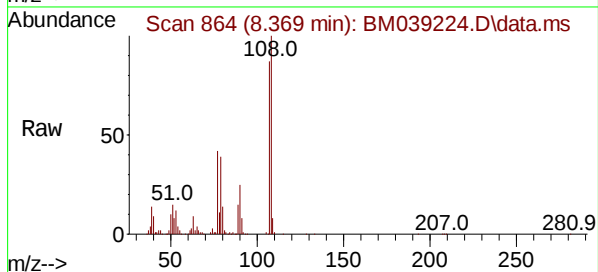




2-Methylphenol
Concen: 18.654 ng
RT: 8.369 min Scan# 866
Delta R.T. -0.012 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

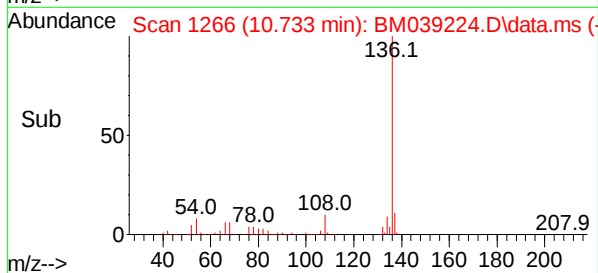
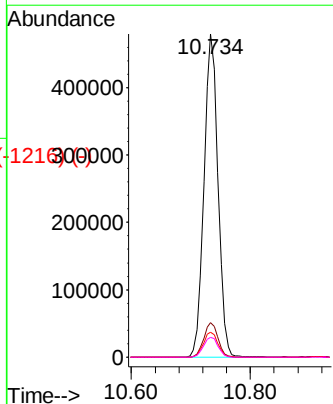
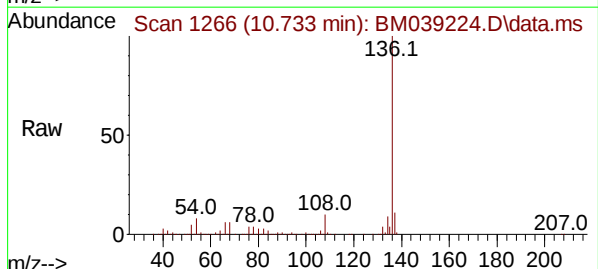
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

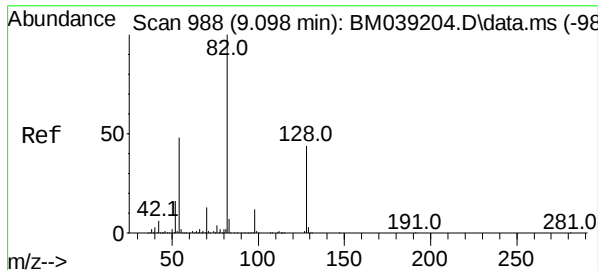
Tgt Ion:	107	Resp:	222076
Ion	Ratio	Lower	Upper
107	100		
108	114.9	90.6	136.0
77	48.0	37.0	55.4
79	44.9	34.6	51.8



Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

Tgt Ion:	136	Resp:	789499
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.7	6.2	9.4
68	6.1	4.9	7.3

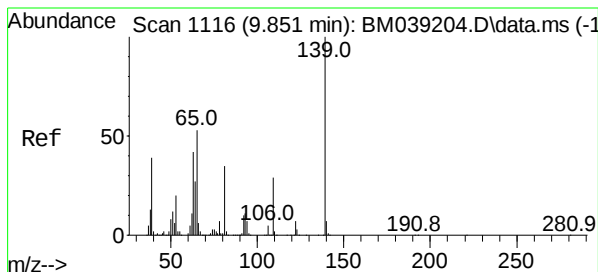
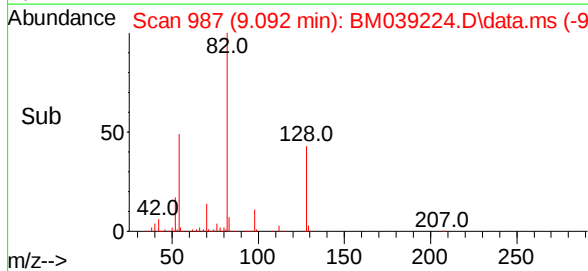
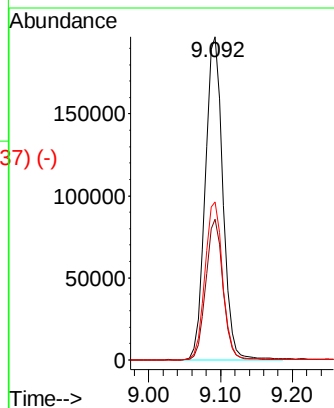
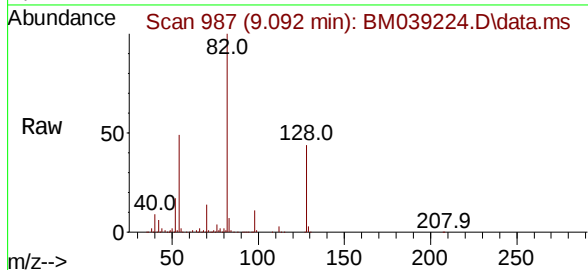




Nitrobenzene-d5
Concen: 20.649 ng
RT: 9.092 min Scan# 988
Delta R.T. -0.006 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

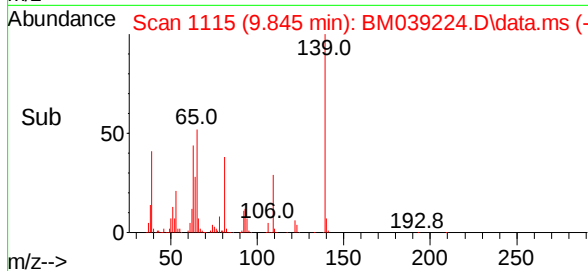
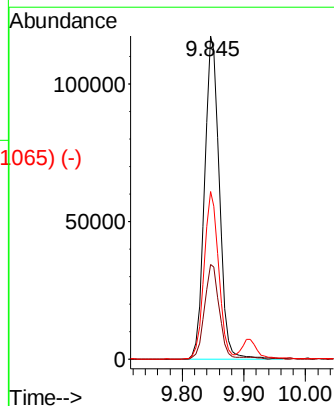
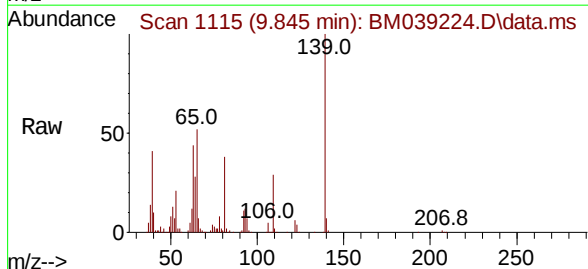
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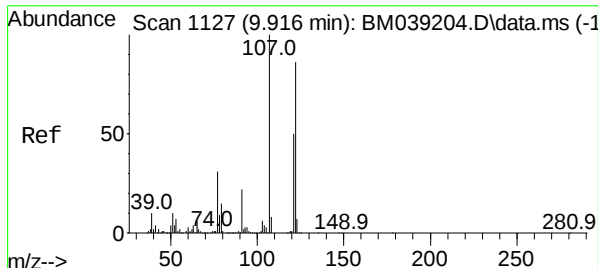
Tgt Ion:	82	Resp:	335430
Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.1	52.7
54	48.9	38.5	57.7



2-Nitrophenol
Concen: 26.156 ng
RT: 9.845 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

Tgt Ion:	139	Resp:	195353
Ion	Ratio	Lower	Upper
139	100		
109	29.3	23.4	35.0
65	51.8	42.2	63.2

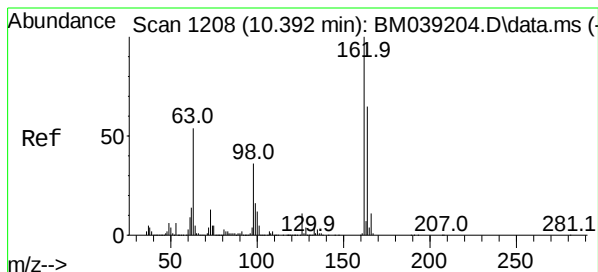
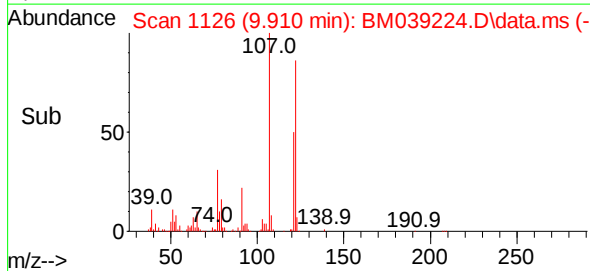
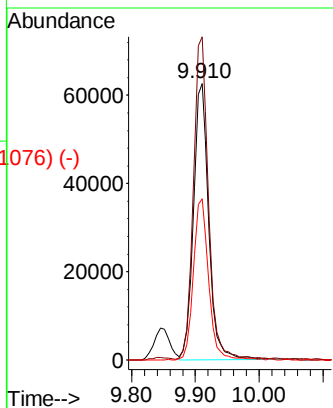
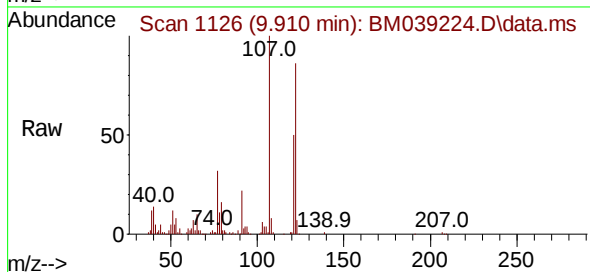




2,4-Dimethylphenol
Concen: 8.401 ng
RT: 9.910 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

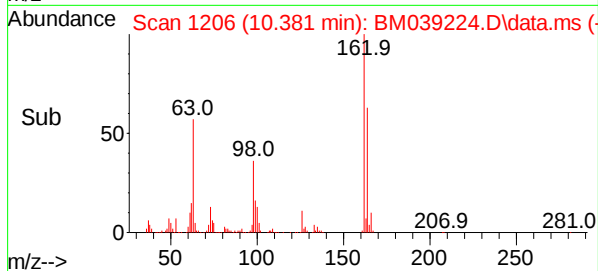
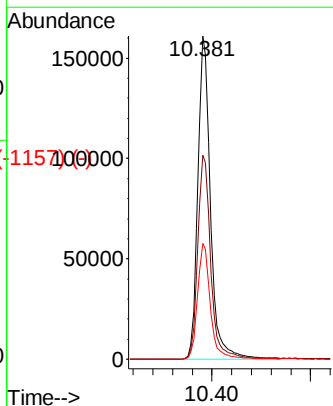
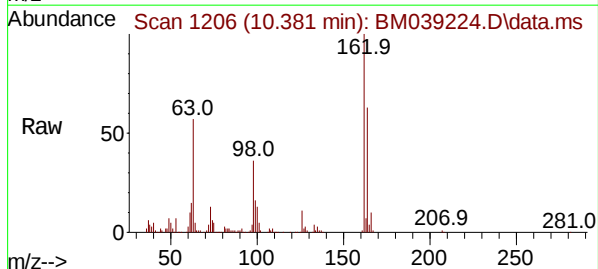
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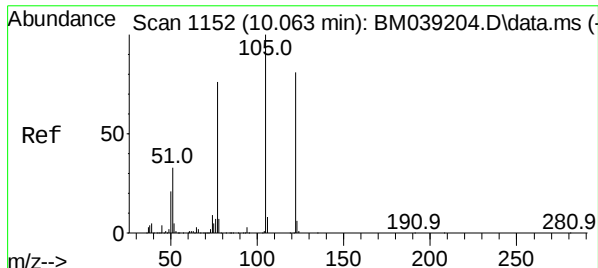
Tgt Ion:	122	Resp:	104250
Ion	Ratio	Lower	Upper
122	100		
107	116.8	92.3	138.5
121	58.2	46.3	69.5



2,4-Dichlorophenol
Concen: 23.412 ng
RT: 10.381 min Scan# 1206
Delta R.T. -0.012 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

Tgt Ion:	162	Resp:	283469
Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.8	84.8
98	35.7	16.0	56.0

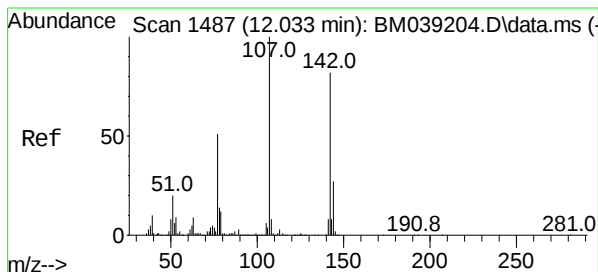
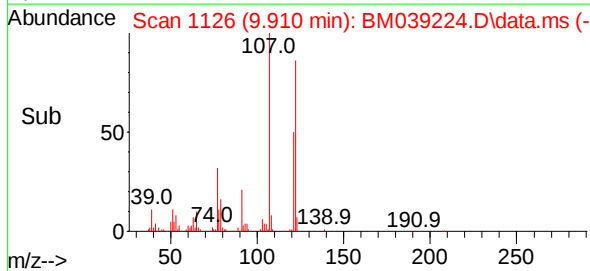
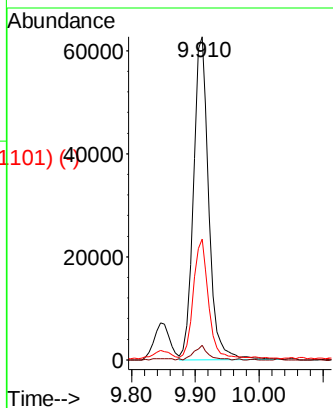
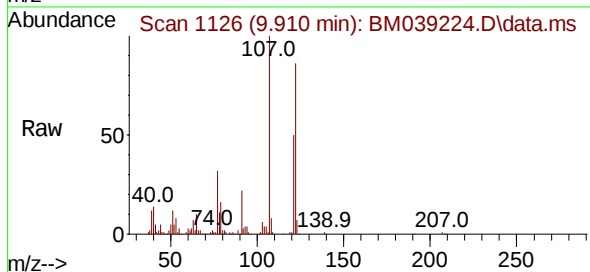




Benzoic acid
 Concen: 10.778 ng
 RT: 9.910 min Scan# 1126
 Delta R.T. -0.153 min
 Lab File: BM039224.D
 Acq: 30 Mar 2023 13:20

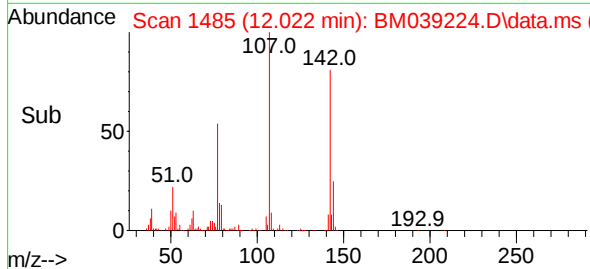
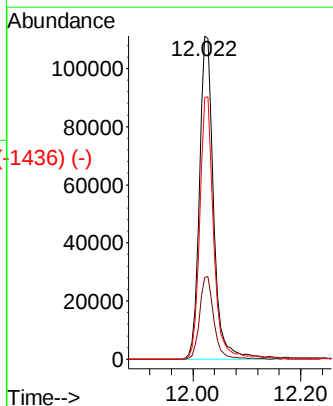
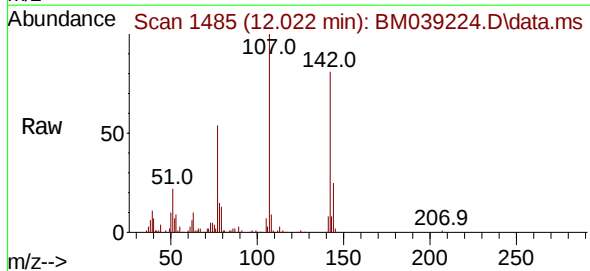
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Tgt Ion:	122	Resp:	104250
Ion	Ratio	Lower	Upper
122	100		
105	4.4	103.1	143.1#
77	37.3	74.6	114.6#



4-Chloro-3-methylphenol
 Concen: 15.051 ng
 RT: 12.022 min Scan# 1485
 Delta R.T. -0.012 min
 Lab File: BM039224.D
 Acq: 30 Mar 2023 13:20

Tgt Ion:	107	Resp:	201058
Ion	Ratio	Lower	Upper
107	100		
144	25.3	21.4	32.2
142	80.9	65.2	97.8



Abundance Scan 1919 (14.574 min): BM039204.D\data.ms (-1639) (-)

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1918

Delta R.T. -0.005 min

Lab File: BM039224.D

Acq: 30 Mar 2023 13:20

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WPDL

Tgt Ion:164 Resp: 447266

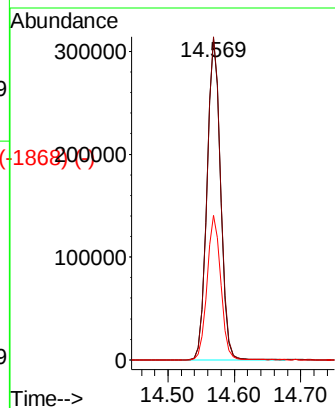
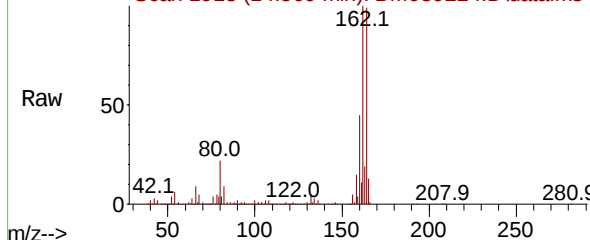
Ion Ratio Lower Upper

164 100

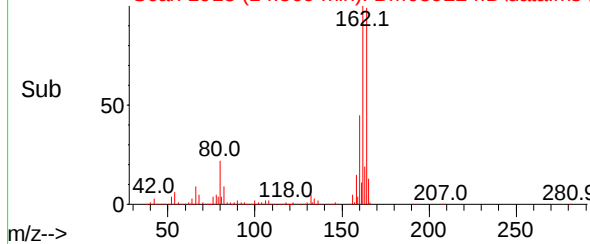
162 100.6 79.1 118.7

160 44.9 35.8 53.8

Abundance Scan 1918 (14.569 min): BM039224.D\data.ms



Abundance Scan 1918 (14.569 min): BM039224.D\data.ms (-1668) (-)



Abundance Scan 2172 (16.063 min): BM039204.D\data.ms (-2142) (-)

2,4,6-Tribromophenol

Concen: 30.788 ng

RT: 16.057 min Scan# 2171

Delta R.T. -0.006 min

Lab File: BM039224.D

Acq: 30 Mar 2023 13:20

Tgt Ion:330 Resp: 174802

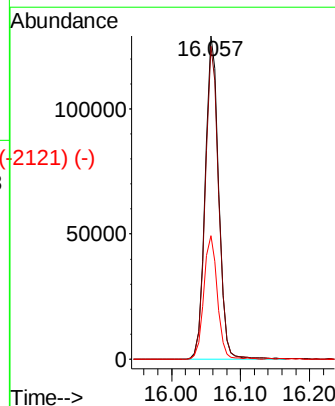
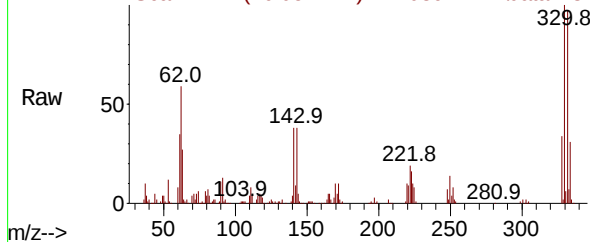
Ion Ratio Lower Upper

330 100

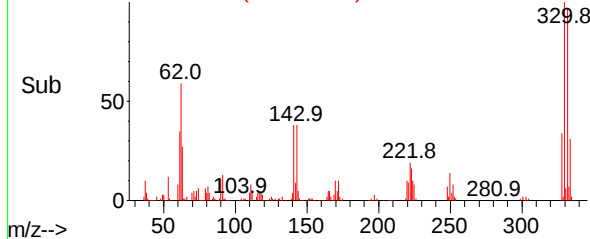
332 96.8 77.4 116.0

141 38.3 29.8 44.6

Abundance Scan 2171 (16.057 min): BM039224.D\data.ms



Abundance Scan 2171 (16.057 min): BM039224.D\data.ms (-2121) (-)



Abundance Scan 1653 (13.010 min): BM039204.D\data.ms (-1649) (-)

2,4,6-Trichlorophenol

Concen: 25.777 ng

RT: 13.004 min Scan# 1649

Delta R.T. -0.006 min

Lab File: BM039224.D

Acq: 30 Mar 2023 13:20

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WPDL

Tgt Ion:196 Resp: 239391

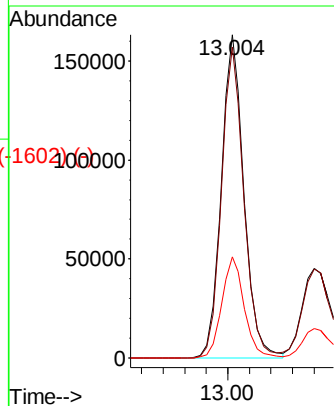
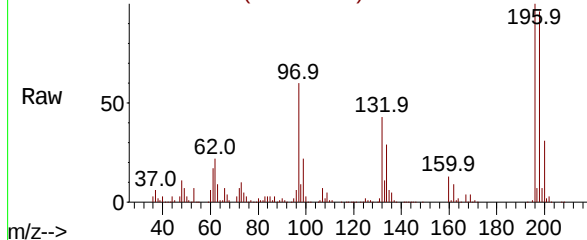
Ion Ratio Lower Upper

196 100

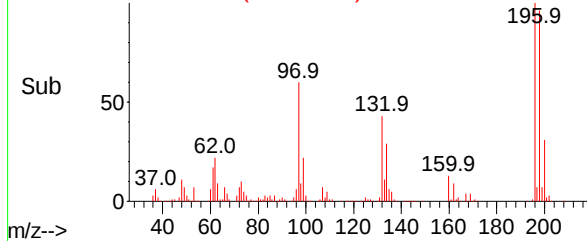
198 96.2 76.2 114.2

200 31.2 24.2 36.2

Abundance Scan 1652 (13.004 min): BM039224.D\data.ms



Abundance Scan 1652 (13.004 min): BM039224.D\data.ms (-1602) (-)



Abundance Scan 1665 (13.080 min): BM039204.D\data.ms (-1659) (-)

2,4,5-Trichlorophenol

Concen: 8.541 ng

RT: 13.080 min Scan# 1665

Delta R.T. 0.000 min

Lab File: BM039224.D

Acq: 30 Mar 2023 13:20

Tgt Ion:196 Resp: 92988

Ion Ratio Lower Upper

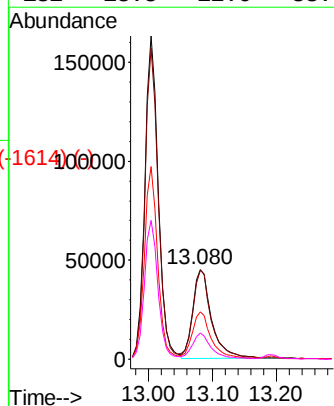
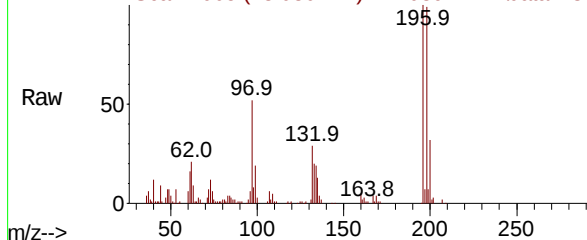
196 100

198 98.7 75.2 112.8

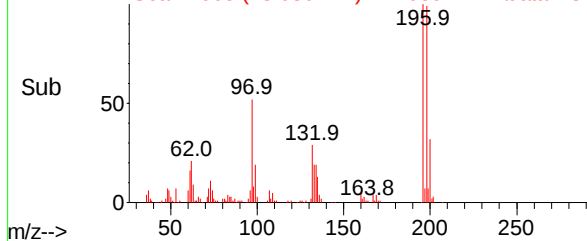
97 52.5 41.4 62.0

132 28.8 22.6 33.8

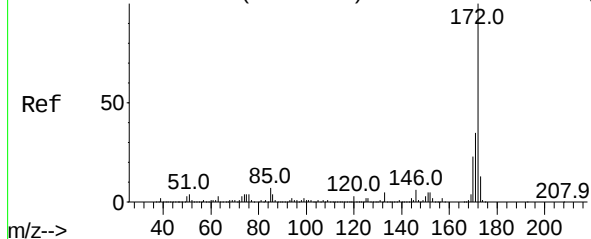
Abundance Scan 1665 (13.080 min): BM039224.D\data.ms



Abundance Scan 1665 (13.080 min): BM039224.D\data.ms (-1614) (-)



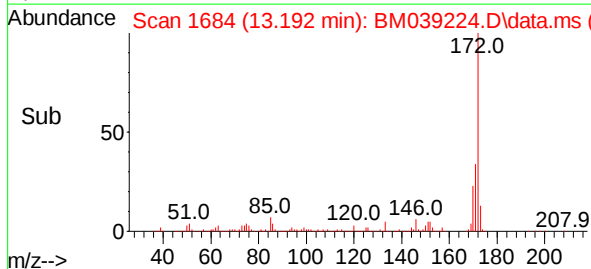
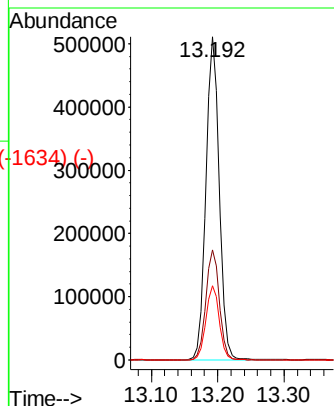
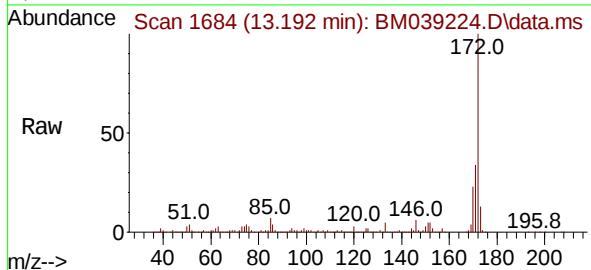
Abundance Scan 1685 (13.198 min): BM039204.D\data.ms (-1645) (-)



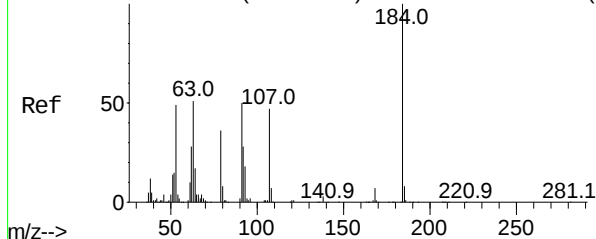
2-Fluorobiphenyl
Concen: 21.803 ng
RT: 13.192 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:	172	Resp:	719736
Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.0	42.0
170	23.1	18.7	28.1

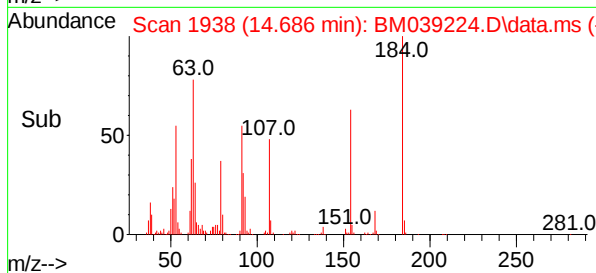
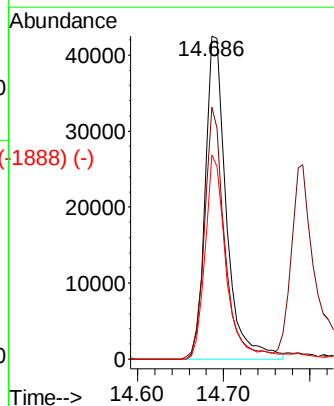
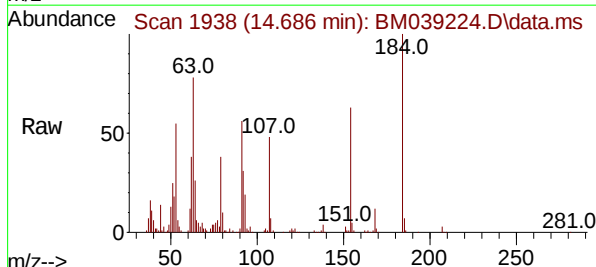


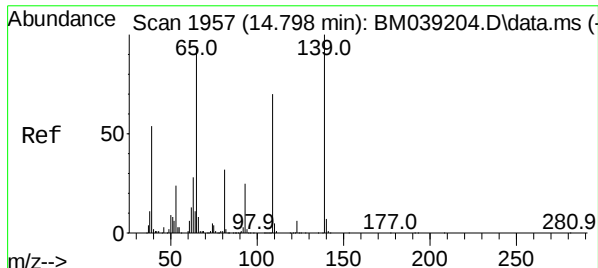
Abundance Scan 1939 (14.692 min): BM039204.D\data.ms (-1954) (-)



2,4-Dinitrophenol
Concen: 16.348 ng
RT: 14.686 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

Tgt Ion:	184	Resp:	71764
Ion	Ratio	Lower	Upper
184	100		
63	78.0	56.4	84.6
154	63.2	48.7	73.1

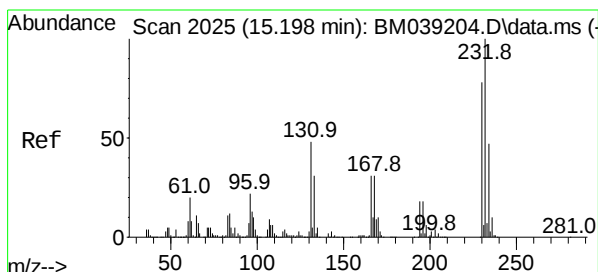
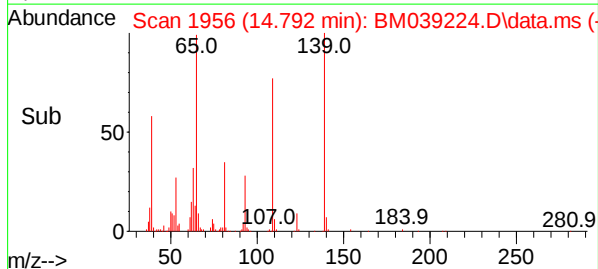
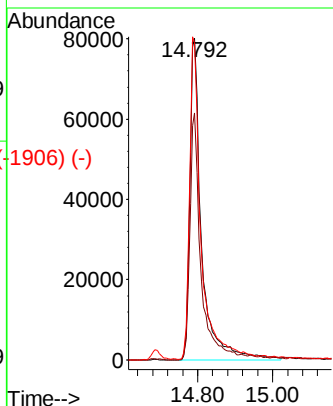
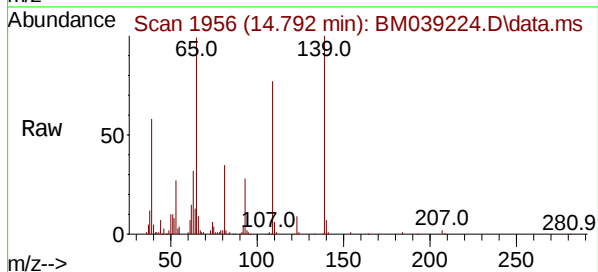




4-Nitrophenol
 Concen: 26.716 ng
 RT: 14.792 min Scan# 1955
 Delta R.T. -0.006 min
 Lab File: BM039224.D
 Acq: 30 Mar 2023 13:20

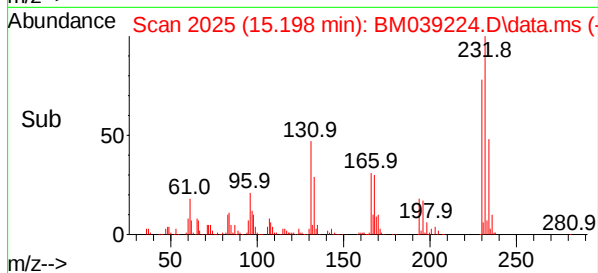
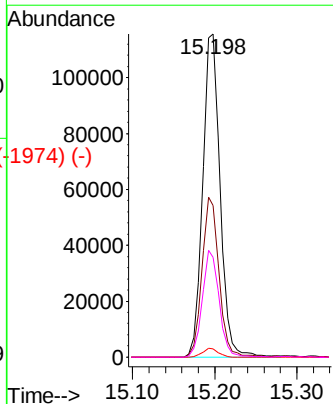
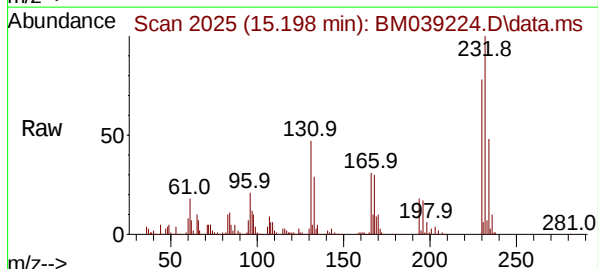
Instrument :
 BNA_M
 ClientSampleId :
 PT-ACIDS-WPDL

Tgt Ion:	139	Resp:	176536
Ion	Ratio	Lower	Upper
139	100		
109	76.8	49.6	89.6
65	98.7	72.9	112.9

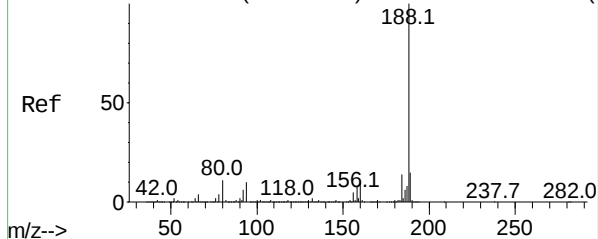


2,3,4,6-Tetrachlorophenol
 Concen: 19.514 ng
 RT: 15.198 min Scan# 2025
 Delta R.T. 0.000 min
 Lab File: BM039224.D
 Acq: 30 Mar 2023 13:20

Tgt Ion:	232	Resp:	169013
Ion	Ratio	Lower	Upper
232	100		
131	48.3	37.7	56.5
130	2.4	1.9	2.9
166	32.0	24.9	37.3



Abundance Scan 2386 (17.321 min): BM039204.D\data.ms (-2386) (-)



Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 2385

Delta R.T. -0.006 min

Lab File: BM039224.D

Acq: 30 Mar 2023 13:20

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WPDL

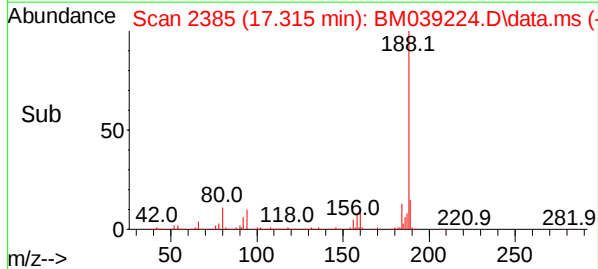
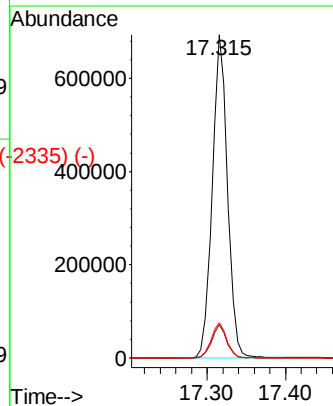
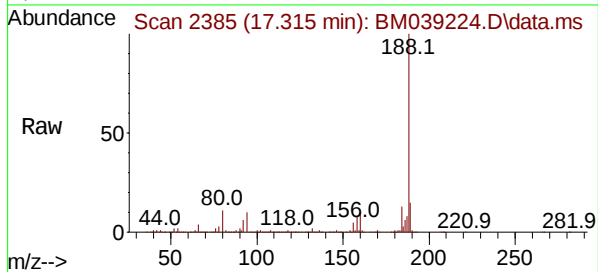
Tgt Ion:188 Resp: 940129

Ion Ratio Lower Upper

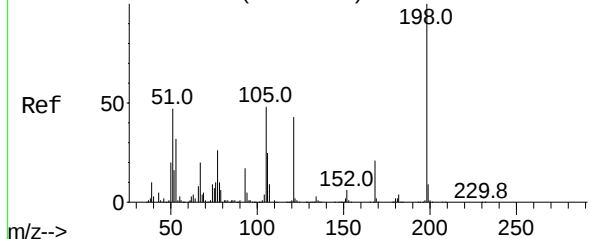
188 100

94 10.2 8.2 12.4

80 10.8 8.9 13.3



Abundance Scan 2111 (15.704 min): BM039204.D\data.ms (-2111) (-)



4,6-Dinitro-2-methylphenol

Concen: 20.537 ng

RT: 15.698 min Scan# 2110

Delta R.T. -0.006 min

Lab File: BM039224.D

Acq: 30 Mar 2023 13:20

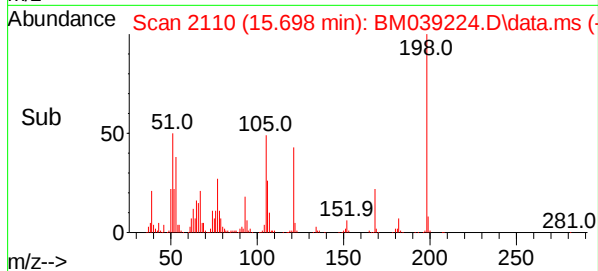
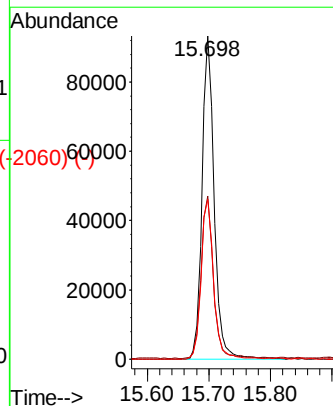
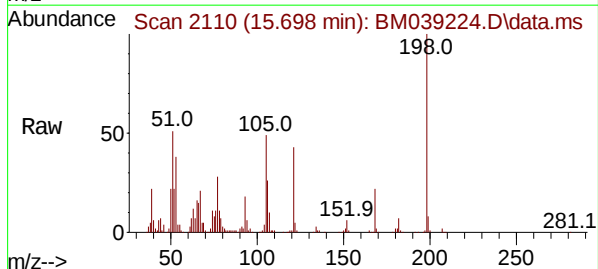
Tgt Ion:198 Resp: 127020

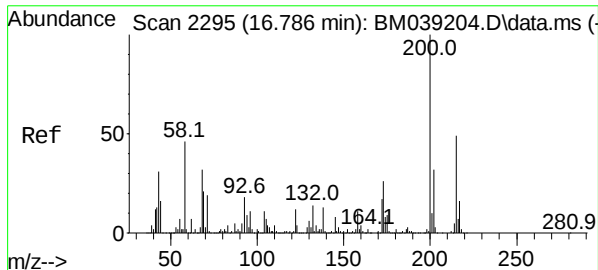
Ion Ratio Lower Upper

198 100

51 50.5 28.9 68.9

105 49.4 28.7 68.7

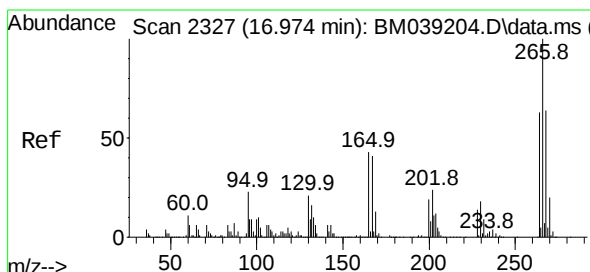
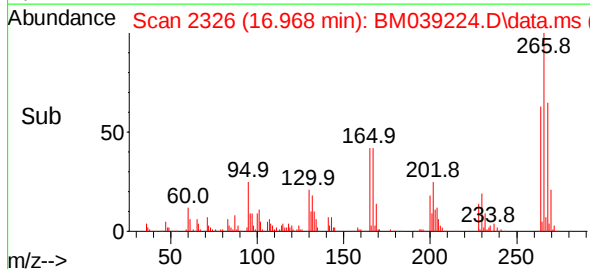
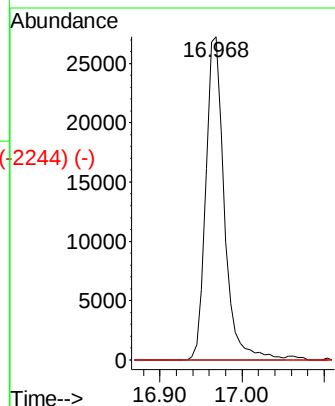
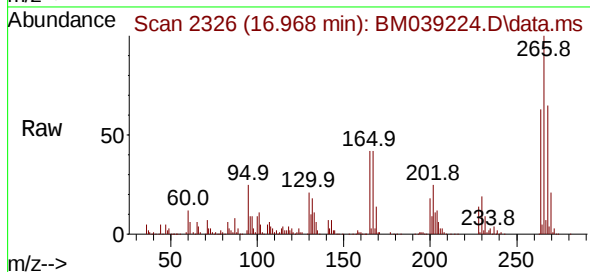




Atrazine
Concen: 4.517 ng
RT: 16.968 min Scan# 2295
Delta R.T. 0.182 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

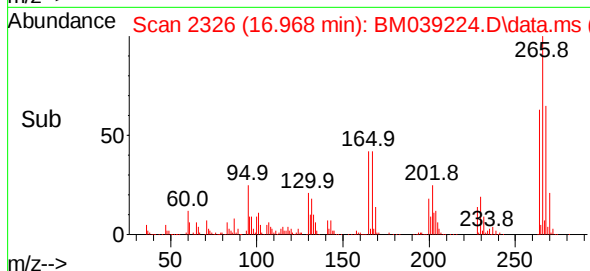
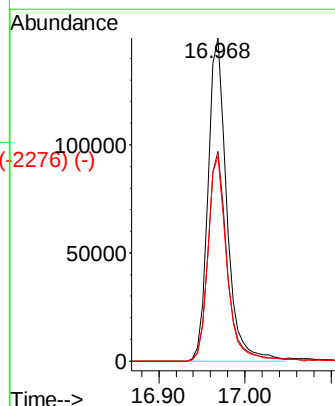
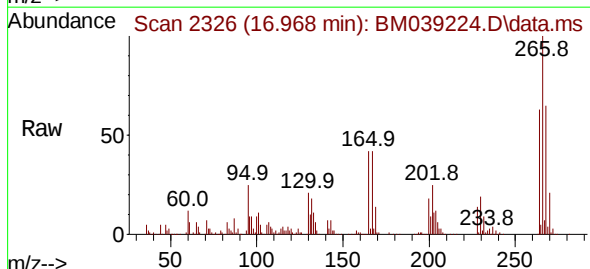
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

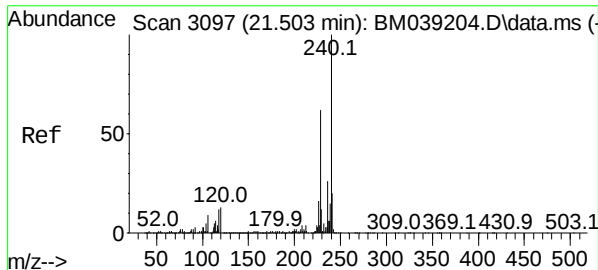
Tgt Ion:	200	Resp:	42381
Ion	Ratio	Lower	Upper
200	100		
173	0.0	6.4	46.4#
215	0.0	28.9	68.9#



Pentachlorophenol
Concen: 28.749 ng
RT: 16.968 min Scan# 2326
Delta R.T. -0.006 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

Tgt Ion:	266	Resp:	224539
Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.4	77.2
264	63.4	50.2	75.4

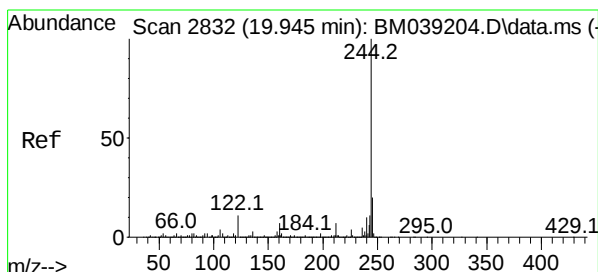
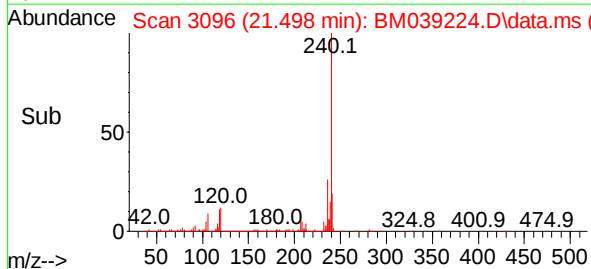
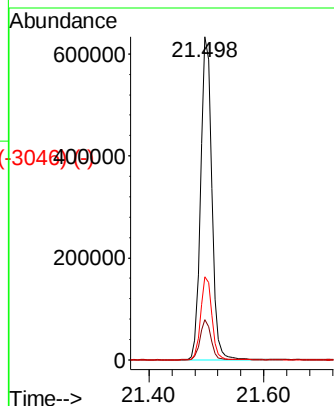
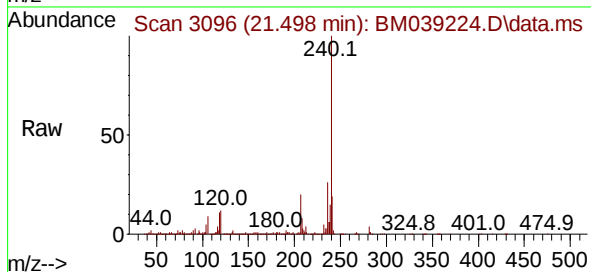




Chrysene-d12
 Concen: 20.000 ng
 RT: 21.498 min Scan# 3097
 Delta R.T. -0.006 min
 Lab File: BM039224.D
 Acq: 30 Mar 2023 13:20

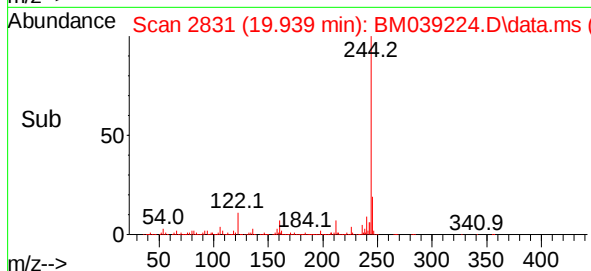
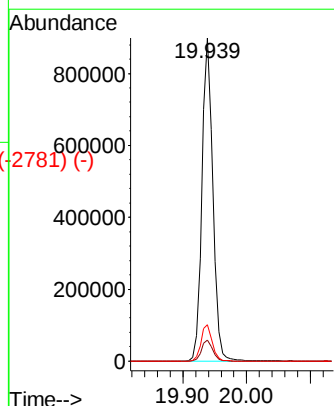
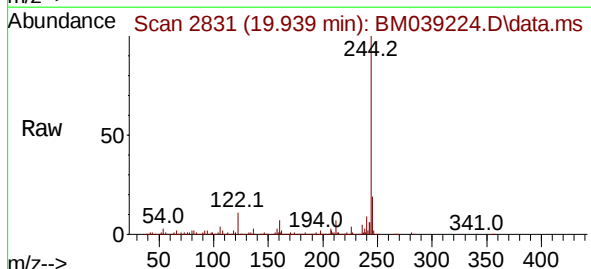
Instrument :
 BNA_M
 ClientSampleId :
 PT-ACIDS-WPDL

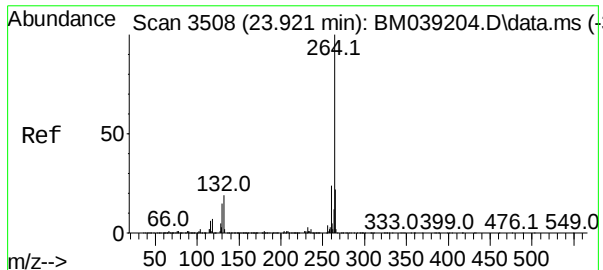
Tgt Ion:	240	Resp:	851005
Ion	Ratio	Lower	Upper
240	100		
120	12.4	10.2	15.2
236	25.7	20.9	31.3



Terphenyl-d14
 Concen: 23.263 ng
 RT: 19.939 min Scan# 2831
 Delta R.T. -0.006 min
 Lab File: BM039224.D
 Acq: 30 Mar 2023 13:20

Tgt Ion:	244	Resp:	1071524
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	11.3	9.1	13.7





Perylene-d12

Concen: 20.000 ng

RT: 23.915 min Scan#

Delta R.T. -0.006 min

Lab File: BM039224.D

Acq: 30 Mar 2023 13:20

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WPDL

Tgt Ion:264 Resp: 1025680

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 21.5 18.1 27.1

