

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
 Data File : BM039182.D
 Acq On : 28 Mar 2023 16:42
 Operator : CG/JU
 Sample : 02111-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 APCS-EAST

Quant Time: Mar 29 01:30:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 29 01:28:31 2023
 Response via : Initial Calibration

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

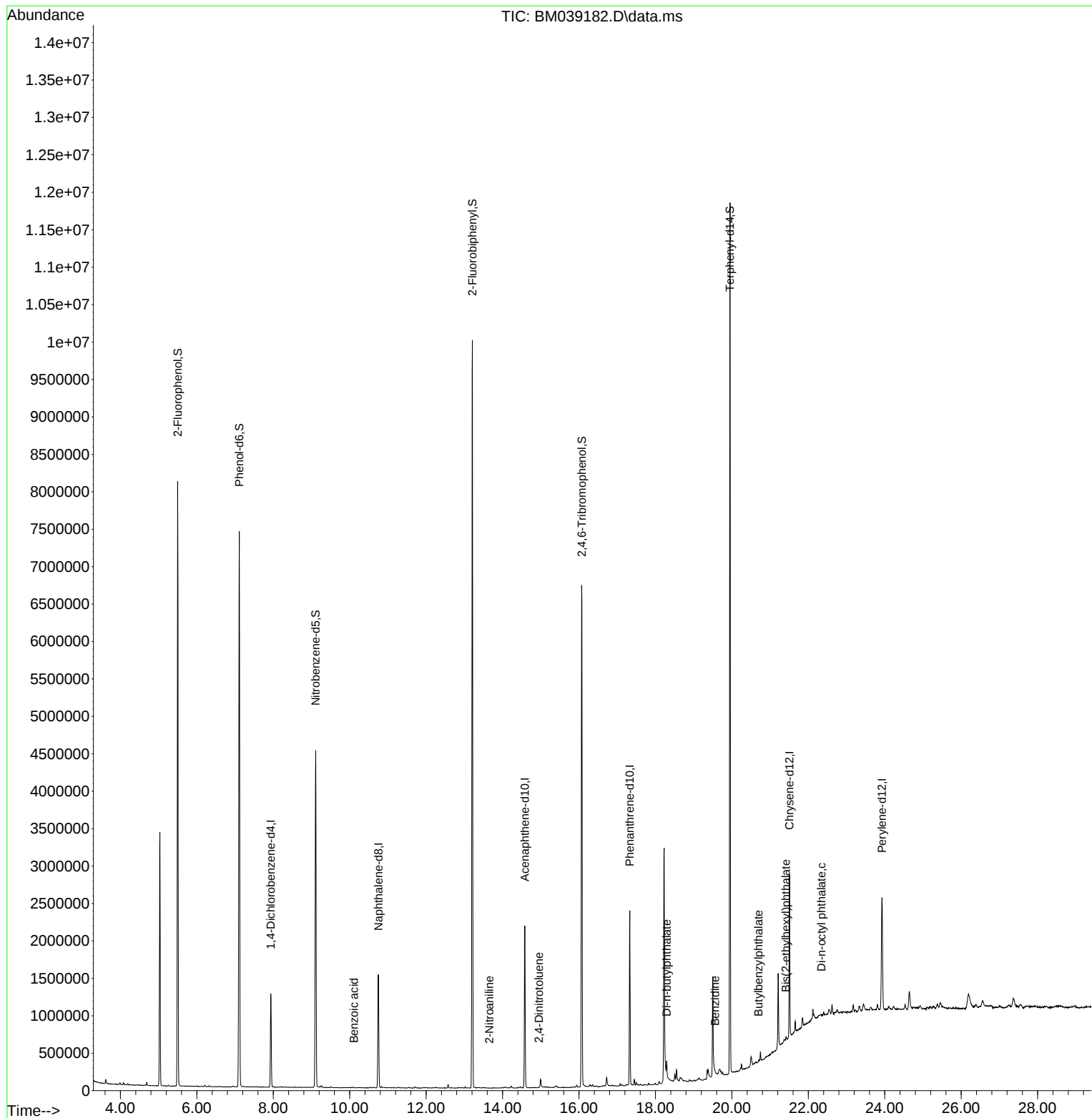
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	330653	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	1280232	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	704377	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	1318388	20.000	ng	0.00
76) Chrysene-d12	21.503	240	1010467	20.000	ng	0.00
86) Perylene-d12	23.927	264	1126242	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	3377658	155.197	ng	0.00
7) Phenol-d6	7.110	99	4343260	153.641	ng	0.00
23) Nitrobenzene-d5	9.110	82	2579168	98.960	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	1235359	151.605	ng	0.00
45) 2-Fluorobiphenyl	13.210	172	4961732	91.700	ng	0.00
79) Terphenyl-d14	19.951	244	5410637	97.900	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.110	122	53	5.736	ng	# 1
48) 2-Nitroaniline	13.651	65	159	2.226	ng	# 6
57) 2,4-Dinitrotoluene	14.951	165	219	2.085	ng	# 57
74) Di-n-butylphthalate	18.292	149	131439	3.271	ng	100
77) Benzidine	19.557	184	125	4.881	ng	# 1
80) Butylbenzylphthalate	20.698	149	590	3.333	ng	96
84) Bis(2-ethylhexyl)phtha...	21.415	149	11812	2.725	ng	# 99
85) Di-n-octyl phthalate	22.345	149	901	3.807	ng	# 77

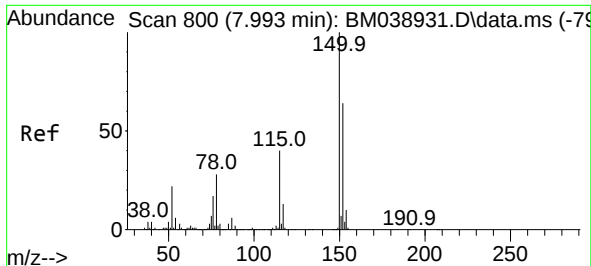
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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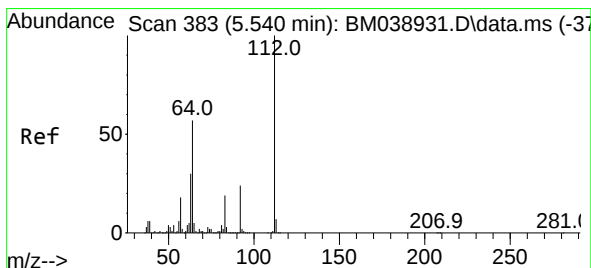
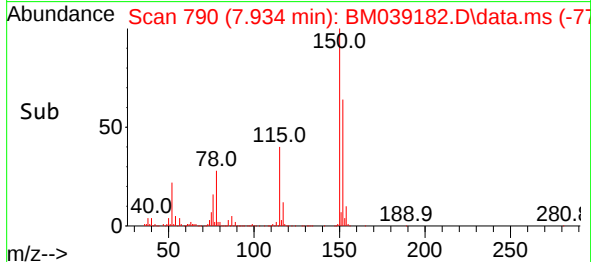
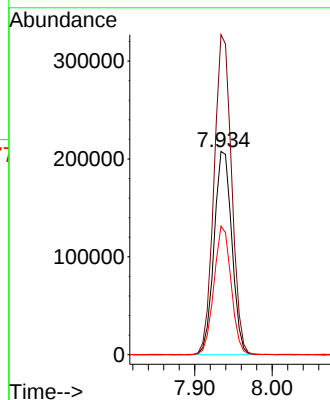
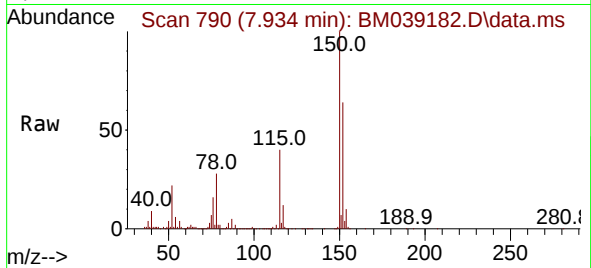




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 71
Delta R.T. -0.005 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

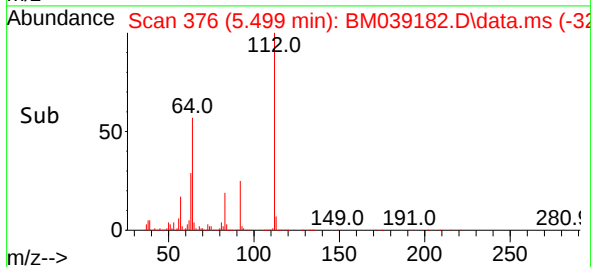
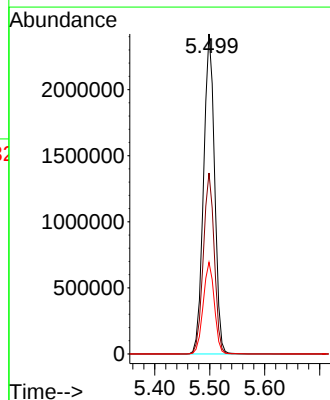
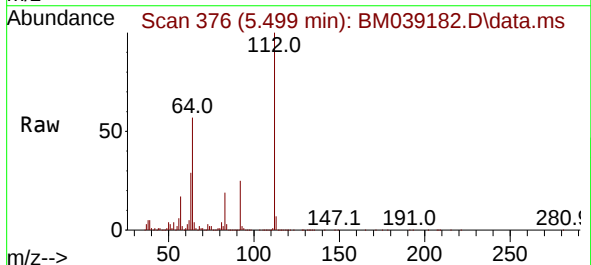
Instrument :
BNA_M
ClientSampleId :
APCS-EAST

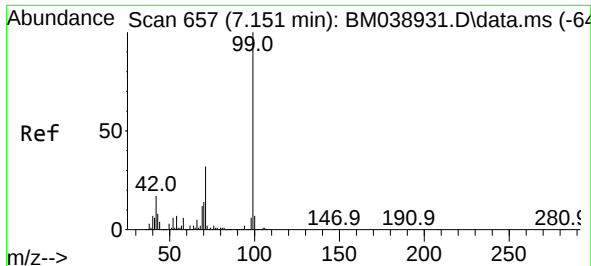
Tgt Ion:152 Resp: 330653
Ion Ratio Lower Upper
152 100
150 157.4 125.1 187.7
115 63.2 49.6 74.4



#5
2-Fluorophenol
Concen: 155.197 ng
RT: 5.499 min Scan# 376
Delta R.T. 0.000 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

Tgt Ion:112 Resp: 3377658
Ion Ratio Lower Upper
112 100
64 56.6 45.9 68.9
63 28.7 23.8 35.8



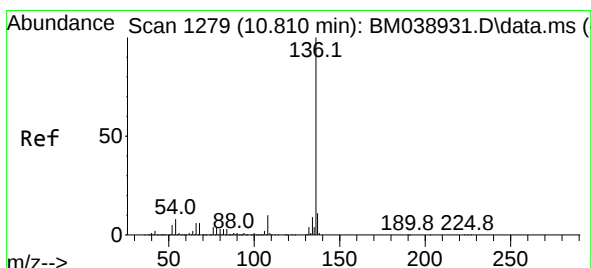
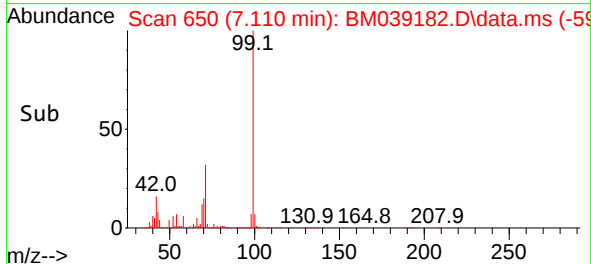
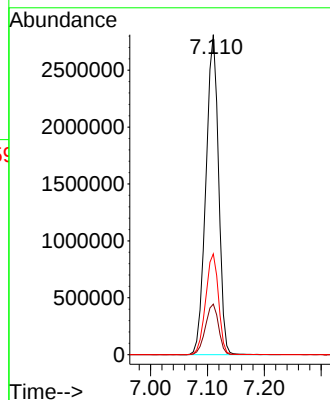
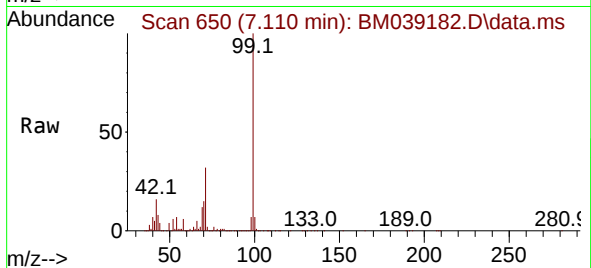


#7
Phenol-d6
Concen: 153.641 ng
RT: 7.110 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

Instrument :
BNA_M
ClientSampleId :
APCS-EAST

Tgt Ion: 99 Resp: 4343260

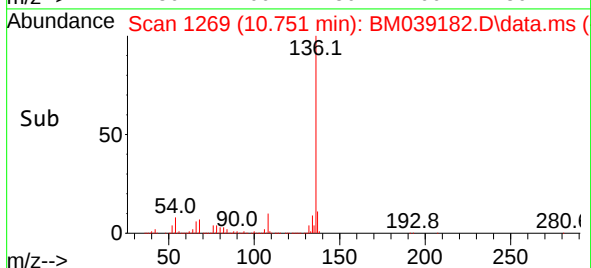
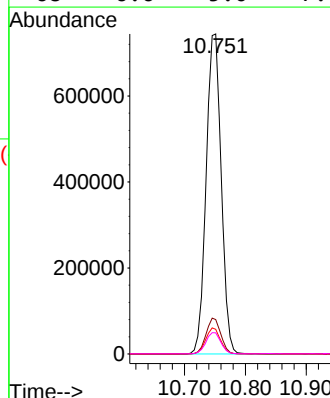
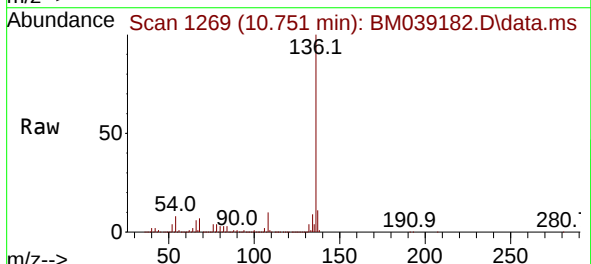
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	31.5	25.6	38.4

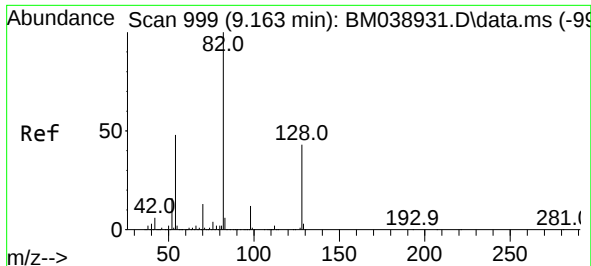


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

Tgt Ion: 136 Resp: 1280232

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.7	6.3	9.5
68	6.6	5.0	7.6

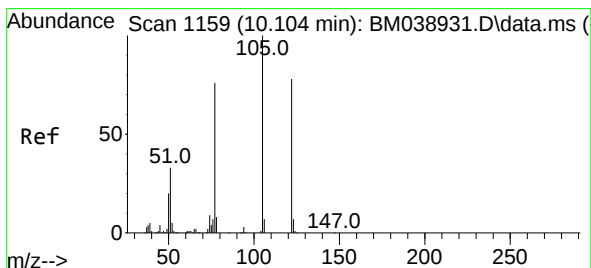
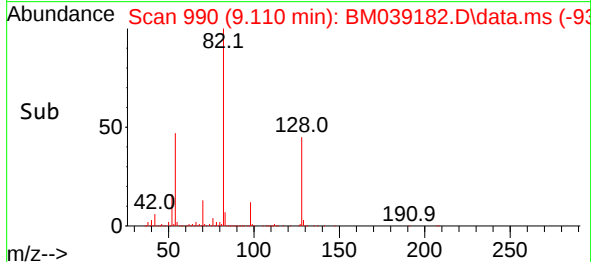
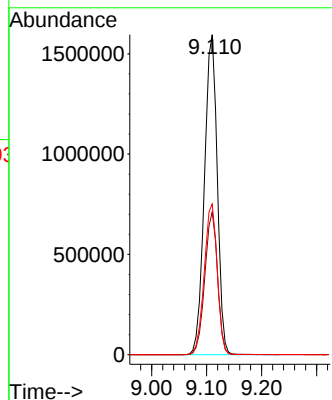
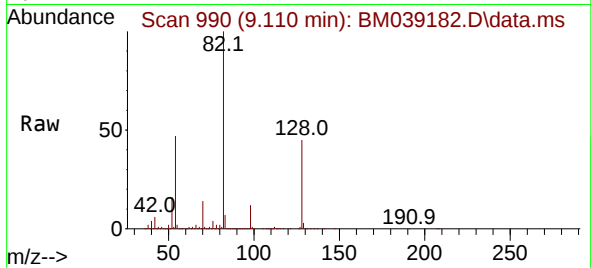




#23
Nitrobenzene-d5
Concen: 98.960 ng
RT: 9.110 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

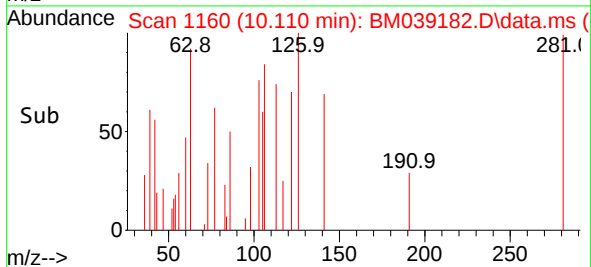
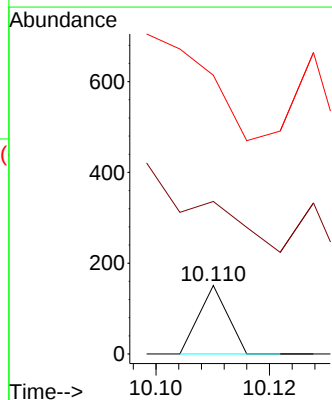
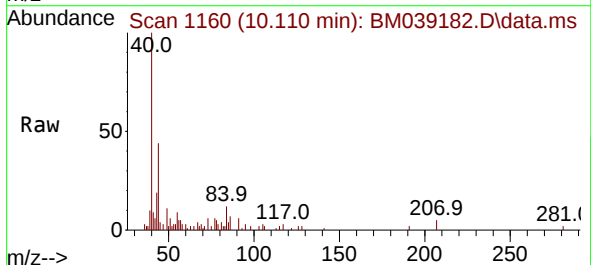
Instrument :
BNA_M
ClientSampleId :
APCS-EAST

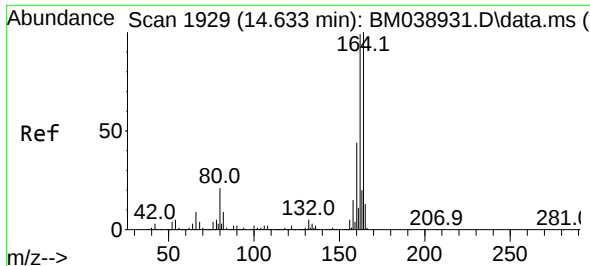
Tgt Ion: 82 Resp: 2579168
Ion Ratio Lower Upper
82 100
128 44.6 34.4 51.6
54 47.1 38.8 58.2



#32
Benzoic acid
Concen: 5.736 ng
RT: 10.110 min Scan# 1160
Delta R.T. 0.012 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

Tgt Ion: 122 Resp: 53
Ion Ratio Lower Upper
122 100
105 222.5 104.2 144.2#
77 406.6 75.1 115.1#

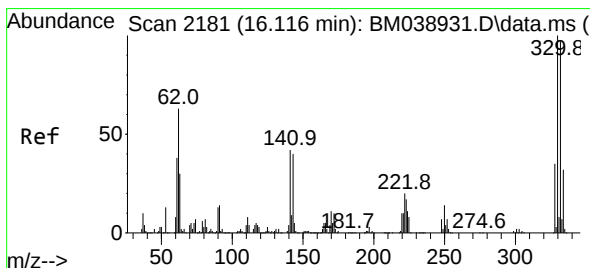
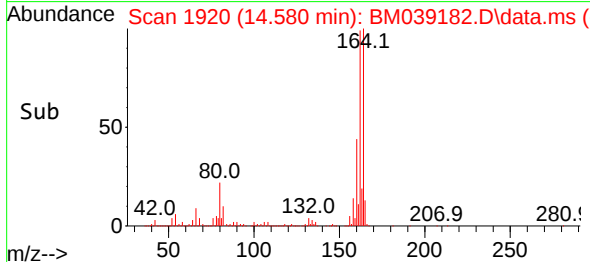
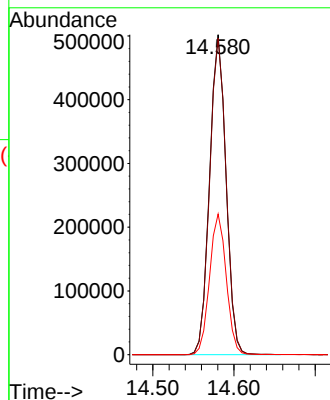
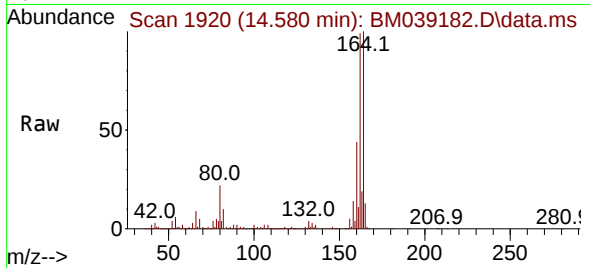




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

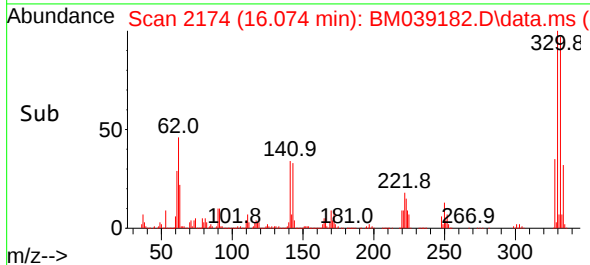
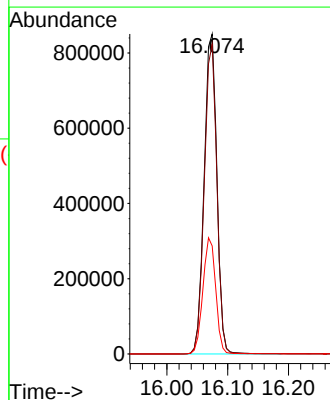
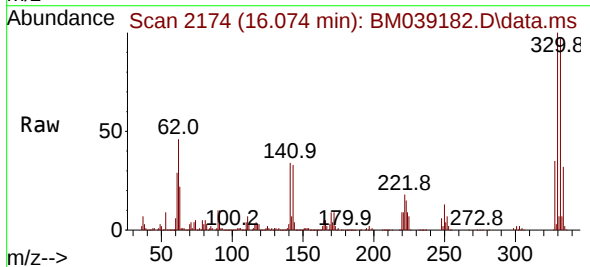
Instrument :
BNA_M
ClientSampleId :
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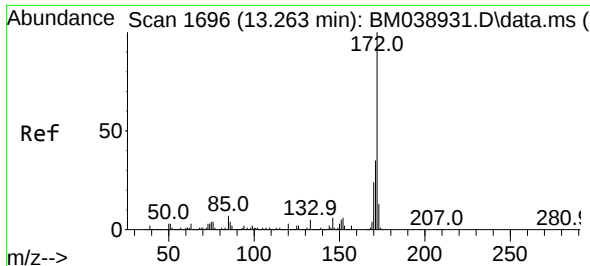
Tgt Ion:164 Resp: 704377
Ion Ratio Lower Upper
164 100
162 99.0 79.2 118.8
160 44.0 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 151.605 ng
RT: 16.074 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

Tgt Ion:330 Resp: 1235359
Ion Ratio Lower Upper
330 100
332 95.7 77.4 116.0
141 36.5 32.2 48.4

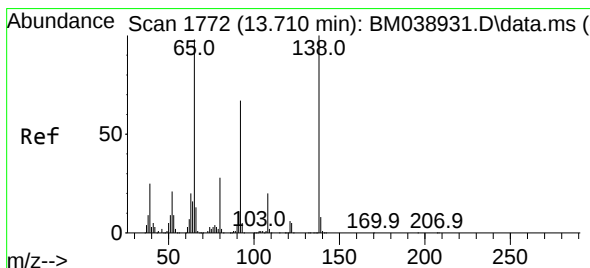
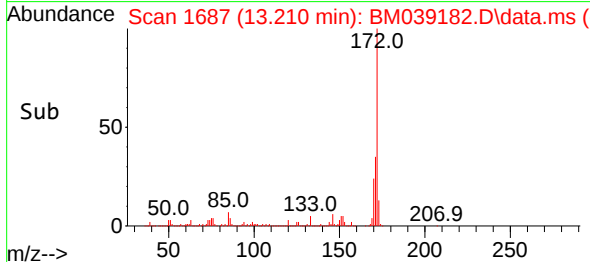
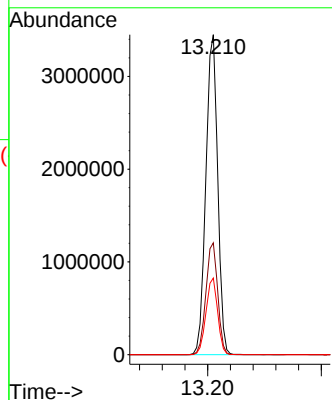
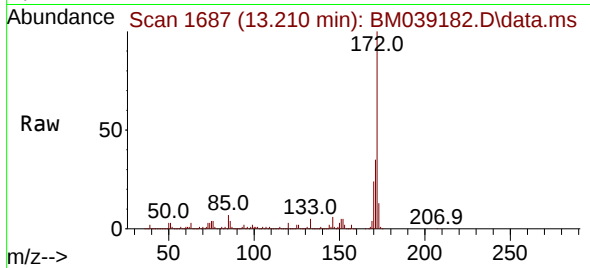




#45
2-Fluorobiphenyl
Concen: 91.700 ng
RT: 13.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

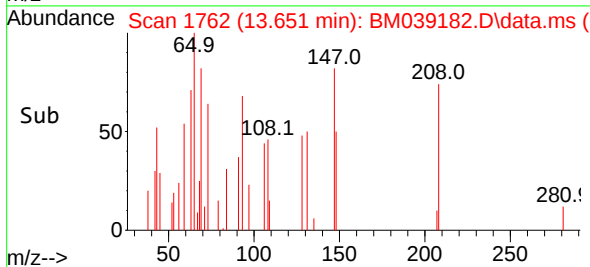
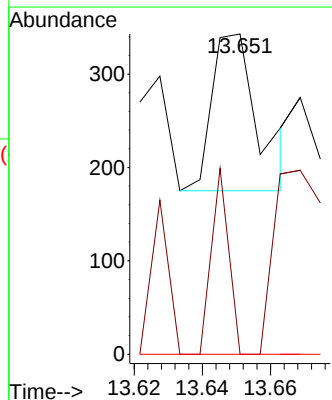
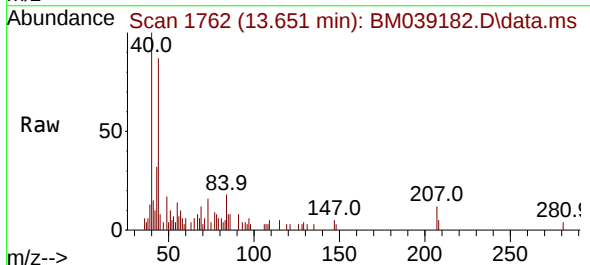
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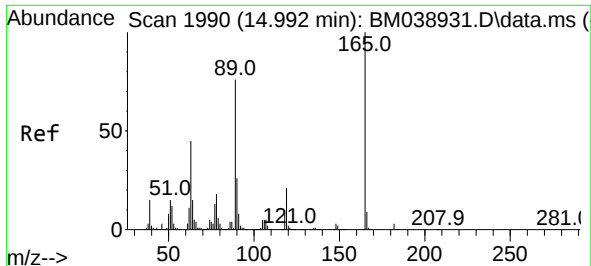
Tgt Ion:172 Resp: 4961732
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.9 19.1 28.7



#48
2-Nitroaniline
Concen: 2.226 ng
RT: 13.651 min Scan# 1762
Delta R.T. -0.017 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

Tgt Ion: 65 Resp: 159
Ion Ratio Lower Upper
65 100
92 0.0 54.9 82.3#
138 0.0 81.6 122.4#

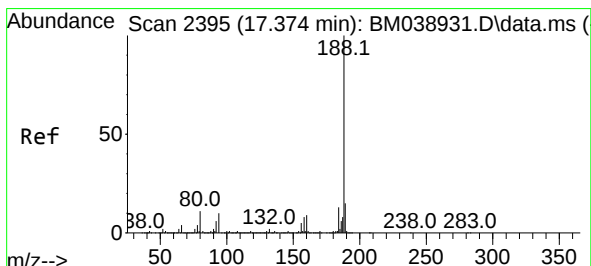
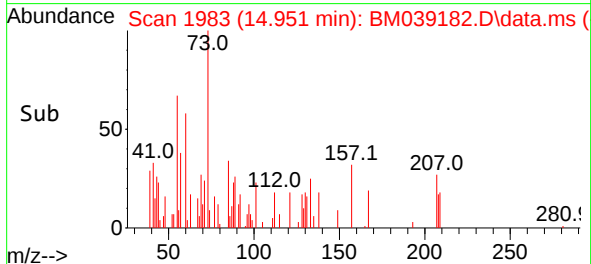
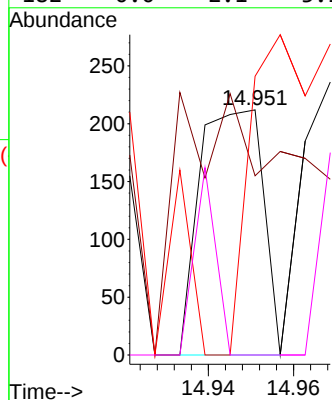
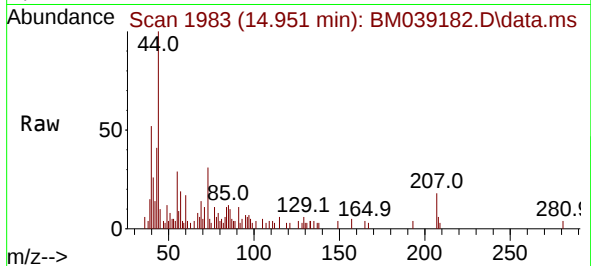




#57
2,4-Dinitrotoluene
Concen: 2.085 ng
RT: 14.951 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

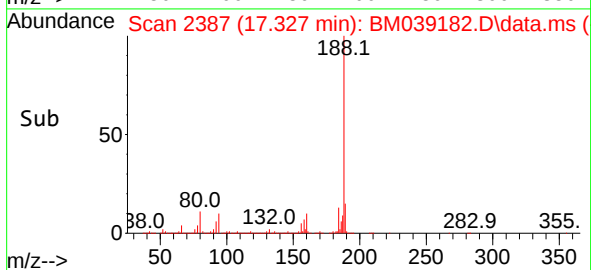
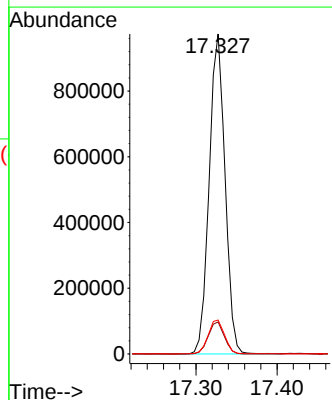
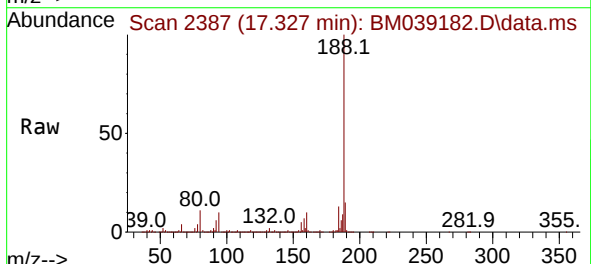
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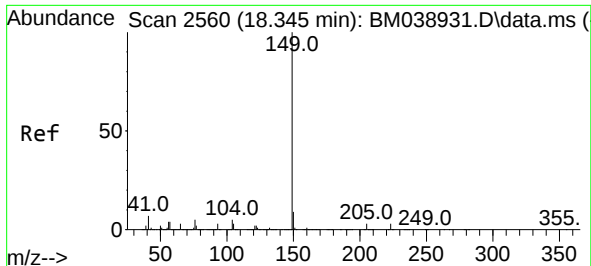
Tgt Ion:165 Resp: 219
Ion Ratio Lower Upper
165 100
63 73.1 35.9 53.9#
89 113.7 61.0 91.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2387
Delta R.T. 0.000 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

Tgt Ion:188 Resp: 1318388
Ion Ratio Lower Upper
188 100
94 10.0 7.9 11.9
80 10.6 8.5 12.7

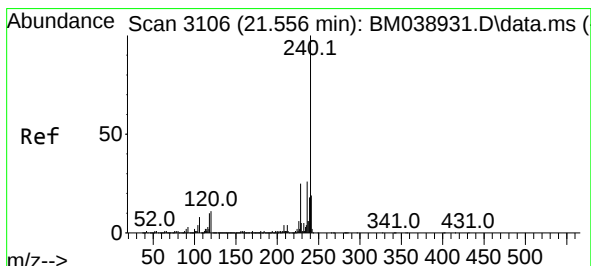
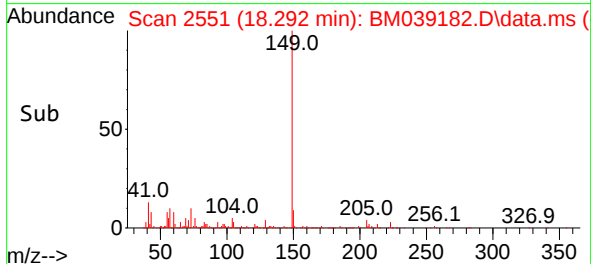
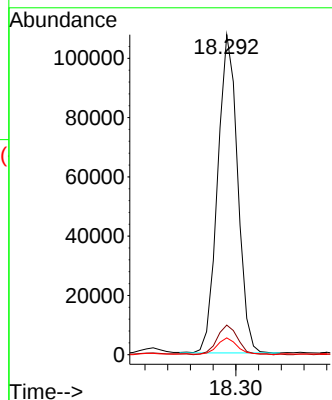
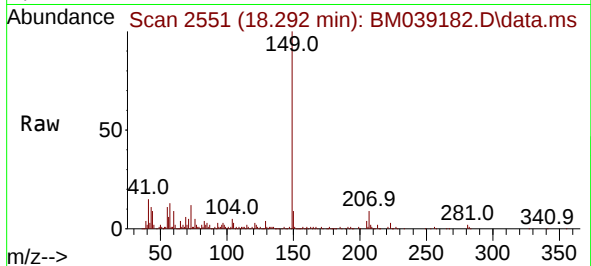




#74
Di-n-butylphthalate
Concen: 3.271 ng
RT: 18.292 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

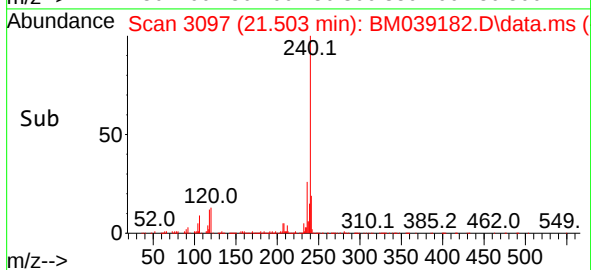
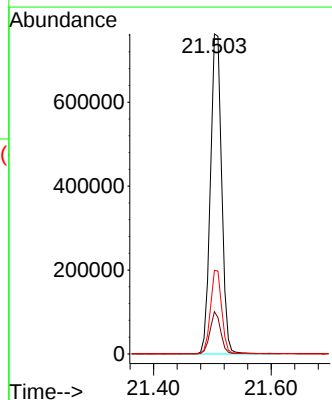
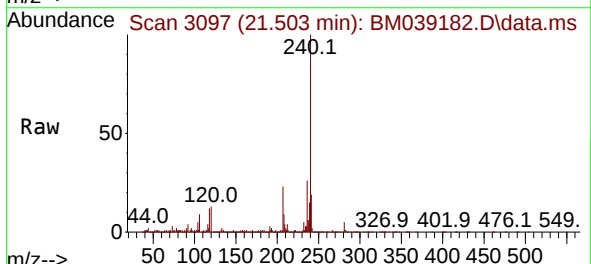
Instrument :
BNA_M
ClientSampleId :
APCS-EAST

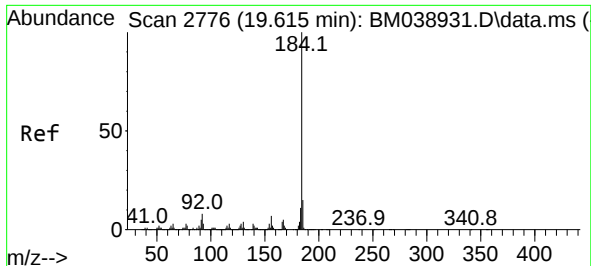
Tgt Ion:149 Resp: 131439
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 5.3 4.3 6.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

Tgt Ion:240 Resp: 1010467
Ion Ratio Lower Upper
240 100
120 13.2 9.2 13.8
236 26.1 20.8 31.2

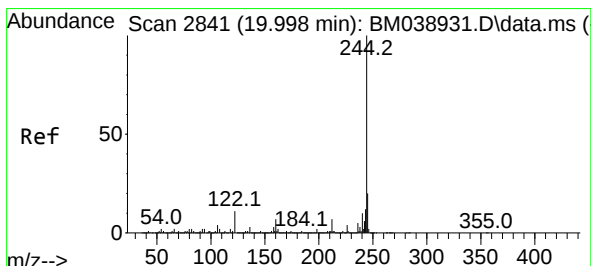
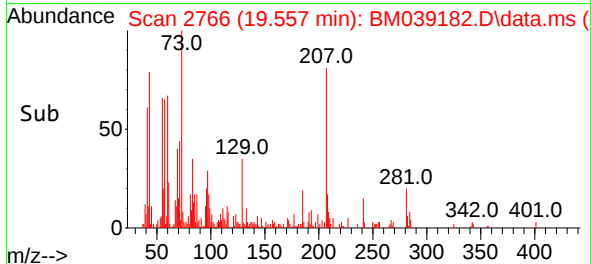
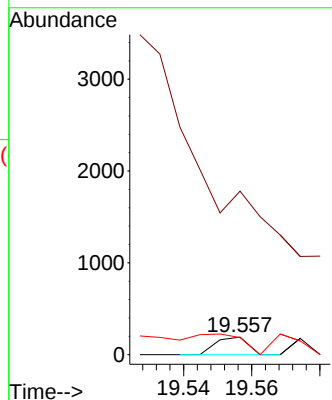
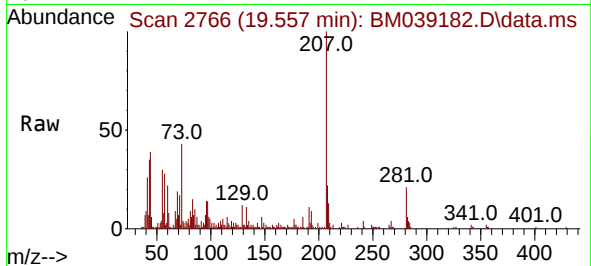




#77
Benzidine
Concen: 4.881 ng
RT: 19.557 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

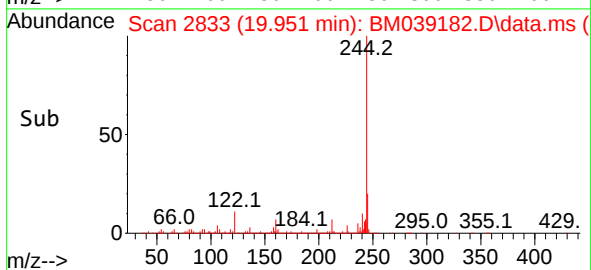
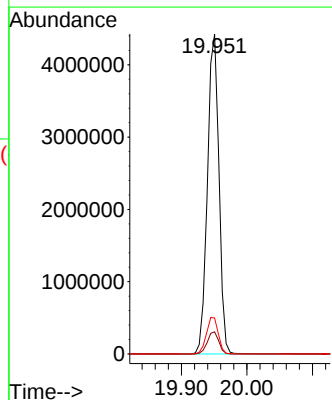
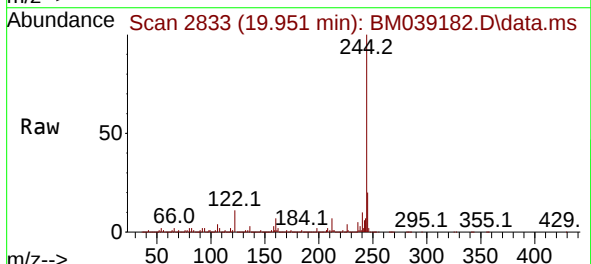
Instrument :
BNA_M
ClientSampleId :
APCS-EAST

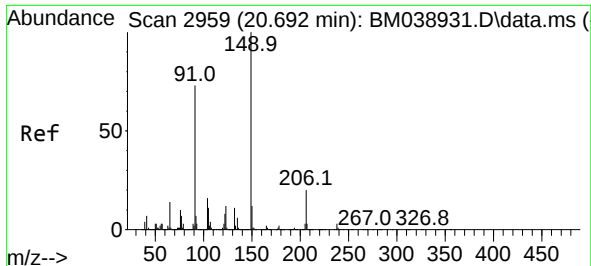
Tgt Ion:184 Resp: 125
Ion Ratio Lower Upper
184 100
185 927.1 12.2 18.4#
183 96.9 8.8 13.2#



#79
Terphenyl-d14
Concen: 97.900 ng
RT: 19.951 min Scan# 2833
Delta R.T. 0.000 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

Tgt Ion:244 Resp: 5410637
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 11.3 9.0 13.4

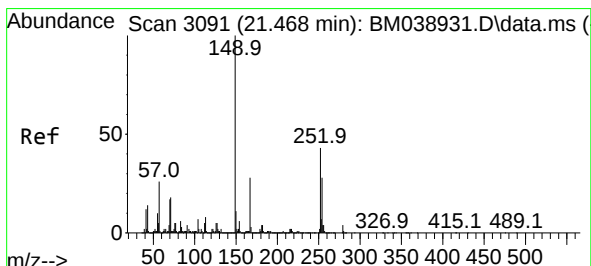
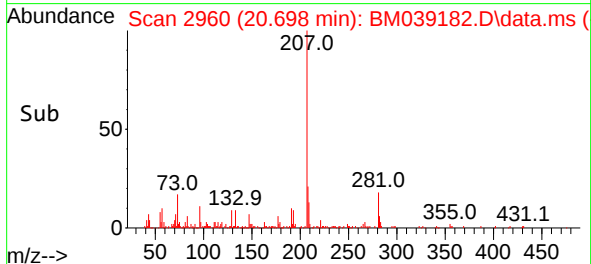
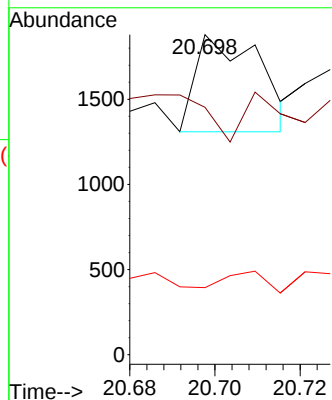
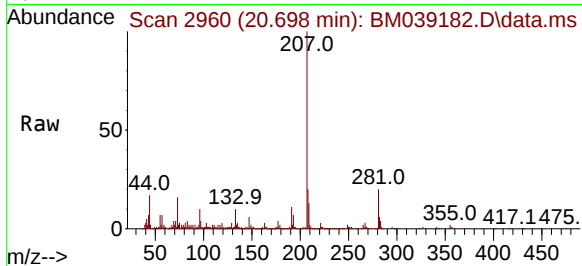




#80
Butylbenzylphthalate
Concen: 3.333 ng
RT: 20.698 min Scan# 2959
Delta R.T. 0.053 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

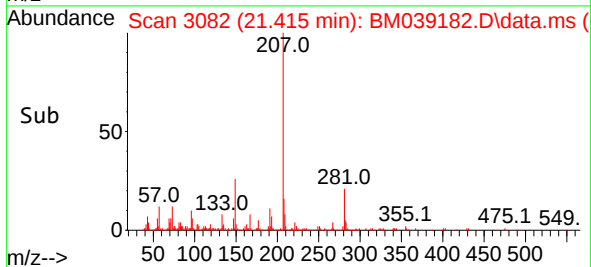
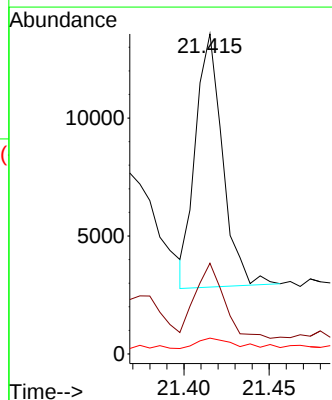
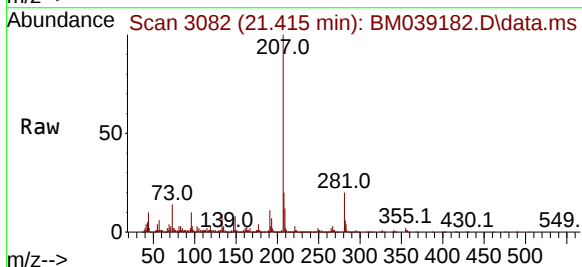
Instrument :
BNA_M
ClientSampleId :
APCS-EAST

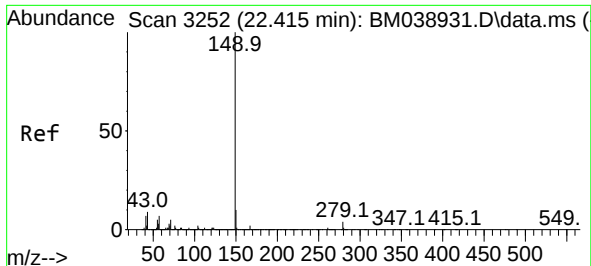
Tgt Ion:	149	Resp:	590
Ion Ratio	Lower	Upper	
149	100		
91	77.3	58.4	87.6
206	21.0	16.1	24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.725 ng
RT: 21.415 min Scan# 3082
Delta R.T. 0.000 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

Tgt Ion:	149	Resp:	11812
Ion Ratio	Lower	Upper	
149	100		
167	28.3	22.3	33.5
279	4.9	3.2	4.8

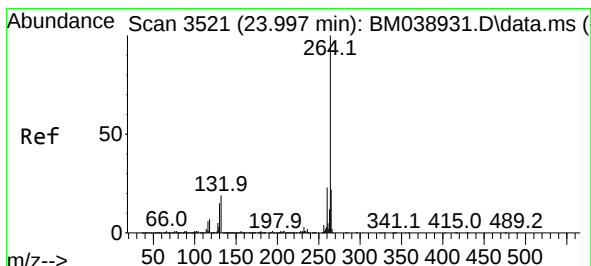
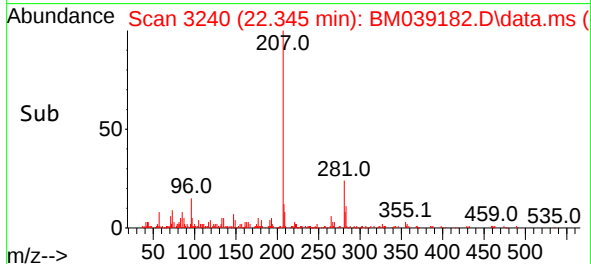
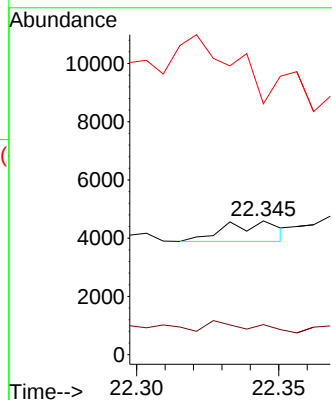
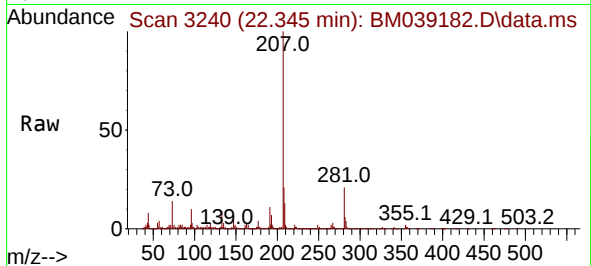




#85
Di-n-octyl phthalate
Concen: 3.807 ng
RT: 22.345 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

Instrument :
BNA_M
ClientSampleId :
APCS-EAST

Tgt Ion:149 Resp: 901
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 7.4 11.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.927 min Scan# 3509
Delta R.T. 0.000 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

Tgt Ion:264 Resp: 1126242
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 22.1 17.9 26.9

