

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)

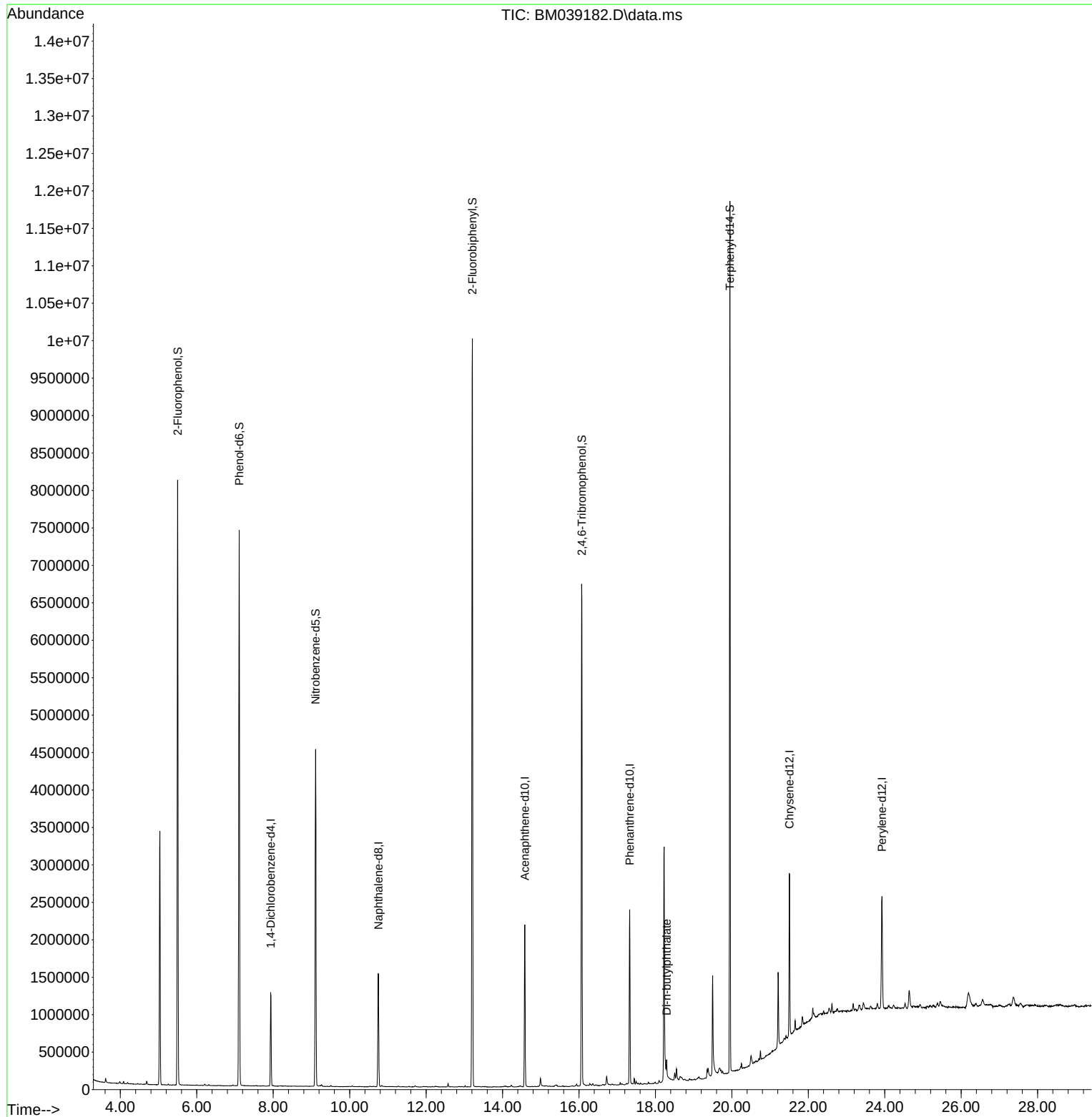
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	330653	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	1280232	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	704377	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	1318388	20.000	ng	0.00
76) Chrysene-d12	21.503	240	1010467	20.000	ng	0.00
86) Perylene-d12	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						
74) Di-n-butylphthalate	18.292	149	131439	3.271	ng	Qvalue 100

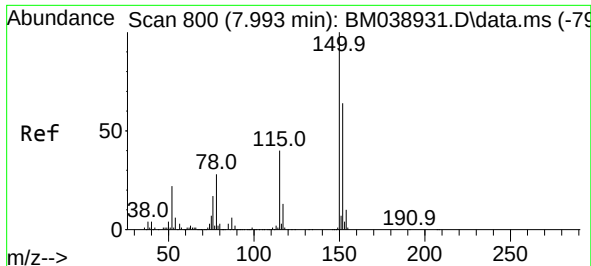
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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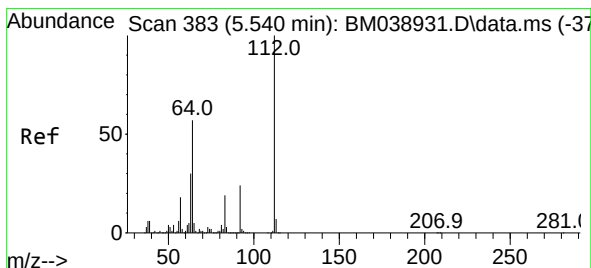
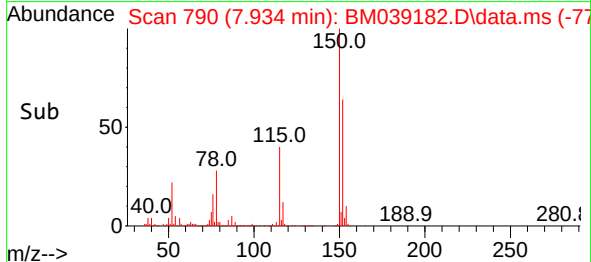
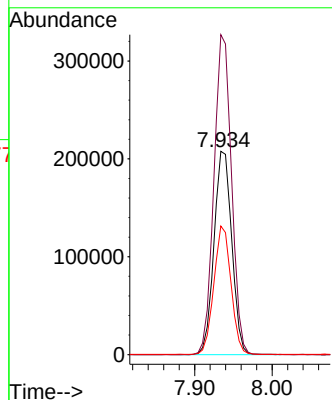
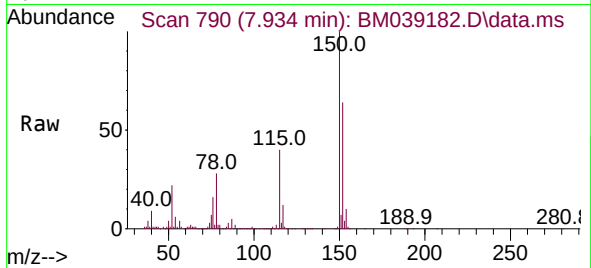




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 79
Delta R.T. -0.005 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

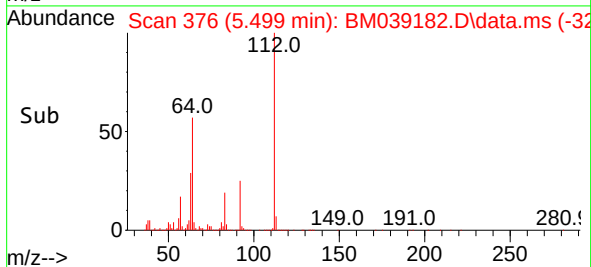
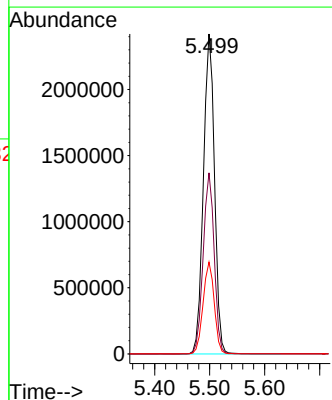
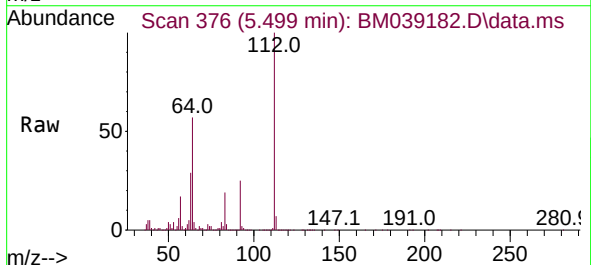
Instrument :
BNA_M
ClientSampleId :
APCS-EAST

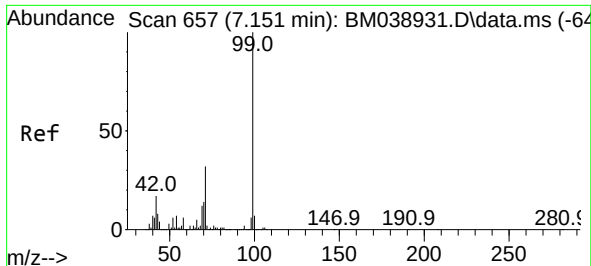
Tgt Ion:152 Resp: 330653
Ion Ratio Lower Upper
152 100
150 157.4 125.1 187.7
115 63.2 49.6 74.4



#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



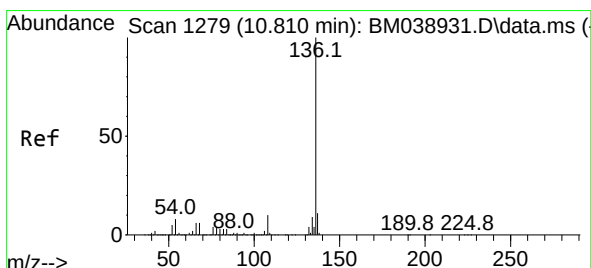
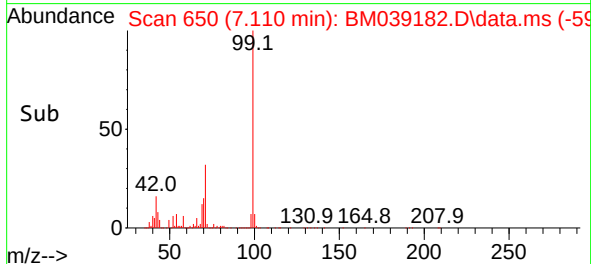
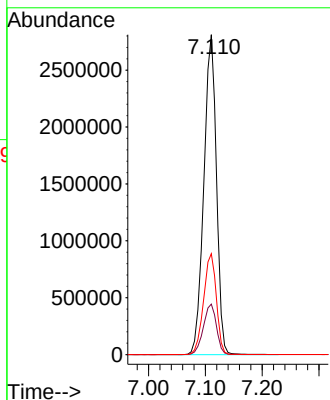
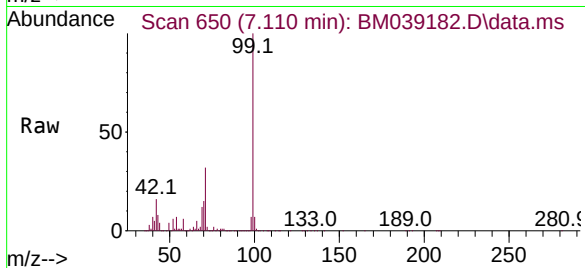


#7
Phenol-d6
Concen: 153.641 ng
RT: 7.110 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

Instrument :
BNA_M
ClientSampleId :
APCS-EAST

Tgt Ion: 99 Resp: 4343260

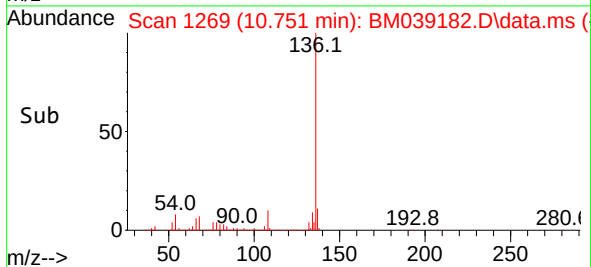
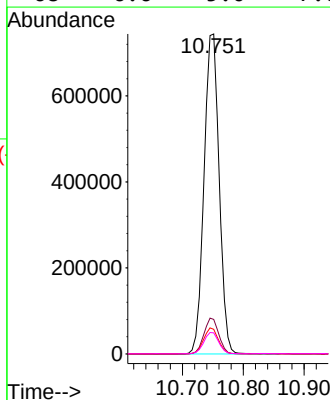
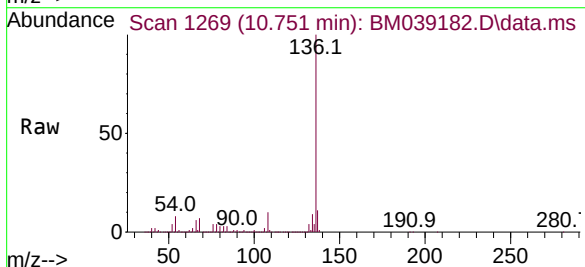
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	31.5	25.6	38.4

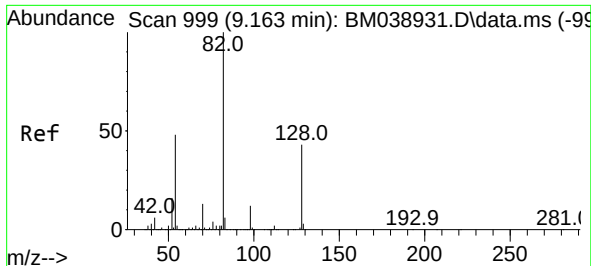


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

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

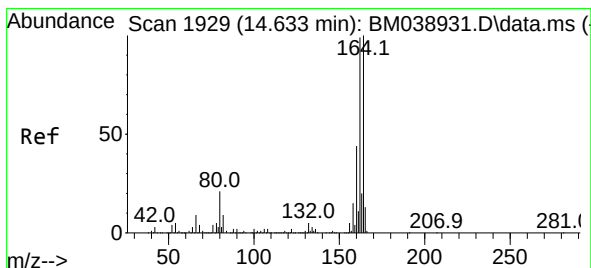
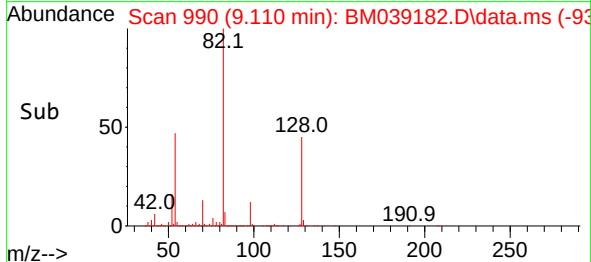
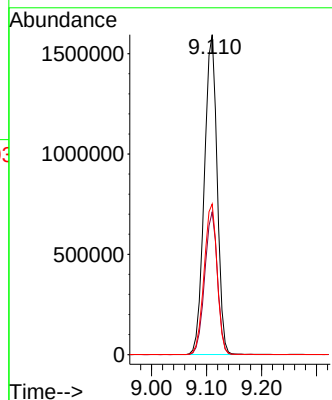
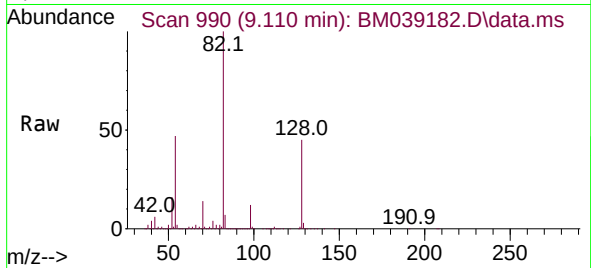




#23
Nitrobenzene-d5
Concen: 98.960 ng
RT: 9.110 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

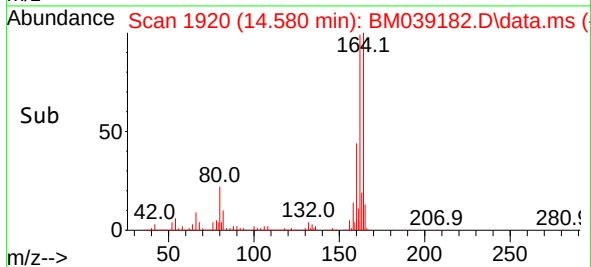
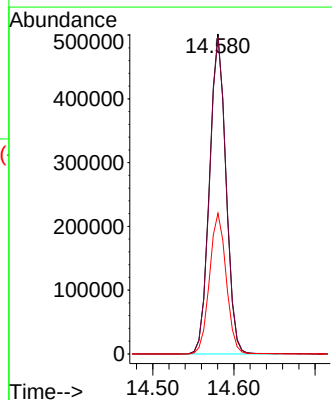
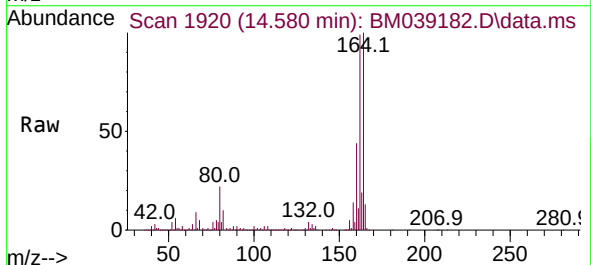
Instrument :
BNA_M
ClientSampleId :
APCS-EAST

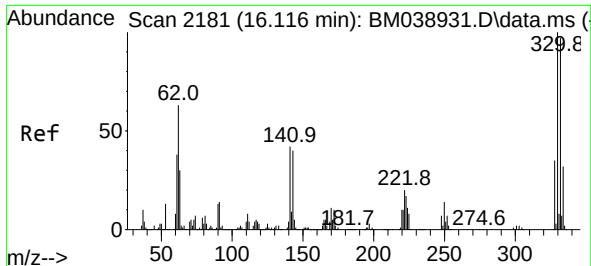
Tgt Ion: 82 Resp: 2579168
Ion Ratio Lower Upper
82 100
128 44.6 34.4 51.6
54 47.1 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

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

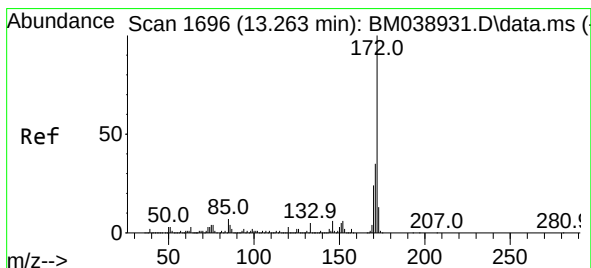
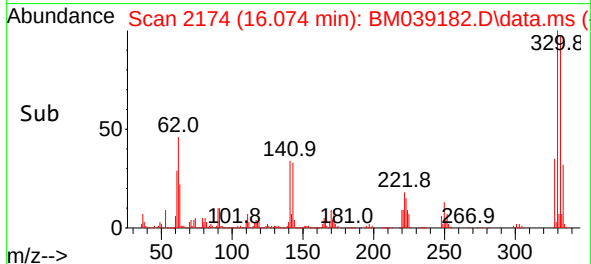
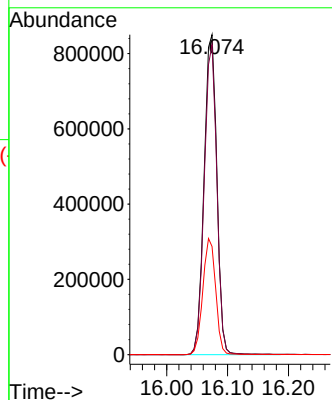
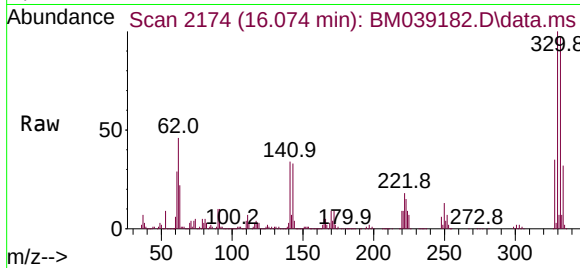




#42
2,4,6-Tribromophenol
Concen: 151.605 ng
RT: 16.074 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

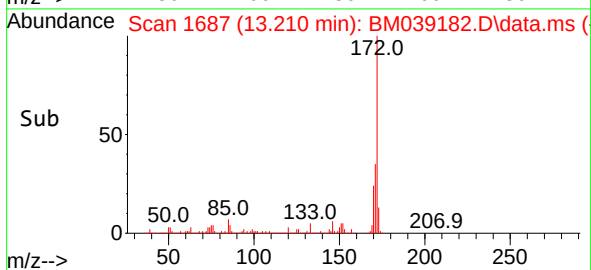
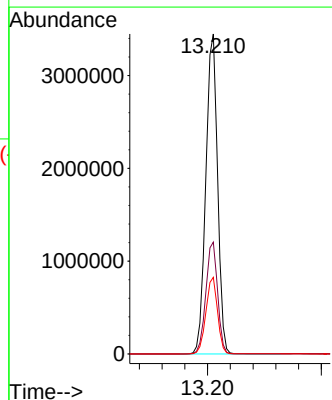
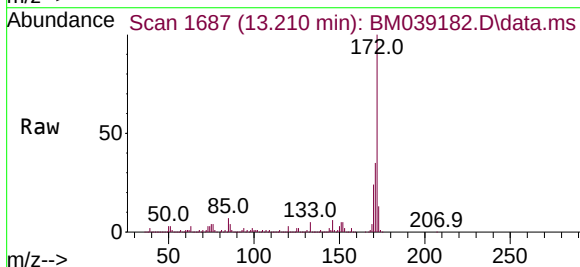
Instrument :
BNA_M
ClientSampleId :
APCS-EAST

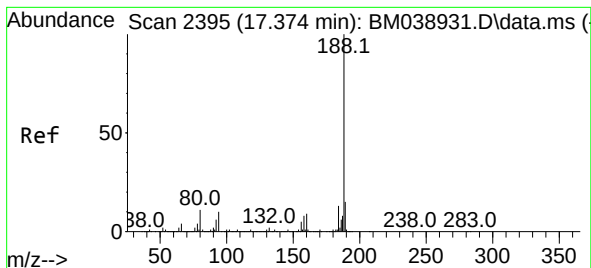
Tgt Ion:330 Resp: 1235359
Ion Ratio Lower Upper
330 100
332 95.7 77.4 116.0
141 36.5 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 91.700 ng
RT: 13.210 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.327 min Scan# 2395

Delta R.T. 0.000 min

Lab File: BM039182.D

Acq: 28 Mar 2023 16:42

Instrument :

BNA_M

ClientSampleId :

APCS-EAST

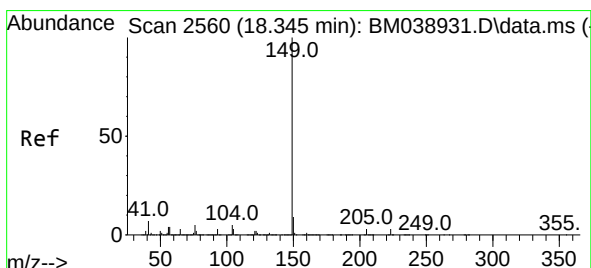
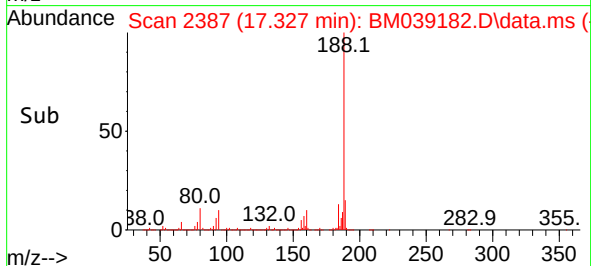
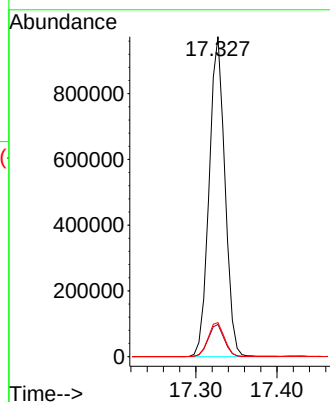
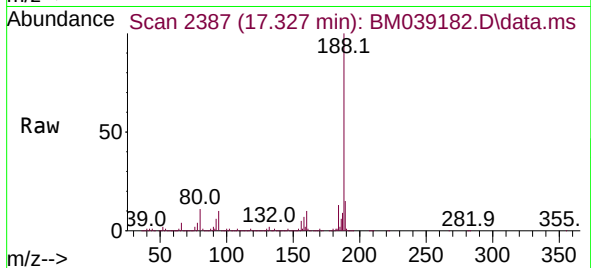
Tgt Ion:188 Resp: 1318388

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# 2551

Delta R.T. -0.006 min

Lab File: BM039182.D

Acq: 28 Mar 2023 16:42

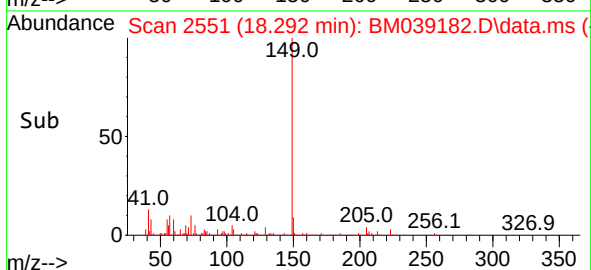
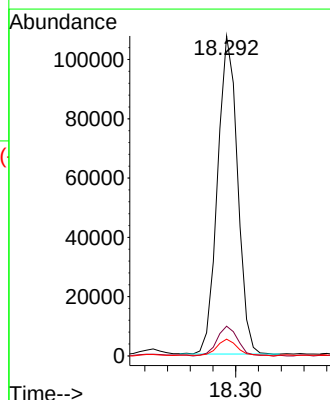
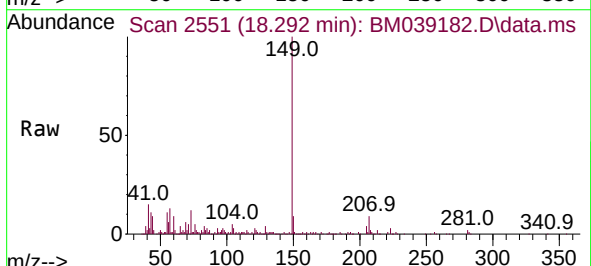
Tgt Ion:149 Resp: 131439

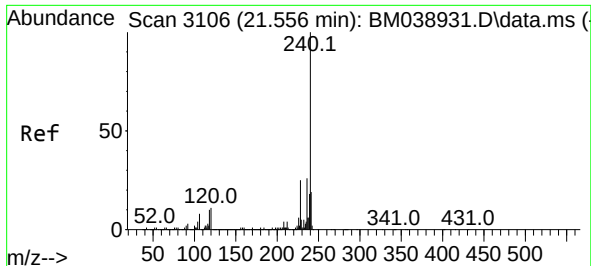
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.3 4.3 6.5

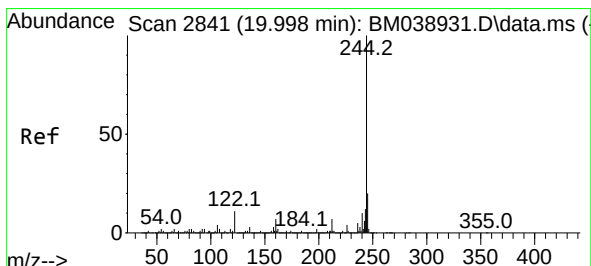
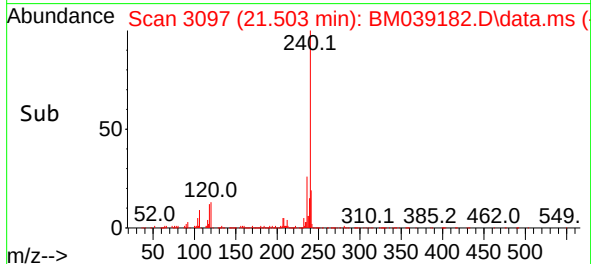
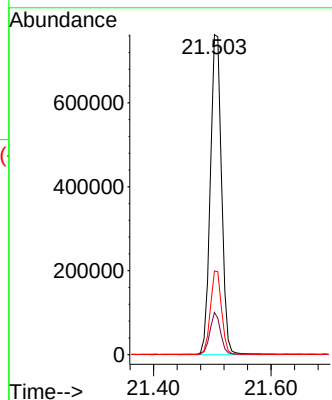
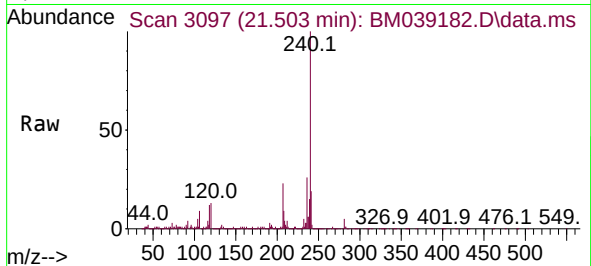




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM039182.D
Acq: 28 Mar 2023 16:42

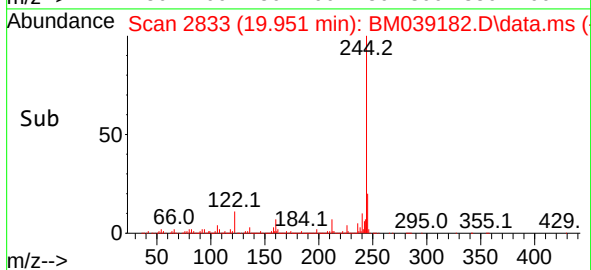
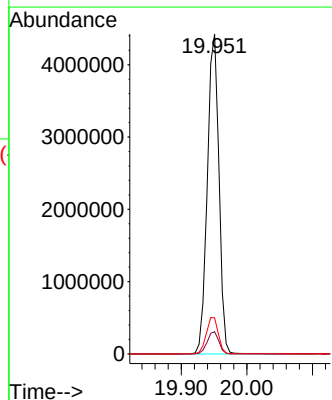
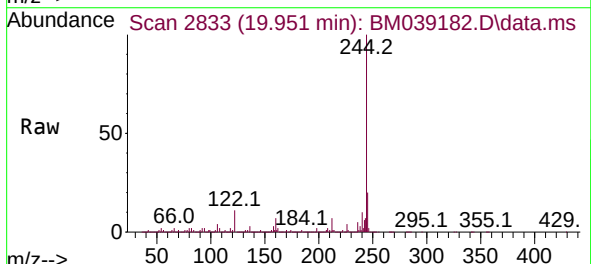
Instrument :
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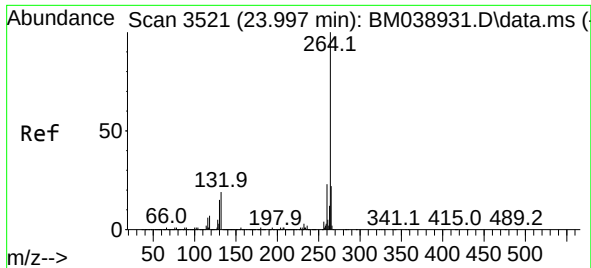
Tgt Ion:240 Resp: 1010467
Ion Ratio Lower Upper
240 100
120 13.2 9.2 13.8
236 26.1 20.8 31.2



#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





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.927 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:264 Resp: 1126242
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 22.1 17.9 26.9

