

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081623\
 Data File : BM041427.D
 Acq On : 16 Aug 2023 17:08
 Operator : MA/JU
 Sample : PB154844BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154844BL

Quant Time: Aug 17 02:34:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 02:13:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	161054	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	623080	20.000	ng	0.00
39) Acenaphthene-d10	14.427	164	395524	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	891057	20.000	ng	0.00
76) Chrysene-d12	21.392	240	840621	20.000	ng	0.00
86) Perylene-d12	23.750	264	938867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1462452	151.061	ng	0.00
7) Phenol-d6	6.951	99	1790549	136.206	ng	0.00
23) Nitrobenzene-d5	8.945	82	1152028	88.260	ng	0.00
42) 2,4,6-Tribromophenol	15.927	330	819499	130.561	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	2637240	89.349	ng	0.00
79) Terphenyl-d14	19.827	244	4671649	96.708	ng	0.00

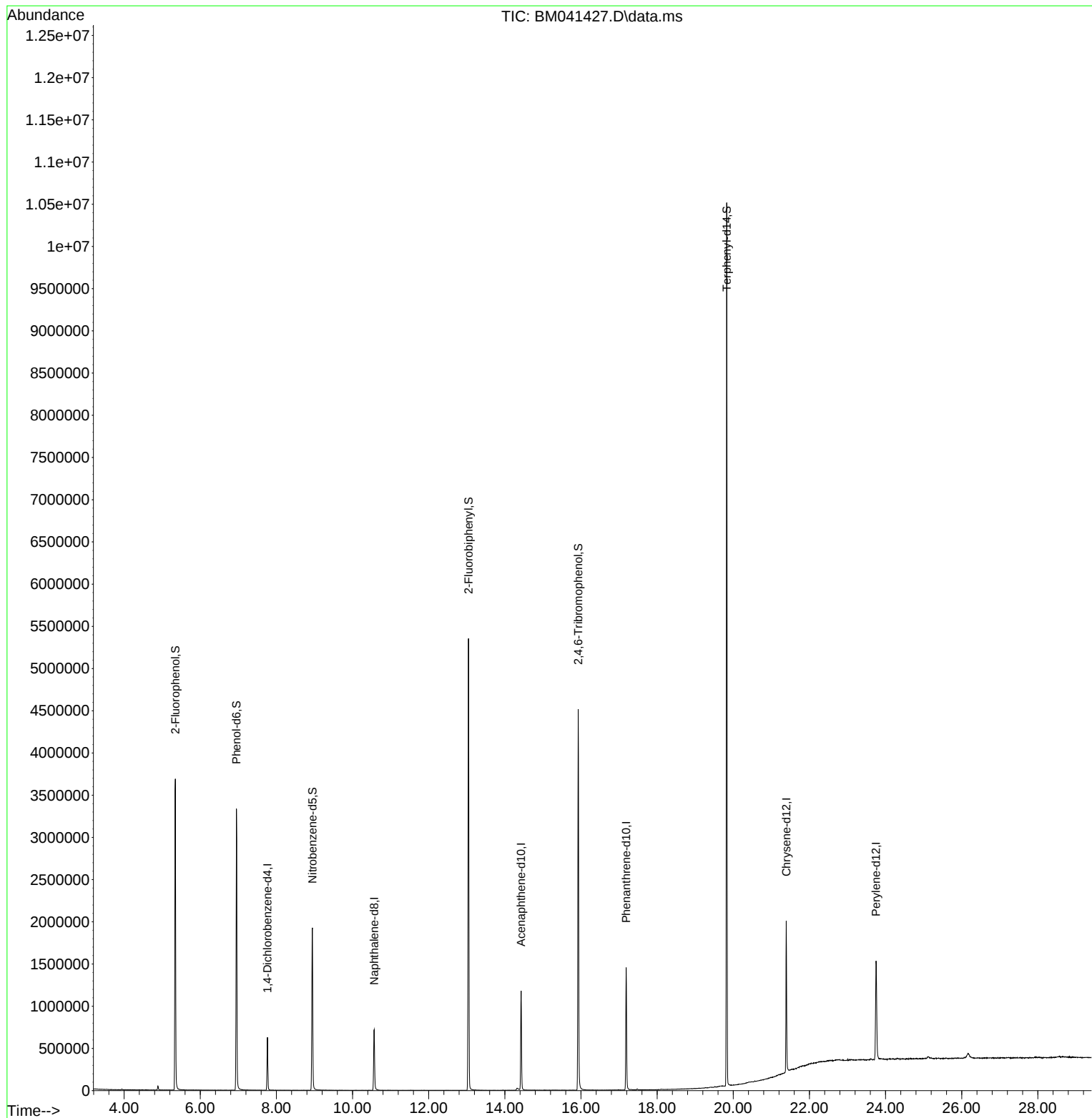
Target Compounds	Qvalue

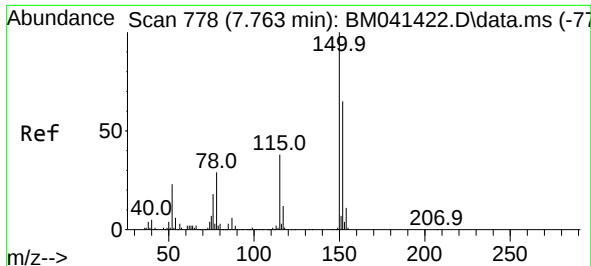
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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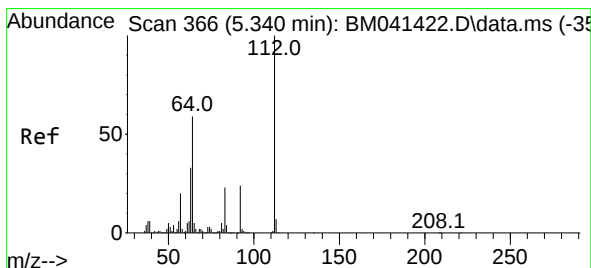
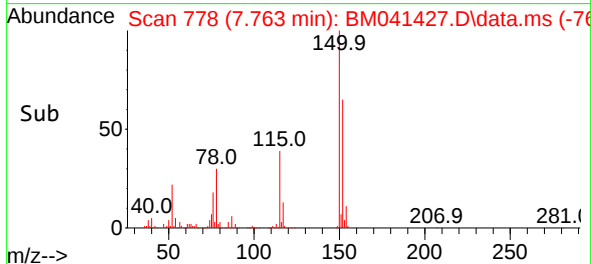
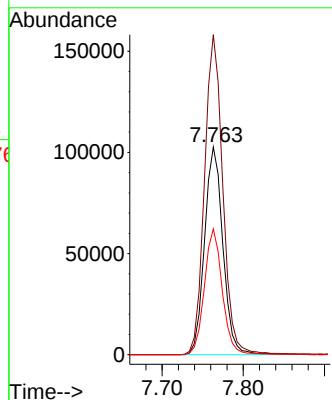
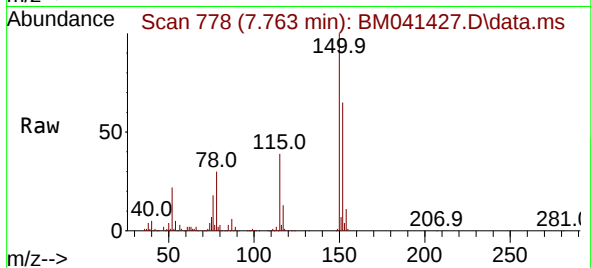




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 778
Delta R.T. 0.000 min
Lab File: BM041427.D
Acq: 16 Aug 2023 17:08

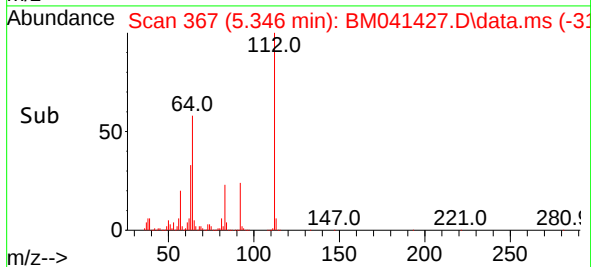
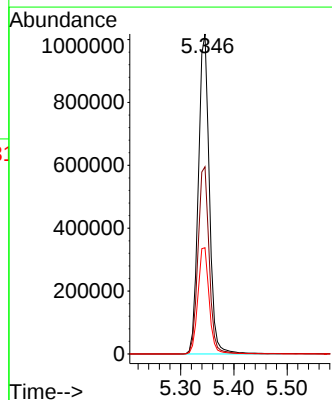
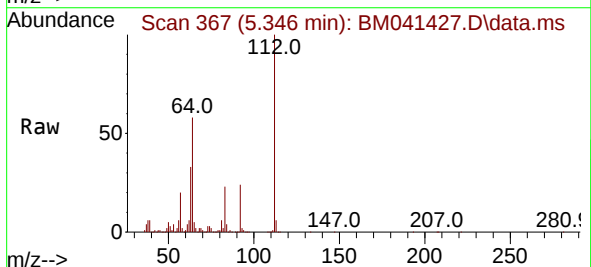
Instrument :
BNA_M
ClientSampleId :
PB154844BL

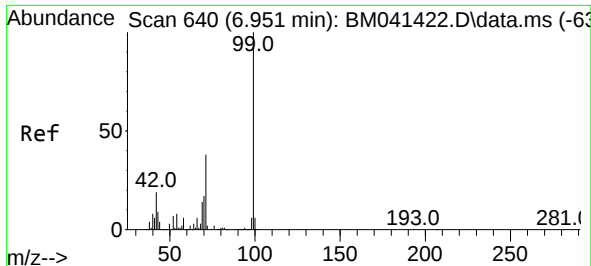
Tgt Ion:152 Resp: 161054
Ion Ratio Lower Upper
152 100
150 154.1 123.8 185.6
115 60.5 46.6 70.0



#5
2-Fluorophenol
Concen: 151.061 ng
RT: 5.346 min Scan# 367
Delta R.T. 0.006 min
Lab File: BM041427.D
Acq: 16 Aug 2023 17:08

Tgt Ion:112 Resp: 1462452
Ion Ratio Lower Upper
112 100
64 58.5 47.3 70.9
63 33.2 26.5 39.7

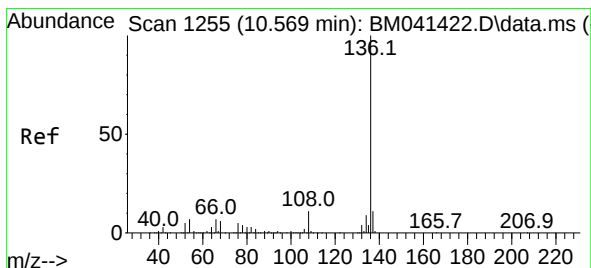
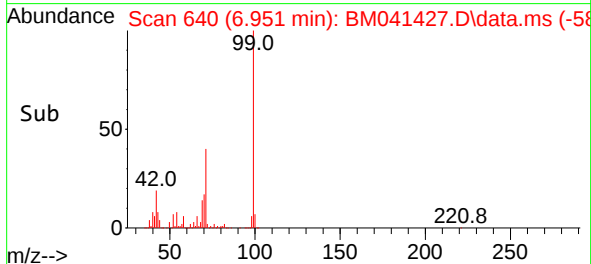
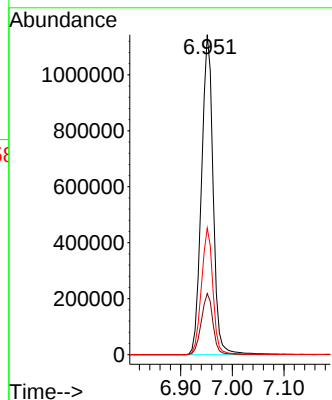
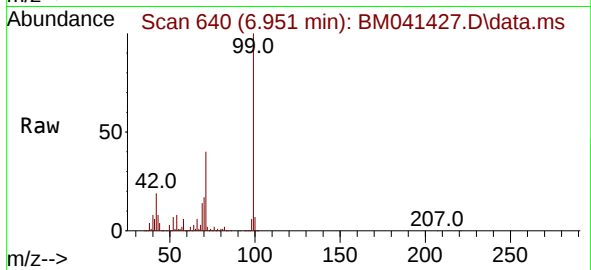




#7
Phenol-d6
Concen: 136.206 ng
RT: 6.951 min Scan# 640
Delta R.T. 0.000 min
Lab File: BM041427.D
Acq: 16 Aug 2023 17:08

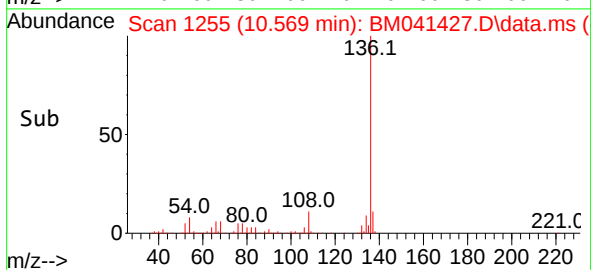
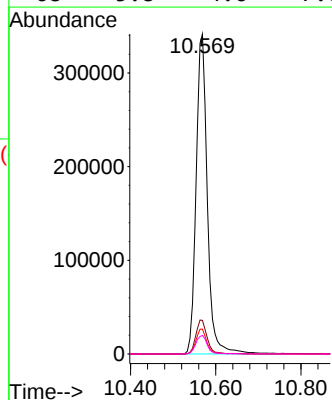
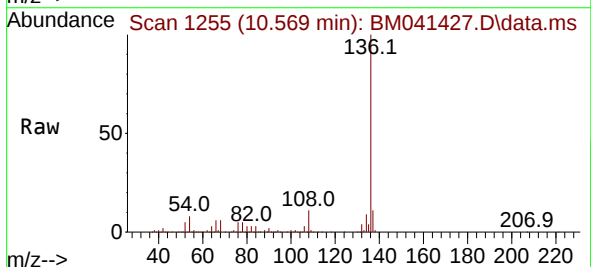
Instrument :
BNA_M
ClientSampleId :
PB154844BL

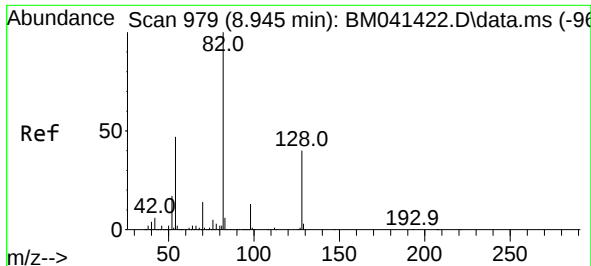
Tgt Ion: 99 Resp: 1790549
Ion Ratio Lower Upper
99 100
42 19.1 15.2 22.8
71 39.6 30.7 46.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BM041427.D
Acq: 16 Aug 2023 17:08

Tgt Ion: 136 Resp: 623080
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.7 5.7 8.5
68 5.8 4.6 7.0





#23

Nitrobenzene-d5

Concen: 88.260 ng

RT: 8.945 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM041427.D

Acq: 16 Aug 2023 17:08

Instrument :

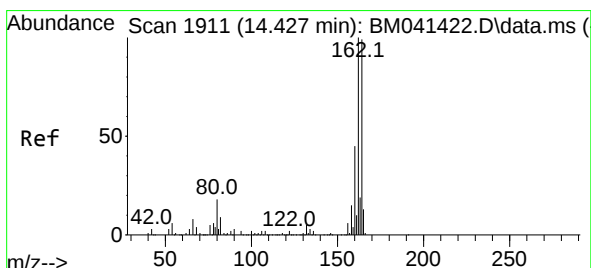
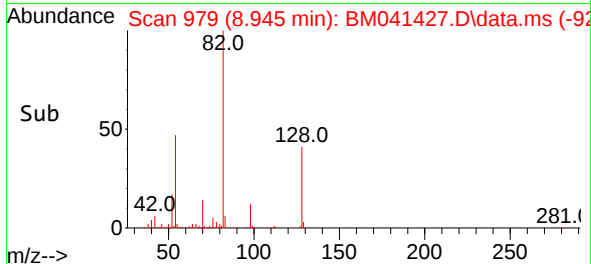
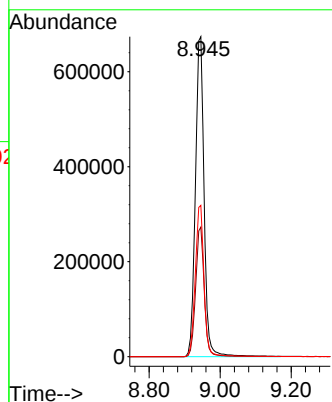
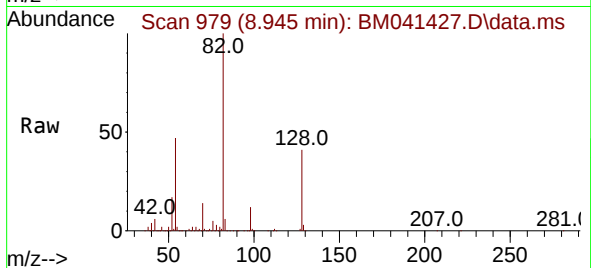
BNA_M

ClientSampleId :

PB154844BL

Tgt Ion: 82 Resp: 1152028

Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.2	48.4
54	47.3	37.5	56.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1911

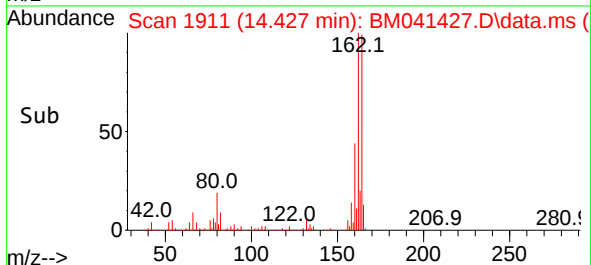
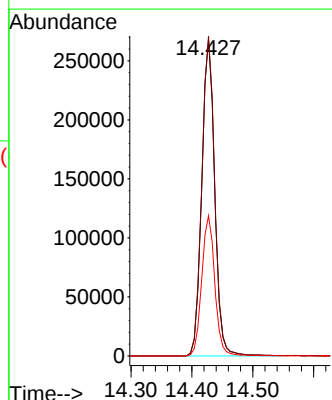
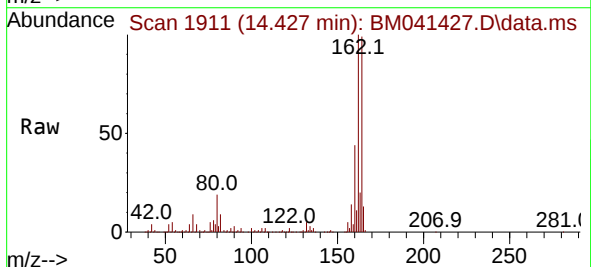
Delta R.T. 0.000 min

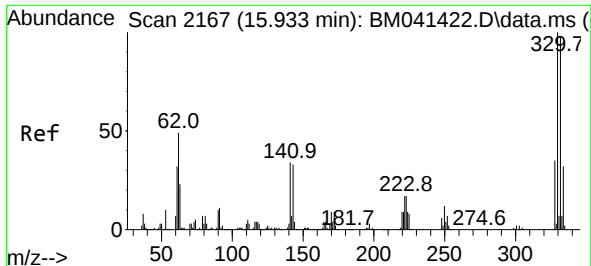
Lab File: BM041427.D

Acq: 16 Aug 2023 17:08

Tgt Ion: 164 Resp: 395524

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.4	120.6
160	44.3	35.9	53.9

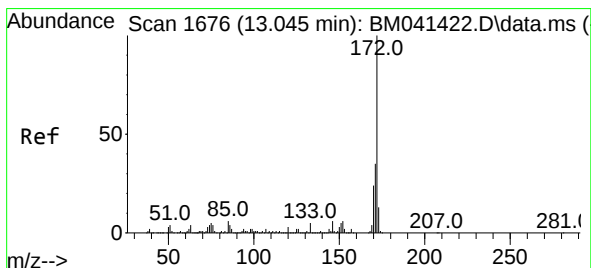
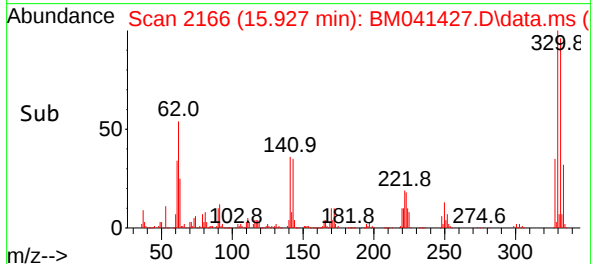
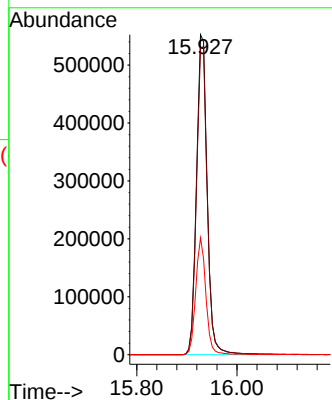
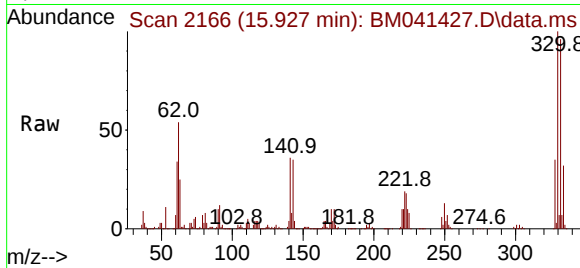




#42
2,4,6-Tribromophenol
Concen: 130.561 ng
RT: 15.927 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BM041427.D
Acq: 16 Aug 2023 17:08

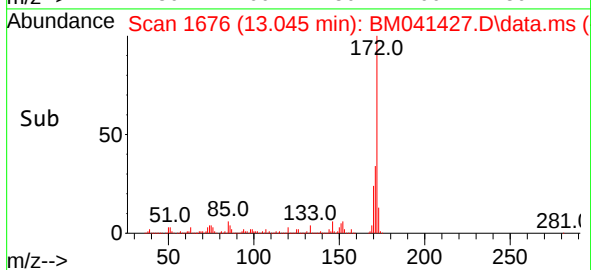
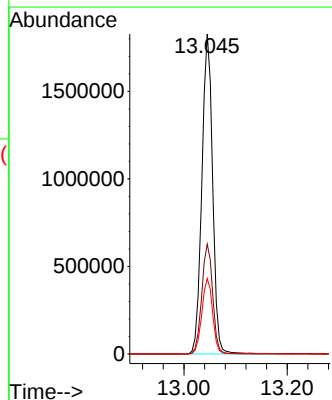
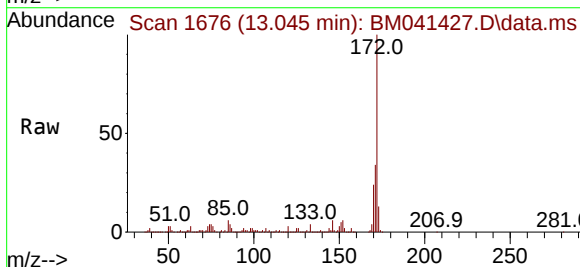
Instrument :
BNA_M
ClientSampleId :
PB154844BL

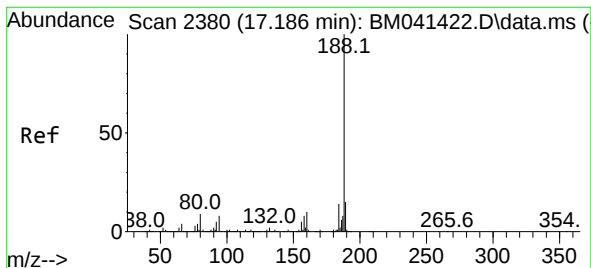
Tgt Ion:330 Resp: 819499
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 34.8 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 89.349 ng
RT: 13.045 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BM041427.D
Acq: 16 Aug 2023 17:08

Tgt Ion:172 Resp: 2637240
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 23.5 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.186 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041427.D

Acq: 16 Aug 2023 17:08

Instrument :

BNA_M

ClientSampleId :

PB154844BL

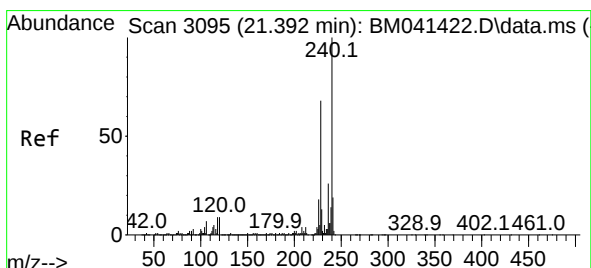
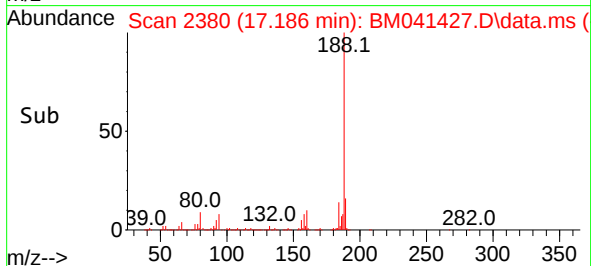
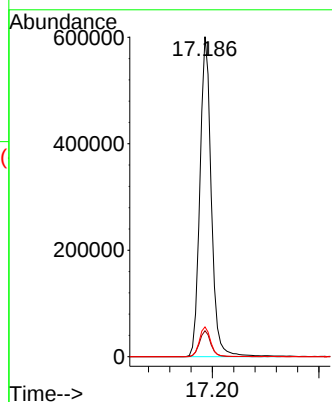
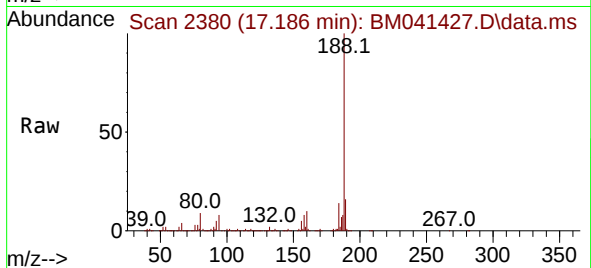
Tgt Ion:188 Resp: 891057

Ion Ratio Lower Upper

188 100

94 8.1 6.6 9.8

80 9.3 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3095

Delta R.T. 0.000 min

Lab File: BM041427.D

Acq: 16 Aug 2023 17:08

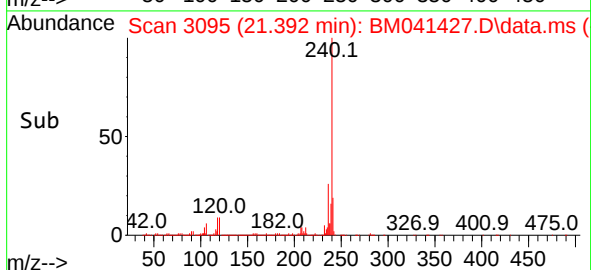
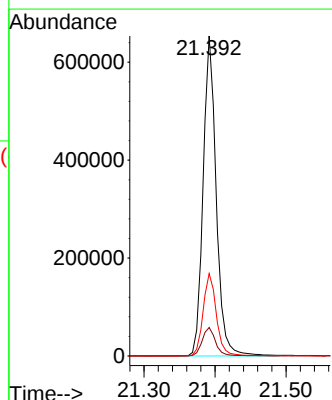
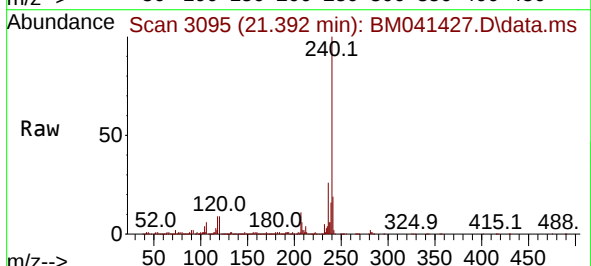
Tgt Ion:240 Resp: 840621

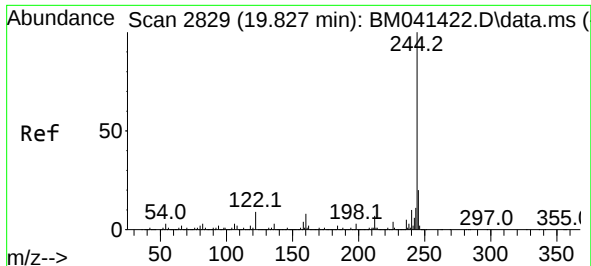
Ion Ratio Lower Upper

240 100

120 8.9 7.4 11.2

236 25.8 20.8 31.2



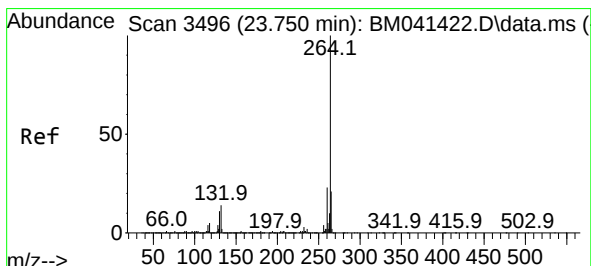
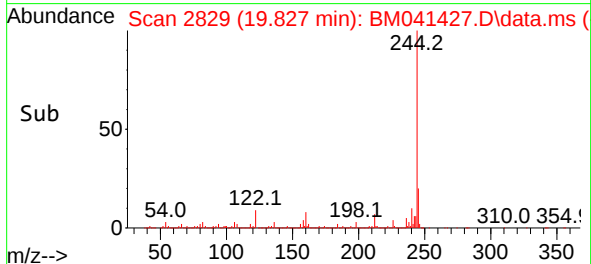
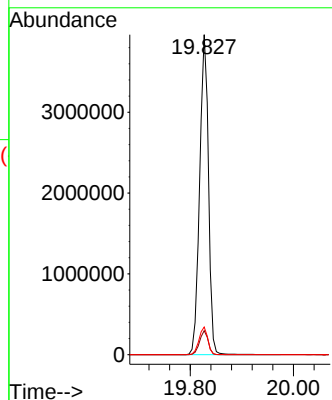
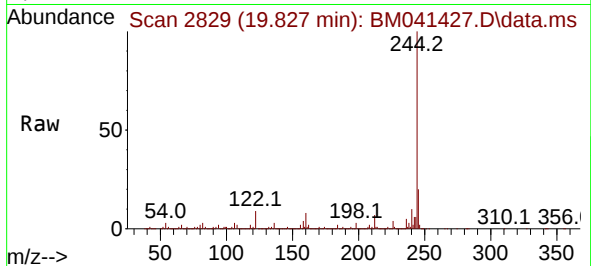


#79
 Terphenyl-d14
 Concen: 96.708 ng
 RT: 19.827 min Scan# 2829
 Delta R.T. 0.000 min
 Lab File: BM041427.D
 Acq: 16 Aug 2023 17:08

Instrument :
 BNA_M
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 PB154844BL

Tgt Ion:244 Resp: 4671649

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	8.6	6.9	10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.750 min Scan# 3496
 Delta R.T. 0.000 min
 Lab File: BM041427.D
 Acq: 16 Aug 2023 17:08

Tgt Ion:264 Resp: 938867

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	22.2	17.5	26.3

