

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020924\
 Data File : BM044032.D
 Acq On : 09 Feb 2024 10:41
 Operator : MA/JU
 Sample : PB158566BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158566BL

Quant Time: Feb 09 11:16:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	422908	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1663389	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	904241	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	1747428	20.000	ng	0.00
76) Chrysene-d12	21.498	240	1268061	20.000	ng	0.00
86) Perylene-d12	23.892	264	1352564	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	3840491	132.079	ng	0.00
7) Phenol-d6	7.081	99	4683057	126.582	ng	0.00
23) Nitrobenzene-d5	9.081	82	2722523	86.851	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1246290	127.296	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	5514500	86.069	ng	0.00
79) Terphenyl-d14	19.945	244	6444714	89.095	ng	0.00

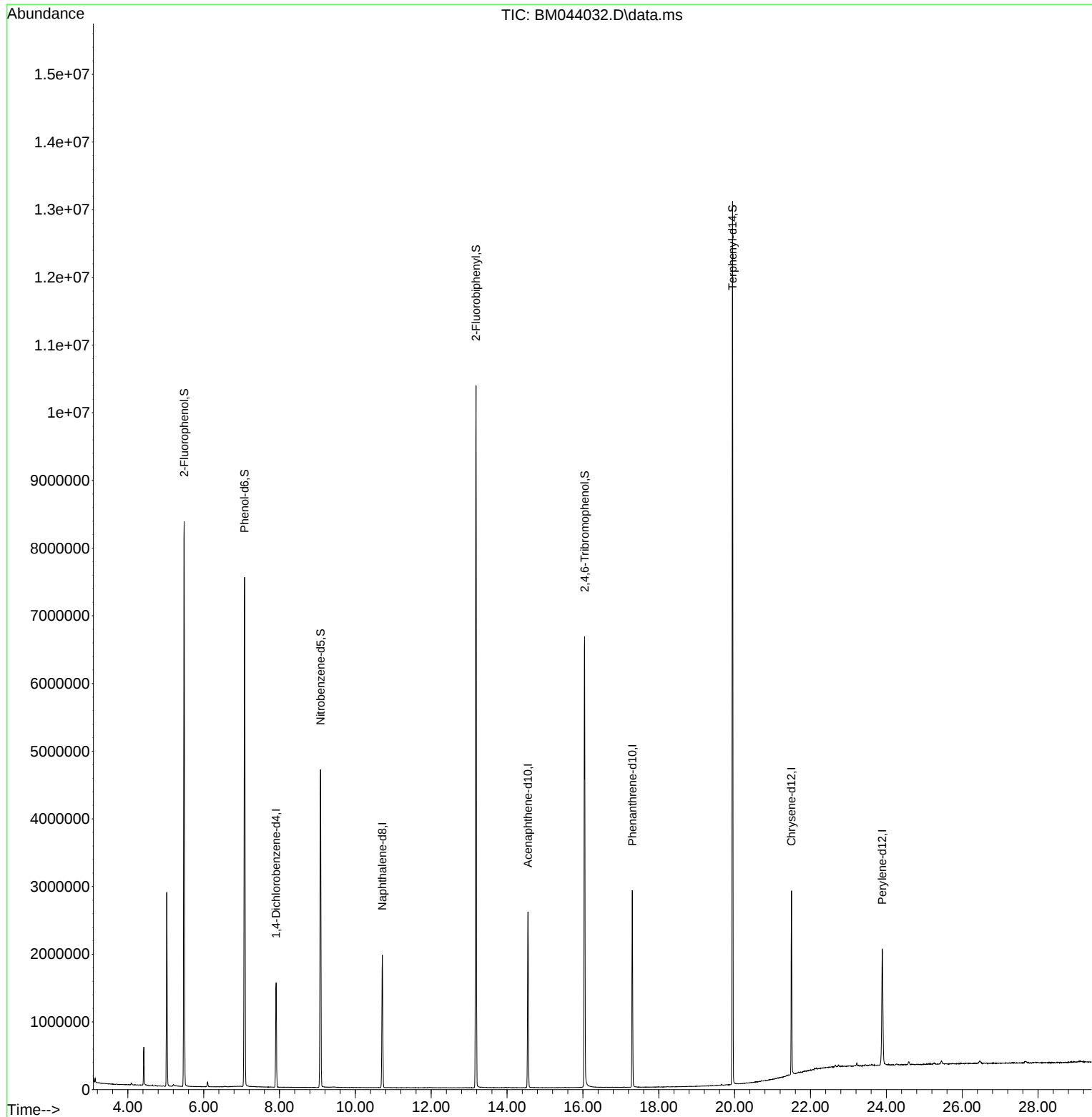
Target Compounds	Qvalue

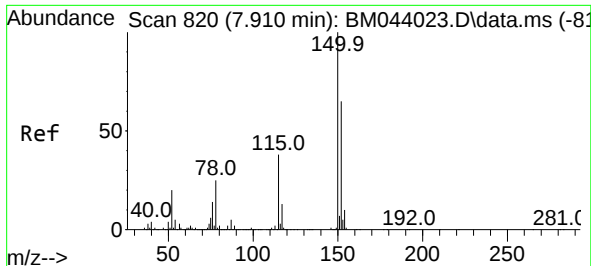
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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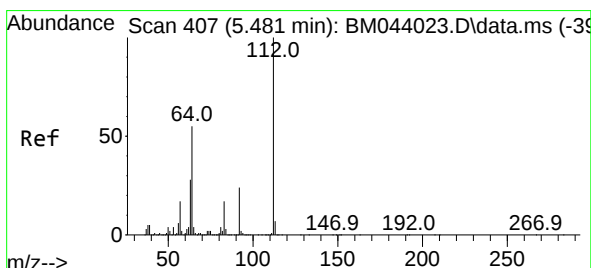
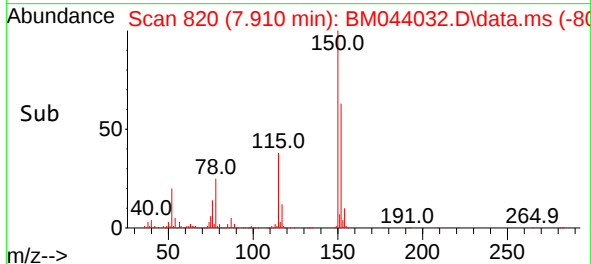
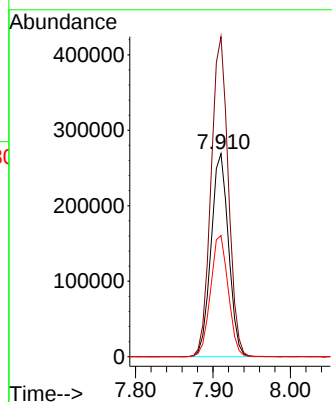
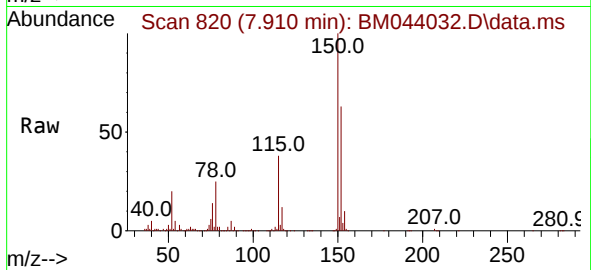


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.910 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM044032.D
 Acq: 09 Feb 2024 10:41

Instrument :
 BNA_M
 ClientSampleId :
 PB158566BL

Tgt Ion:152 Resp: 422908

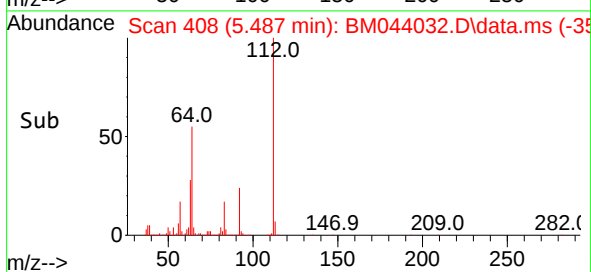
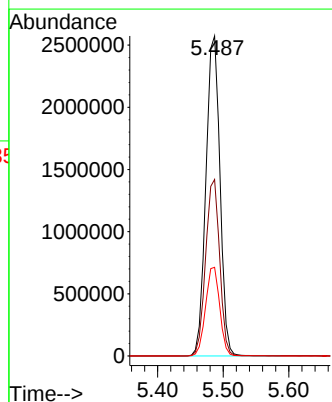
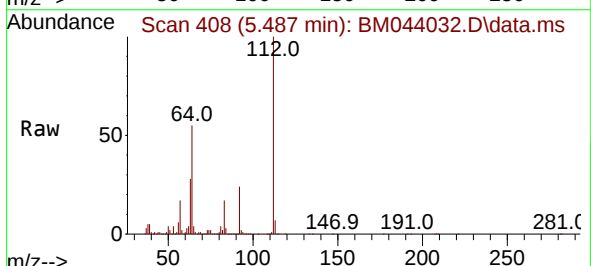
Ion	Ratio	Lower	Upper
152	100		
150	157.6	122.7	184.1
115	59.6	47.0	70.6

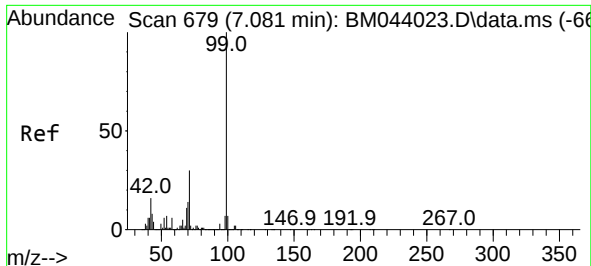


#5
 2-Fluorophenol
 Concen: 132.079 ng
 RT: 5.487 min Scan# 408
 Delta R.T. 0.006 min
 Lab File: BM044032.D
 Acq: 09 Feb 2024 10:41

Tgt Ion:112 Resp: 3840491

Ion	Ratio	Lower	Upper
112	100		
64	55.2	44.2	66.4
63	27.7	22.6	34.0



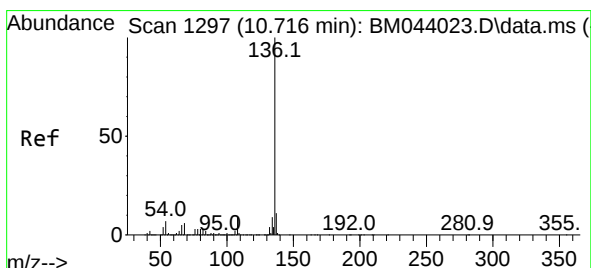
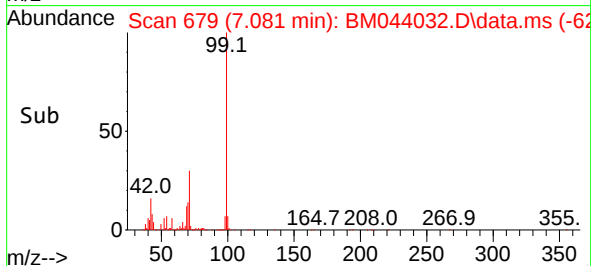
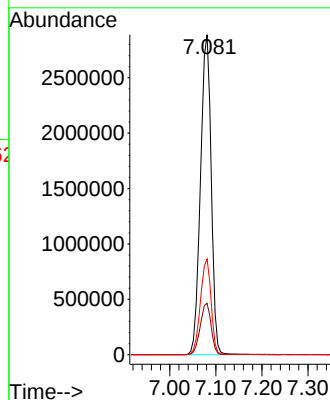
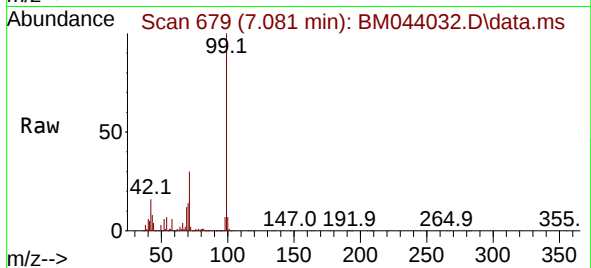


#7
Phenol-d6
Concen: 126.582 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM044032.D
Acq: 09 Feb 2024 10:41

Instrument :
BNA_M
ClientSampleId :
PB158566BL

Tgt Ion: 99 Resp: 4683057

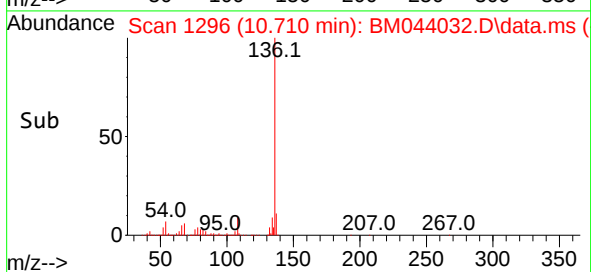
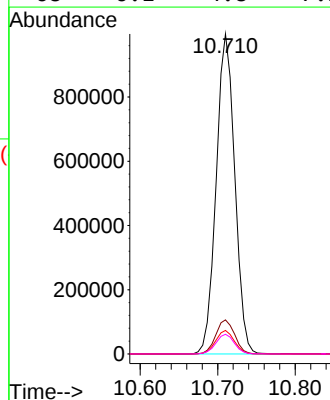
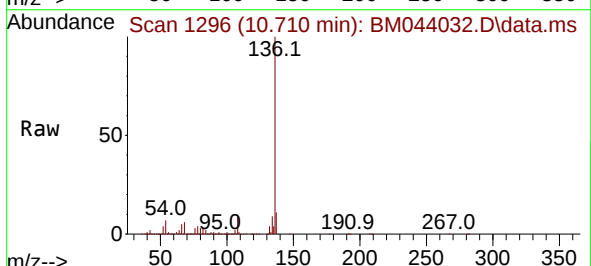
Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.9	19.3
71	29.9	23.9	35.9

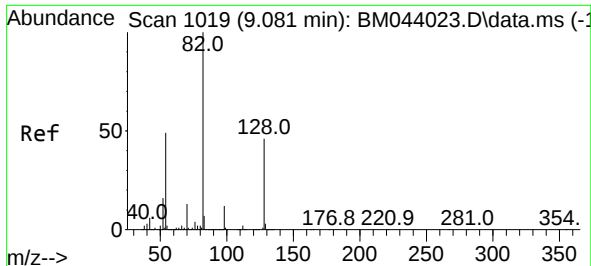


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM044032.D
Acq: 09 Feb 2024 10:41

Tgt Ion:136 Resp: 1663389

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.3	5.9	8.9
68	6.1	4.8	7.2

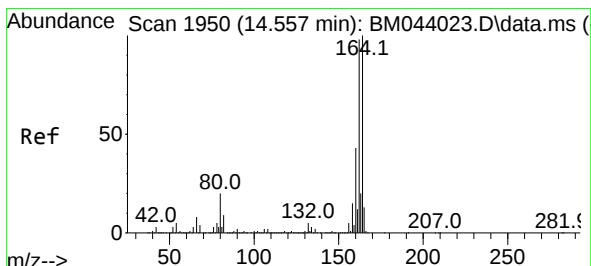
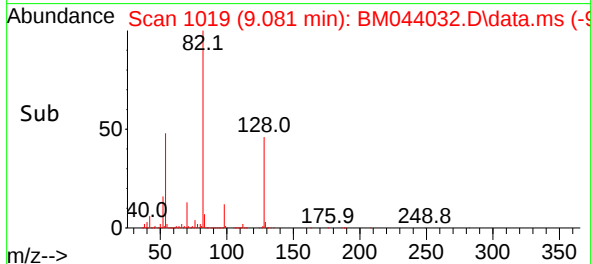
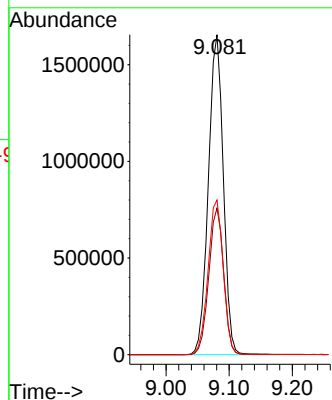
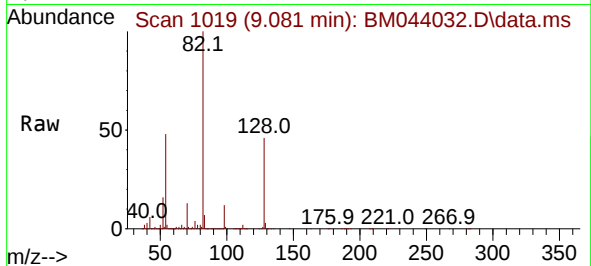




#23
Nitrobenzene-d5
Concen: 86.851 ng
RT: 9.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BM044032.D
Acq: 09 Feb 2024 10:41

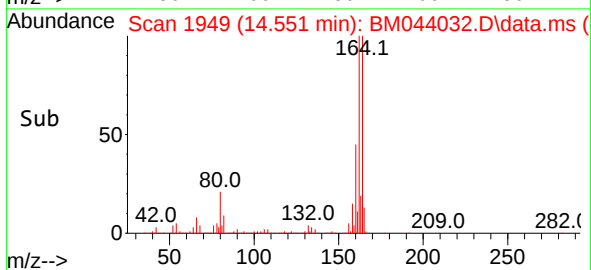
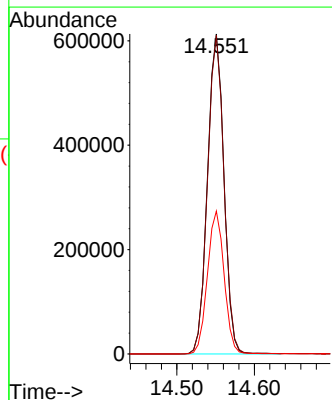
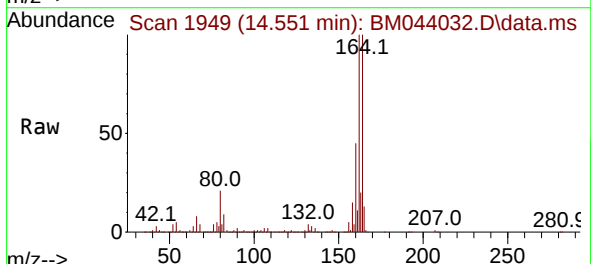
Instrument :
BNA_M
ClientSampleId :
PB158566BL

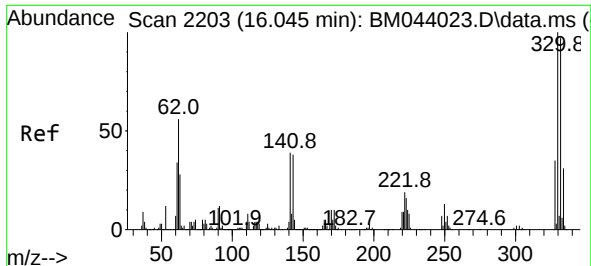
Tgt Ion: 82 Resp: 2722523
Ion Ratio Lower Upper
82 100
128 45.8 37.1 55.7
54 48.3 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM044032.D
Acq: 09 Feb 2024 10:41

Tgt Ion:164 Resp: 904241
Ion Ratio Lower Upper
164 100
162 99.6 78.4 117.6
160 44.7 34.6 51.8

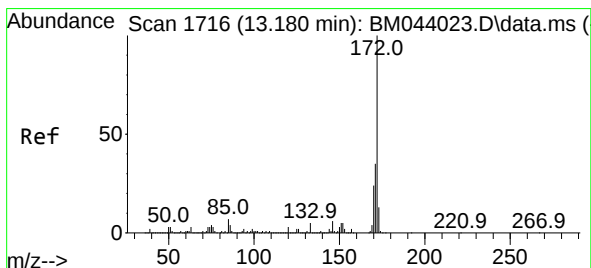
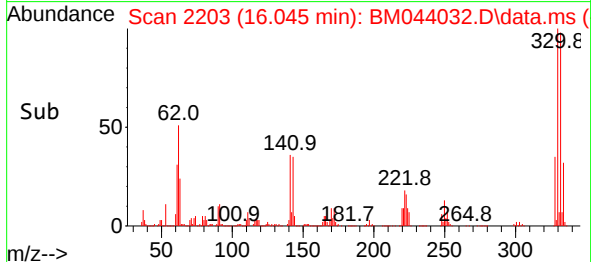
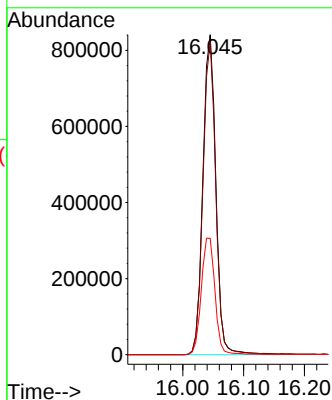
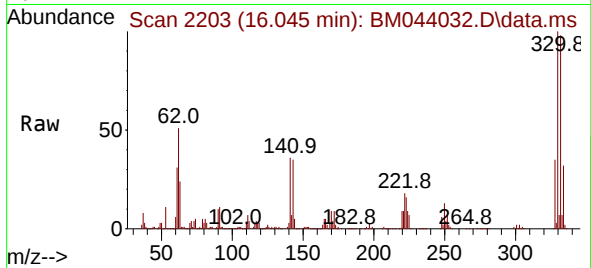




#42
 2,4,6-Tribromophenol
 Concen: 127.296 ng
 RT: 16.045 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM044032.D
 Acq: 09 Feb 2024 10:41

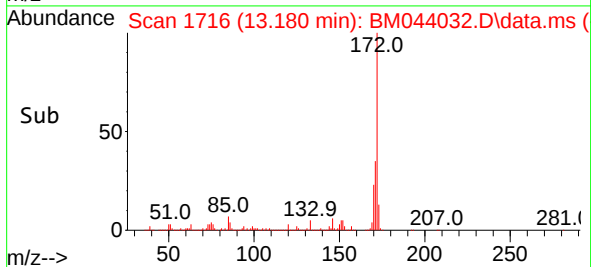
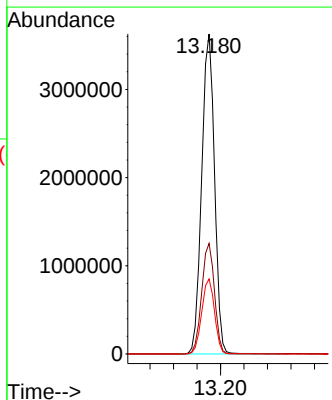
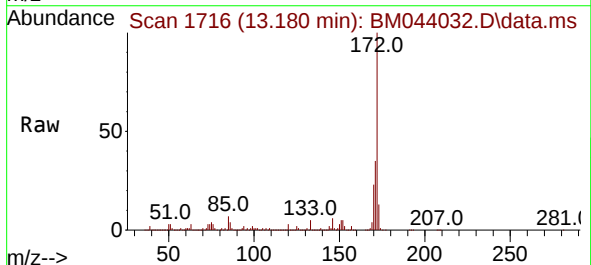
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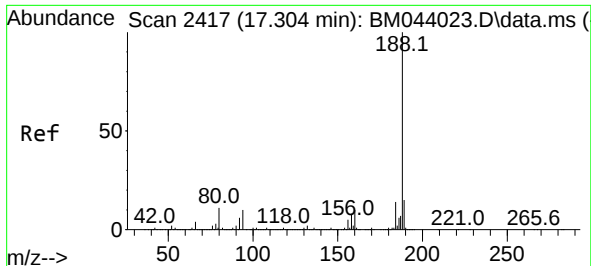
Tgt Ion:330 Resp: 1246290
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.7 116.5
 141 38.6 31.0 46.4



#45
 2-Fluorobiphenyl
 Concen: 86.069 ng
 RT: 13.180 min Scan# 1716
 Delta R.T. 0.000 min
 Lab File: BM044032.D
 Acq: 09 Feb 2024 10:41

Tgt Ion:172 Resp: 5514500
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.9 41.9
 170 23.4 19.0 28.4

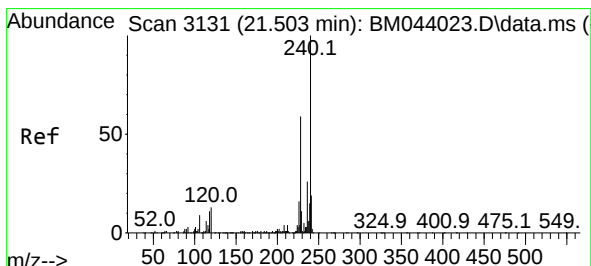
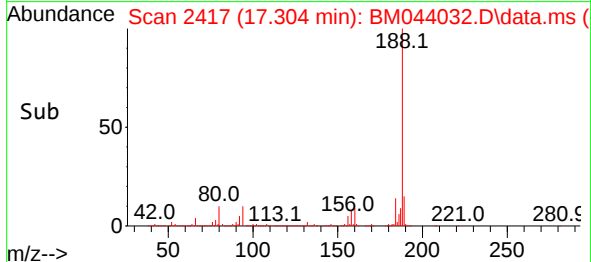
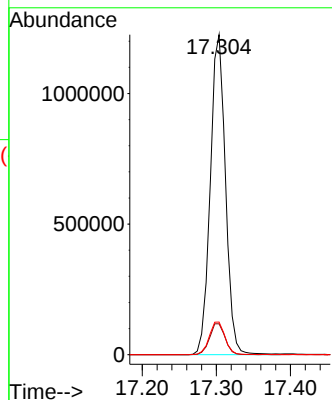
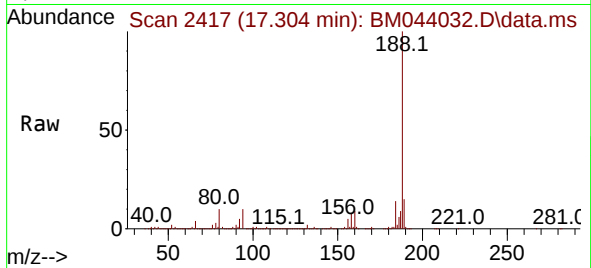




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM044032.D
Acq: 09 Feb 2024 10:41

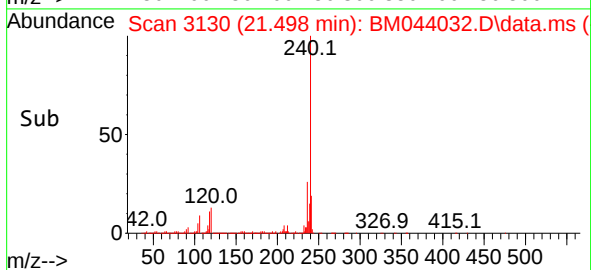
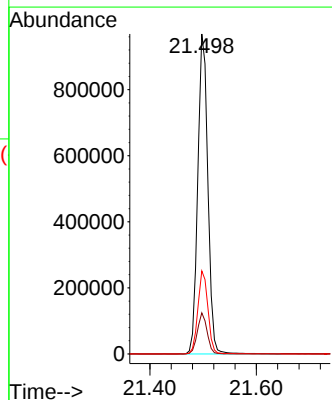
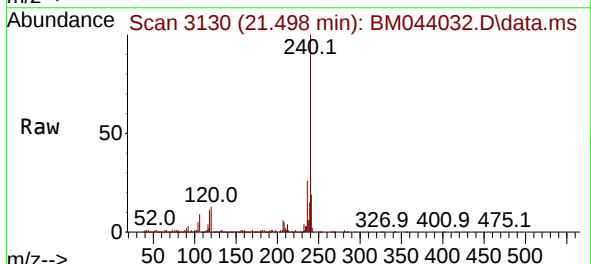
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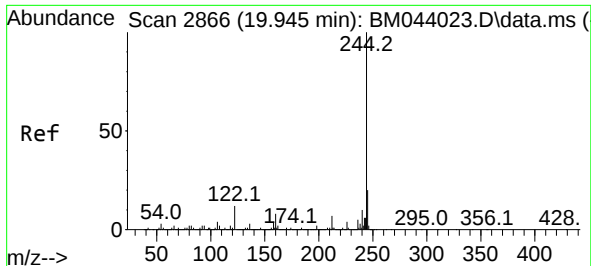
Tgt Ion:188 Resp: 1747428
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 10.2 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.498 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM044032.D
Acq: 09 Feb 2024 10:41

Tgt Ion:240 Resp: 1268061
Ion Ratio Lower Upper
240 100
120 12.9 10.1 15.1
236 25.9 20.6 31.0

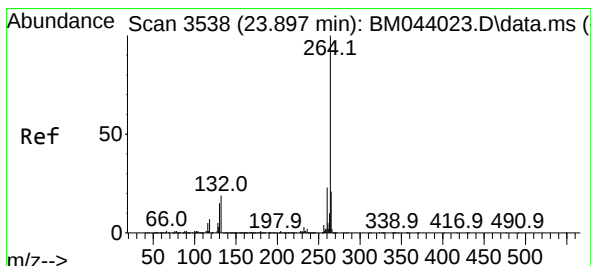
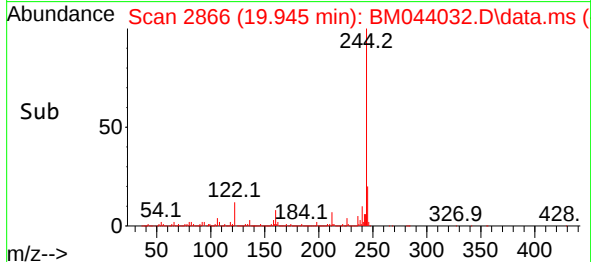
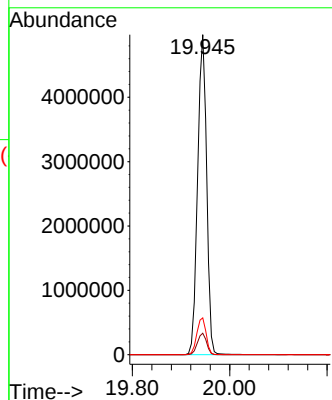
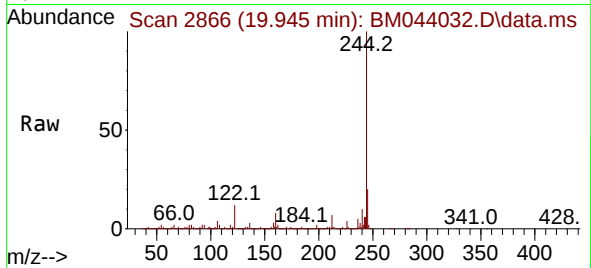




#79
 Terphenyl-d14
 Concen: 89.095 ng
 RT: 19.945 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM044032.D
 Acq: 09 Feb 2024 10:41

Instrument :
 BNA_M
 ClientSampleId :
 PB158566BL

Tgt Ion:244 Resp: 6444714
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.5 9.5 14.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.892 min Scan# 3537
 Delta R.T. -0.006 min
 Lab File: BM044032.D
 Acq: 09 Feb 2024 10:41

Tgt Ion:264 Resp: 1352564
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 21.9 17.3 25.9

