

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110821\
 Data File : BM032901.D
 Acq On : 08 Nov 2021 18:53
 Operator : CG/JU
 Sample : M4477-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 T1-EP01-N

Quant Time: Nov 09 00:25:01 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 16:07:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.484	152	85622	20.000	ng	0.00
21) Naphthalene-d8	10.266	136	387556	20.000	ng	# 0.00
39) Acenaphthene-d10	14.142	164	274706	20.000	ng	-0.01
64) Phenanthrene-d10	16.883	188	605233	20.000	ng	-0.01
76) Chrysene-d12	21.065	240	642341	20.000	ng	-0.01
86) Perylene-d12	23.177	264	635400	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.078	112	846580	172.376	ng	0.00
7) Phenol-d6	6.690	99	1135879	155.307	ng	0.00
23) Nitrobenzene-d5	8.637	82	690577	97.527	ng	-0.01
42) 2,4,6-Tribromophenol	15.642	330	449928	146.245	ng	0.00
45) 2-Fluorobiphenyl	12.760	172	1714832	96.819	ng	0.00
79) Terphenyl-d14	19.513	244	2640495	89.748	ng	-0.01

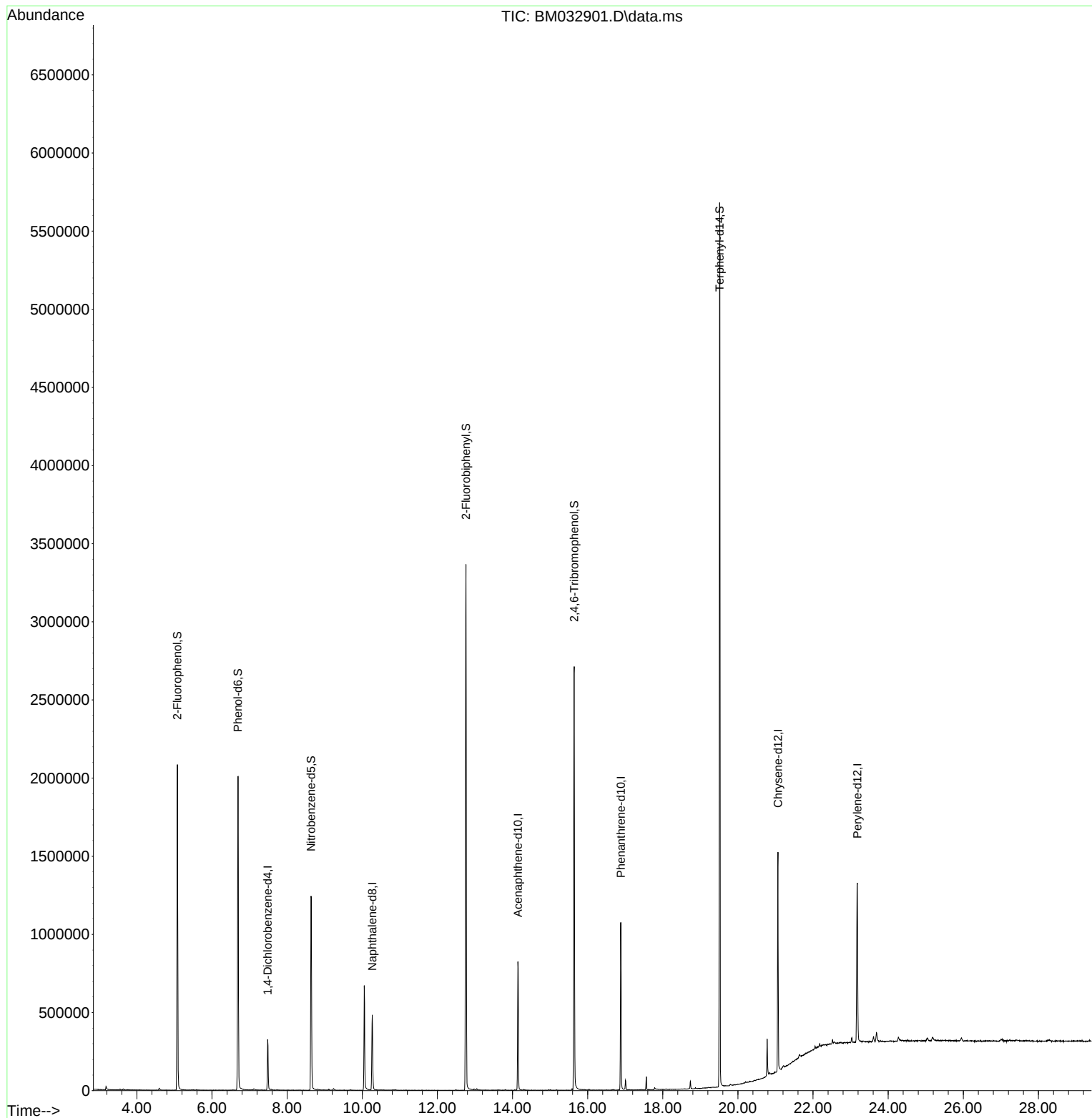
Target Compounds	Qvalue

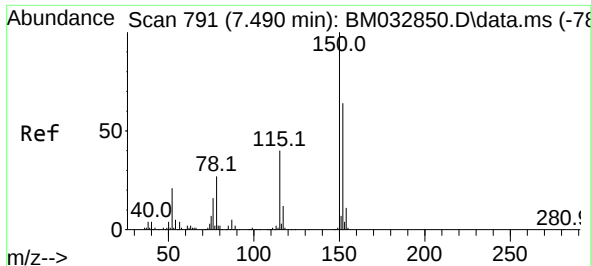
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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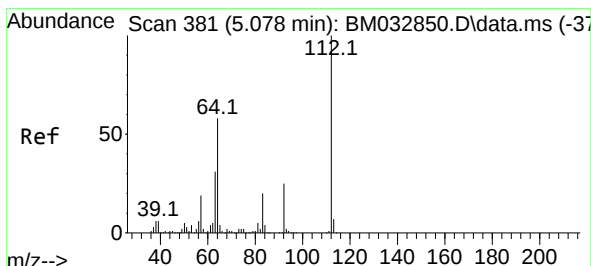
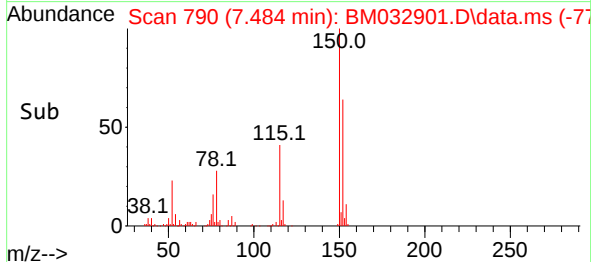
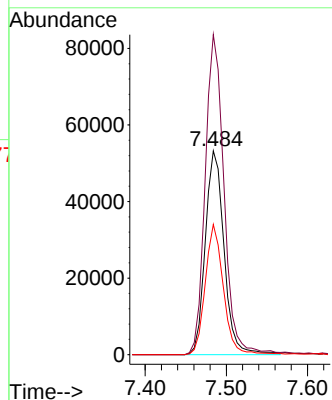
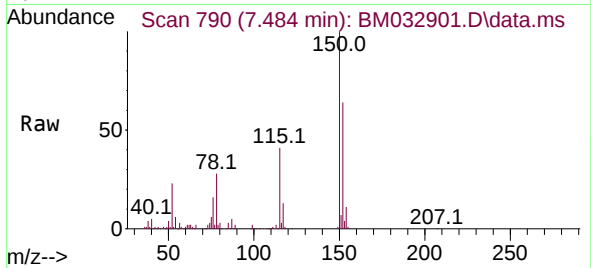




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.484 min Scan# 791
Delta R.T. -0.006 min
Lab File: BM032901.D
Acq: 08 Nov 2021 18:53

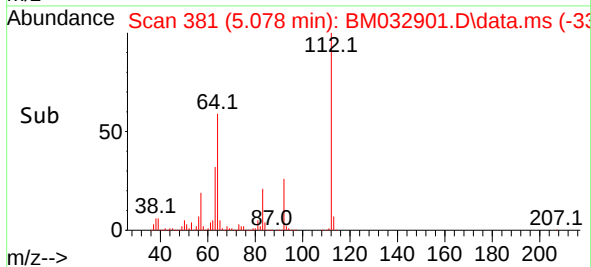
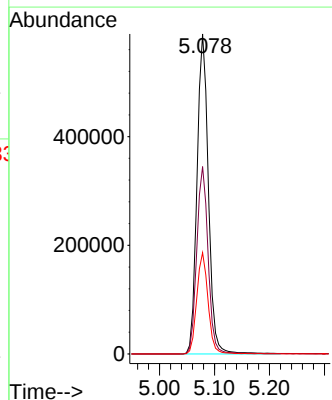
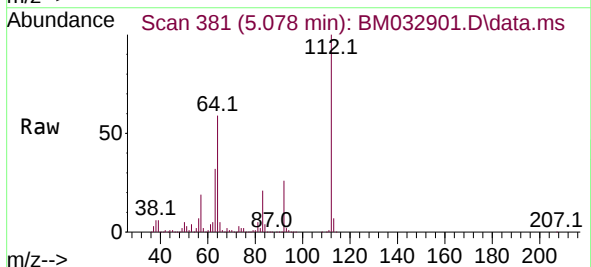
Instrument :
BNA_M
ClientSampleId :
T1-EP01-N

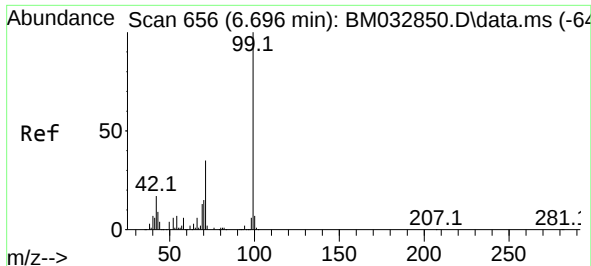
Tgt Ion:152 Resp: 85622
Ion Ratio Lower Upper
152 100
150 157.0 122.4 183.6
115 63.9 53.8 80.8



#5
2-Fluorophenol
Concen: 172.376 ng
RT: 5.078 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM032901.D
Acq: 08 Nov 2021 18:53

Tgt Ion:112 Resp: 846580
Ion Ratio Lower Upper
112 100
64 58.6 53.7 80.5
63 31.7 33.9 50.9#

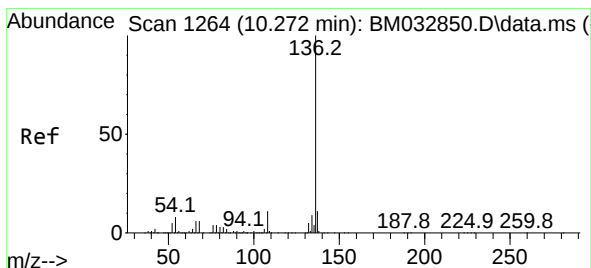
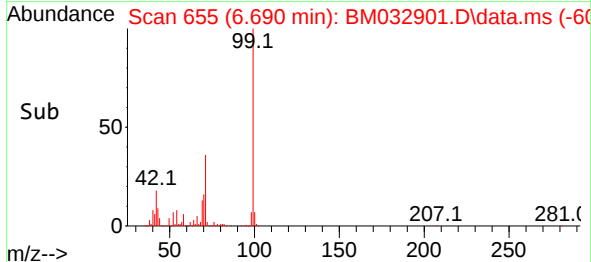
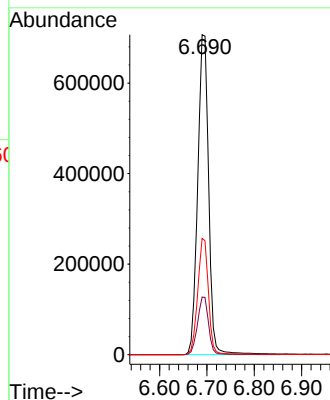
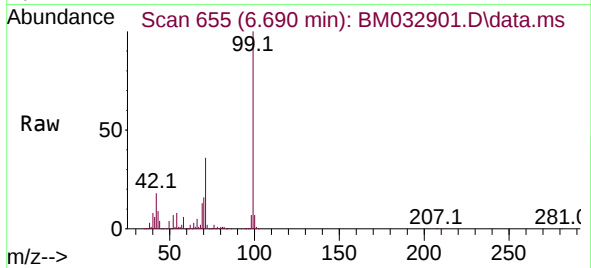




#7
Phenol-d6
Concen: 155.307 ng
RT: 6.690 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM032901.D
Acq: 08 Nov 2021 18:53

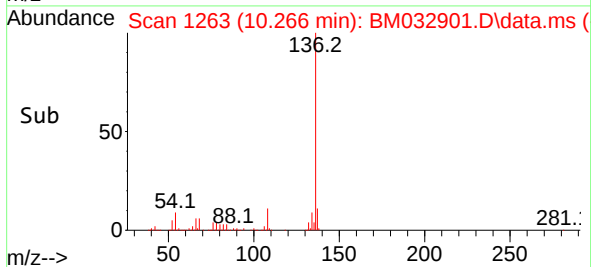
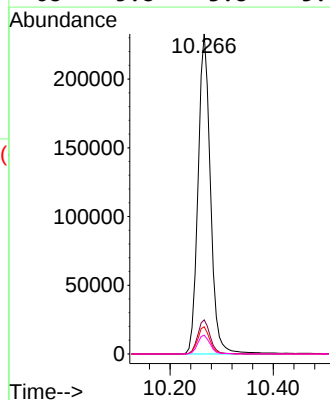
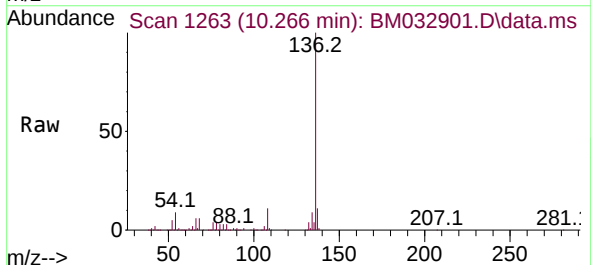
Instrument :
BNA_M
ClientSampleId :
T1-EP01-N

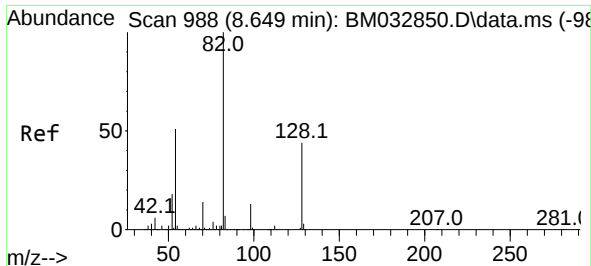
Tgt Ion: 99 Resp: 1135879
Ion Ratio Lower Upper
99 100
42 18.0 23.0 34.6#
71 36.4 37.8 56.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.266 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BM032901.D
Acq: 08 Nov 2021 18:53

Tgt Ion: 136 Resp: 387556
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 8.5 7.4 11.0
68 5.8 3.8 5.8#

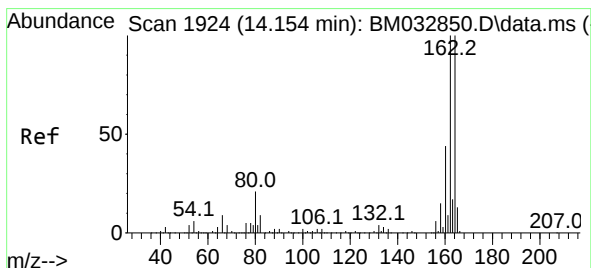
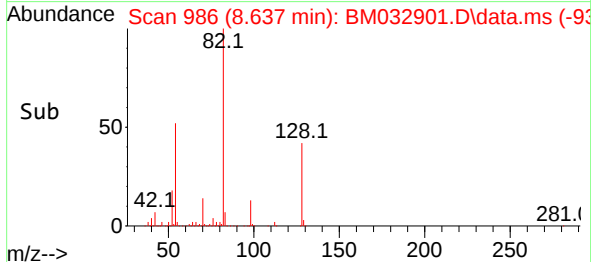
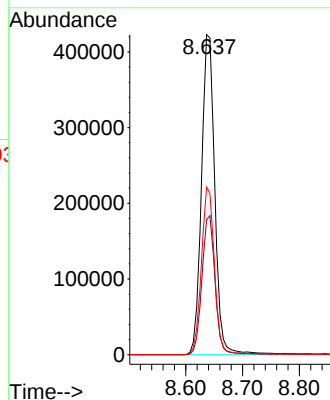
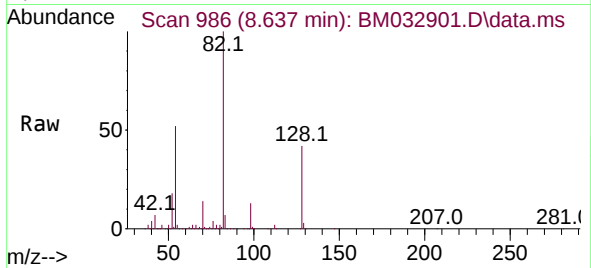




#23
Nitrobenzene-d5
Concen: 97.527 ng
RT: 8.637 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM032901.D
Acq: 08 Nov 2021 18:53

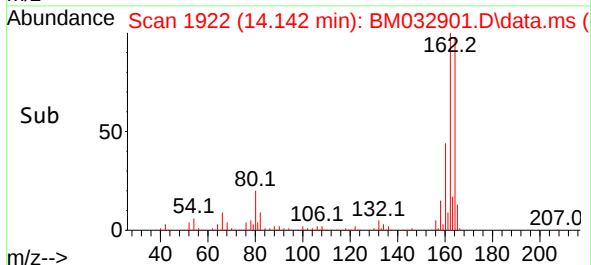
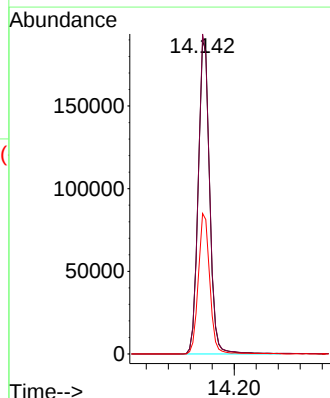
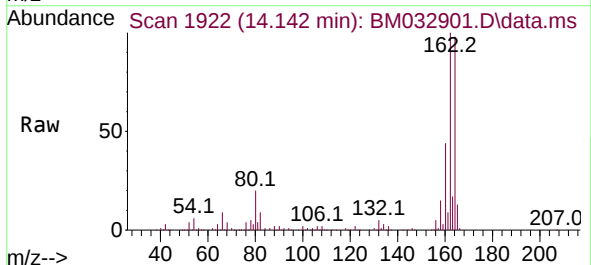
Instrument :
BNA_M
ClientSampleId :
T1-EP01-N

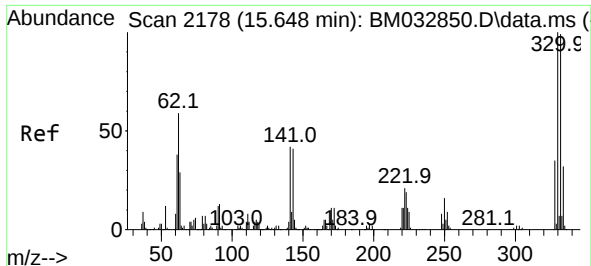
Tgt Ion: 82 Resp: 690577
Ion Ratio Lower Upper
82 100
128 42.2 29.0 43.6
54 52.4 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.142 min Scan# 1922
Delta R.T. -0.012 min
Lab File: BM032901.D
Acq: 08 Nov 2021 18:53

Tgt Ion: 164 Resp: 274706
Ion Ratio Lower Upper
164 100
162 102.2 80.6 121.0
160 44.9 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 146.245 ng

RT: 15.642 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM032901.D

Acq: 08 Nov 2021 18:53

Instrument :

BNA_M

ClientSampleId :

T1-EP01-N

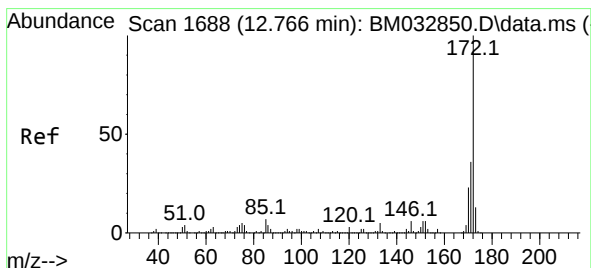
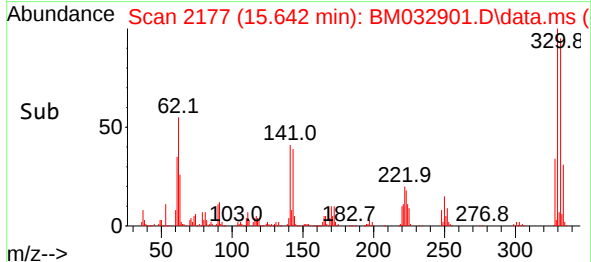
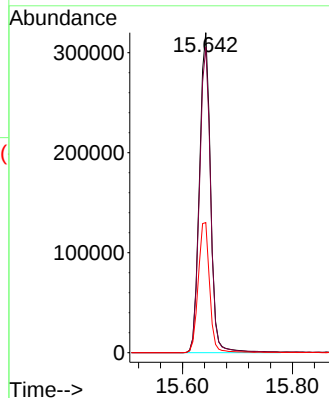
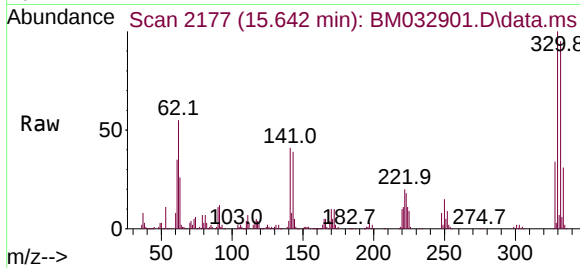
Tgt Ion:330 Resp: 449928

Ion Ratio Lower Upper

330 100

332 95.9 75.7 113.5

141 41.6 50.7 76.1#



#45

2-Fluorobiphenyl

Concen: 96.819 ng

RT: 12.760 min Scan# 1687

Delta R.T. -0.006 min

Lab File: BM032901.D

Acq: 08 Nov 2021 18:53

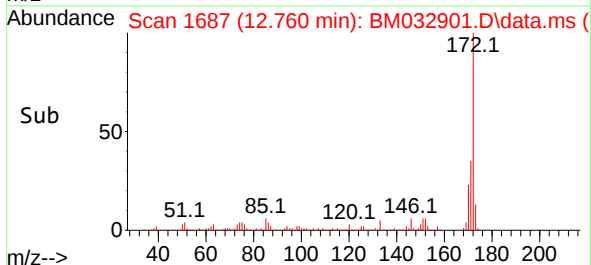
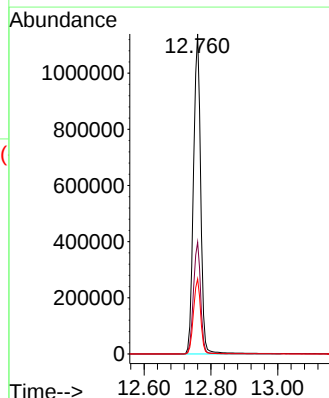
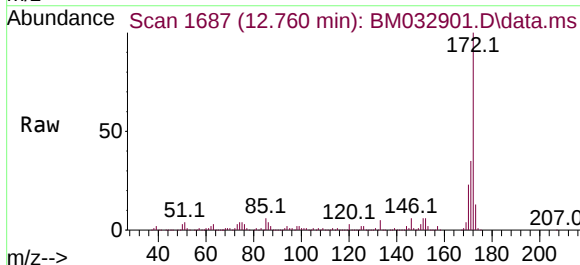
Tgt Ion:172 Resp: 1714832

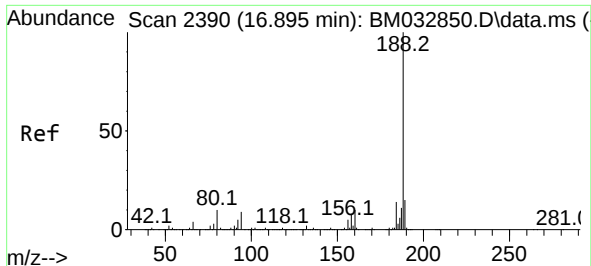
Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.5 18.6 27.8

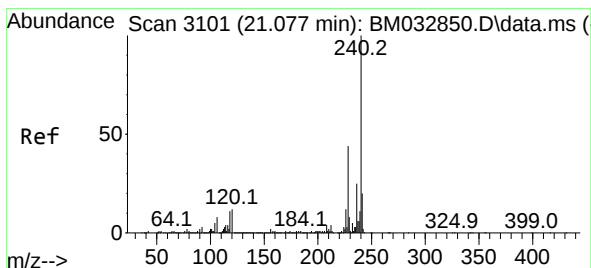
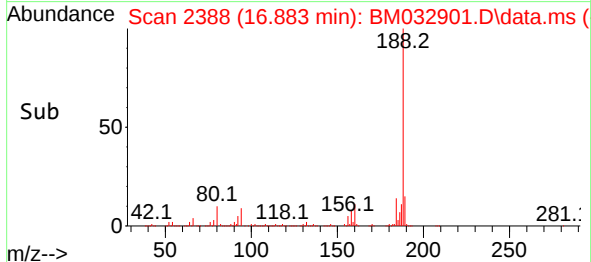
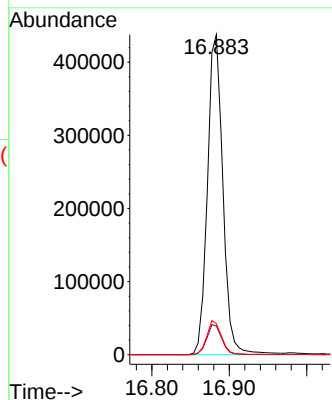
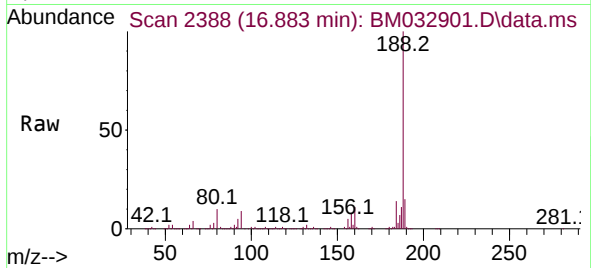




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.883 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM032901.D
Acq: 08 Nov 2021 18:53

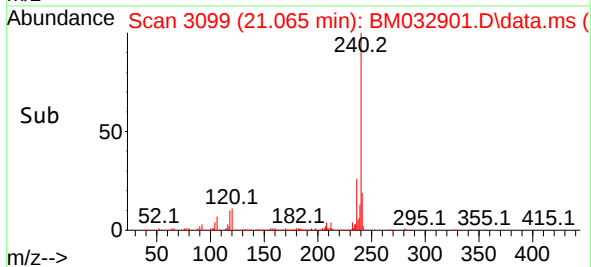
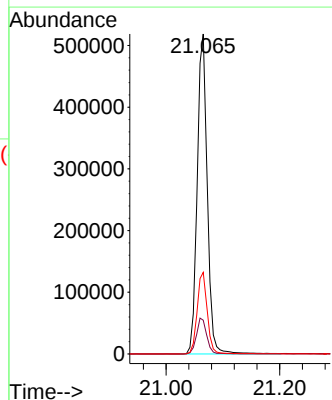
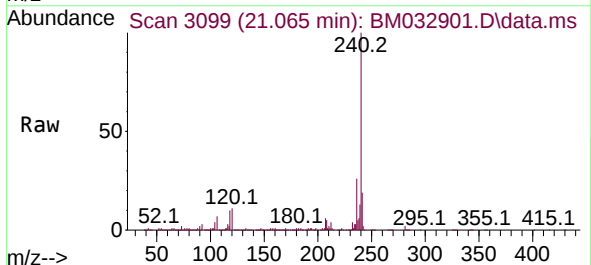
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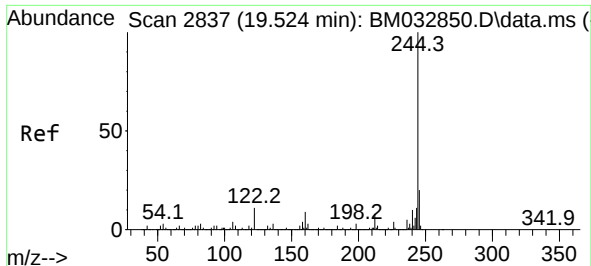
Tgt Ion:188 Resp: 605233
Ion Ratio Lower Upper
188 100
94 9.0 6.3 9.5
80 9.7 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.065 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BM032901.D
Acq: 08 Nov 2021 18:53

Tgt Ion:240 Resp: 642341
Ion Ratio Lower Upper
240 100
120 10.6 7.8 11.6
236 25.5 20.9 31.3

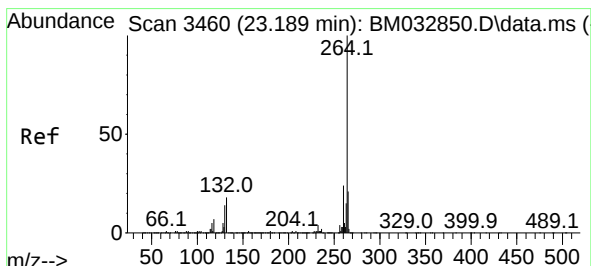
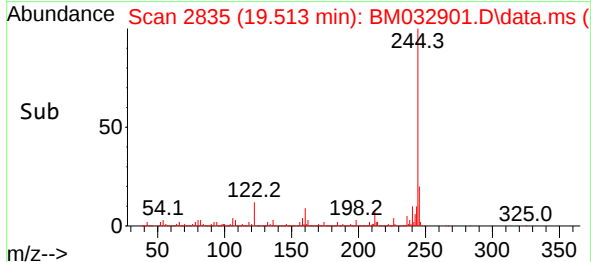
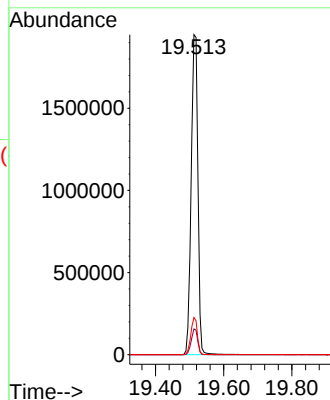
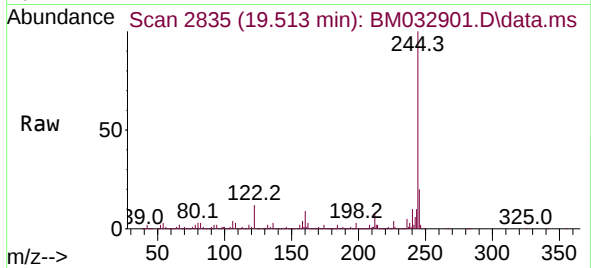




#79
 Terphenyl-d14
 Concen: 89.748 ng
 RT: 19.513 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM032901.D
 Acq: 08 Nov 2021 18:53

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:244 Resp: 2640495
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 11.6 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.177 min Scan# 3458
 Delta R.T. -0.012 min
 Lab File: BM032901.D
 Acq: 08 Nov 2021 18:53

Tgt Ion:264 Resp: 635400
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 21.9 18.3 27.5

