

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110321\
 Data File : BM032859.D
 Acq On : 03 Nov 2021 11:19
 Operator : CG/JU
 Sample : PB140340BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB140340BL

Quant Time: Nov 03 12:00:01 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	7.490	152	93773	20.000	ng	0.00
21) Naphthalene-d8	10.272	136	402620	20.000	ng	# 0.00
39) Acenaphthene-d10	14.148	164	296234	20.000	ng	0.00
64) Phenanthrene-d10	16.889	188	676825	20.000	ng	0.00
76) Chrysene-d12	21.071	240	703026	20.000	ng	0.00
86) Perylene-d12	23.183	264	721275	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.084	112	882979	164.160	ng	0.00
7) Phenol-d6	6.695	99	1158743	144.661	ng	0.00
23) Nitrobenzene-d5	8.642	82	714038	97.067	ng	0.00
42) 2,4,6-Tribromophenol	15.648	330	492839	148.552	ng	0.00
45) 2-Fluorobiphenyl	12.766	172	1782019	93.301	ng	0.00
79) Terphenyl-d14	19.518	244	2949559	91.599	ng	0.00

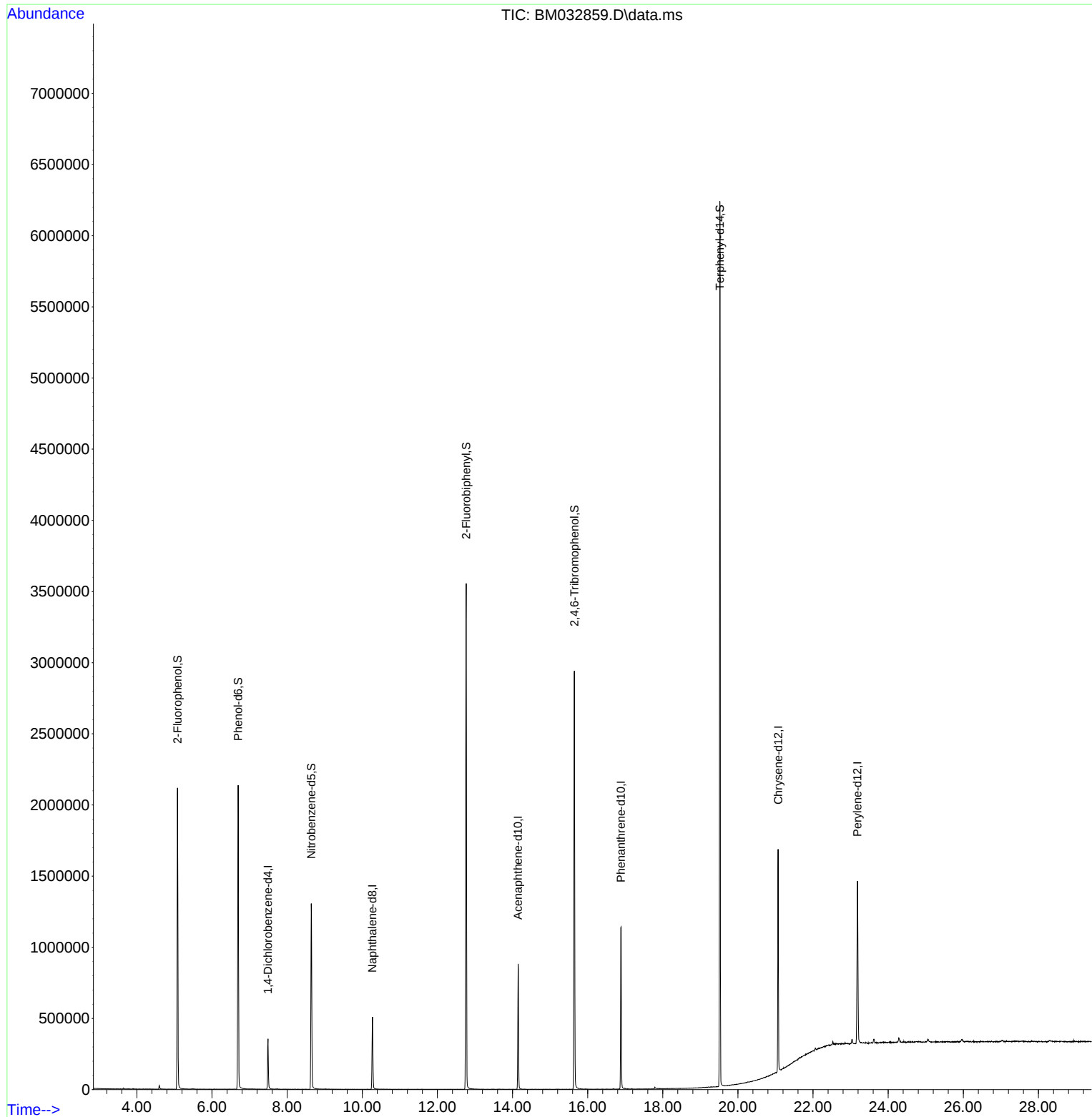
Target Compounds	Qvalue

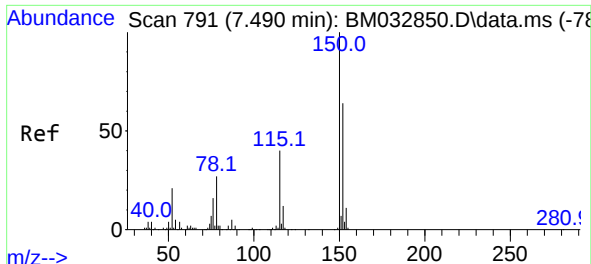
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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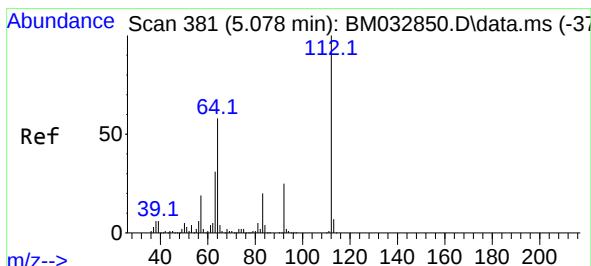
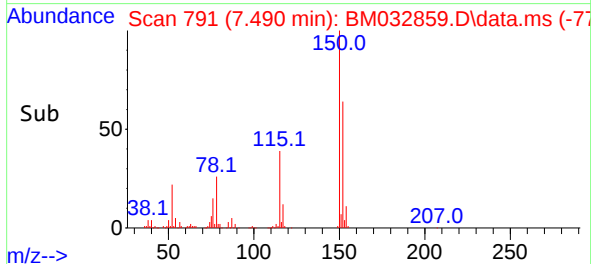
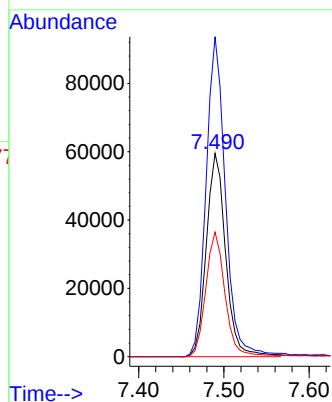
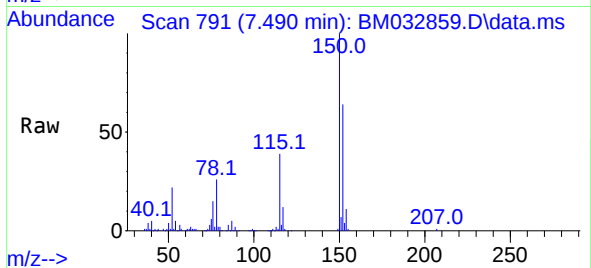




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.490 min Scan# 791
Delta R.T. -0.000 min
Lab File: BM032859.D
Acq: 03 Nov 2021 11:19

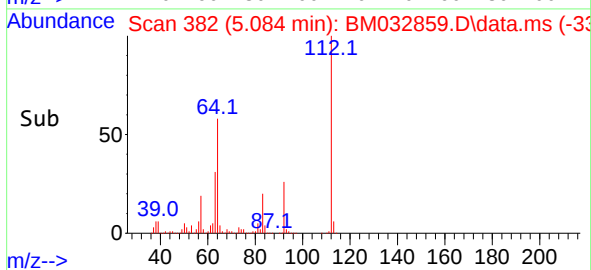
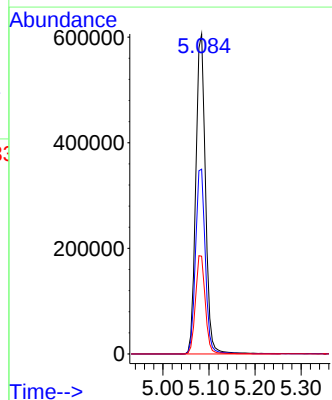
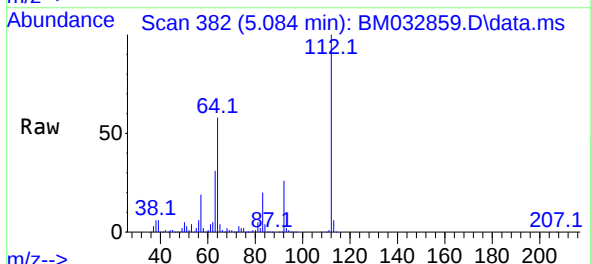
Instrument :
BNA_M
ClientSampleId :
PB140340BL

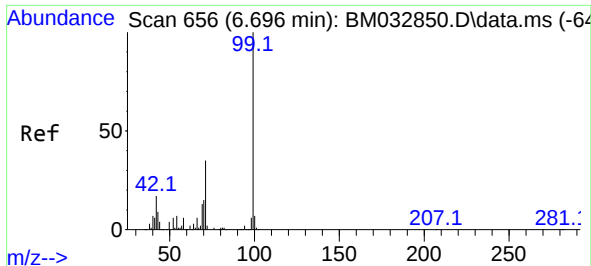
Tgt Ion:152 Resp: 93773
Ion Ratio Lower Upper
152 100
150 157.4 122.4 183.6
115 61.2 53.8 80.8



#5
2-Fluorophenol
Concen: 164.160 ng
RT: 5.084 min Scan# 382
Delta R.T. 0.006 min
Lab File: BM032859.D
Acq: 03 Nov 2021 11:19

Tgt Ion:112 Resp: 882979
Ion Ratio Lower Upper
112 100
64 57.8 53.7 80.5
63 30.5 33.9 50.9#

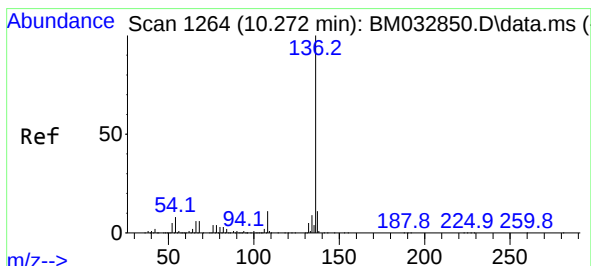
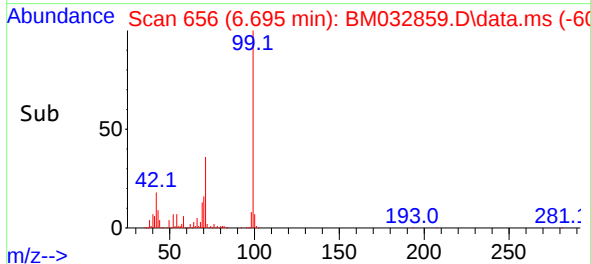
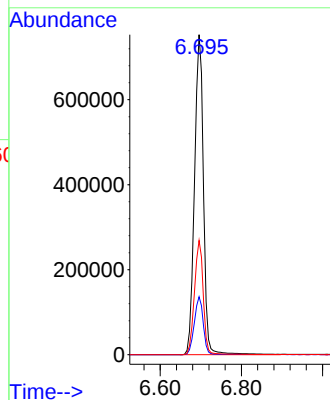
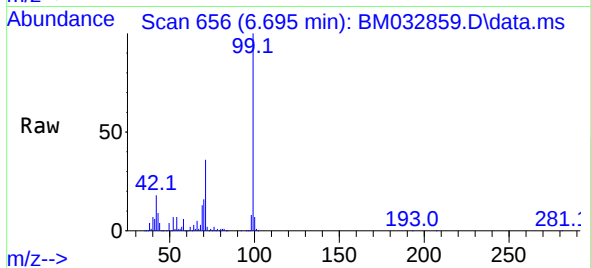




#7
Phenol-d6
Concen: 144.661 ng
RT: 6.695 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM032859.D
Acq: 03 Nov 2021 11:19

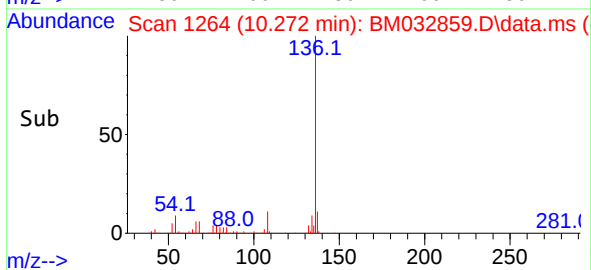
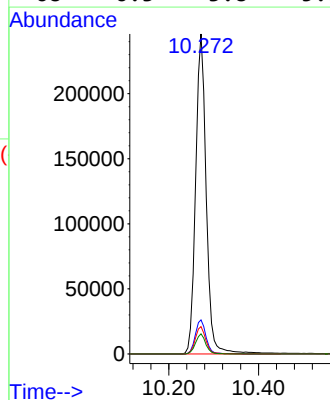
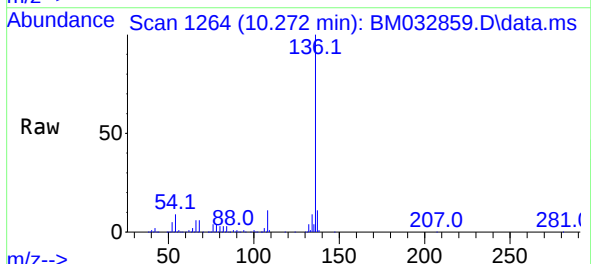
Instrument :
BNA_M
ClientSampleId :
PB140340BL

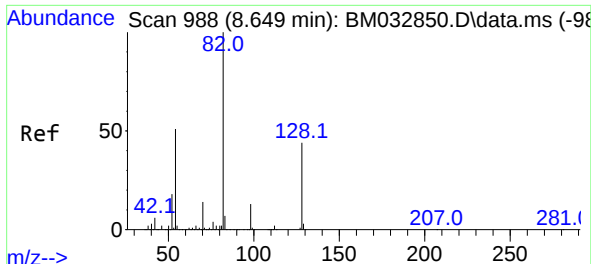
Tgt Ion: 99 Resp: 1158743
Ion Ratio Lower Upper
99 100
42 18.1 23.0 34.6#
71 35.7 37.8 56.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.272 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BM032859.D
Acq: 03 Nov 2021 11:19

Tgt Ion: 136 Resp: 402620
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 8.5 7.4 11.0
68 6.3 3.8 5.8#

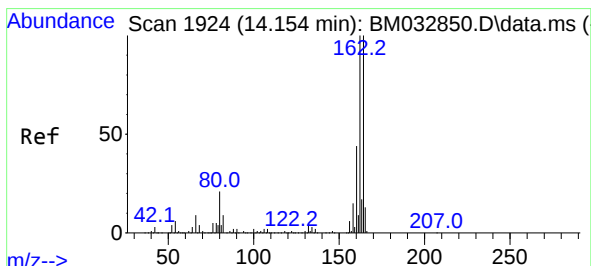
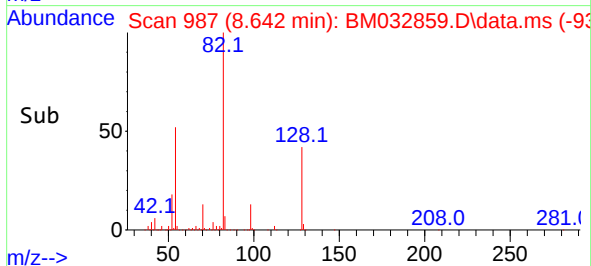
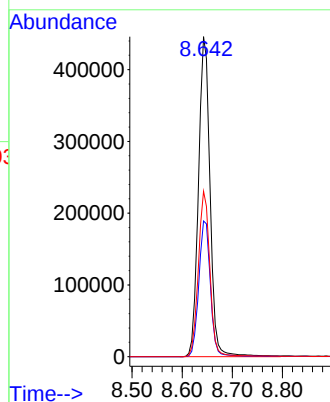
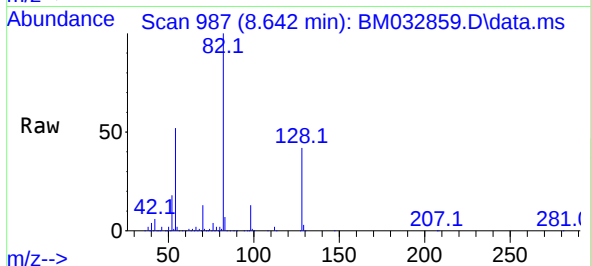




#23
Nitrobenzene-d5
Concen: 97.067 ng
RT: 8.642 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM032859.D
Acq: 03 Nov 2021 11:19

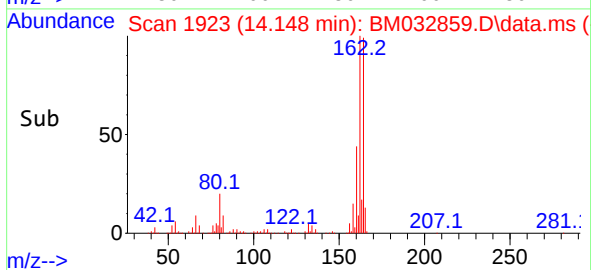
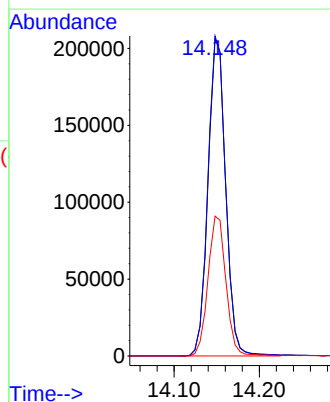
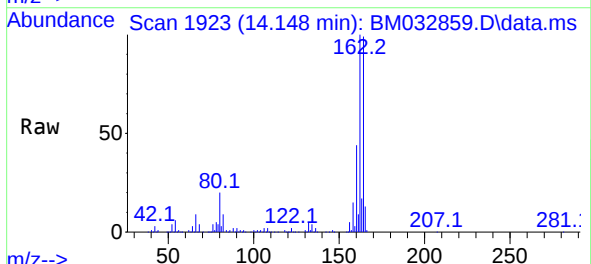
Instrument :
BNA_M
ClientSampleId :
PB140340BL

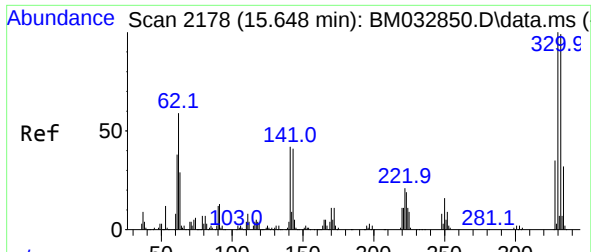
Tgt Ion: 82 Resp: 714038
Ion Ratio Lower Upper
82 100
128 42.4 29.0 43.6
54 51.7 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.148 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BM032859.D
Acq: 03 Nov 2021 11:19

Tgt Ion: 164 Resp: 296234
Ion Ratio Lower Upper
164 100
162 100.8 80.6 121.0
160 44.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 148.552 ng

RT: 15.648 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM032859.D

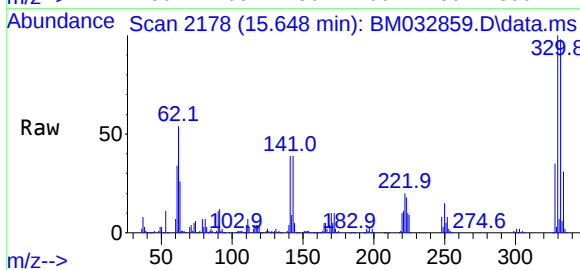
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Instrument :

BNA_M

ClientSampleId :

PB140340BL



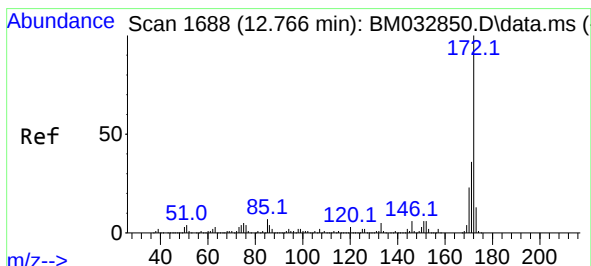
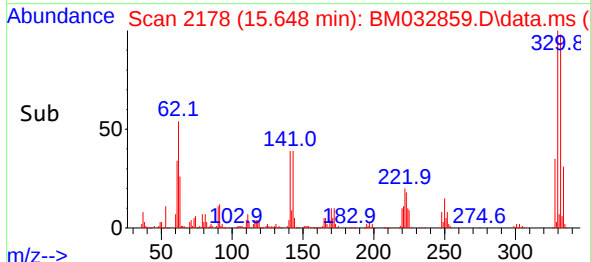
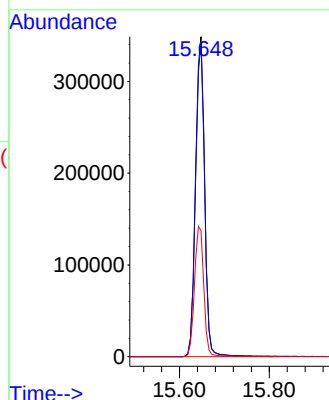
Tgt Ion:330 Resp: 492839

Ion Ratio Lower Upper

330 100

332 97.1 75.7 113.5

141 41.5 50.7 76.1#



#45

2-Fluorobiphenyl

Concen: 93.301 ng

RT: 12.766 min Scan# 1688

Delta R.T. -0.000 min

Lab File: BM032859.D

Acq: 03 Nov 2021 11:19

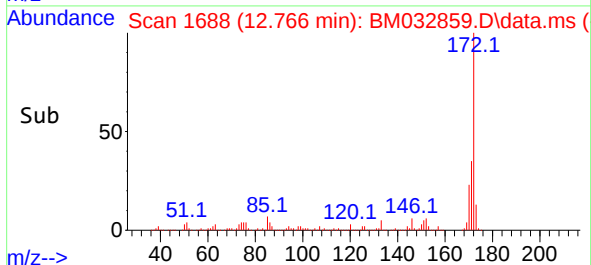
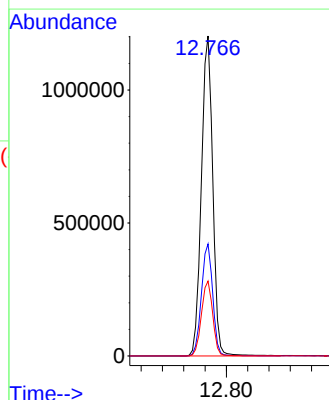
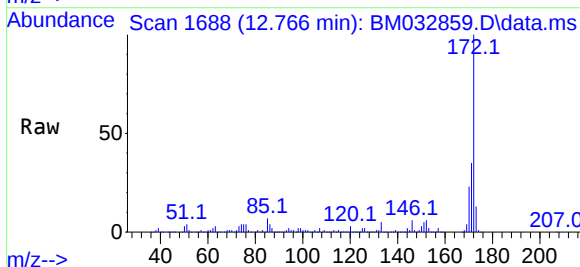
Tgt Ion:172 Resp: 1782019

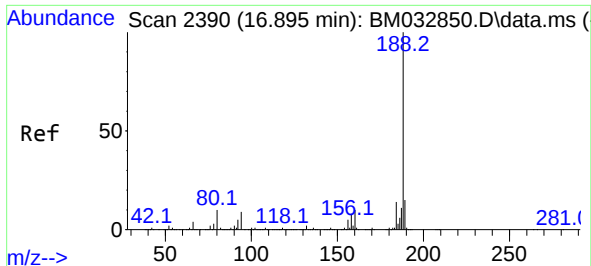
Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.4 18.6 27.8

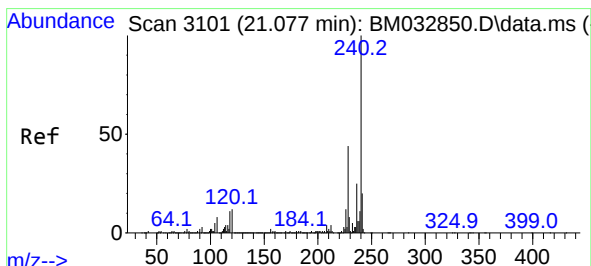
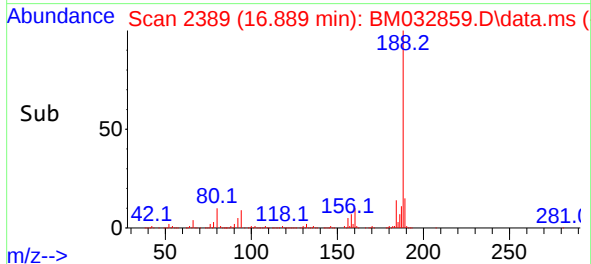
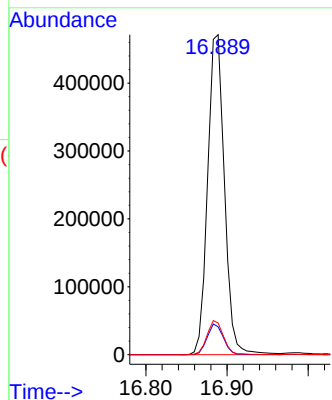
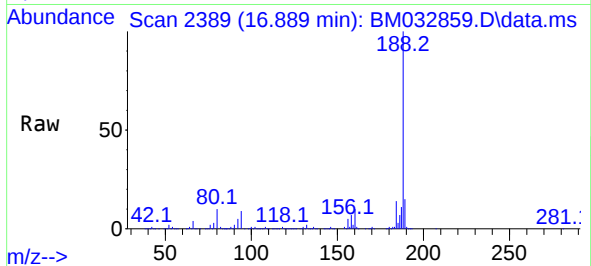




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM032859.D
Acq: 03 Nov 2021 11:19

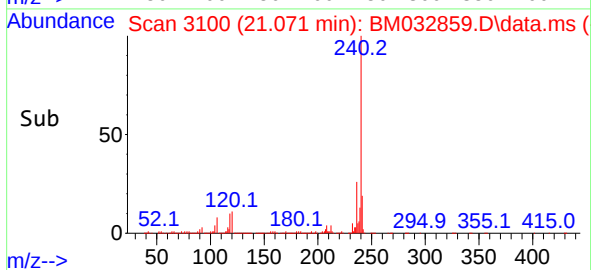
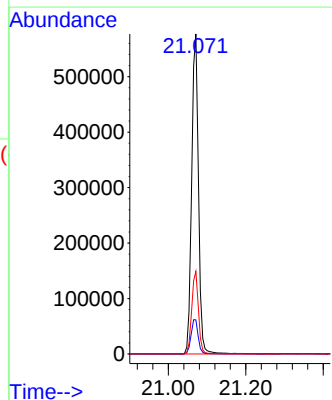
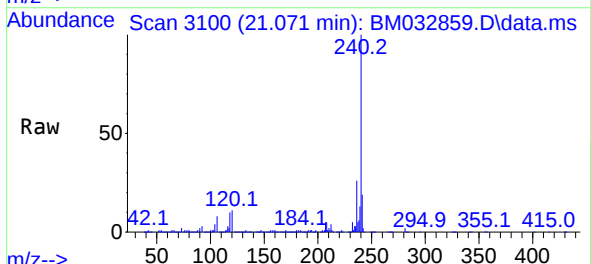
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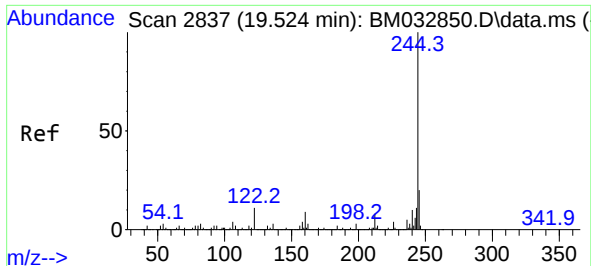
Tgt Ion:188 Resp: 676825
Ion Ratio Lower Upper
188 100
94 8.7 6.3 9.5
80 9.9 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.071 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BM032859.D
Acq: 03 Nov 2021 11:19

Tgt Ion:240 Resp: 703026
Ion Ratio Lower Upper
240 100
120 10.7 7.8 11.6
236 25.8 20.9 31.3

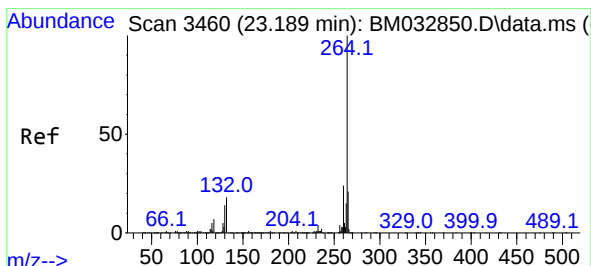
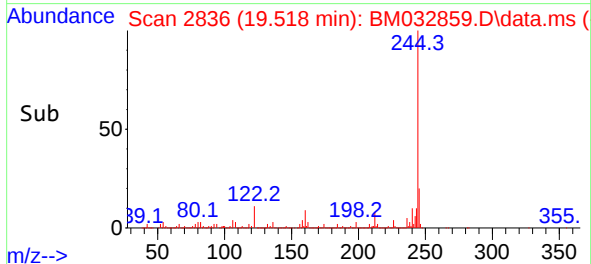
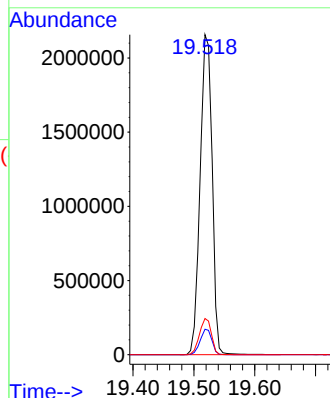
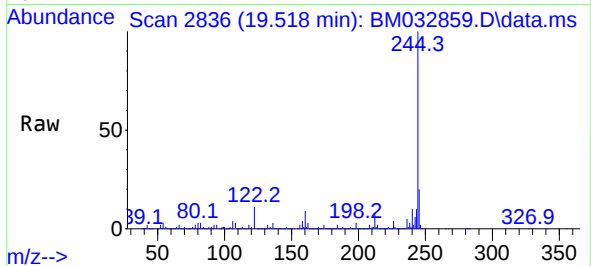




#79
 Terphenyl-d14
 Concen: 91.599 ng
 RT: 19.518 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM032859.D
 Acq: 03 Nov 2021 11:19

Instrument :
 BNA_M
 ClientSampleId :
 PB140340BL

Tgt Ion:244 Resp: 2949559
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 11.3 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.183 min Scan# 3459
 Delta R.T. -0.006 min
 Lab File: BM032859.D
 Acq: 03 Nov 2021 11:19

Tgt Ion:264 Resp: 721275
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 22.0 18.3 27.5

