

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110421\
 Data File : BM032868.D
 Acq On : 04 Nov 2021 10:45
 Operator : CG/JU
 Sample : PB140471BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB140471BL

Quant Time: Nov 04 14:28:53 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	7.489	152	105283	20.000	ng	0.00
21) Naphthalene-d8	10.272	136	461354	20.000	ng	# 0.00
39) Acenaphthene-d10	14.148	164	319031	20.000	ng	0.00
64) Phenanthrene-d10	16.883	188	674975	20.000	ng	#-0.01
76) Chrysene-d12	21.065	240	660867	20.000	ng	#-0.01
86) Perylene-d12	23.183	264	682782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.078	112	955793	158.271	ng	0.00
7) Phenol-d6	6.695	99	1244430	138.374	ng	0.00
23) Nitrobenzene-d5	8.642	82	763634	90.594	ng	0.00
42) 2,4,6-Tribromophenol	15.642	330	442508	123.850	ng	0.00
45) 2-Fluorobiphenyl	12.760	172	1790999	87.070	ng	0.00
79) Terphenyl-d14	19.518	244	2602196	85.967	ng	0.00

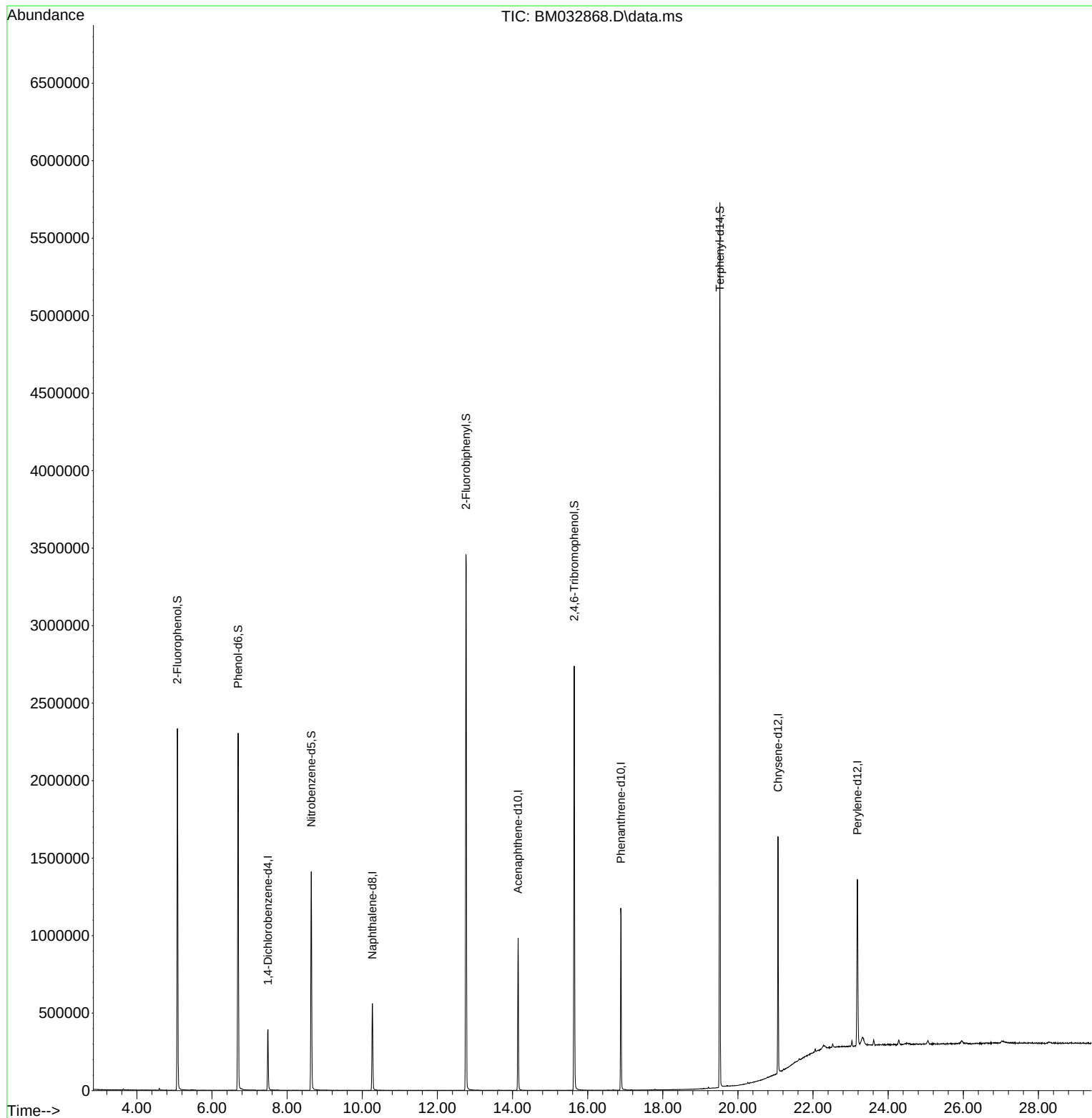
Target Compounds	Qvalue

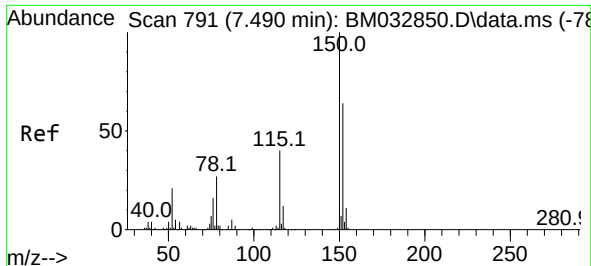
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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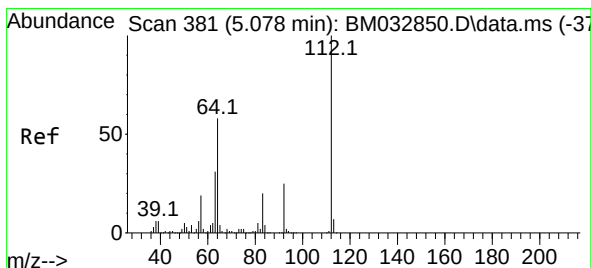
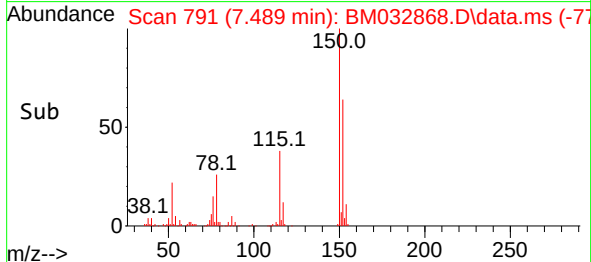
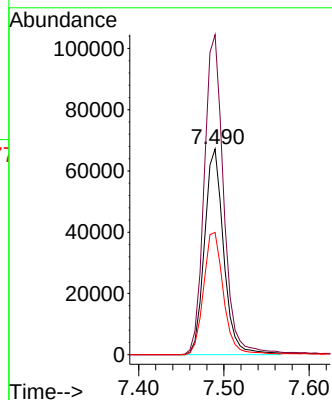
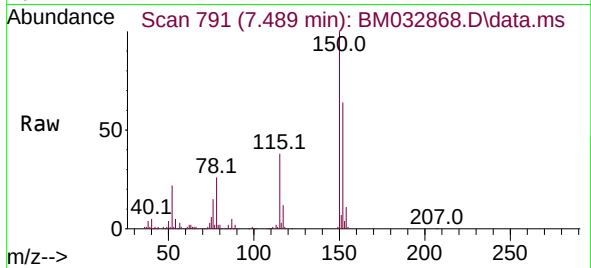




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.489 min Scan# 791
Delta R.T. -0.001 min
Lab File: BM032868.D
Acq: 04 Nov 2021 10:45

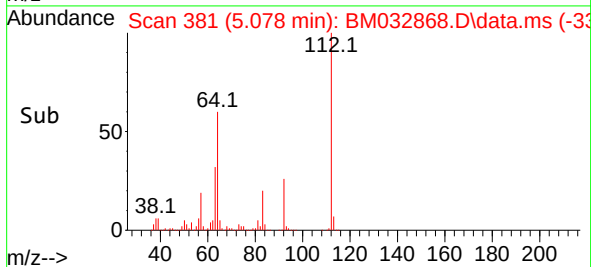
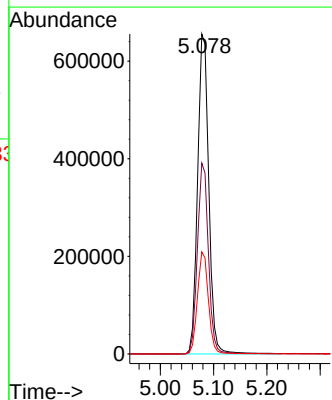
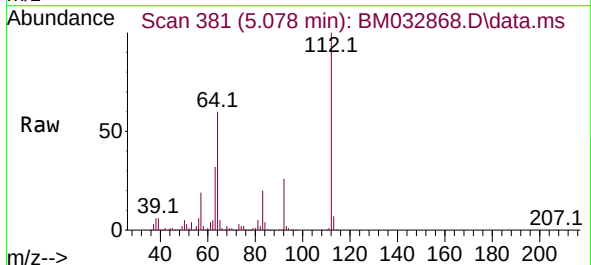
Instrument :
BNA_M
ClientSampleId :
PB140471BL

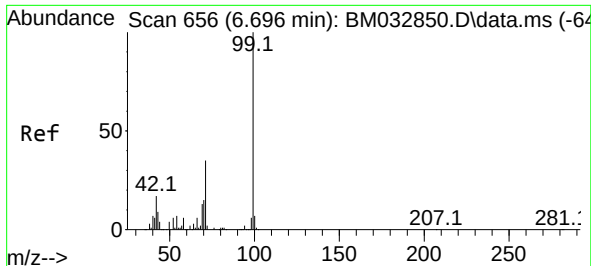
Tgt Ion:152 Resp: 105283
Ion Ratio Lower Upper
152 100
150 155.5 122.4 183.6
115 59.4 53.8 80.8



#5
2-Fluorophenol
Concen: 158.271 ng
RT: 5.078 min Scan# 381
Delta R.T. -0.000 min
Lab File: BM032868.D
Acq: 04 Nov 2021 10:45

Tgt Ion:112 Resp: 955793
Ion Ratio Lower Upper
112 100
64 59.6 53.7 80.5
63 31.9 33.9 50.9#

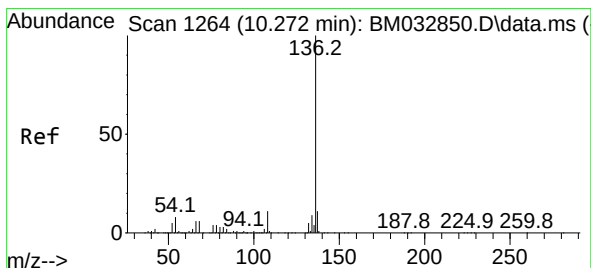
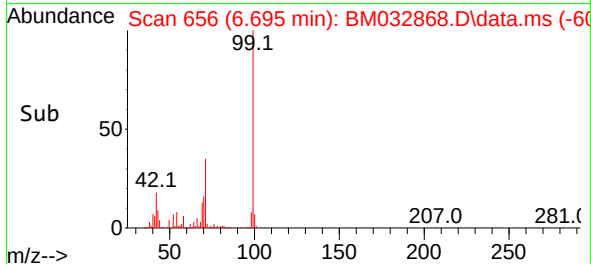
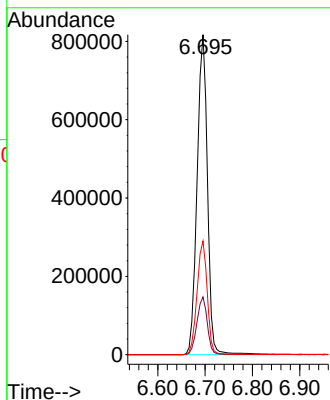
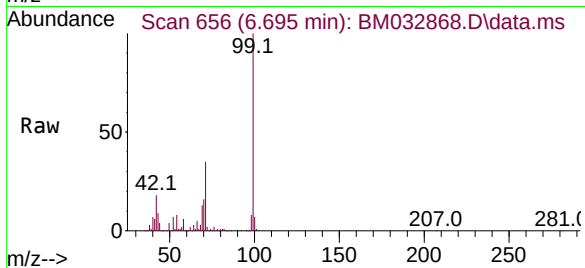




#7
Phenol-d6
Concen: 138.374 ng
RT: 6.695 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM032868.D
Acq: 04 Nov 2021 10:45

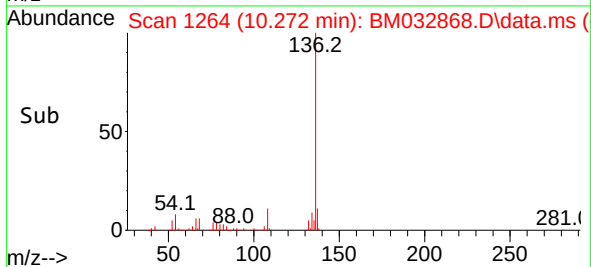
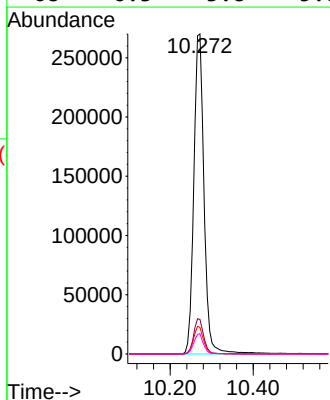
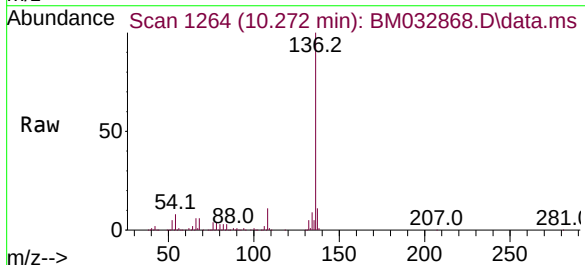
Instrument :
BNA_M
ClientSampleId :
PB140471BL

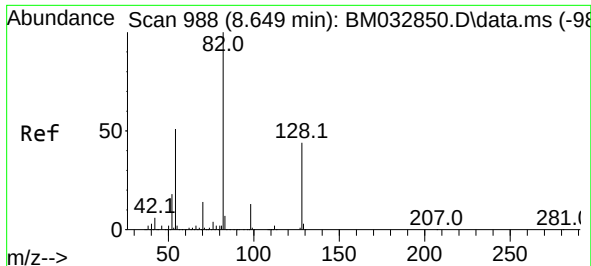
Tgt Ion: 99 Resp: 1244430
Ion Ratio Lower Upper
99 100
42 18.0 23.0 34.6#
71 35.5 37.8 56.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.272 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BM032868.D
Acq: 04 Nov 2021 10:45

Tgt Ion: 136 Resp: 461354
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.3 7.4 11.0
68 6.3 3.8 5.8#

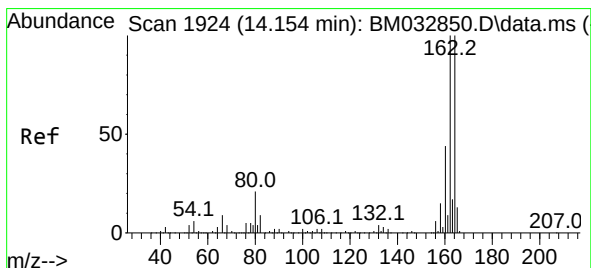
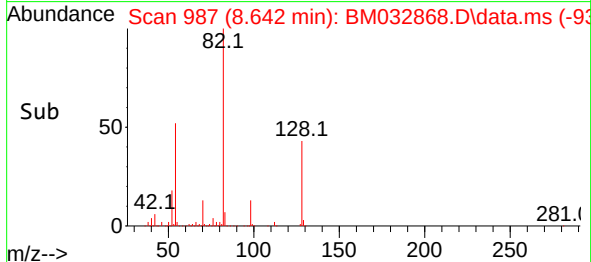
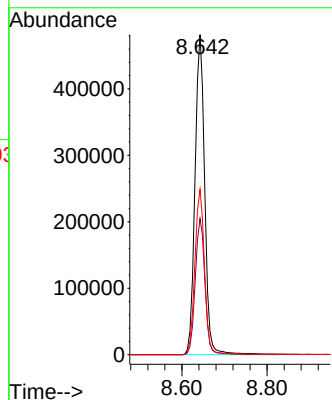
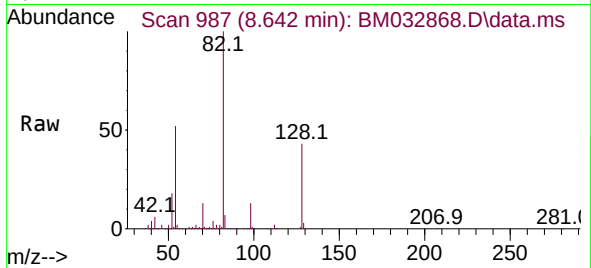




#23
Nitrobenzene-d5
Concen: 90.594 ng
RT: 8.642 min Scan# 988
Delta R.T. -0.006 min
Lab File: BM032868.D
Acq: 04 Nov 2021 10:45

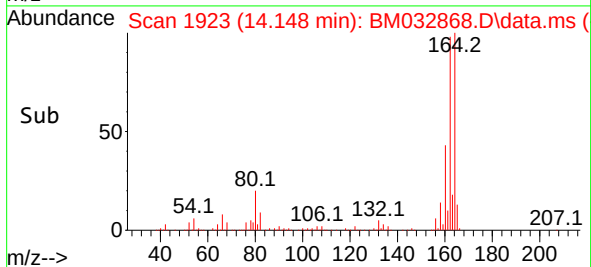
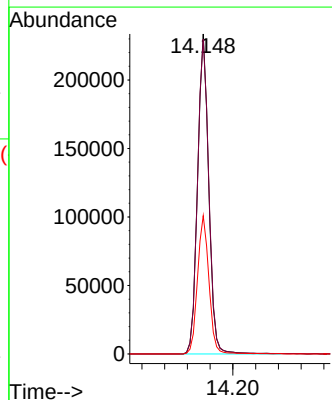
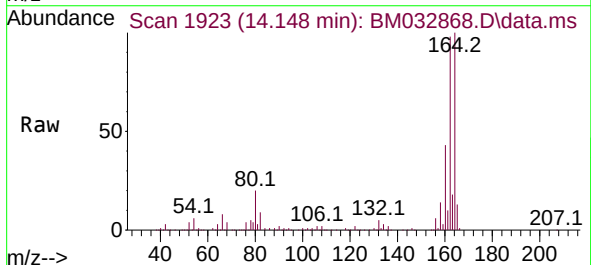
Instrument :
BNA_M
ClientSampleId :
PB140471BL

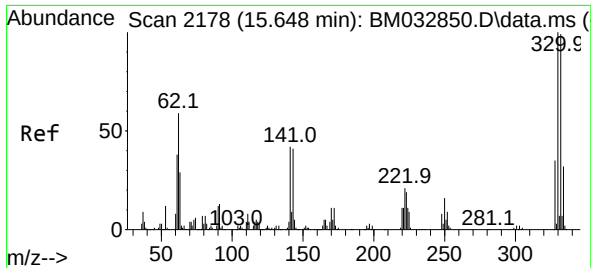
Tgt Ion: 82 Resp: 763634
Ion Ratio Lower Upper
82 100
128 42.5 29.0 43.6
54 51.7 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.148 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BM032868.D
Acq: 04 Nov 2021 10:45

Tgt Ion: 164 Resp: 319031
Ion Ratio Lower Upper
164 100
162 98.4 80.6 121.0
160 43.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 123.850 ng

RT: 15.642 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM032868.D

Acq: 04 Nov 2021 10:45

Instrument :

BNA_M

ClientSampleId :

PB140471BL

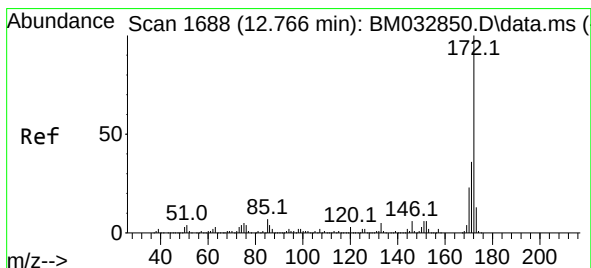
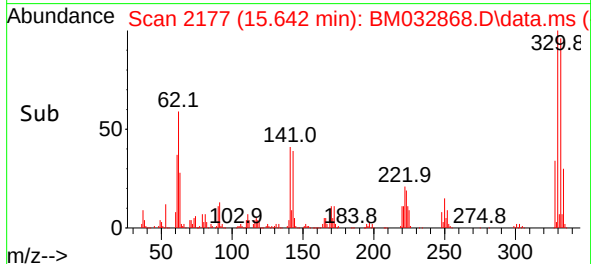
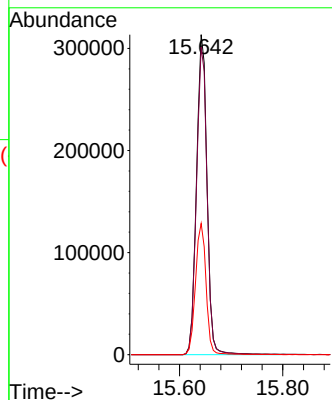
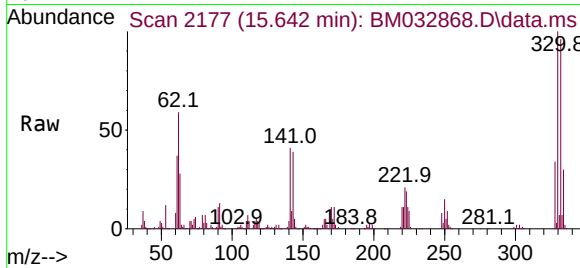
Tgt Ion:330 Resp: 442508

Ion Ratio Lower Upper

330 100

332 96.6 75.7 113.5

141 41.1 50.7 76.1#



#45

2-Fluorobiphenyl

Concen: 87.070 ng

RT: 12.760 min Scan# 1687

Delta R.T. -0.006 min

Lab File: BM032868.D

Acq: 04 Nov 2021 10:45

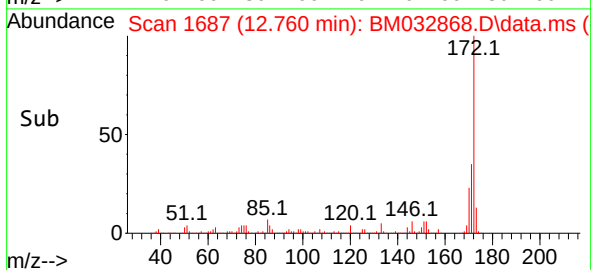
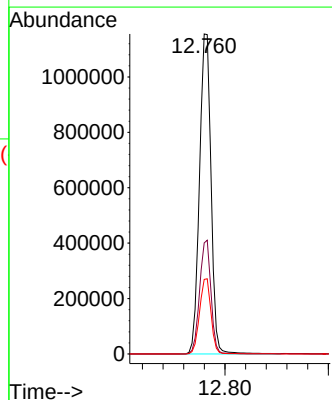
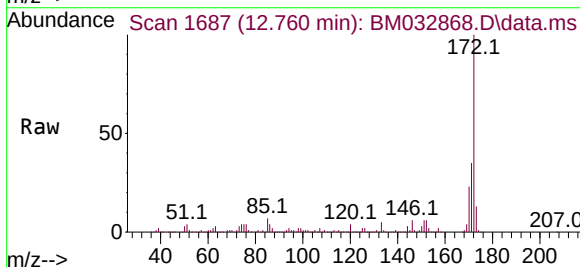
Tgt Ion:172 Resp: 1790999

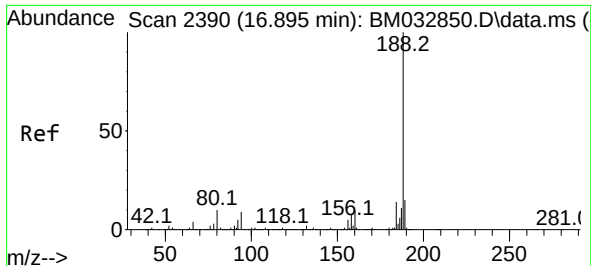
Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 23.3 18.6 27.8

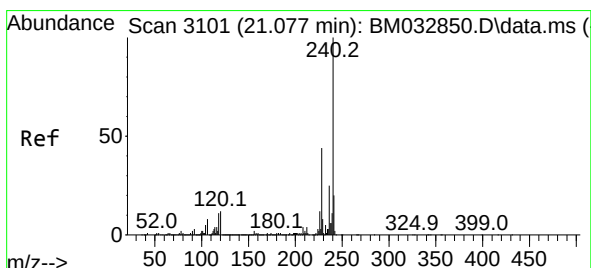
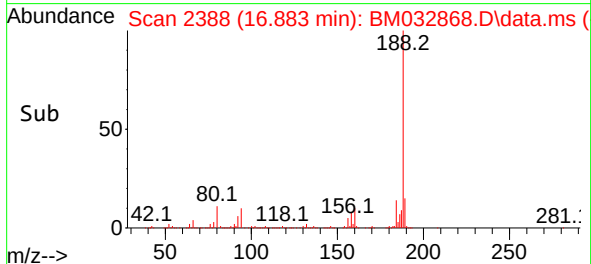
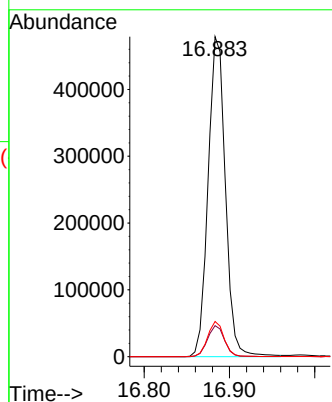
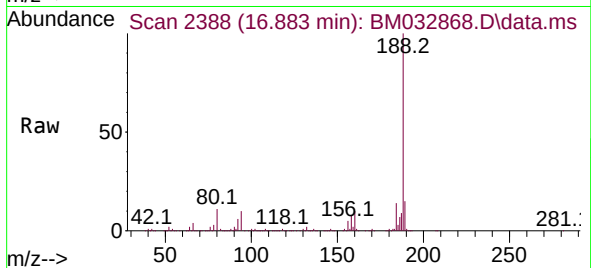




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.883 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM032868.D
Acq: 04 Nov 2021 10:45

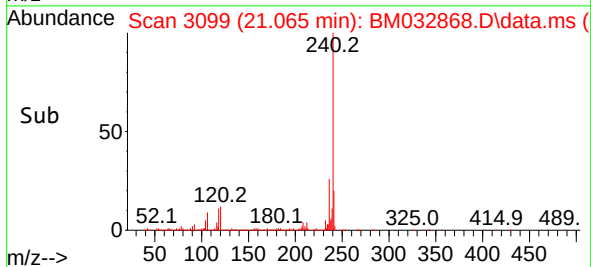
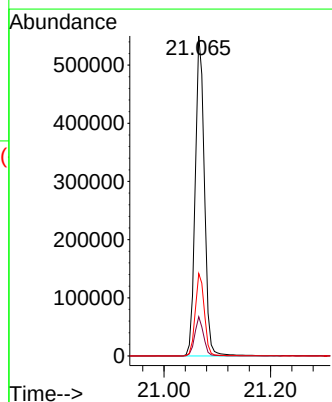
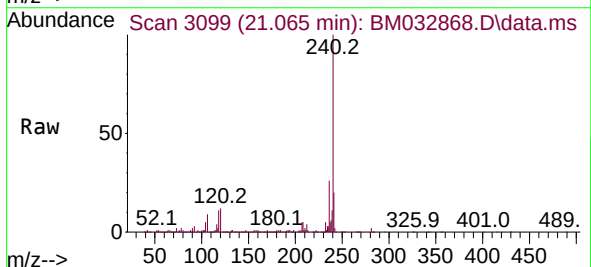
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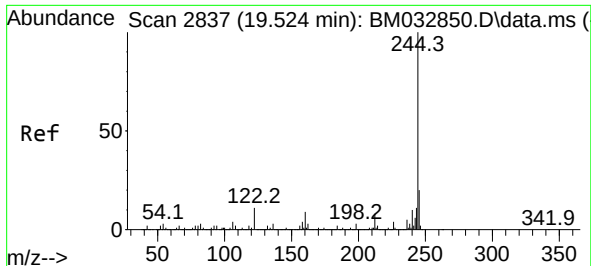
Tgt Ion:188 Resp: 674975
Ion Ratio Lower Upper
188 100
94 9.7 6.3 9.5#
80 11.0 7.3 10.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.065 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BM032868.D
Acq: 04 Nov 2021 10:45

Tgt Ion:240 Resp: 660867
Ion Ratio Lower Upper
240 100
120 12.2 7.8 11.6#
236 25.8 20.9 31.3

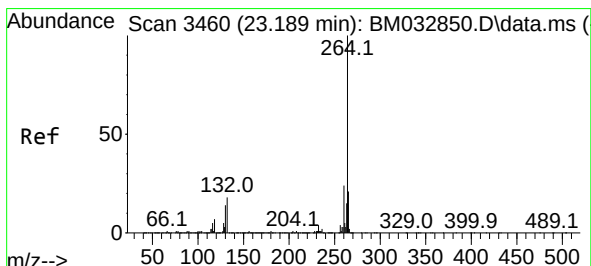
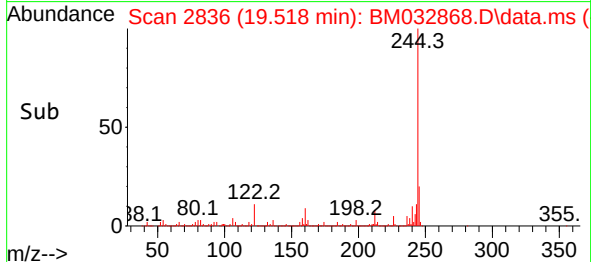
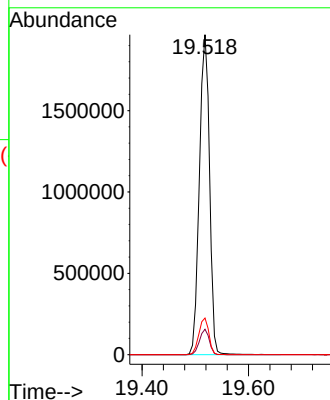
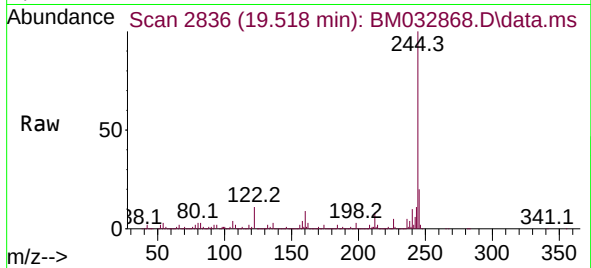




#79
 Terphenyl-d14
 Concen: 85.967 ng
 RT: 19.518 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM032868.D
 Acq: 04 Nov 2021 10:45

Instrument :
 BNA_M
 ClientSampleId :
 PB140471BL

Tgt Ion:244 Resp: 2602196
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 11.5 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: BM032868.D
 Acq: 04 Nov 2021 10:45

Tgt Ion:264 Resp: 682782
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.3 28.9
 265 21.9 18.3 27.5

