

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110421\
 Data File : BM032871.D
 Acq On : 04 Nov 2021 12:49
 Operator : CG/JU
 Sample : M4470-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1

Quant Time: Nov 04 14:30:20 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)

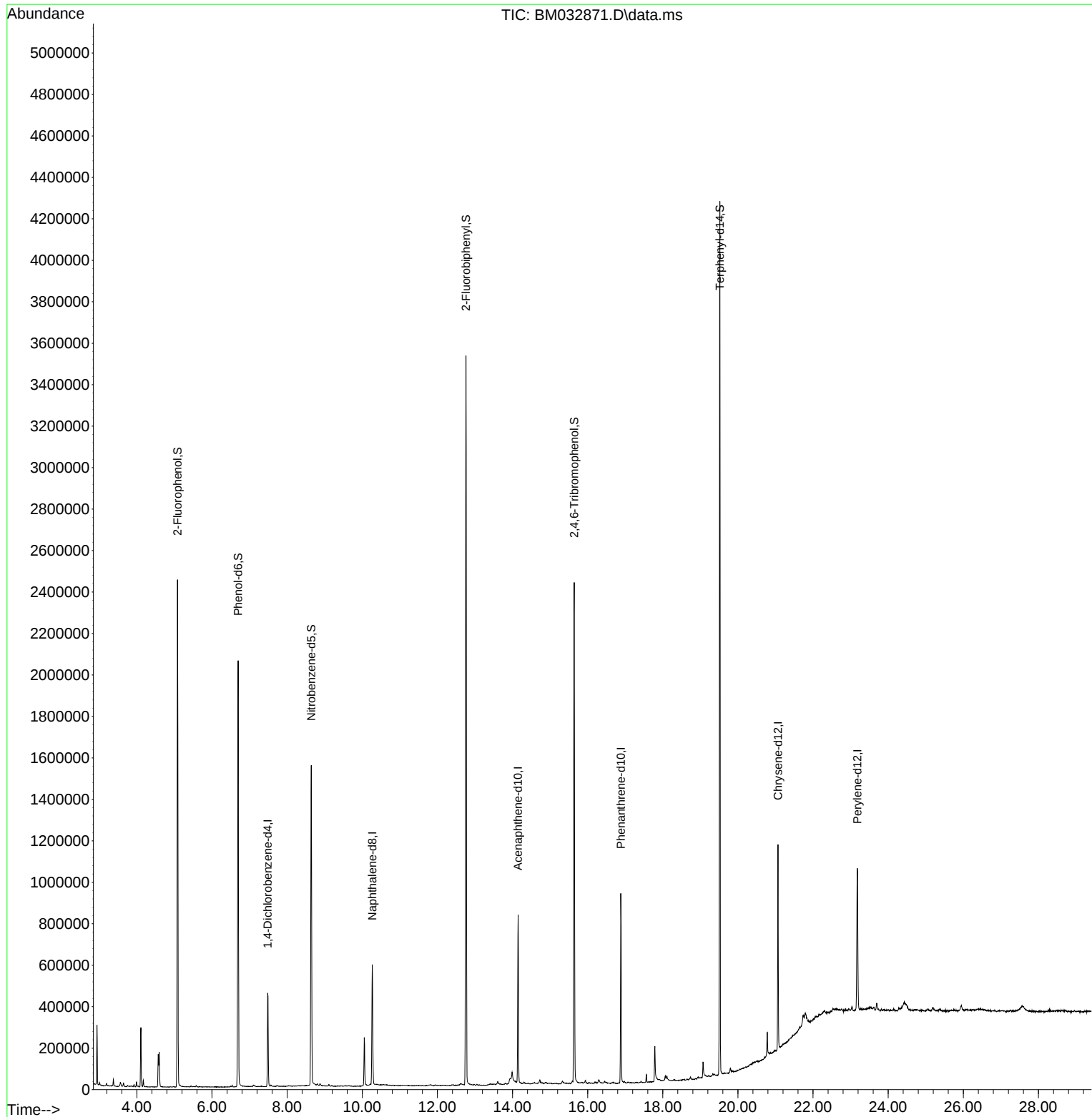
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.484	152	119090	20.000	ng	0.00
21) Naphthalene-d8	10.266	136	458288	20.000	ng	# 0.00
39) Acenaphthene-d10	14.148	164	264365	20.000	ng	0.00
64) Phenanthrene-d10	16.883	188	500831	20.000	ng	-0.01
76) Chrysene-d12	21.065	240	435331	20.000	ng	-0.01
86) Perylene-d12	23.177	264	439182	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.084	112	975524	142.810	ng	0.00
7) Phenol-d6	6.696	99	1104985	108.624	ng	0.00
23) Nitrobenzene-d5	8.643	82	841228	100.467	ng	0.00
42) 2,4,6-Tribromophenol	15.642	330	400099	135.136	ng	0.00
45) 2-Fluorobiphenyl	12.760	172	1747818	102.542	ng	0.00
79) Terphenyl-d14	19.518	244	1891684	94.871	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.931	88	181	Below Cal	#	Qvalue 1

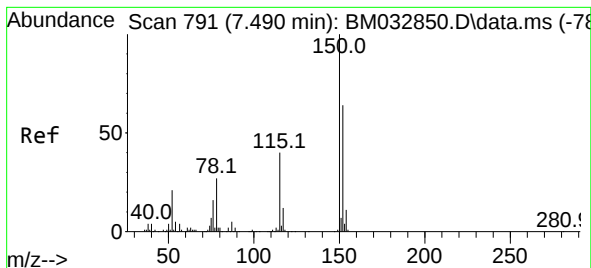
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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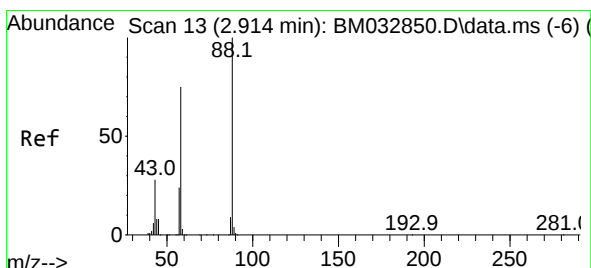
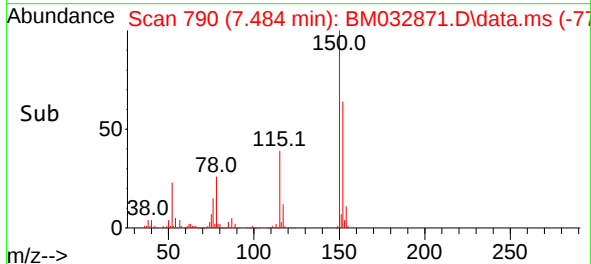
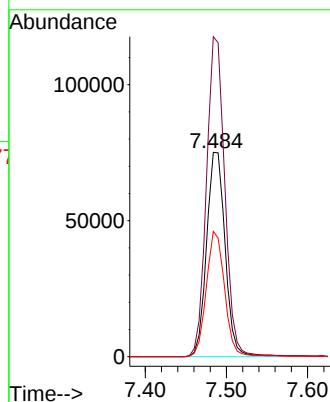
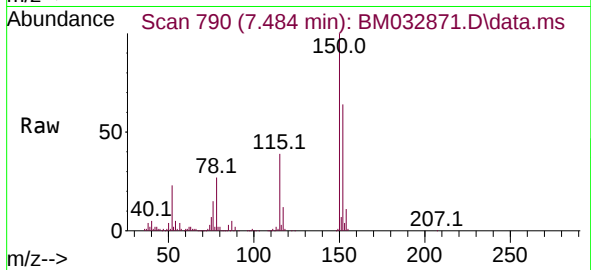




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.484 min Scan# 791
Delta R.T. -0.006 min
Lab File: BM032871.D
Acq: 04 Nov 2021 12:49

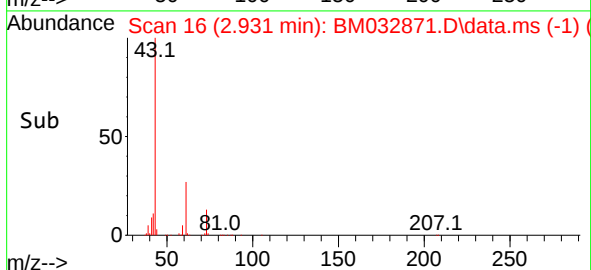
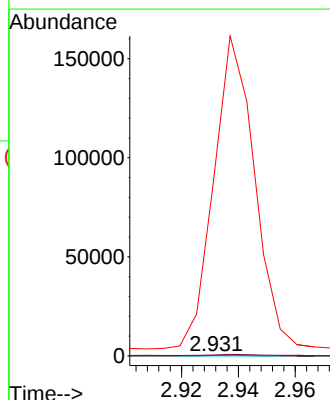
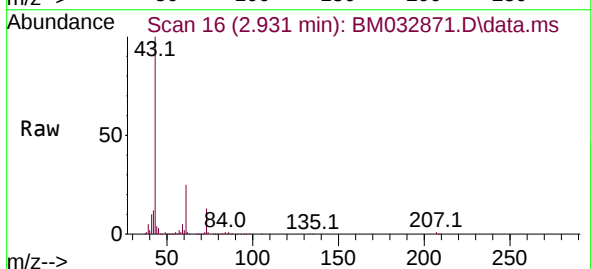
Instrument :
BNA_M
ClientSampleId :
TP-1

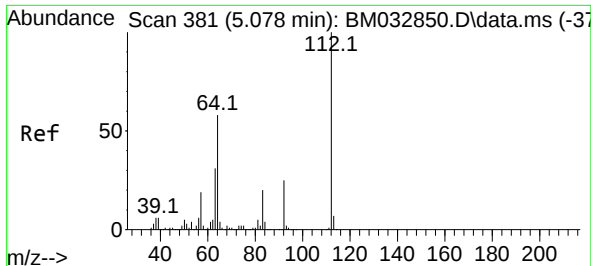
Tgt Ion:152 Resp: 119090
Ion Ratio Lower Upper
152 100
150 156.6 122.4 183.6
115 61.3 53.8 80.8



#2
1,4-Dioxane
Concen: Below Cal
RT: 2.931 min Scan# 16
Delta R.T. 0.017 min
Lab File: BM032871.D
Acq: 04 Nov 2021 12:49

Tgt Ion: 88 Resp: 181
Ion Ratio Lower Upper
88 100
58 430.9 50.4 75.6#
43 87943.6 22.2 33.2#

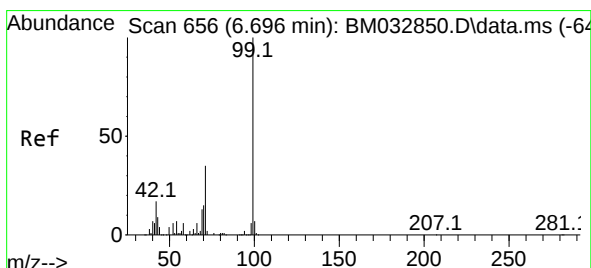
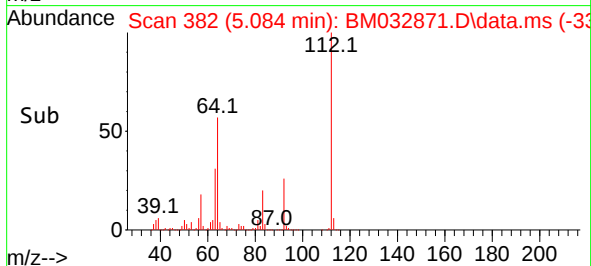
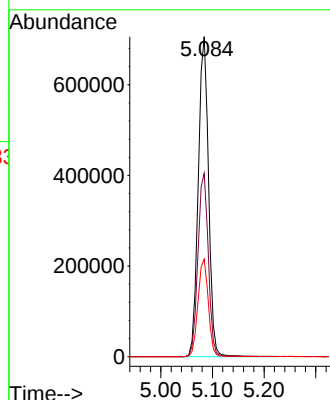
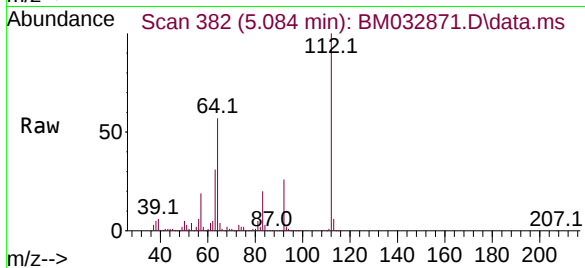




#5
2-Fluorophenol
Concen: 142.810 ng
RT: 5.084 min Scan# 381
Delta R.T. 0.006 min
Lab File: BM032871.D
Acq: 04 Nov 2021 12:49

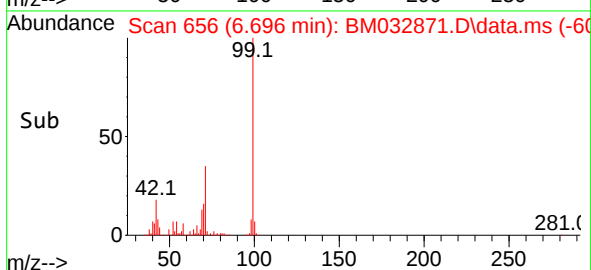
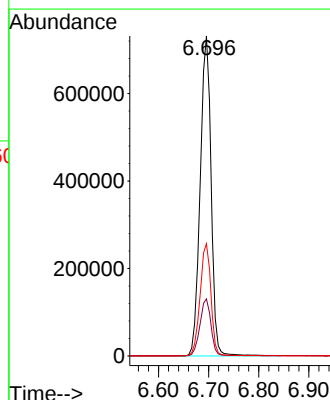
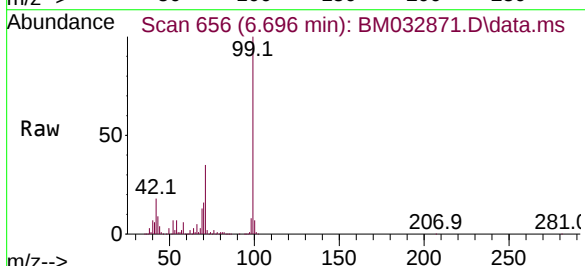
Instrument :
BNA_M
ClientSampleId :
TP-1

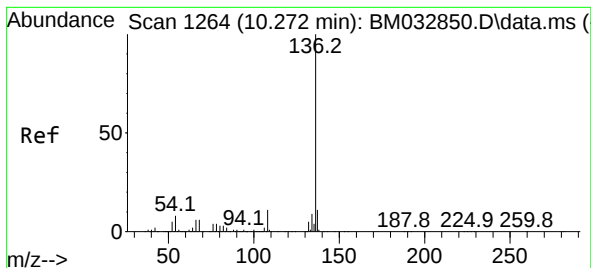
Tgt Ion:112 Resp: 975524
Ion Ratio Lower Upper
112 100
64 57.3 53.7 80.5
63 30.5 33.9 50.9#



#7
Phenol-d6
Concen: 108.624 ng
RT: 6.696 min Scan# 656
Delta R.T. -0.000 min
Lab File: BM032871.D
Acq: 04 Nov 2021 12:49

Tgt Ion: 99 Resp: 1104985
Ion Ratio Lower Upper
99 100
42 17.8 23.0 34.6#
71 35.1 37.8 56.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.266 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM032871.D

Acq: 04 Nov 2021 12:49

Instrument :

BNA_M

ClientSampleId :

TP-1

Tgt Ion:136 Resp: 458288

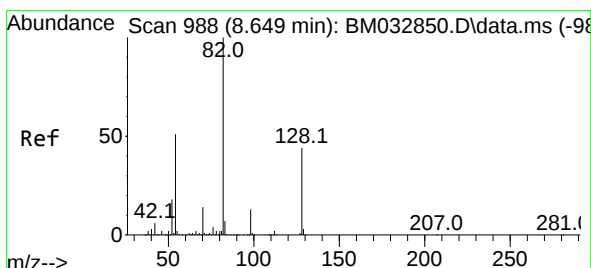
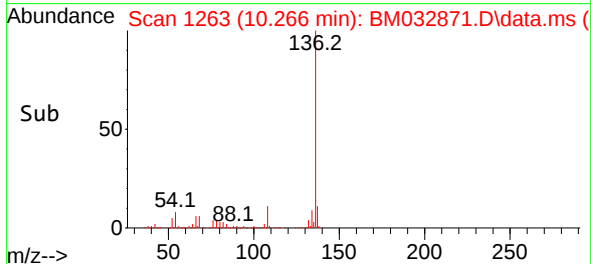
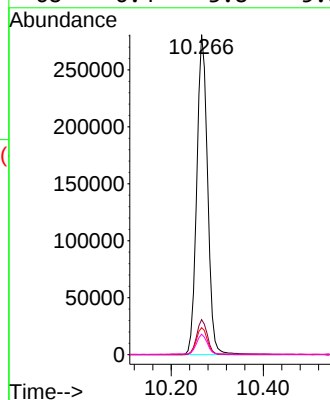
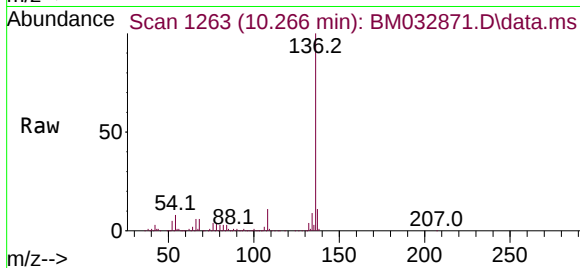
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.4 7.4 11.0

68 6.4 3.8 5.8#



#23

Nitrobenzene-d5

Concen: 100.467 ng

RT: 8.643 min Scan# 987

Delta R.T. -0.006 min

Lab File: BM032871.D

Acq: 04 Nov 2021 12:49

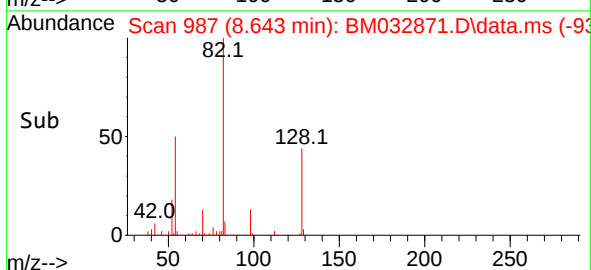
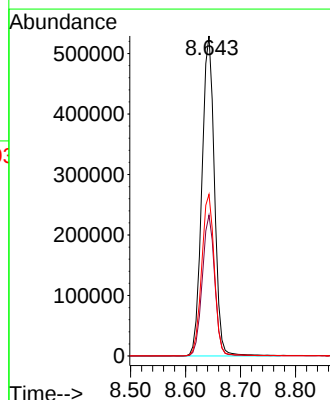
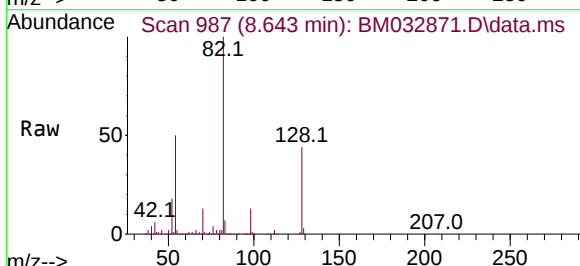
Tgt Ion: 82 Resp: 841228

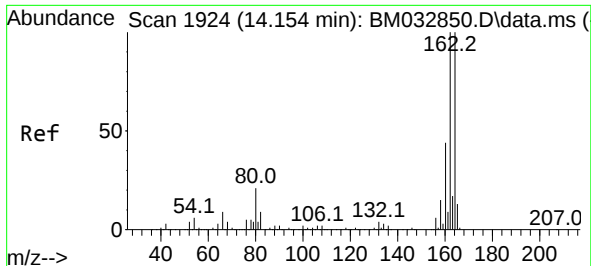
Ion Ratio Lower Upper

82 100

128 44.0 29.0 43.6#

54 50.5 45.8 68.8

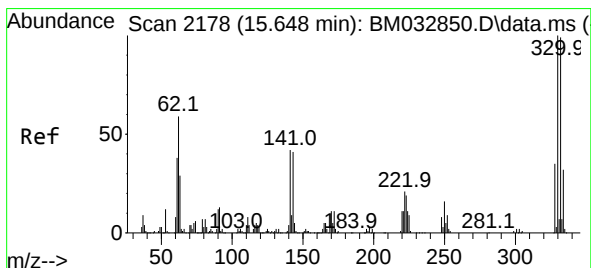
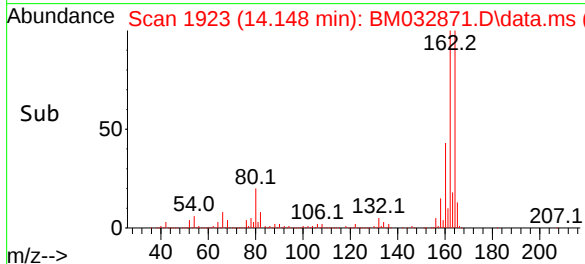
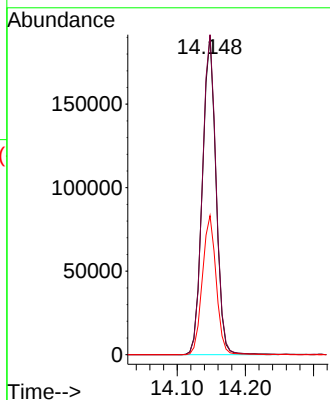
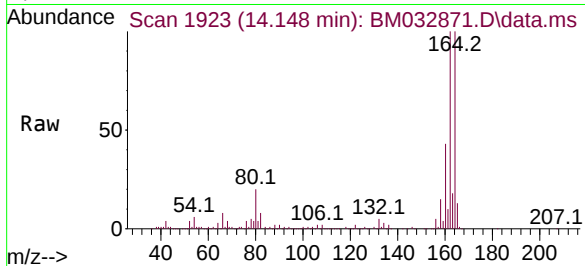




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.148 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BM032871.D
Acq: 04 Nov 2021 12:49

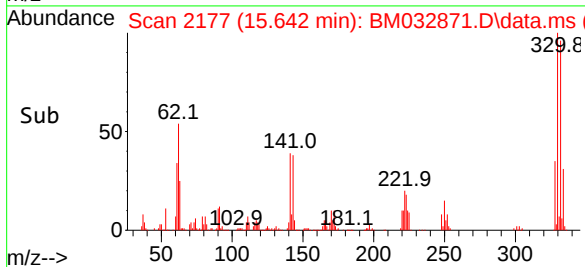
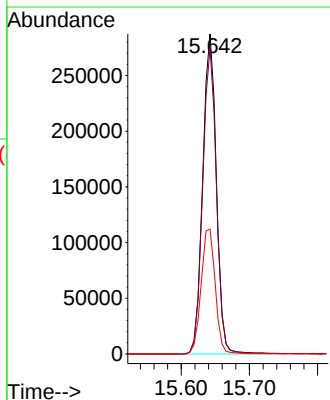
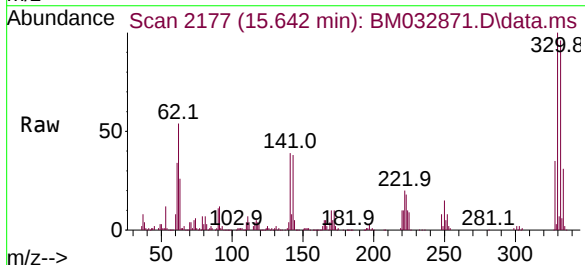
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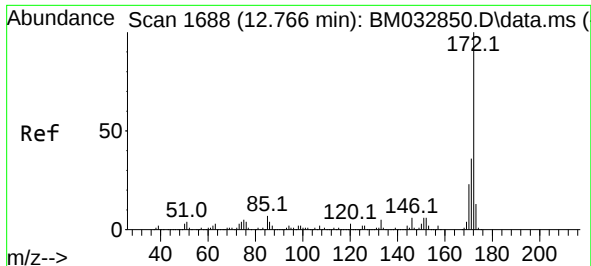
Tgt Ion:164 Resp: 264365
Ion Ratio Lower Upper
164 100
162 100.5 80.6 121.0
160 43.6 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 135.136 ng
RT: 15.642 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM032871.D
Acq: 04 Nov 2021 12:49

Tgt Ion:330 Resp: 400099
Ion Ratio Lower Upper
330 100
332 95.8 75.7 113.5
141 40.7 50.7 76.1#

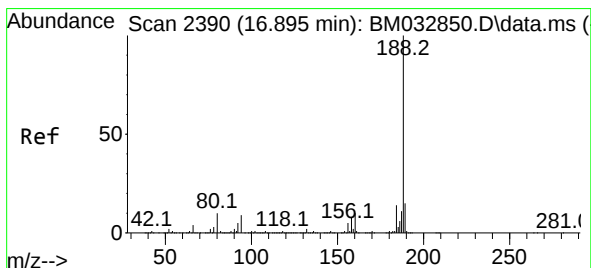
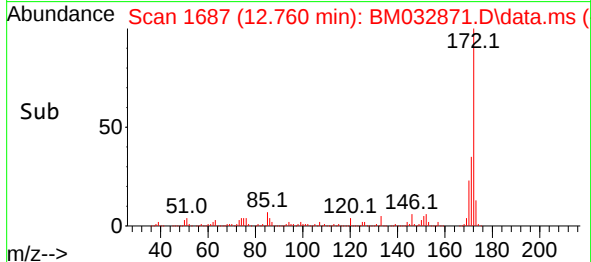
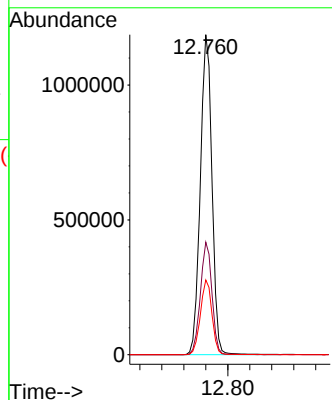
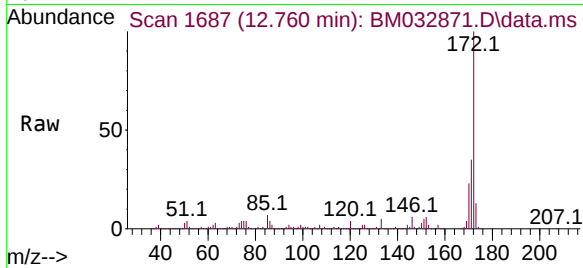




#45
2-Fluorobiphenyl
Concen: 102.542 ng
RT: 12.760 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM032871.D
Acq: 04 Nov 2021 12:49

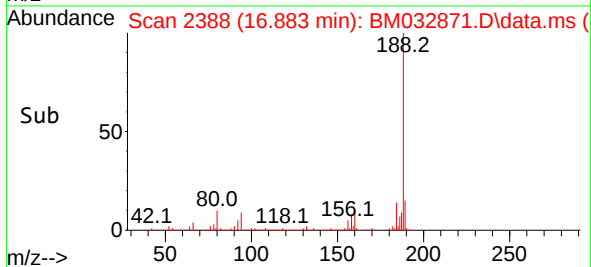
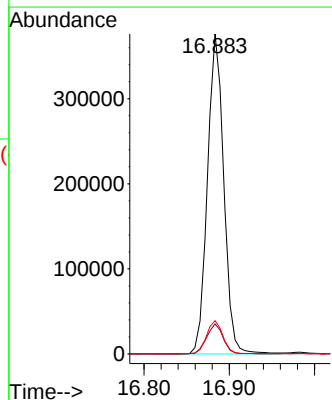
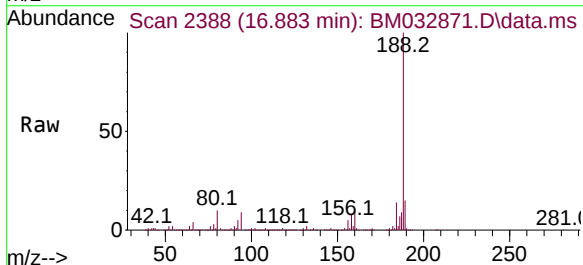
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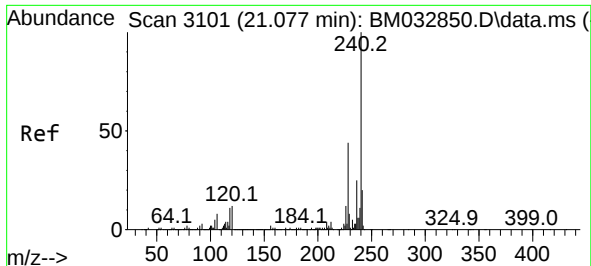
Tgt Ion:172 Resp: 1747818
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.4 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.883 min Scan# 2388
Delta R.T. -0.012 min
Lab File: BM032871.D
Acq: 04 Nov 2021 12:49

Tgt Ion:188 Resp: 500831
Ion Ratio Lower Upper
188 100
94 9.4 6.3 9.5
80 10.4 7.3 10.9

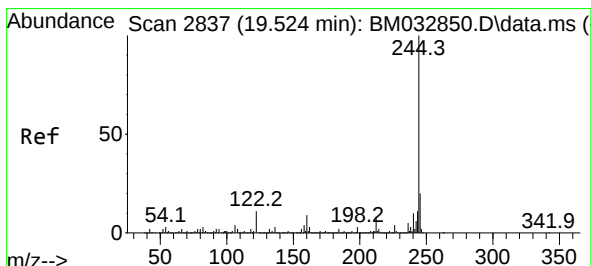
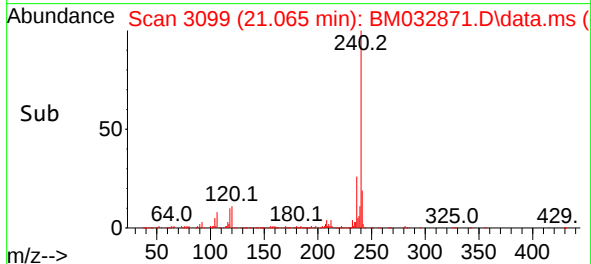
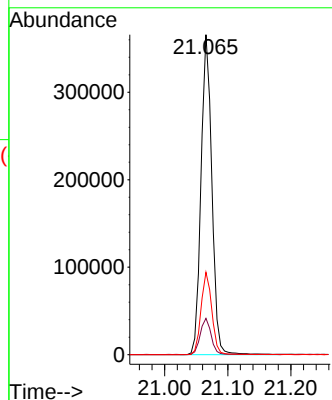
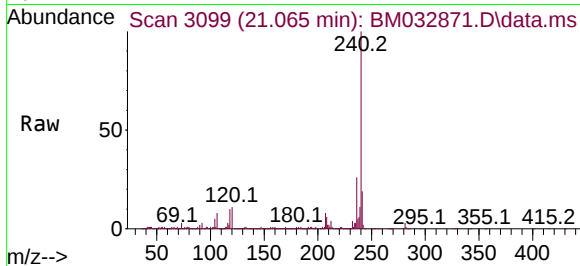




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.065 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BM032871.D
Acq: 04 Nov 2021 12:49

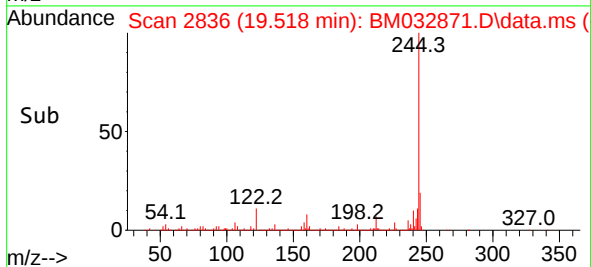
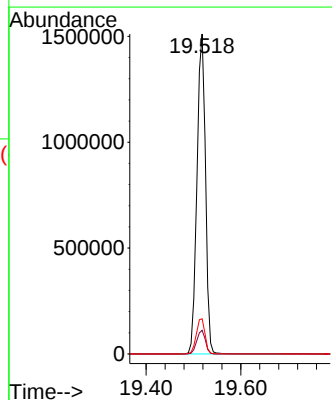
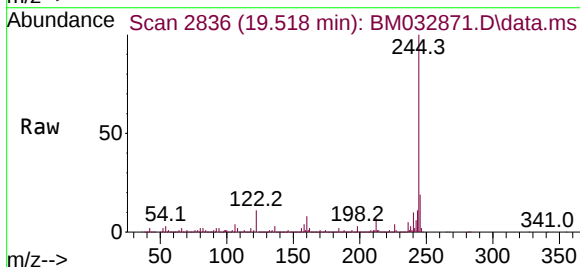
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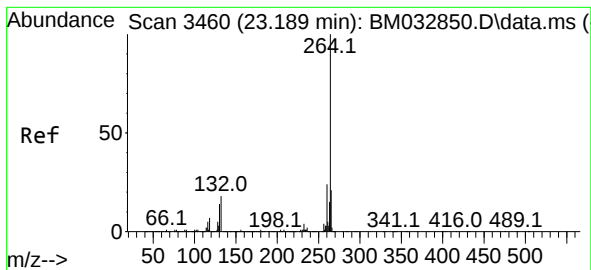
Tgt Ion:240 Resp: 435331
Ion Ratio Lower Upper
240 100
120 11.3 7.8 11.6
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 94.871 ng
RT: 19.518 min Scan# 2836
Delta R.T. -0.006 min
Lab File: BM032871.D
Acq: 04 Nov 2021 12:49

Tgt Ion:244 Resp: 1891684
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 11.0 8.7 13.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.177 min Scan# 34
 Delta R.T. -0.012 min
 Lab File: BM032871.D
 Acq: 04 Nov 2021 12:49

Instrument :
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 ClientSampleId :
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Tgt Ion:264 Resp: 439182
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.3 28.9
 265 22.0 18.3 27.5

