

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110421\
 Data File : BM032883.D
 Acq On : 04 Nov 2021 20:00
 Operator : CG/JU
 Sample : M4497-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RO-COMP-1

Quant Time: Nov 07 08:52:13 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)

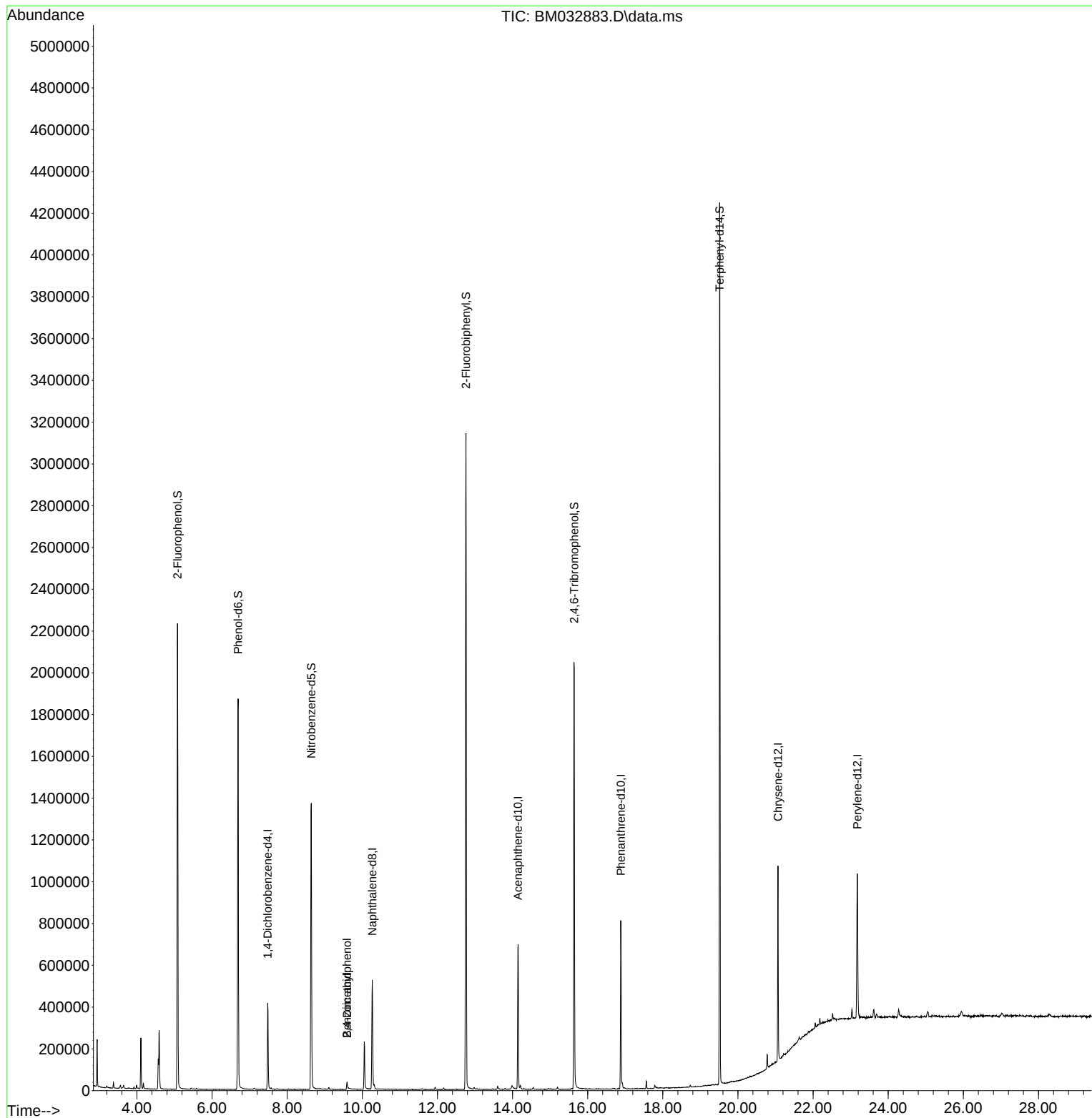
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.484	152	108152	20.000	ng	0.00
21) Naphthalene-d8	10.266	136	415553	20.000	ng	# 0.00
39) Acenaphthene-d10	14.148	164	236831	20.000	ng	0.00
64) Phenanthrene-d10	16.883	188	445137	20.000	ng	-0.01
76) Chrysene-d12	21.065	240	413225	20.000	ng	-0.01
86) Perylene-d12	23.177	264	436640	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.084	112	908368	146.427	ng	0.00
7) Phenol-d6	6.695	99	1024141	110.858	ng	0.00
23) Nitrobenzene-d5	8.642	82	756017	99.576	ng	0.00
42) 2,4,6-Tribromophenol	15.642	330	346432	130.613	ng	0.00
45) 2-Fluorobiphenyl	12.760	172	1573770	103.065	ng	0.00
79) Terphenyl-d14	19.512	244	1910203	100.925	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.937	88	72	Below Cal	#	1
27) 2,4-Dimethylphenol	9.595	122	16118	2.884 ng	#	1
32) Benzoic acid	9.595	122	16604	3.674 ng	#	81

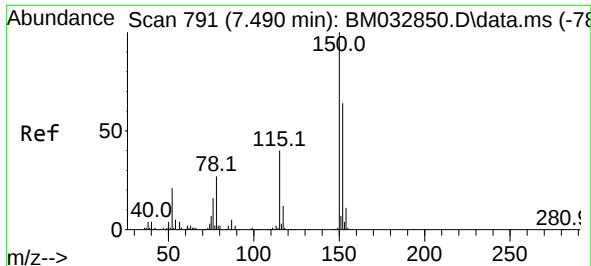
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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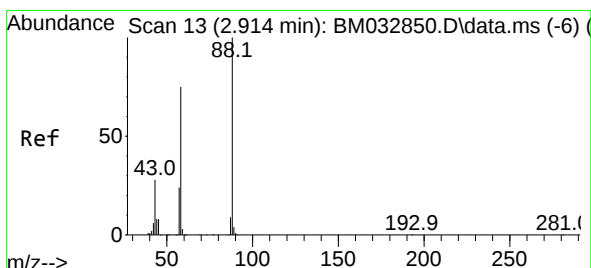
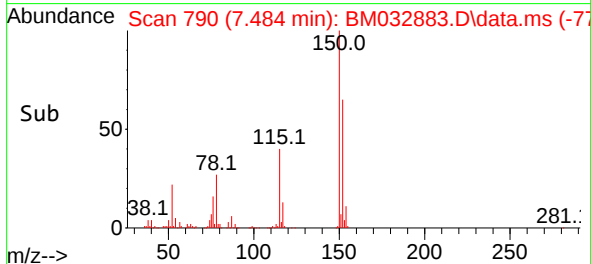
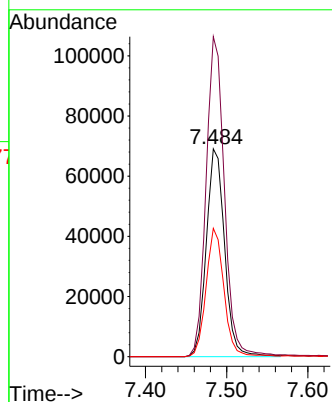
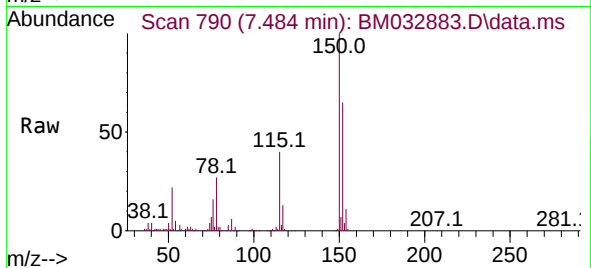




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.484 min Scan# 791
Delta R.T. -0.006 min
Lab File: BM032883.D
Acq: 04 Nov 2021 20:00

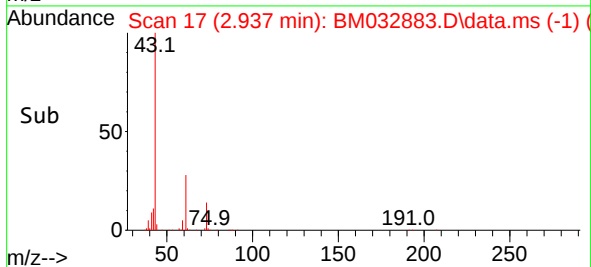
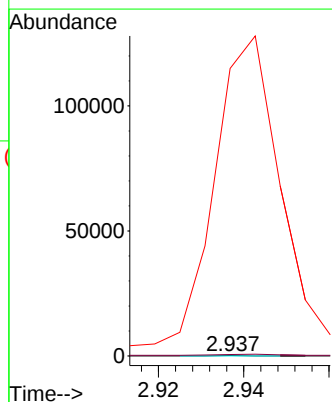
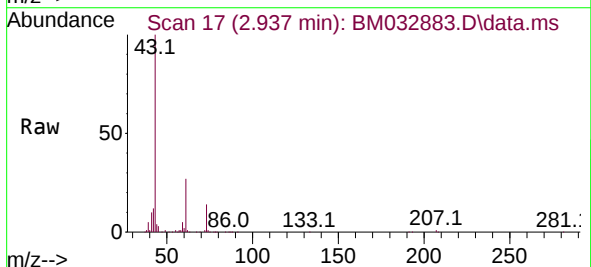
Instrument :
BNA_M
ClientSampleId :
RO-COMP-1

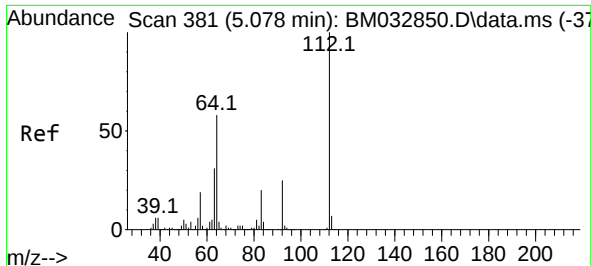
Tgt Ion:152 Resp: 108152
Ion Ratio Lower Upper
152 100
150 153.9 122.4 183.6
115 61.7 53.8 80.8



#2
1,4-Dioxane
Concen: Below Cal
RT: 2.937 min Scan# 17
Delta R.T. 0.023 min
Lab File: BM032883.D
Acq: 04 Nov 2021 20:00

Tgt Ion: 88 Resp: 72
Ion Ratio Lower Upper
88 100
58 1752.8 50.4 75.6#
43 183775.0 22.2 33.2#

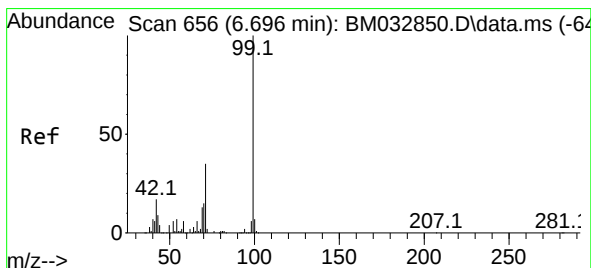
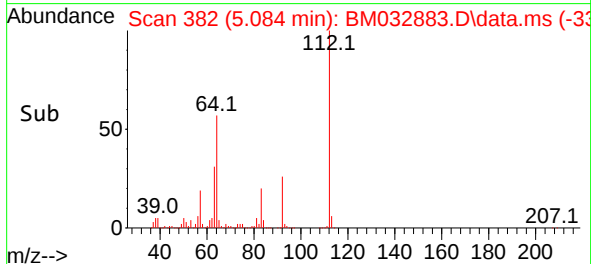
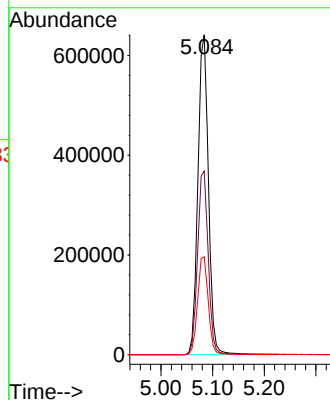
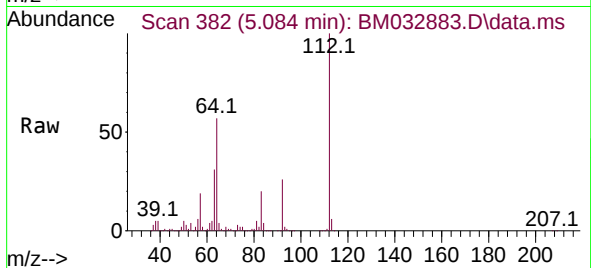




#5
2-Fluorophenol
Concen: 146.427 ng
RT: 5.084 min Scan# 381
Delta R.T. 0.006 min
Lab File: BM032883.D
Acq: 04 Nov 2021 20:00

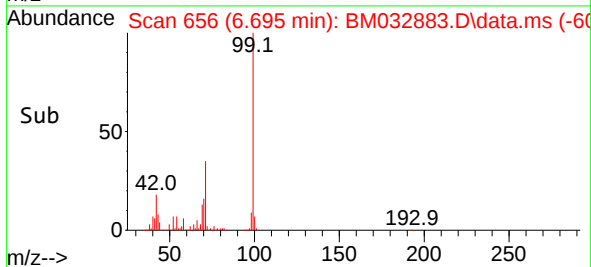
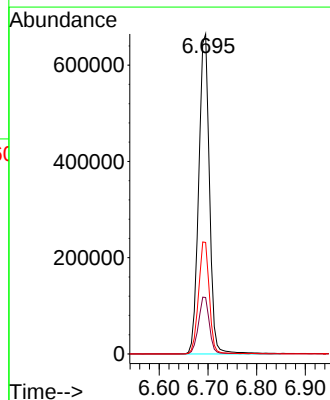
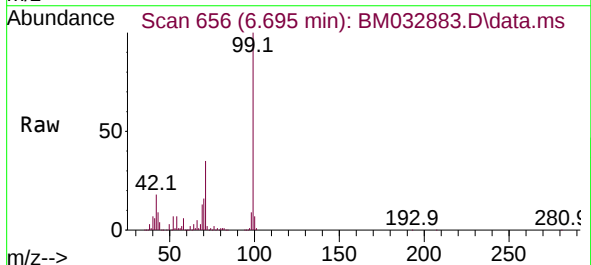
Instrument :
BNA_M
ClientSampleId :
RO-COMP-1

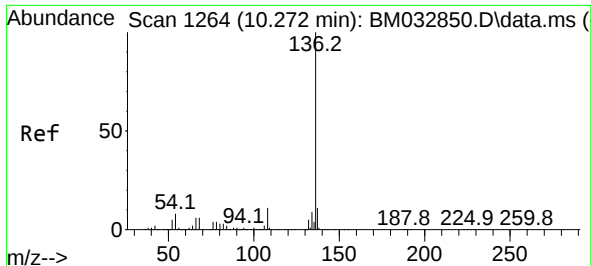
Tgt Ion:112 Resp: 908368
Ion Ratio Lower Upper
112 100
64 57.4 53.7 80.5
63 30.6 33.9 50.9#



#7
Phenol-d6
Concen: 110.858 ng
RT: 6.695 min Scan# 656
Delta R.T. -0.000 min
Lab File: BM032883.D
Acq: 04 Nov 2021 20:00

Tgt Ion: 99 Resp: 1024141
Ion Ratio Lower Upper
99 100
42 17.6 23.0 34.6#
71 34.9 37.8 56.8#

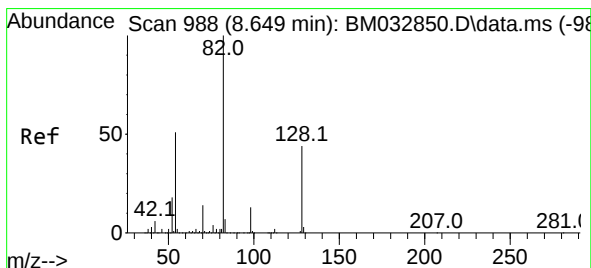
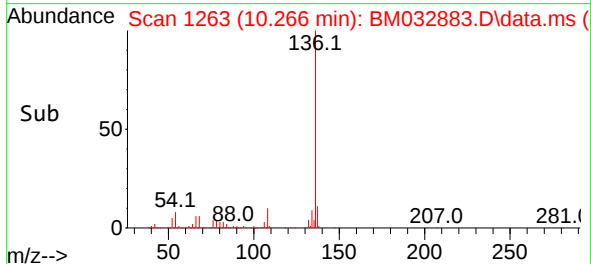
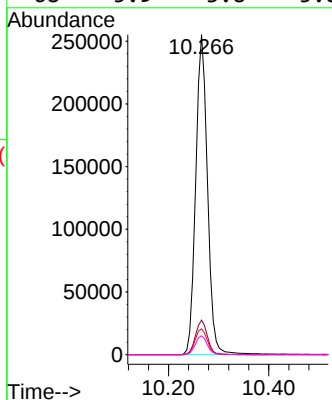
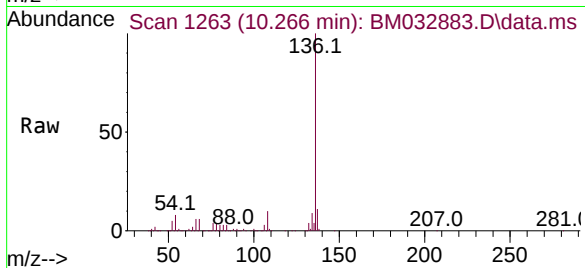




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.266 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM032883.D
Acq: 04 Nov 2021 20:00

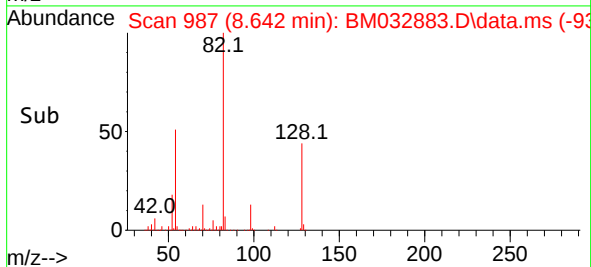
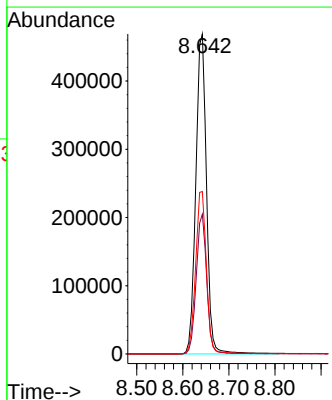
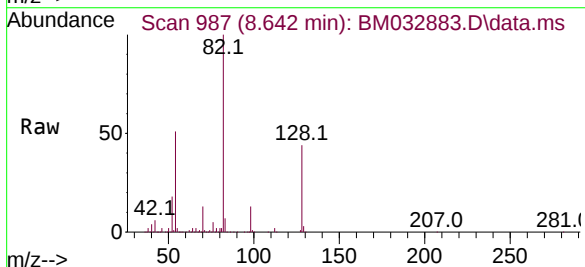
Instrument :
BNA_M
ClientSampleId :
RO-COMP-1

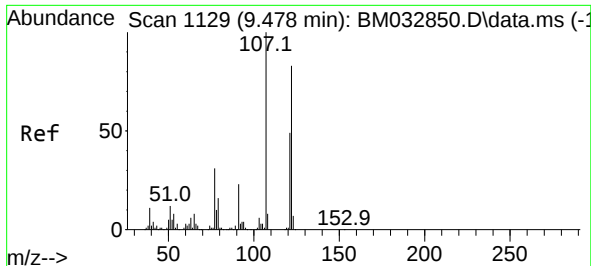
Tgt Ion:136 Resp: 415553
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.0 7.4 11.0
68 5.9 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 99.576 ng
RT: 8.642 min Scan# 987
Delta R.T. -0.006 min
Lab File: BM032883.D
Acq: 04 Nov 2021 20:00

Tgt Ion: 82 Resp: 756017
Ion Ratio Lower Upper
82 100
128 43.7 29.0 43.6#
54 50.7 45.8 68.8





#27

2,4-Dimethylphenol

Concen: 2.884 ng

RT: 9.595 min Scan# 1149

Delta R.T. 0.117 min

Lab File: BM032883.D

Acq: 04 Nov 2021 20:00

Instrument :

BNA_M

ClientSampleId :

RO-COMP-1

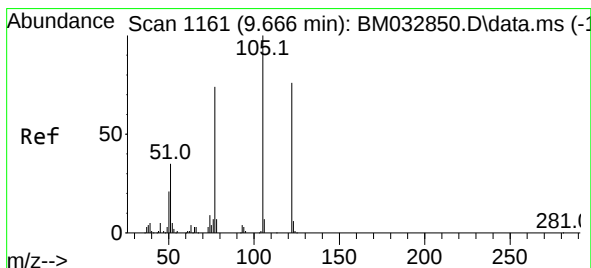
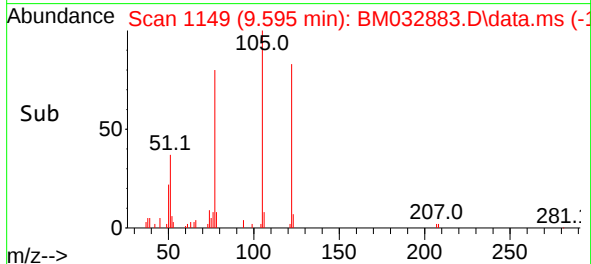
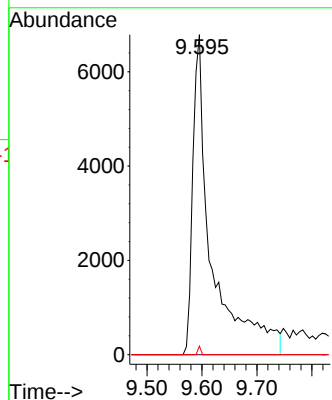
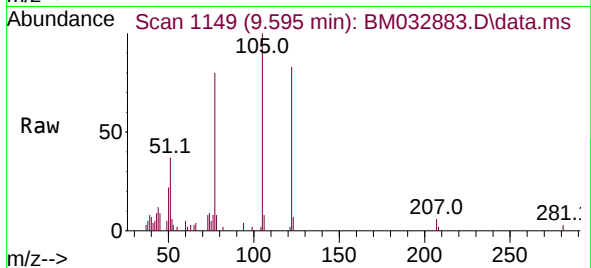
Tgt Ion:122 Resp: 16118

Ion Ratio Lower Upper

122 100

107 0.0 100.6 150.8#

121 2.7 47.3 70.9#



#32

Benzoic acid

Concen: 3.674 ng

RT: 9.595 min Scan# 1149

Delta R.T. -0.071 min

Lab File: BM032883.D

Acq: 04 Nov 2021 20:00

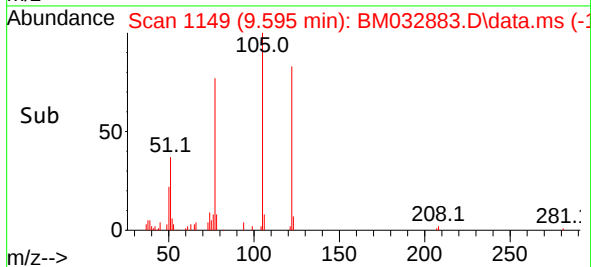
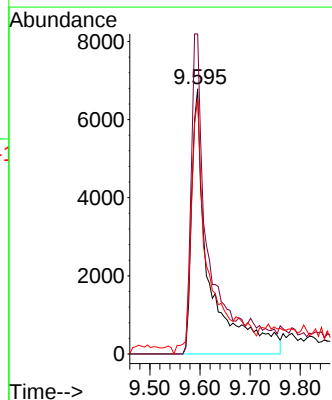
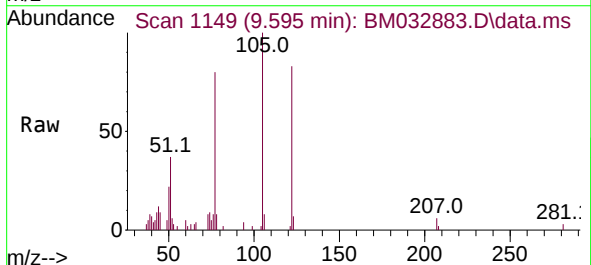
Tgt Ion:122 Resp: 16604

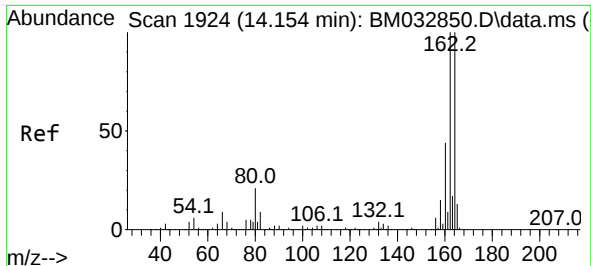
Ion Ratio Lower Upper

122 100

105 120.7 120.3 160.3

77 96.3 100.0 140.0#

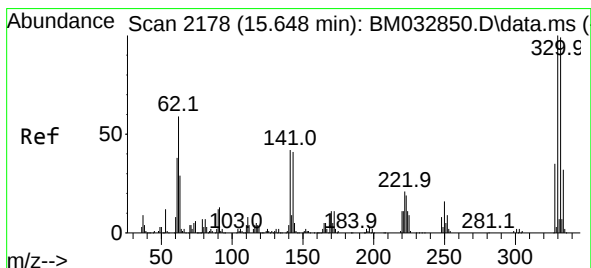
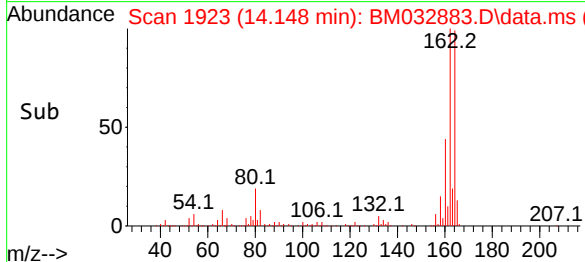
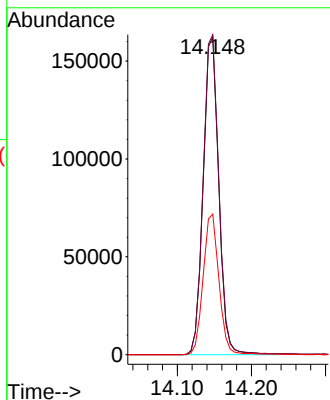
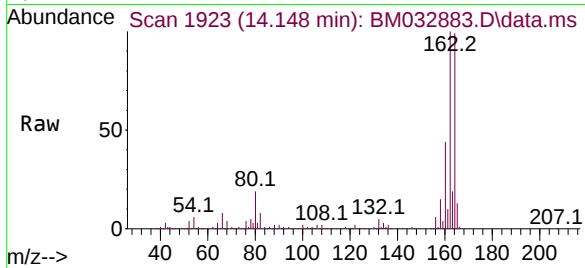




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.148 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BM032883.D
Acq: 04 Nov 2021 20:00

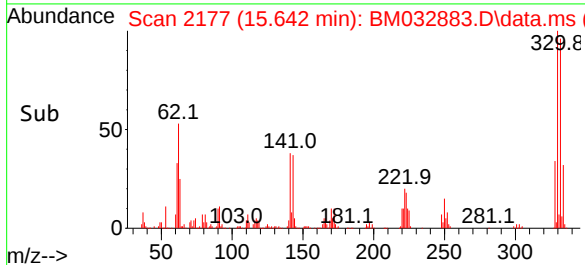
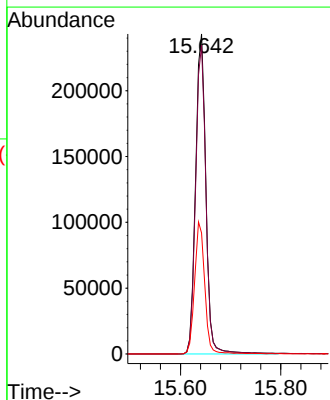
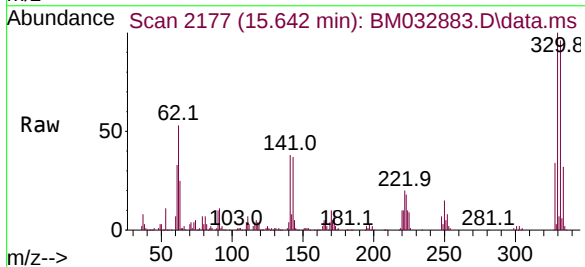
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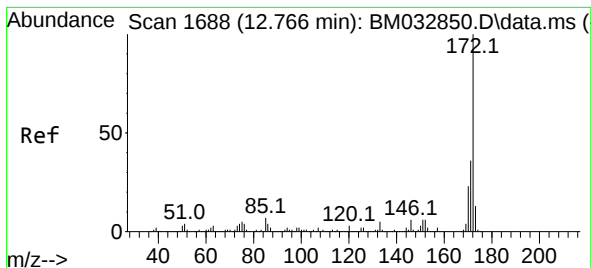
Tgt Ion:164 Resp: 236831
Ion Ratio Lower Upper
164 100
162 100.7 80.6 121.0
160 44.3 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 130.613 ng
RT: 15.642 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM032883.D
Acq: 04 Nov 2021 20:00

Tgt Ion:330 Resp: 346432
Ion Ratio Lower Upper
330 100
332 96.4 75.7 113.5
141 40.5 50.7 76.1#

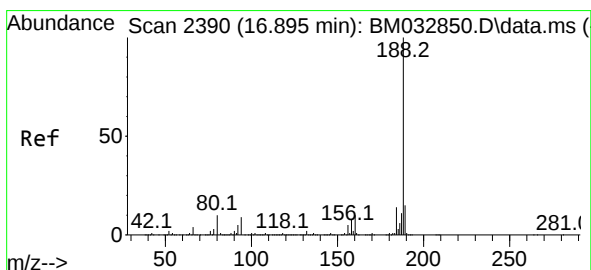
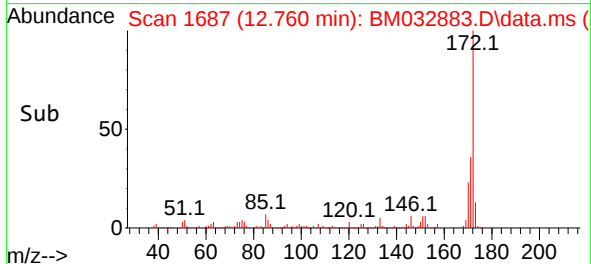
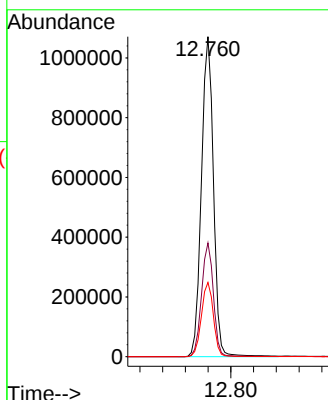
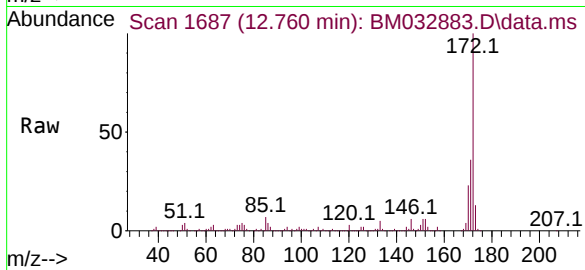




#45
2-Fluorobiphenyl
Concen: 103.065 ng
RT: 12.760 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM032883.D
Acq: 04 Nov 2021 20:00

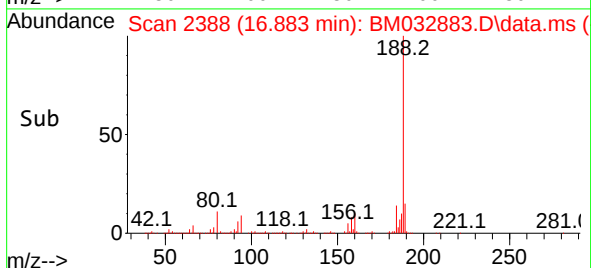
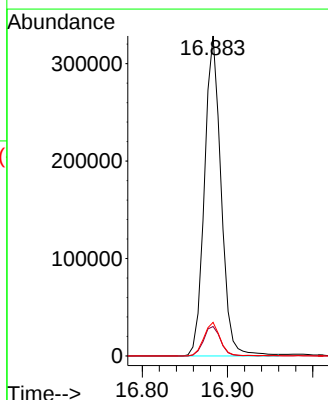
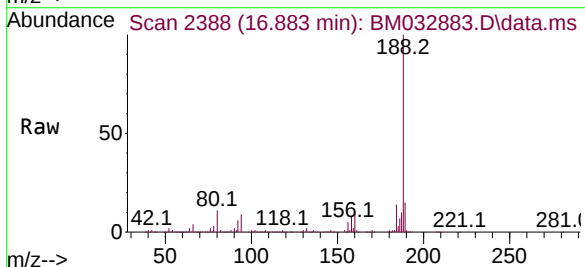
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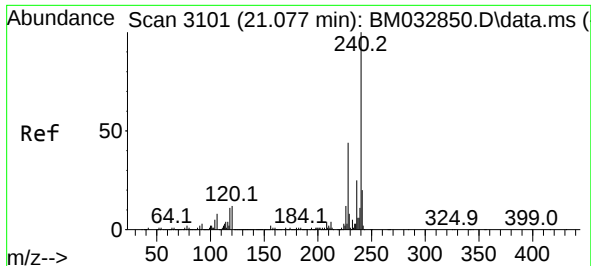
Tgt Ion:172 Resp: 1573770
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 23.2 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.883 min Scan# 2388
Delta R.T. -0.012 min
Lab File: BM032883.D
Acq: 04 Nov 2021 20:00

Tgt Ion:188 Resp: 445137
Ion Ratio Lower Upper
188 100
94 9.2 6.3 9.5
80 10.5 7.3 10.9

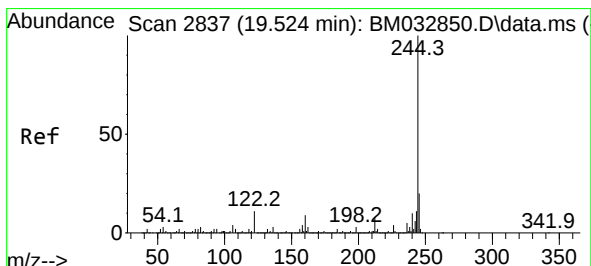
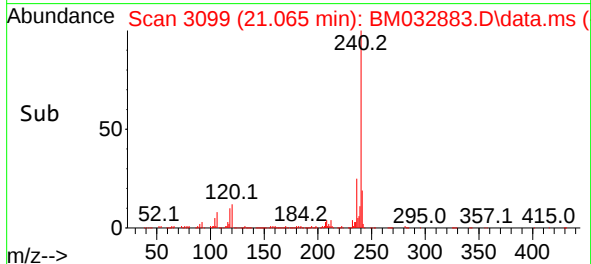
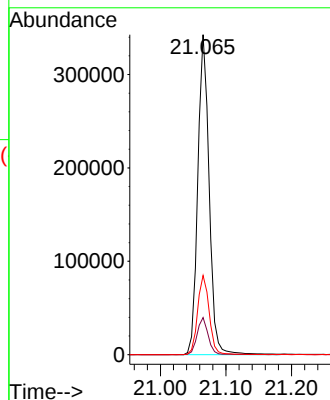
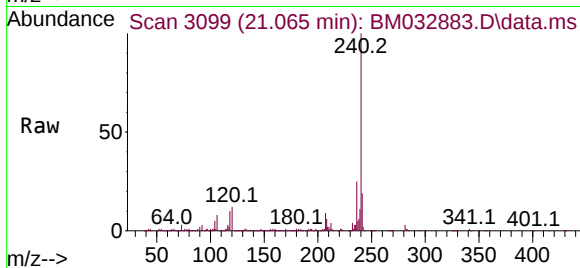




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.065 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BM032883.D
Acq: 04 Nov 2021 20:00

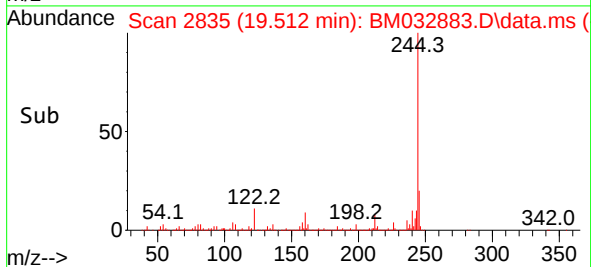
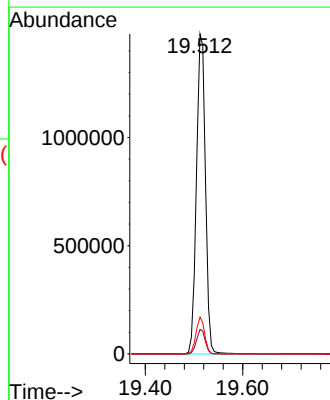
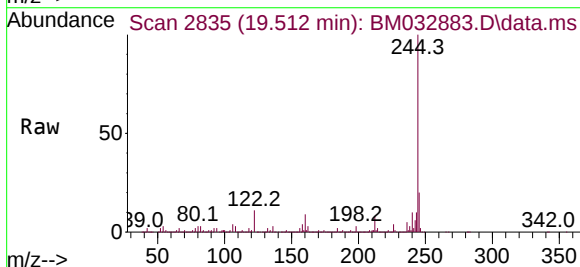
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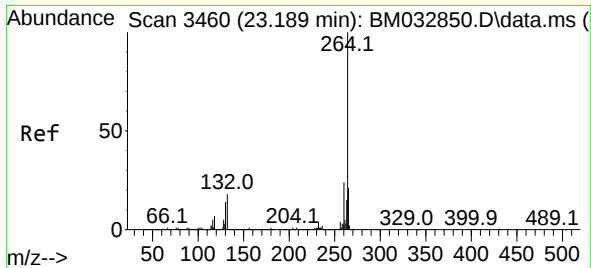
Tgt Ion:240 Resp: 413225
Ion Ratio Lower Upper
240 100
120 11.6 7.8 11.6
236 24.7 20.9 31.3



#79
Terphenyl-d14
Concen: 100.925 ng
RT: 19.512 min Scan# 2835
Delta R.T. -0.012 min
Lab File: BM032883.D
Acq: 04 Nov 2021 20:00

Tgt Ion:244 Resp: 1910203
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 11.5 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: BM032883.D
 Acq: 04 Nov 2021 20:00

Instrument :
 BNA_M
 ClientSampleId :
 RO-COMP-1

Tgt Ion:264 Resp: 436640
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.3 28.9
 265 22.7 18.3 27.5

