

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110821\
 Data File : BM032898.D
 Acq On : 08 Nov 2021 17:05
 Operator : CG/JU
 Sample : M4497-02RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RO-COMP-1

Quant Time: Nov 09 00:24:24 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)

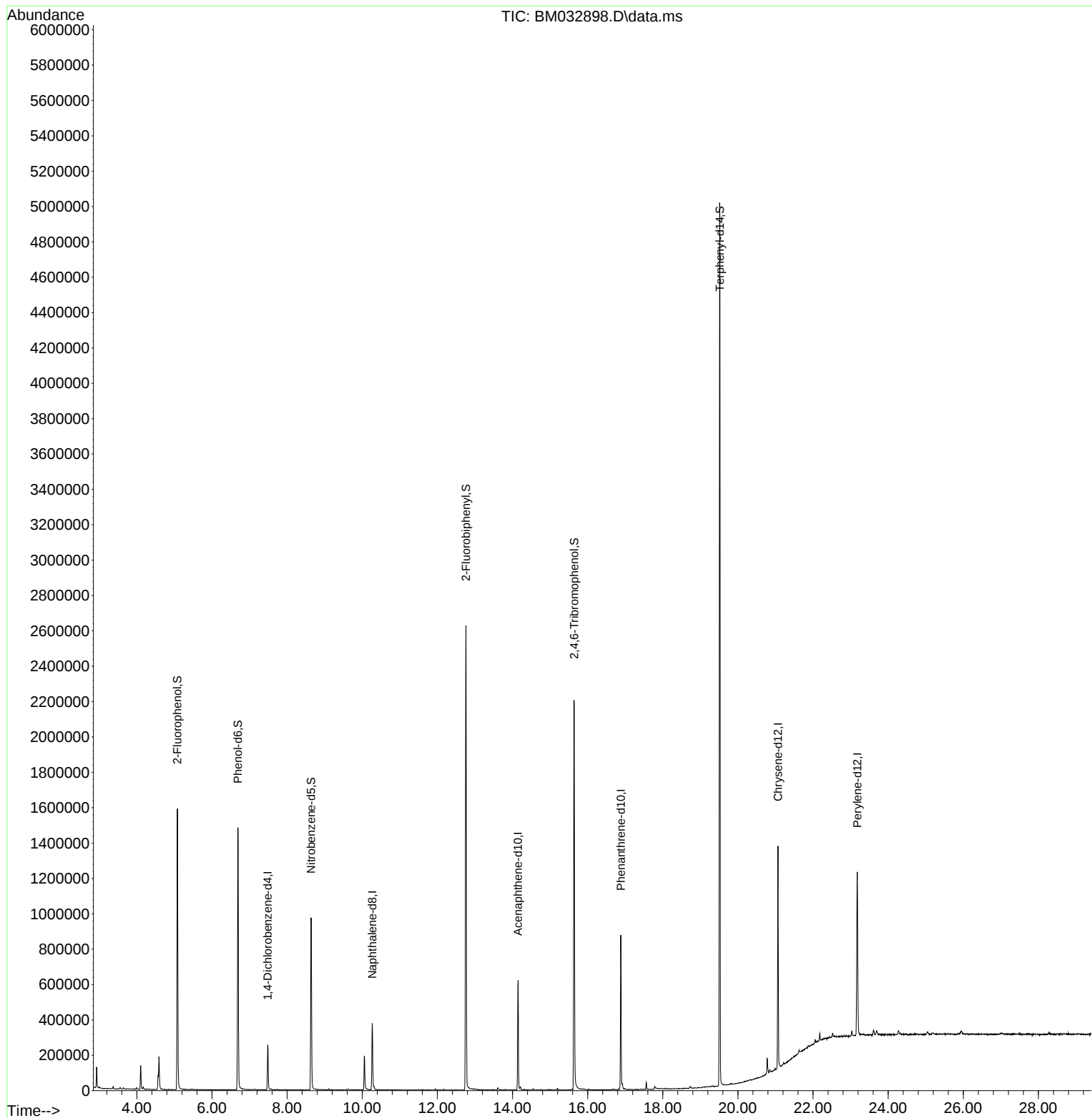
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.484	152	68201	20.000	ng	0.00
21) Naphthalene-d8	10.266	136	294816	20.000	ng	# 0.00
39) Acenaphthene-d10	14.148	164	216082	20.000	ng	0.00
64) Phenanthrene-d10	16.883	188	501601	20.000	ng	-0.01
76) Chrysene-d12	21.065	240	563362	20.000	ng	-0.01
86) Perylene-d12	23.177	264	590554	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.078	112	648986	165.897	ng	0.00
7) Phenol-d6	6.690	99	800861	137.471	ng	0.00
23) Nitrobenzene-d5	8.637	82	549043	101.930	ng	-0.01
42) 2,4,6-Tribromophenol	15.642	330	380044	157.044	ng	0.00
45) 2-Fluorobiphenyl	12.760	172	1345557	96.581	ng	0.00
79) Terphenyl-d14	19.518	244	2344866	90.873	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.925	88	58	Below Cal	#	Qvalue 1

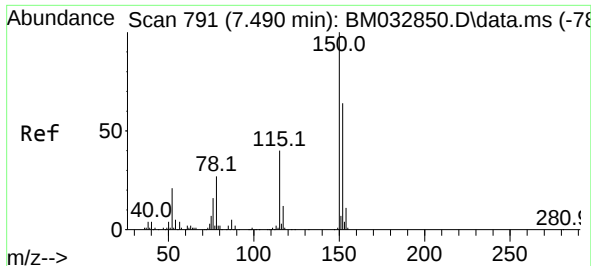
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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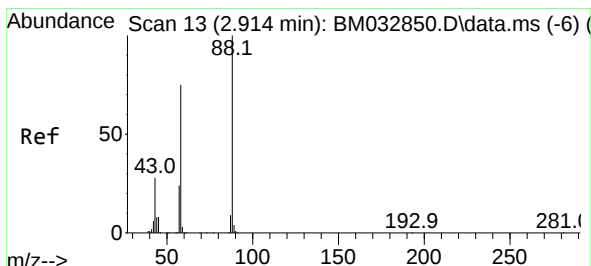
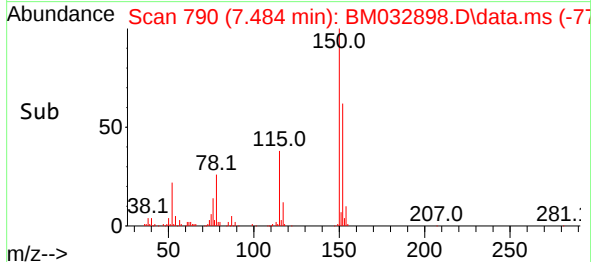
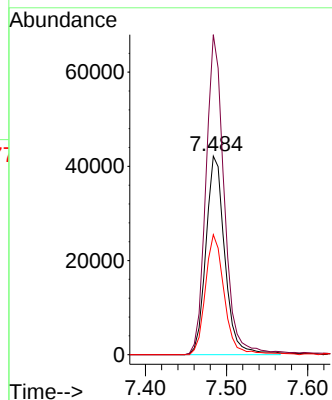
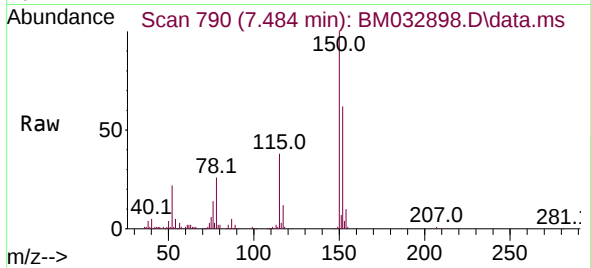




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.484 min Scan# 791
Delta R.T. -0.006 min
Lab File: BM032898.D
Acq: 08 Nov 2021 17:05

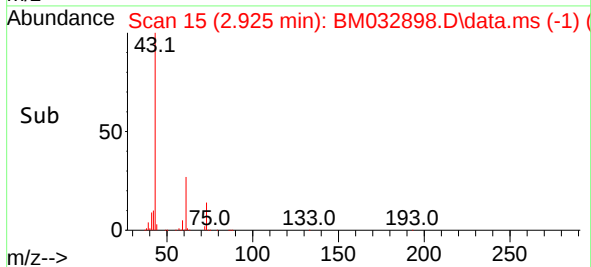
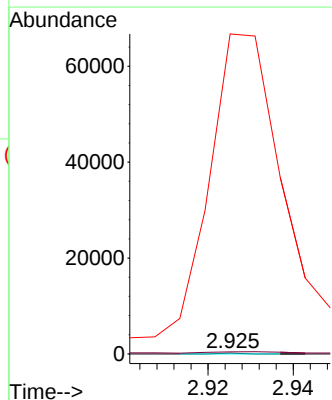
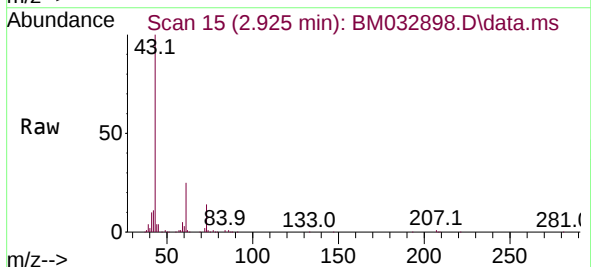
Instrument :
BNA_M
ClientSampleId :
RO-COMP-1

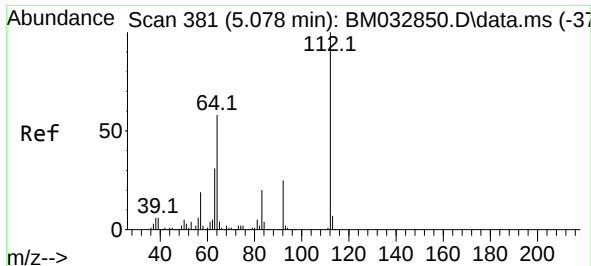
Tgt Ion:152 Resp: 68201
Ion Ratio Lower Upper
152 100
150 161.1 122.4 183.6
115 60.5 53.8 80.8



#2
1,4-Dioxane
Concen: Below Cal
RT: 2.925 min Scan# 15
Delta R.T. 0.011 min
Lab File: BM032898.D
Acq: 08 Nov 2021 17:05

Tgt Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
58 751.7 50.4 75.6#
43 134317.2 22.2 33.2#

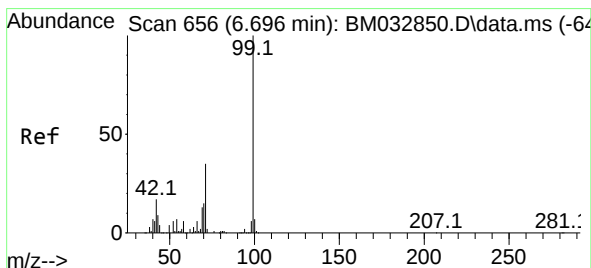
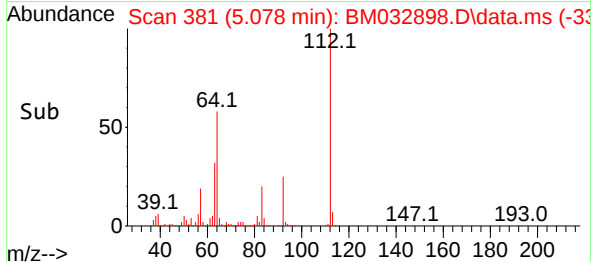
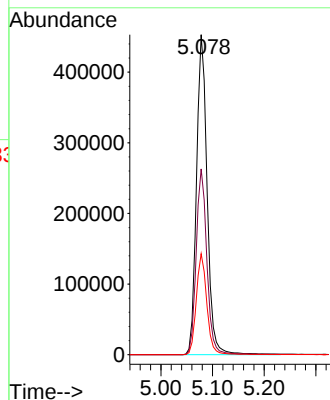
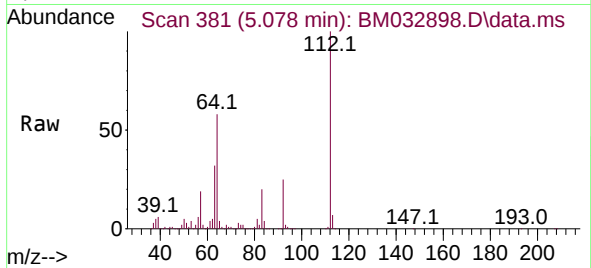




#5
2-Fluorophenol
Concen: 165.897 ng
RT: 5.078 min Scan# 381
Delta R.T. -0.000 min
Lab File: BM032898.D
Acq: 08 Nov 2021 17:05

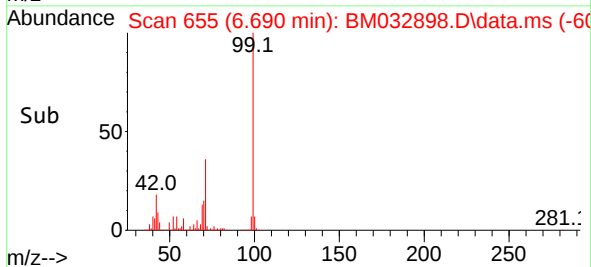
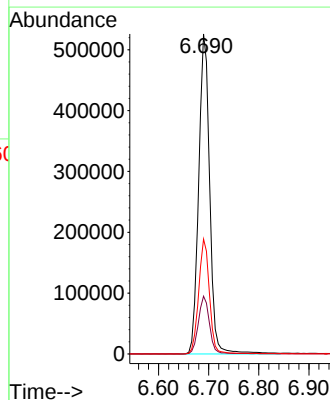
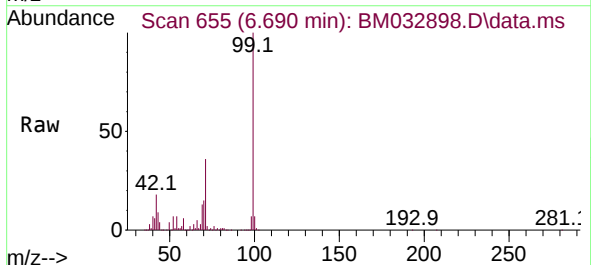
Instrument :
BNA_M
ClientSampleId :
RO-COMP-1

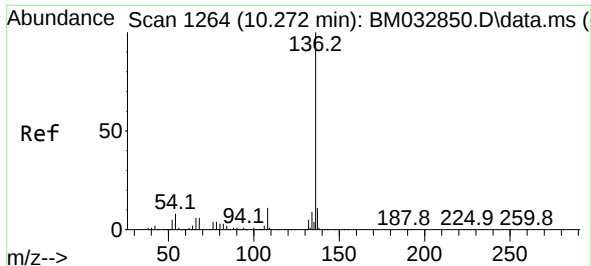
Tgt Ion:112 Resp: 648986
Ion Ratio Lower Upper
112 100
64 58.1 53.7 80.5
63 31.6 33.9 50.9#



#7
Phenol-d6
Concen: 137.471 ng
RT: 6.690 min Scan# 655
Delta R.T. -0.006 min
Lab File: BM032898.D
Acq: 08 Nov 2021 17:05

Tgt Ion: 99 Resp: 800861
Ion Ratio Lower Upper
99 100
42 18.0 23.0 34.6#
71 35.9 37.8 56.8#

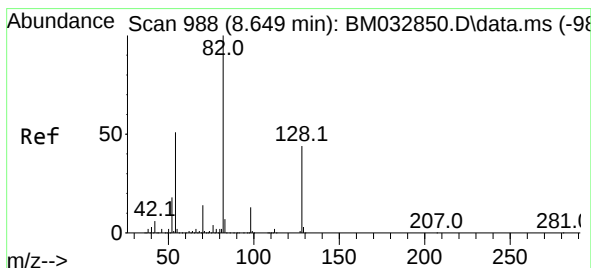
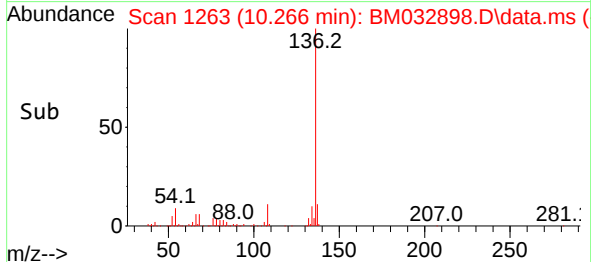
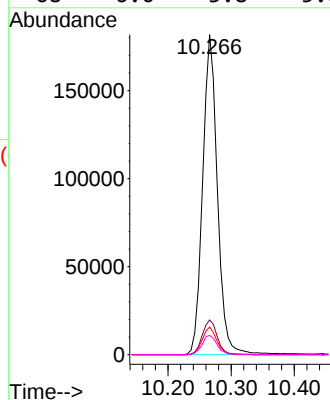
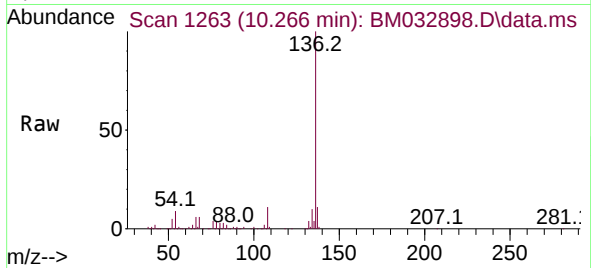




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.266 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM032898.D
Acq: 08 Nov 2021 17:05

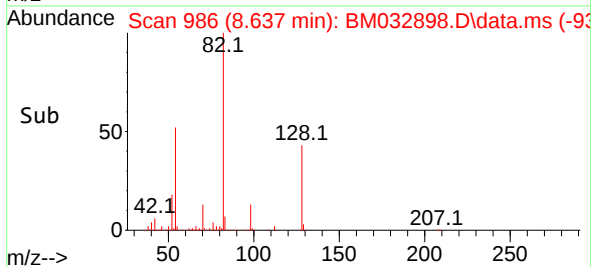
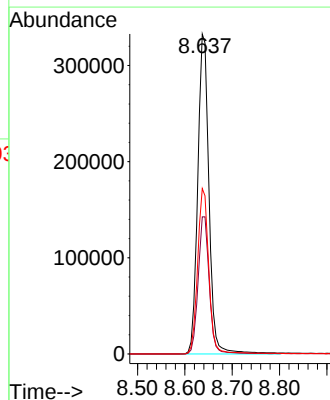
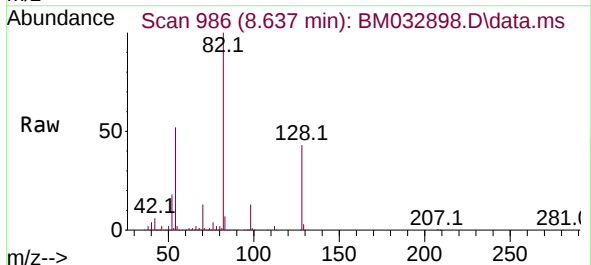
Instrument :
BNA_M
ClientSampleId :
RO-COMP-1

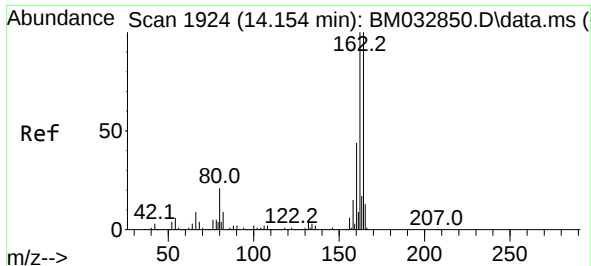
Tgt Ion:136 Resp: 294816
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.6 7.4 11.0
68 6.0 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 101.930 ng
RT: 8.637 min Scan# 986
Delta R.T. -0.012 min
Lab File: BM032898.D
Acq: 08 Nov 2021 17:05

Tgt Ion: 82 Resp: 549043
Ion Ratio Lower Upper
82 100
128 42.9 29.0 43.6
54 51.7 45.8 68.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.148 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BM032898.D

Acq: 08 Nov 2021 17:05

Instrument :

BNA_M

ClientSampleId :

RO-COMP-1

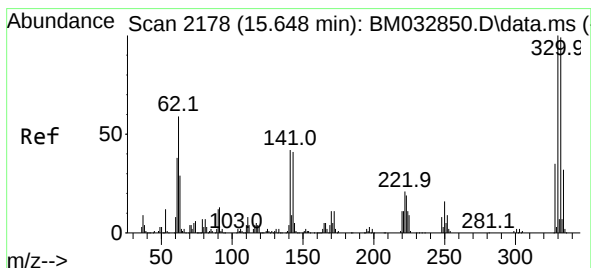
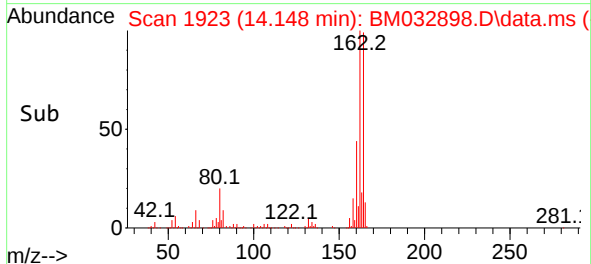
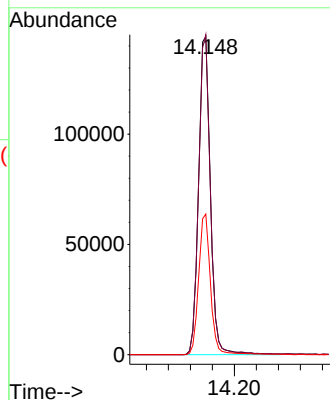
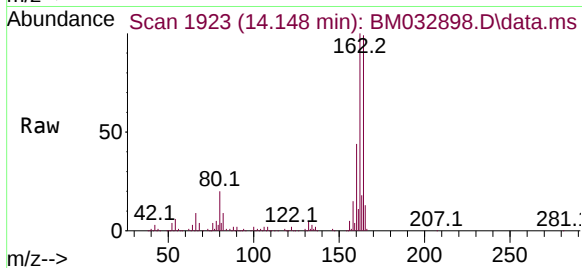
Tgt Ion:164 Resp: 216082

Ion Ratio Lower Upper

164 100

162 100.5 80.6 121.0

160 44.2 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 157.044 ng

RT: 15.642 min Scan# 2177

Delta R.T. -0.006 min

Lab File: BM032898.D

Acq: 08 Nov 2021 17:05

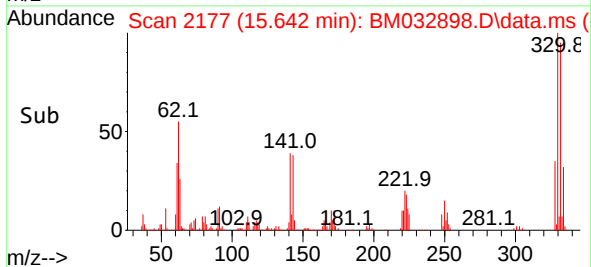
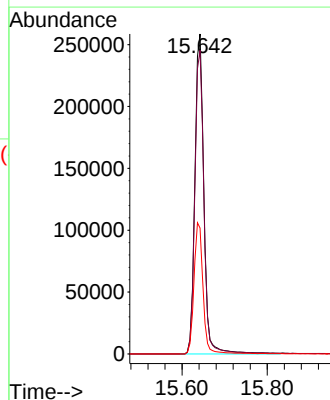
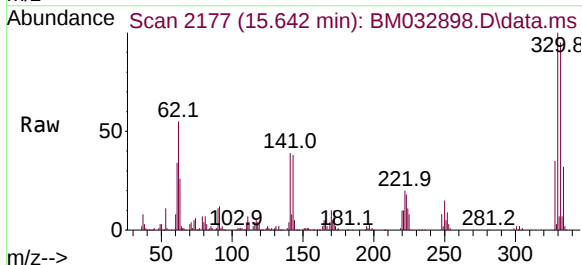
Tgt Ion:330 Resp: 380044

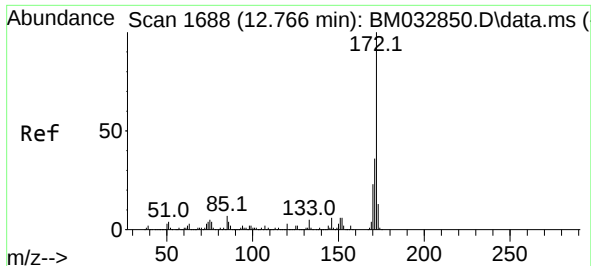
Ion Ratio Lower Upper

330 100

332 95.3 75.7 113.5

141 41.1 50.7 76.1#

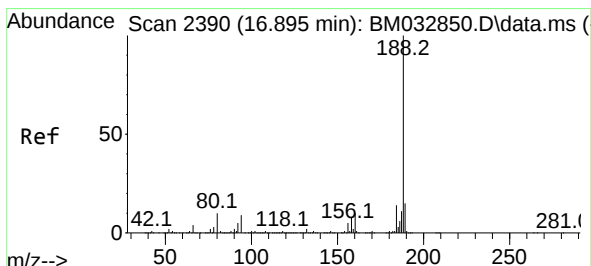
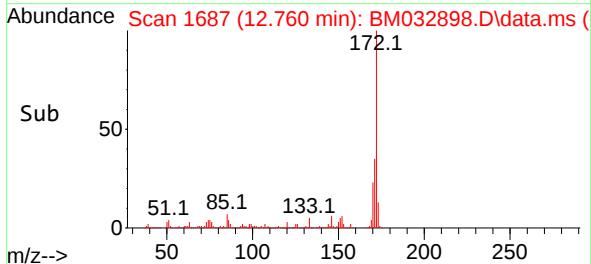
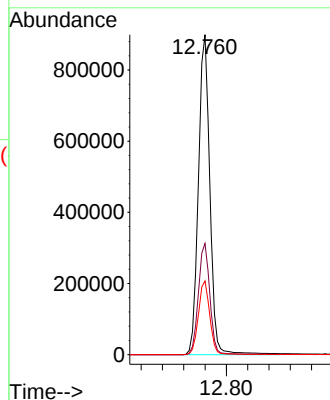
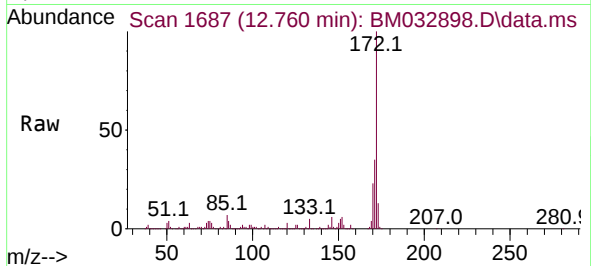




#45
2-Fluorobiphenyl
Concen: 96.581 ng
RT: 12.760 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM032898.D
Acq: 08 Nov 2021 17:05

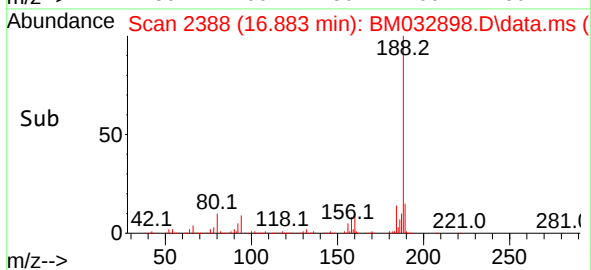
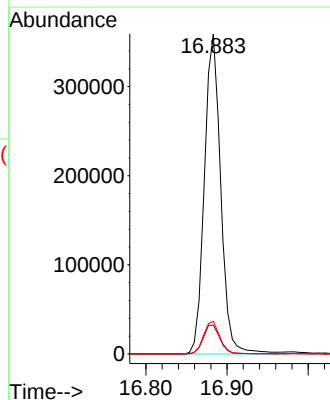
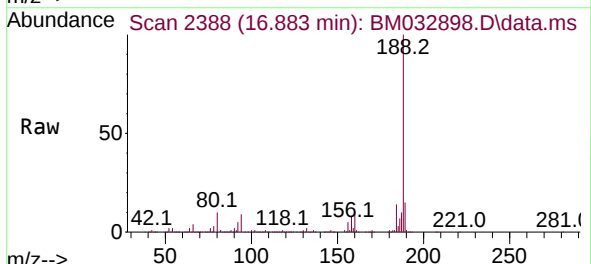
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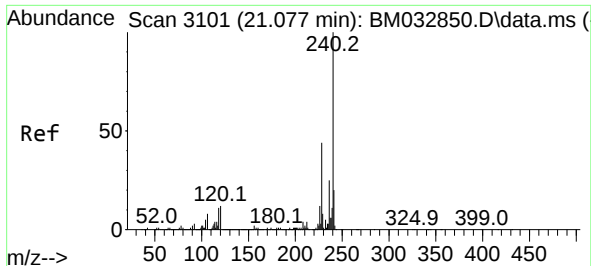
Tgt Ion:172 Resp: 1345557
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.1 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.883 min Scan# 2388
Delta R.T. -0.012 min
Lab File: BM032898.D
Acq: 08 Nov 2021 17:05

Tgt Ion:188 Resp: 501601
Ion Ratio Lower Upper
188 100
94 9.0 6.3 9.5
80 10.2 7.3 10.9

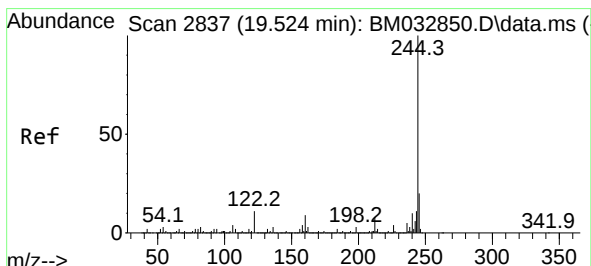
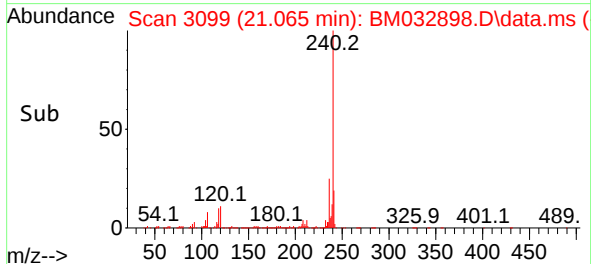
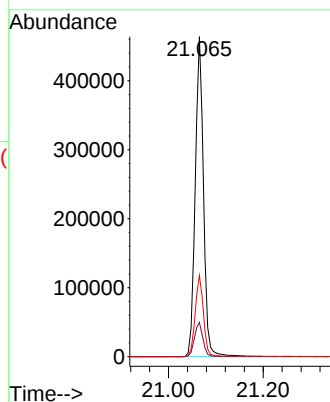
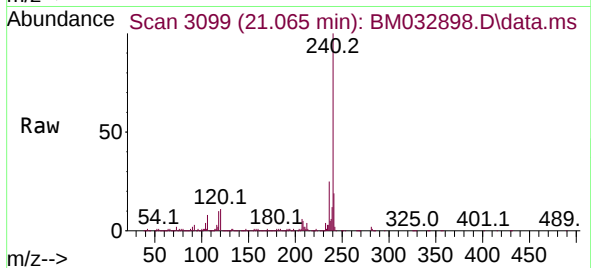




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.065 min Scan# 30
Delta R.T. -0.012 min
Lab File: BM032898.D
Acq: 08 Nov 2021 17:05

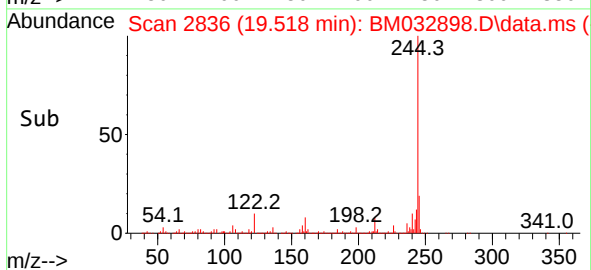
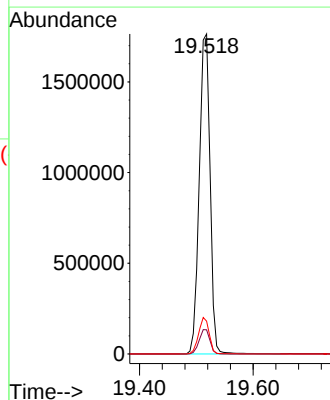
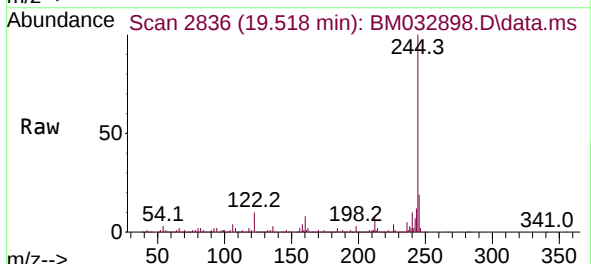
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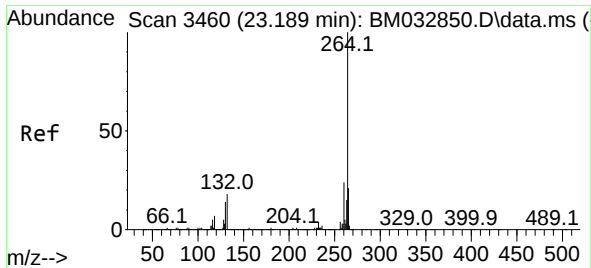
Tgt Ion:240 Resp: 563362
Ion Ratio Lower Upper
240 100
120 10.7 7.8 11.6
236 25.4 20.9 31.3



#79
Terphenyl-d14
Concen: 90.873 ng
RT: 19.518 min Scan# 2836
Delta R.T. -0.006 min
Lab File: BM032898.D
Acq: 08 Nov 2021 17:05

Tgt Ion:244 Resp: 2344866
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 10.3 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: BM032898.D
 Acq: 08 Nov 2021 17:05

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:264 Resp: 590554
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 22.1 18.3 27.5

