

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
 Data File : BM033294.D
 Acq On : 03 Dec 2021 19:50
 Operator : CG/JU
 Sample : M4910-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-4

Quant Time: Dec 06 00:50:46 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 24 15:16:33 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

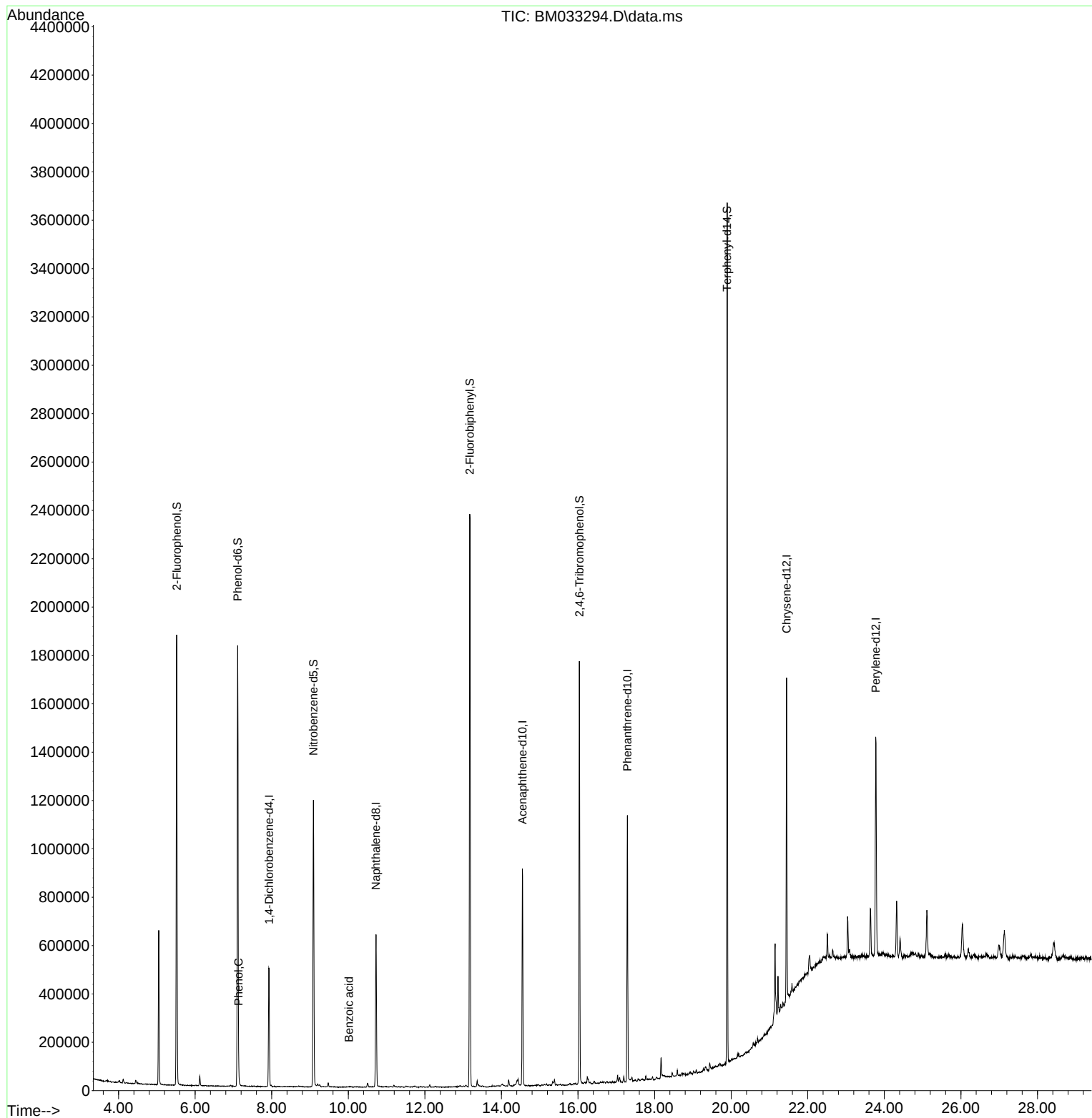
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	126271	20.000	ng	0.00
21) Naphthalene-d8	10.725	136	498379	20.000	ng	#-0.01
39) Acenaphthene-d10	14.548	164	297785	20.000	ng	-0.01
64) Phenanthrene-d10	17.289	188	617821	20.000	ng	# 0.00
76) Chrysene-d12	21.448	240	609134	20.000	ng	# 0.00
86) Perylene-d12	23.777	264	622286	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	719550	94.103	ng	0.01
7) Phenol-d6	7.113	99	972491	94.963	ng	0.02
23) Nitrobenzene-d5	9.090	82	688656	64.147	ng	-0.01
42) 2,4,6-Tribromophenol	16.036	330	254137	78.289	ng	0.00
45) 2-Fluorobiphenyl	13.177	172	1201500	56.903	ng	0.00
79) Terphenyl-d14	19.895	244	1548216	50.259	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.113	77	3306	Below Cal	#	7
10) Phenol	7.137	94	21372	2.064	ng	91
32) Benzoic acid	10.019	122	59	5.230	ng	# 79

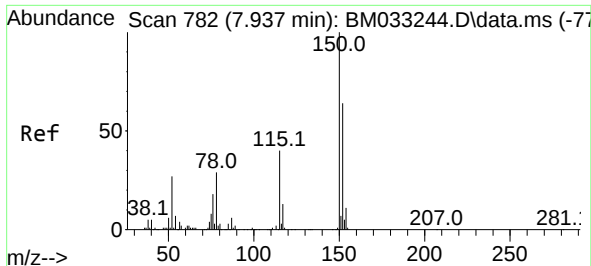
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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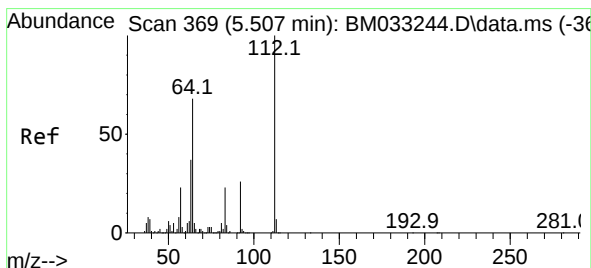
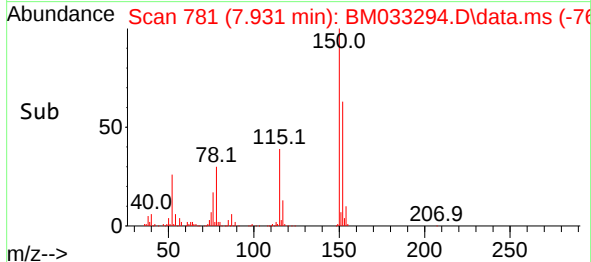
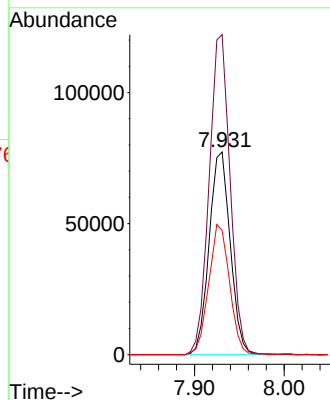
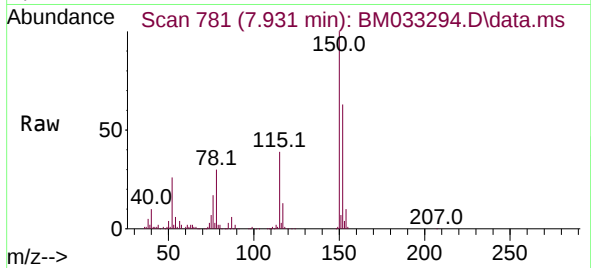




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM033294.D
Acq: 03 Dec 2021 19:50

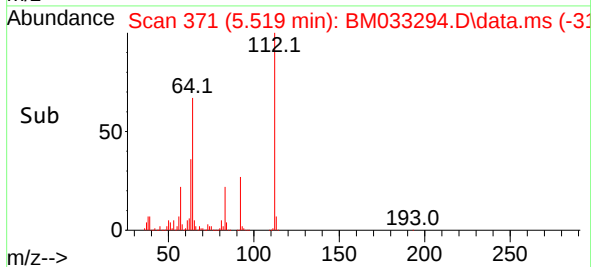
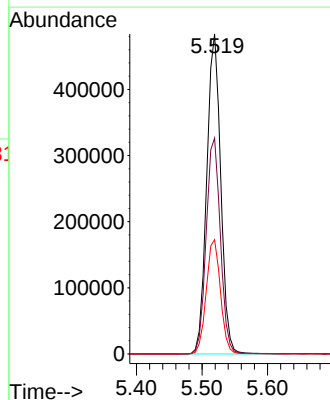
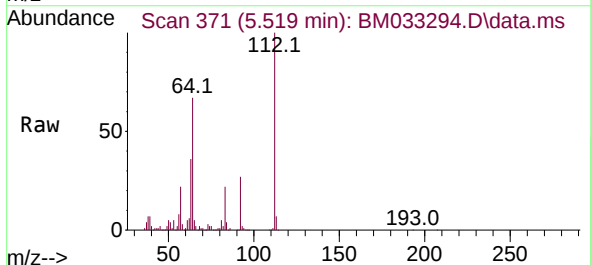
Instrument :
BNA_M
ClientSampleId :
SP-1-4

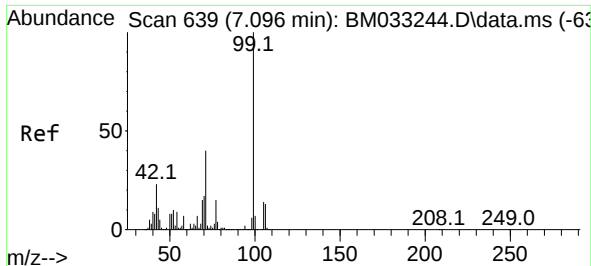
Tgt Ion:152 Resp: 126271
Ion Ratio Lower Upper
152 100
150 157.8 122.4 183.6
115 61.2 53.8 80.8



#5
2-Fluorophenol
Concen: 94.103 ng
RT: 5.519 min Scan# 371
Delta R.T. 0.012 min
Lab File: BM033294.D
Acq: 03 Dec 2021 19:50

Tgt Ion:112 Resp: 719550
Ion Ratio Lower Upper
112 100
64 67.5 53.7 80.5
63 35.7 33.9 50.9

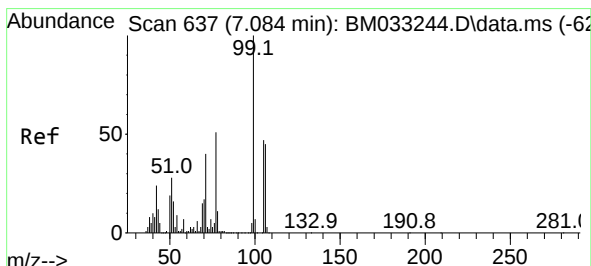
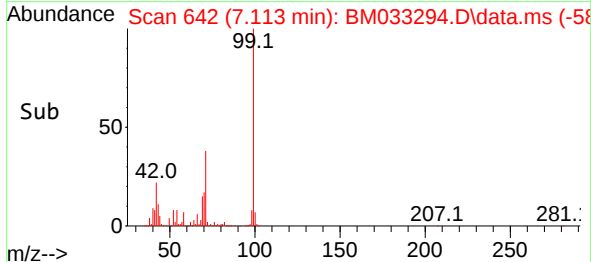
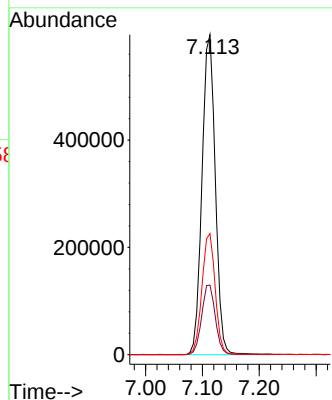
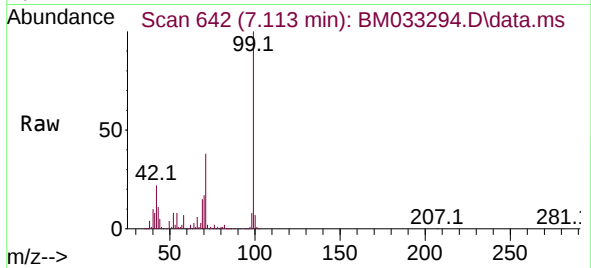




#7
Phenol-d6
Concen: 94.963 ng
RT: 7.113 min Scan# 642
Delta R.T. 0.018 min
Lab File: BM033294.D
Acq: 03 Dec 2021 19:50

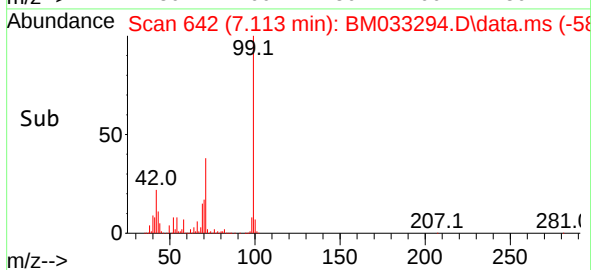
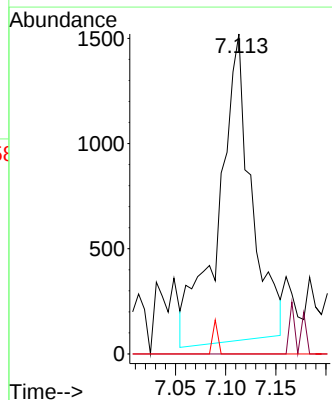
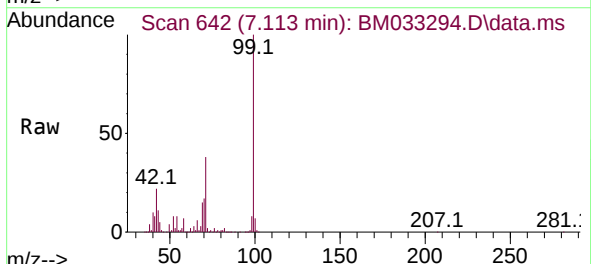
Instrument :
BNA_M
ClientSampleId :
SP-1-4

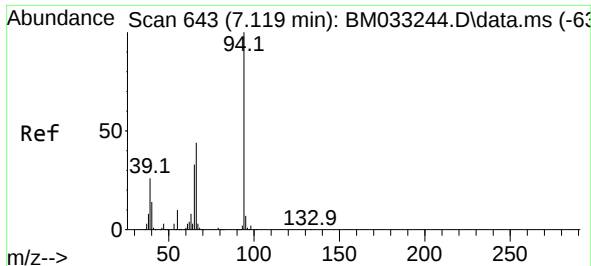
Tgt Ion: 99 Resp: 972491
Ion Ratio Lower Upper
99 100
42 21.8 23.0 34.6#
71 37.8 37.8 56.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.113 min Scan# 642
Delta R.T. 0.029 min
Lab File: BM033294.D
Acq: 03 Dec 2021 19:50

Tgt Ion: 77 Resp: 3306
Ion Ratio Lower Upper
77 100
105 0.0 68.9 108.9#
106 0.0 61.2 101.2#

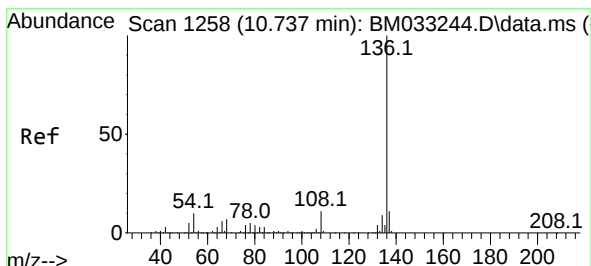
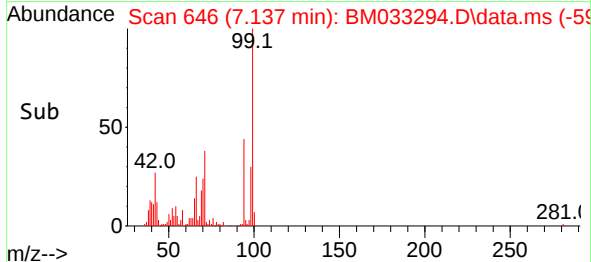
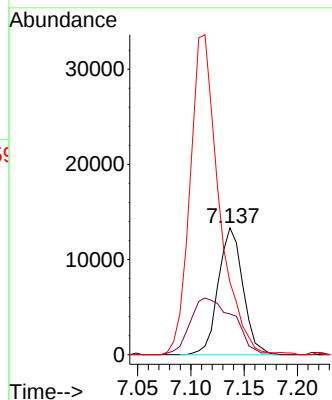
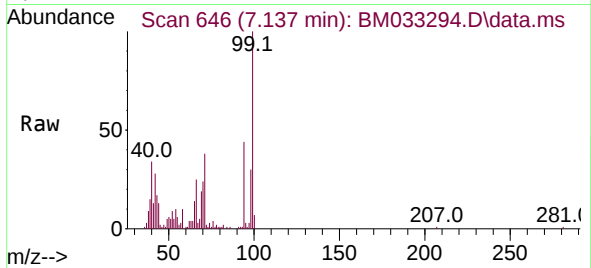




#10
Phenol
Concen: 2.064 ng
RT: 7.137 min Scan# 64
Delta R.T. 0.018 min
Lab File: BM033294.D
Acq: 03 Dec 2021 19:50

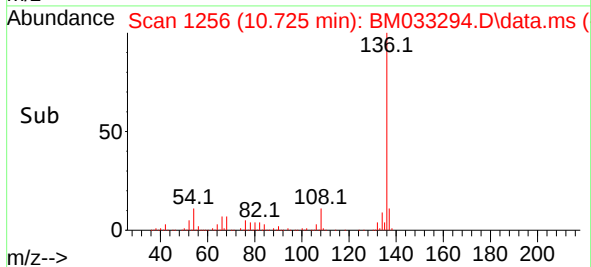
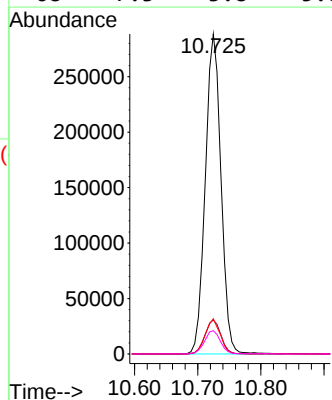
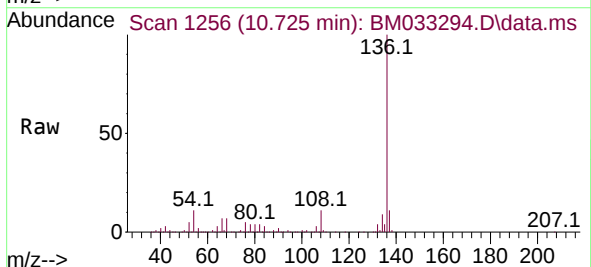
Instrument :
BNA_M
ClientSampleId :
SP-1-4

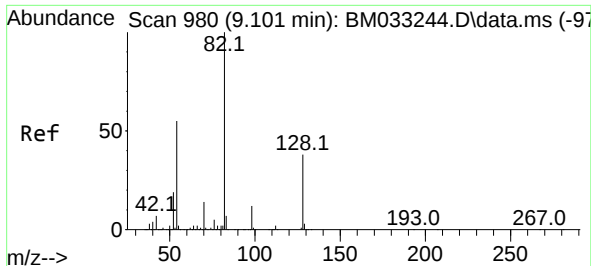
Tgt Ion: 94 Resp: 21372
Ion Ratio Lower Upper
94 100
65 32.2 16.9 56.9
66 57.0 30.0 70.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 1256
Delta R.T. -0.012 min
Lab File: BM033294.D
Acq: 03 Dec 2021 19:50

Tgt Ion:136 Resp: 498379
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 11.0 7.4 11.0
68 7.3 3.8 5.8#





#23

Nitrobenzene-d5

Concen: 64.147 ng

RT: 9.090 min Scan# 91

Delta R.T. -0.012 min

Lab File: BM033294.D

Acq: 03 Dec 2021 19:50

Instrument :

BNA_M

ClientSampleId :

SP-1-4

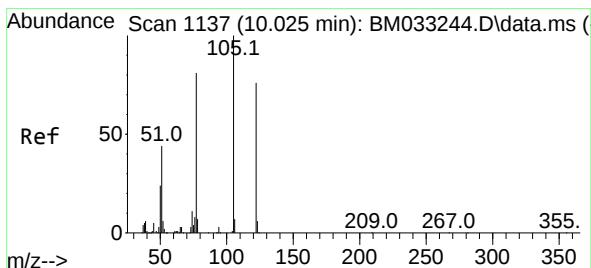
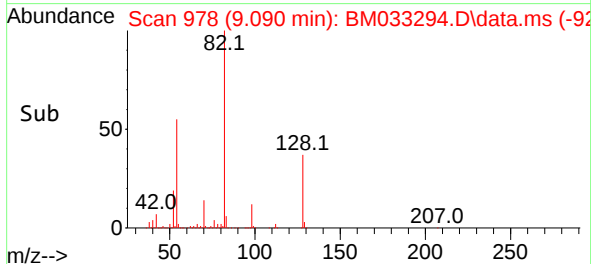
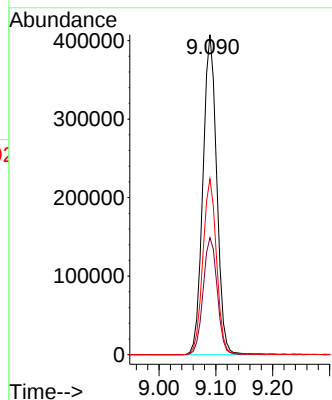
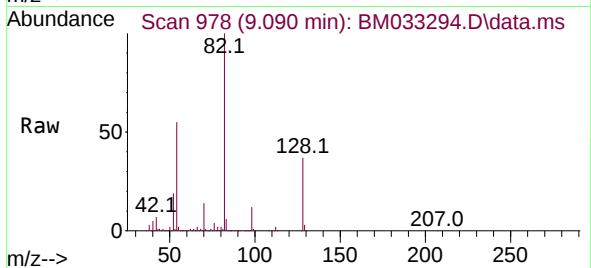
Tgt Ion: 82 Resp: 688656

Ion Ratio Lower Upper

82 100

128 36.5 29.0 43.6

54 54.9 45.8 68.8



#32

Benzoic acid

Concen: 5.230 ng

RT: 10.019 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BM033294.D

Acq: 03 Dec 2021 19:50

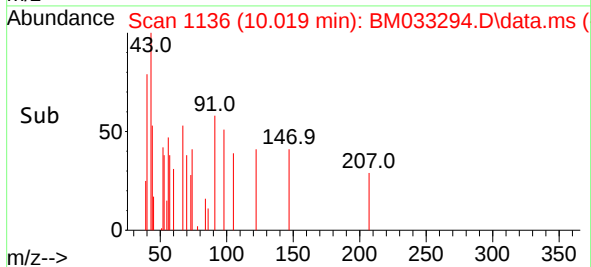
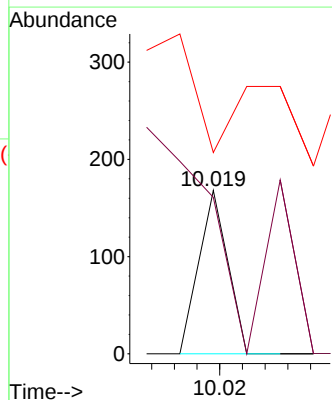
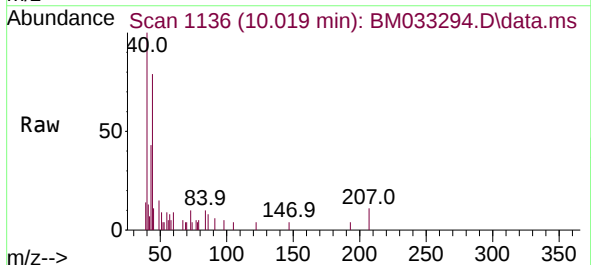
Tgt Ion: 122 Resp: 59

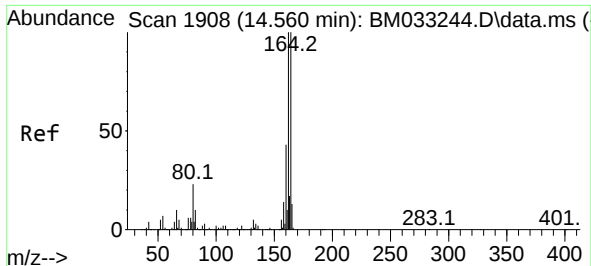
Ion Ratio Lower Upper

122 100

105 95.8 120.3 160.3#

77 123.2 100.0 140.0

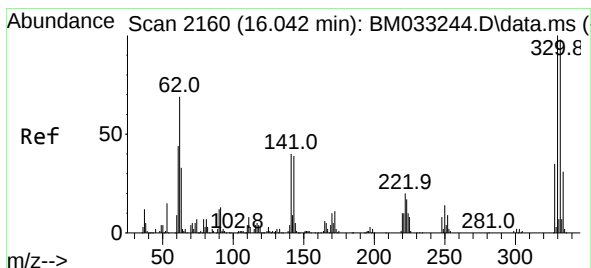
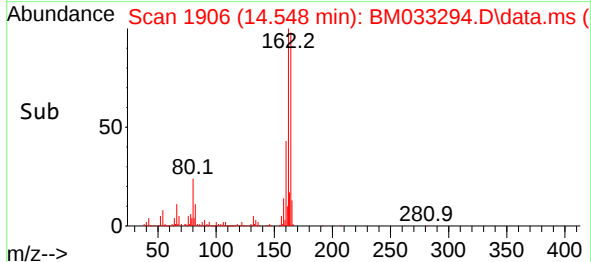
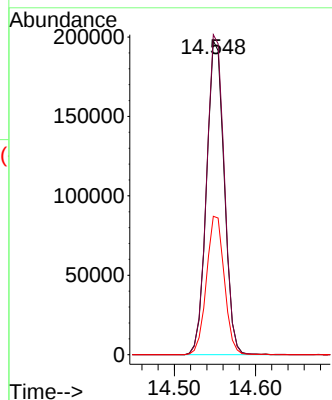
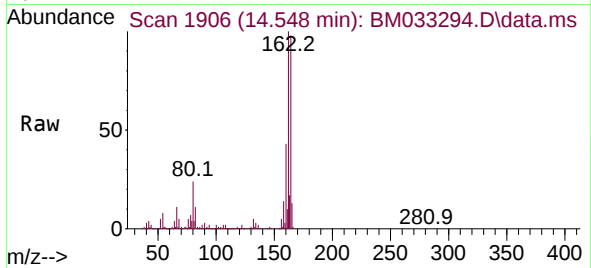




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.548 min Scan# 1906
Delta R.T. -0.012 min
Lab File: BM033294.D
Acq: 03 Dec 2021 19:50

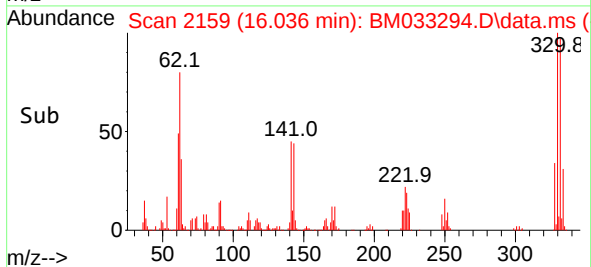
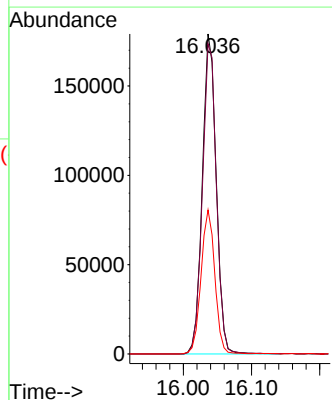
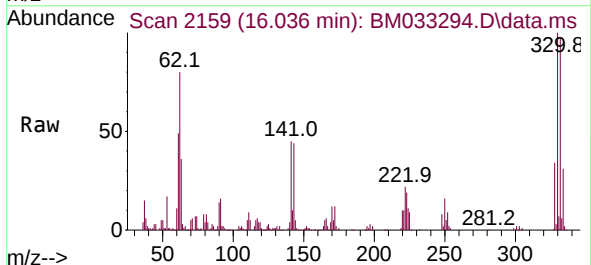
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SP-1-4

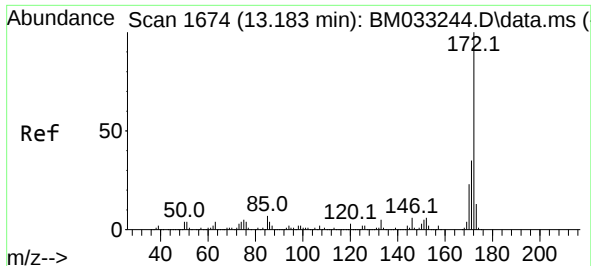
Tgt Ion:164 Resp: 297785
Ion Ratio Lower Upper
164 100
162 101.9 80.6 121.0
160 44.1 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 78.289 ng
RT: 16.036 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BM033294.D
Acq: 03 Dec 2021 19:50

Tgt Ion:330 Resp: 254137
Ion Ratio Lower Upper
330 100
332 97.5 75.7 113.5
141 44.7 50.7 76.1#

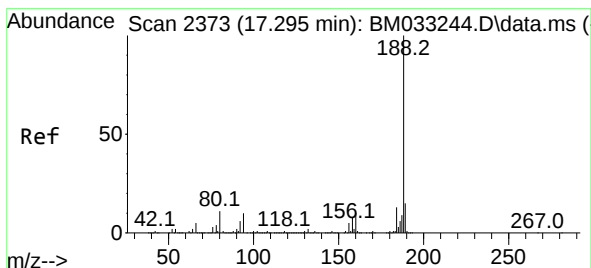
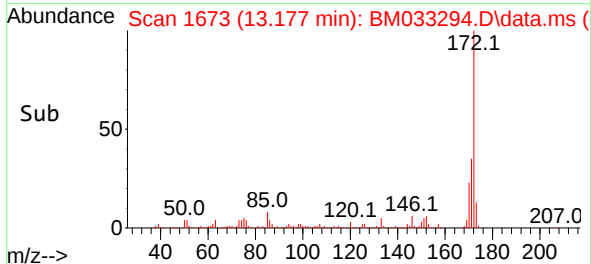
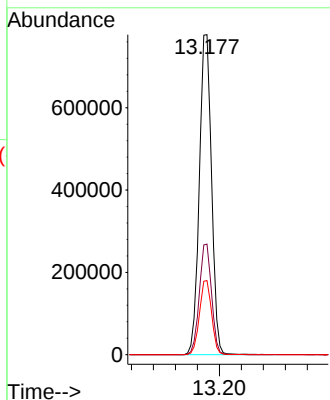
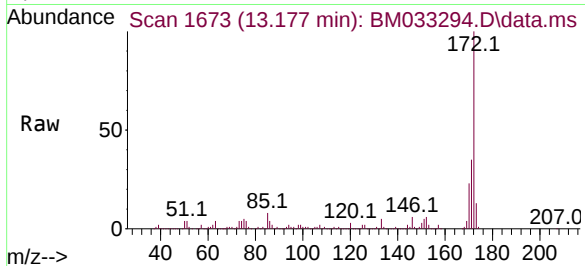




#45
2-Fluorobiphenyl
Concen: 56.903 ng
RT: 13.177 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033294.D
Acq: 03 Dec 2021 19:50

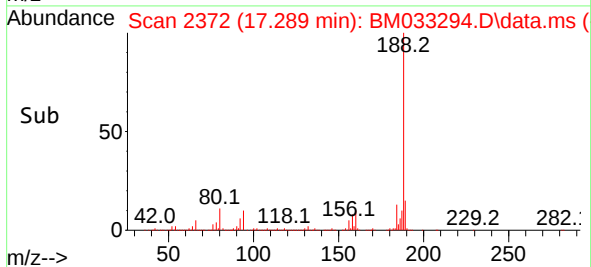
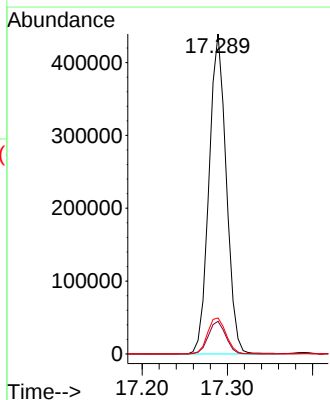
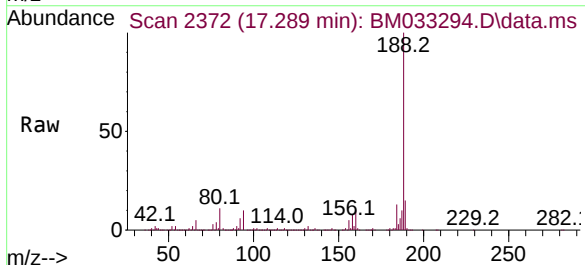
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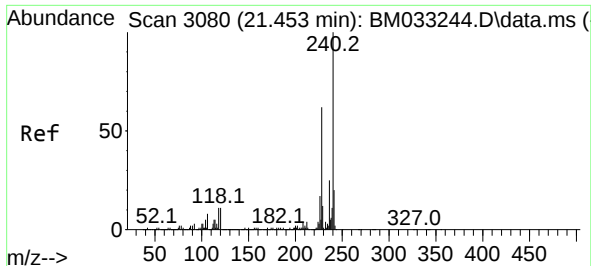
Tgt Ion:172 Resp: 1201500
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.2 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BM033294.D
Acq: 03 Dec 2021 19:50

Tgt Ion:188 Resp: 617821
Ion Ratio Lower Upper
188 100
94 10.2 6.3 9.5#
80 11.3 7.3 10.9#

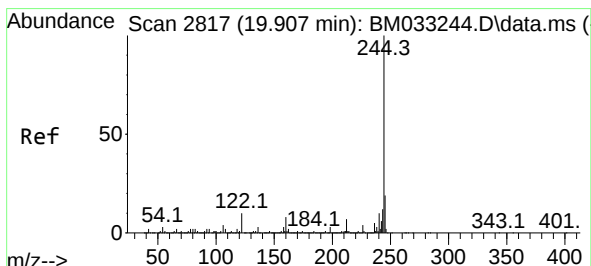
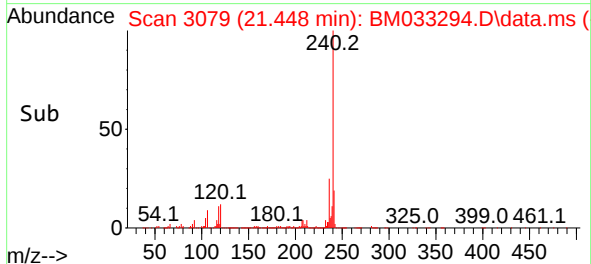
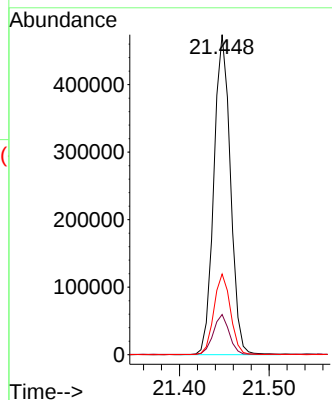
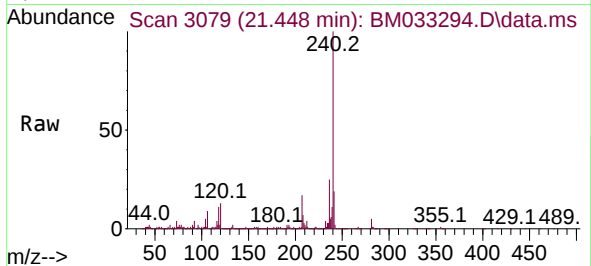




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BM033294.D
Acq: 03 Dec 2021 19:50

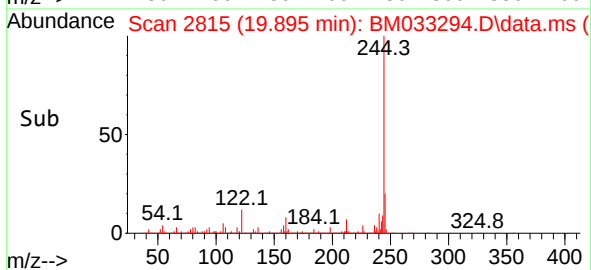
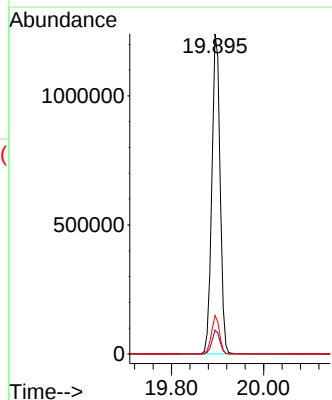
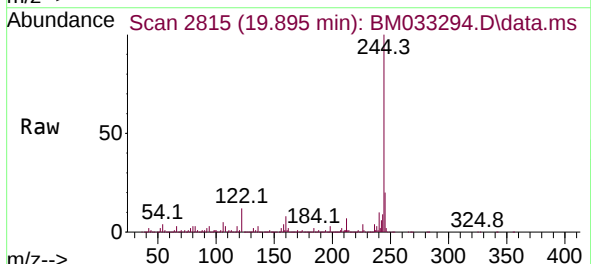
Instrument :
BNA_M
ClientSampleId :
SP-1-4

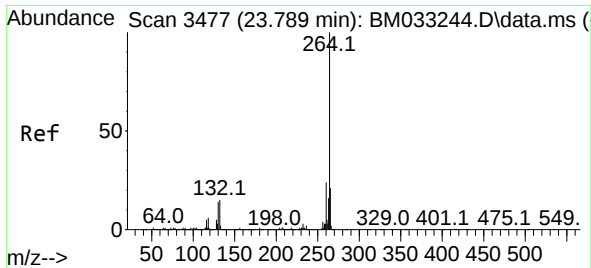
Tgt Ion:240 Resp: 609134
Ion Ratio Lower Upper
240 100
120 12.5 7.8 11.6#
236 25.2 20.9 31.3



#79
Terphenyl-d14
Concen: 50.259 ng
RT: 19.895 min Scan# 2815
Delta R.T. -0.012 min
Lab File: BM033294.D
Acq: 03 Dec 2021 19:50

Tgt Ion:244 Resp: 1548216
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 12.0 8.7 13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.777 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM033294.D
Acq: 03 Dec 2021 19:50

Instrument :
BNA_M
ClientSampleId :
SP-1-4

Tgt Ion:264 Resp: 622286

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	22.8	18.3	27.5

