

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
 Data File : BM033293.D
 Acq On : 03 Dec 2021 19:14
 Operator : CG/JU
 Sample : M4908-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TW-1

Quant Time: Dec 06 00:50:38 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)

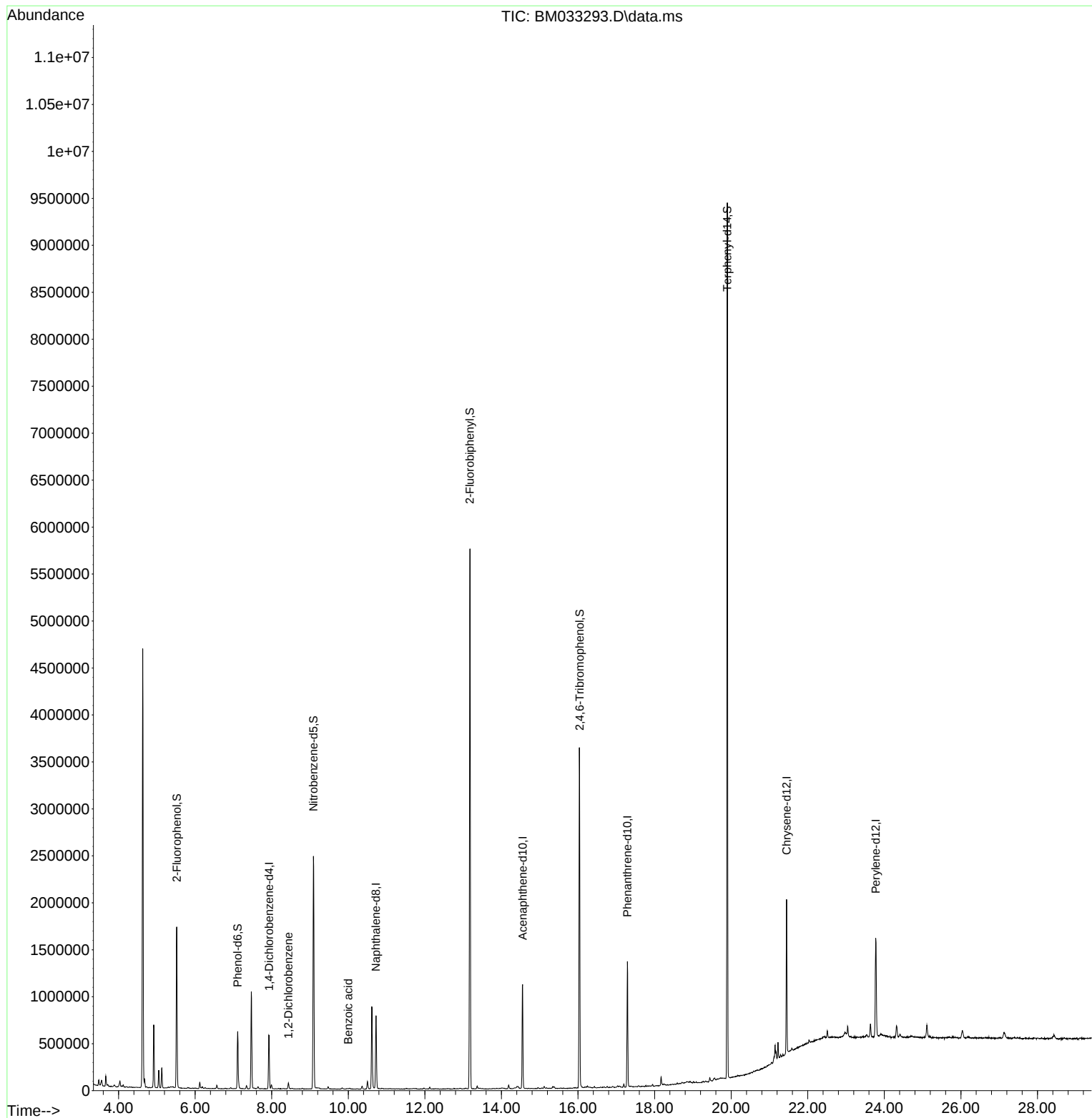
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	150769	20.000	ng	0.00
21) Naphthalene-d8	10.725	136	603352	20.000	ng	#-0.01
39) Acenaphthene-d10	14.554	164	373390	20.000	ng	0.00
64) Phenanthrene-d10	17.289	188	770672	20.000	ng	# 0.00
76) Chrysene-d12	21.447	240	749973	20.000	ng	# 0.00
86) Perylene-d12	23.777	264	750168	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	659196	72.202	ng	0.01
7) Phenol-d6	7.113	99	326728	26.721	ng	0.02
23) Nitrobenzene-d5	9.089	82	1459101	112.267	ng	-0.01
42) 2,4,6-Tribromophenol	16.042	330	546286	134.213	ng	0.00
45) 2-Fluorobiphenyl	13.177	172	2775905	104.847	ng	0.00
79) Terphenyl-d14	19.900	244	4073323	107.398	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.078	77	1000	Below Cal	#	71
14) 1,2-Dichlorobenzene	8.437	146	22778	2.087	ng	# 45
32) Benzoic acid	10.001	122	113	5.237	ng	# 54

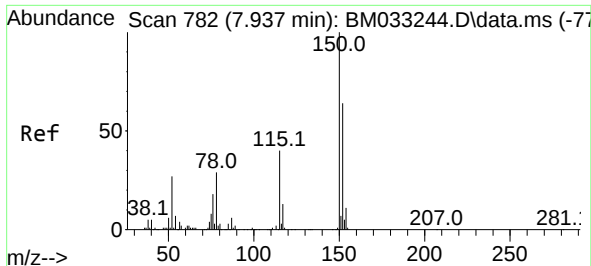
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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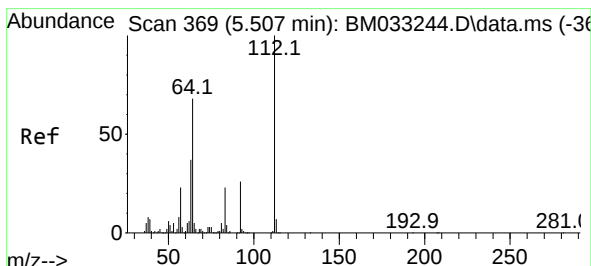
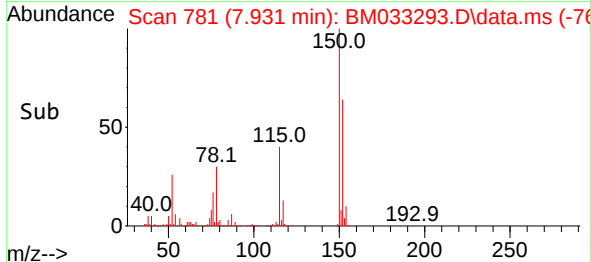
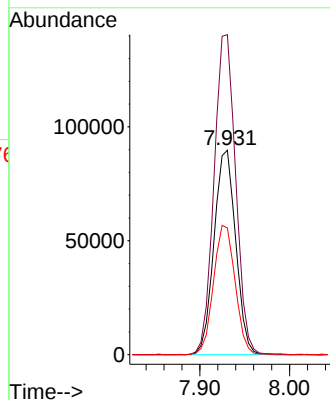
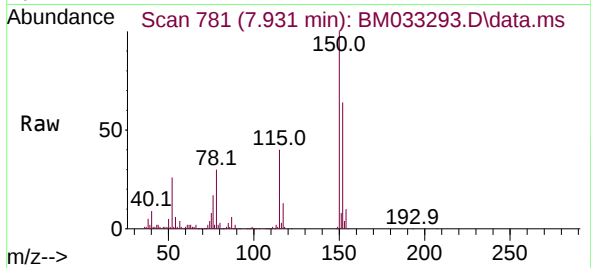




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM033293.D
Acq: 03 Dec 2021 19:14

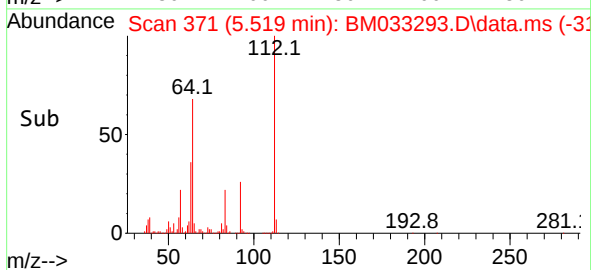
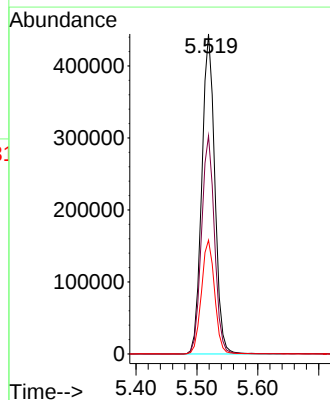
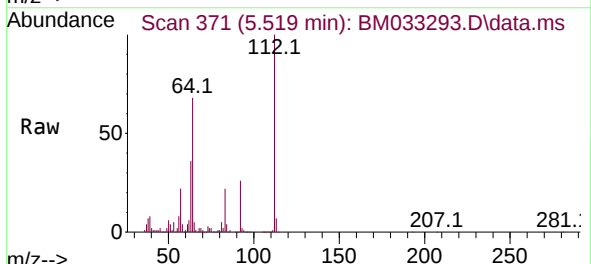
Instrument :
BNA_M
ClientSampleId :
TW-1

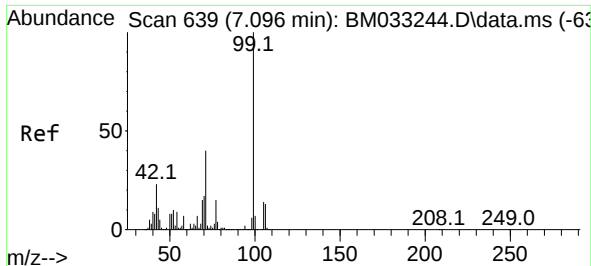
Tgt Ion:152 Resp: 150769
Ion Ratio Lower Upper
152 100
150 156.5 122.4 183.6
115 62.0 53.8 80.8



#5
2-Fluorophenol
Concen: 72.202 ng
RT: 5.519 min Scan# 371
Delta R.T. 0.012 min
Lab File: BM033293.D
Acq: 03 Dec 2021 19:14

Tgt Ion:112 Resp: 659196
Ion Ratio Lower Upper
112 100
64 68.1 53.7 80.5
63 35.6 33.9 50.9

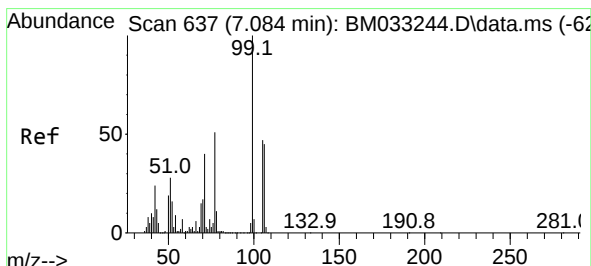
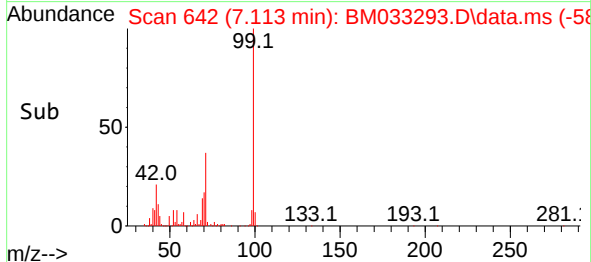
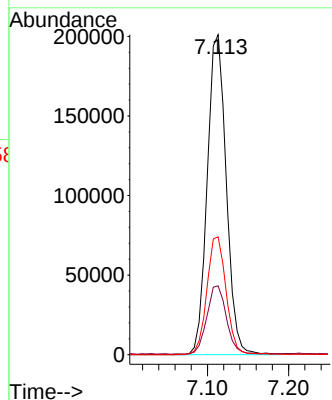
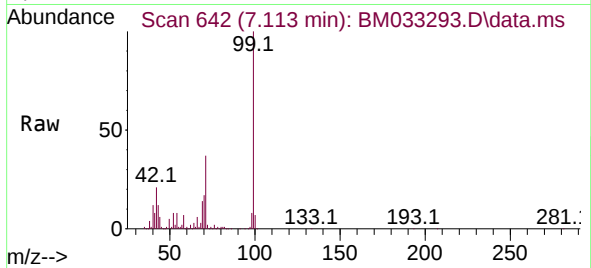




#7
Phenol-d6
Concen: 26.721 ng
RT: 7.113 min Scan# 642
Delta R.T. 0.017 min
Lab File: BM033293.D
Acq: 03 Dec 2021 19:14

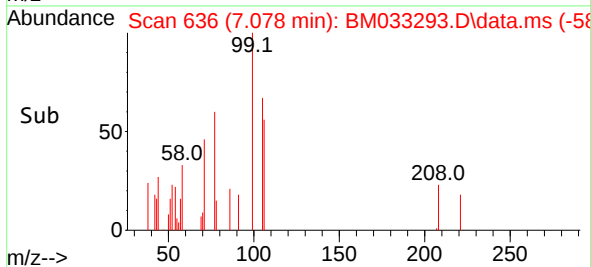
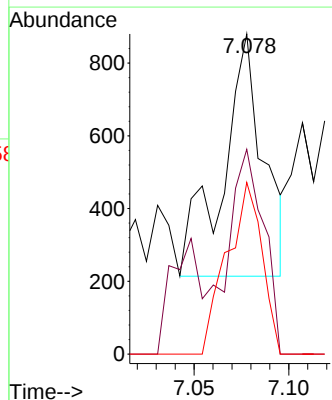
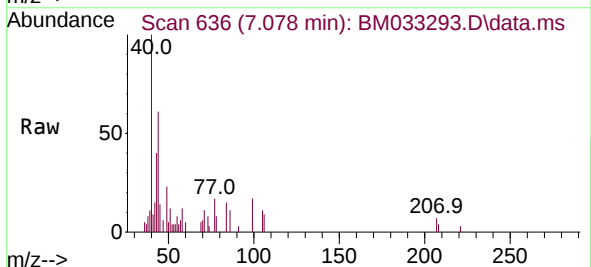
Instrument :
BNA_M
ClientSampleId :
TW-1

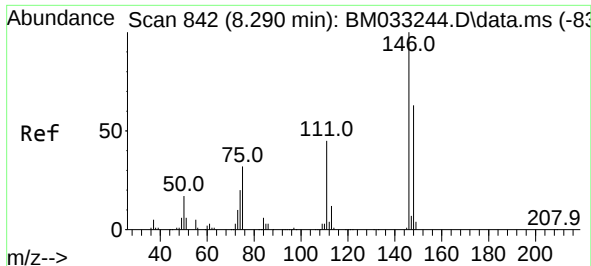
Tgt Ion: 99 Resp: 326728
Ion Ratio Lower Upper
99 100
42 21.5 23.0 34.6#
71 36.8 37.8 56.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.078 min Scan# 636
Delta R.T. -0.006 min
Lab File: BM033293.D
Acq: 03 Dec 2021 19:14

Tgt Ion: 77 Resp: 1000
Ion Ratio Lower Upper
77 100
105 64.0 68.9 108.9#
106 53.6 61.2 101.2#

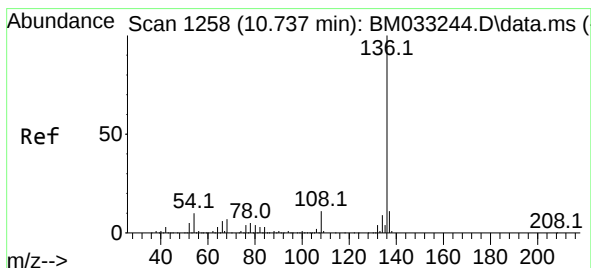
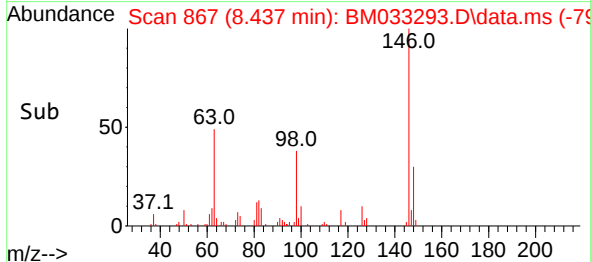
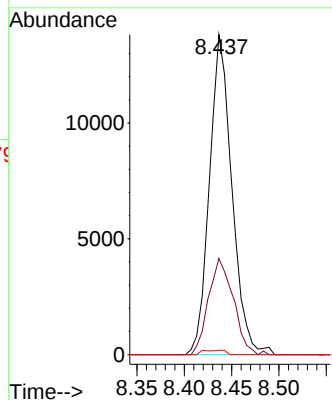
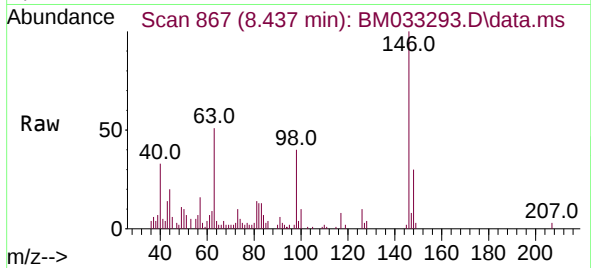




#14
1,2-Dichlorobenzene
Concen: 2.087 ng
RT: 8.437 min Scan# 80
Delta R.T. 0.147 min
Lab File: BM033293.D
Acq: 03 Dec 2021 19:14

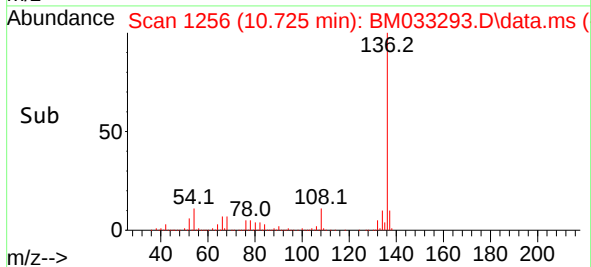
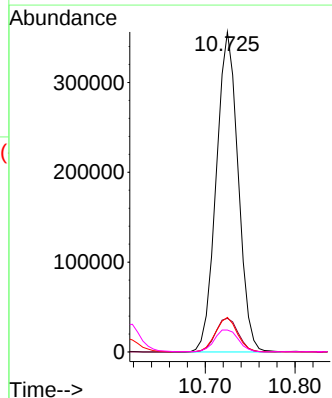
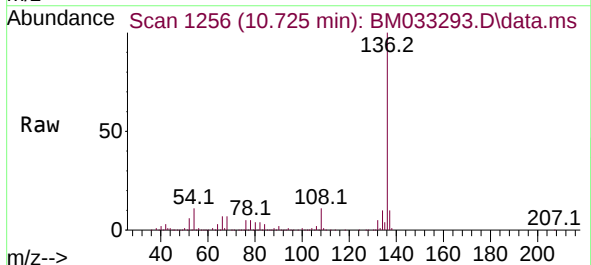
Instrument :
BNA_M
ClientSampleId :
TW-1

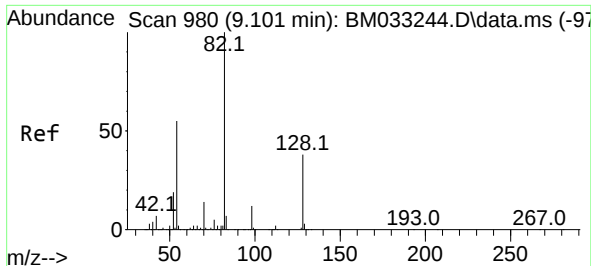
Tgt Ion:146 Resp: 22778
Ion Ratio Lower Upper
146 100
148 30.0 51.7 77.5#
111 1.4 38.2 57.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 1256
Delta R.T. -0.012 min
Lab File: BM033293.D
Acq: 03 Dec 2021 19:14

Tgt Ion:136 Resp: 603352
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 10.8 7.4 11.0
68 6.9 3.8 5.8#

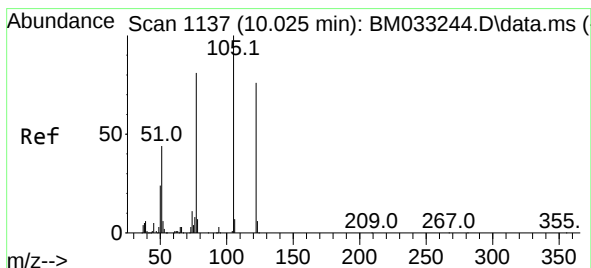
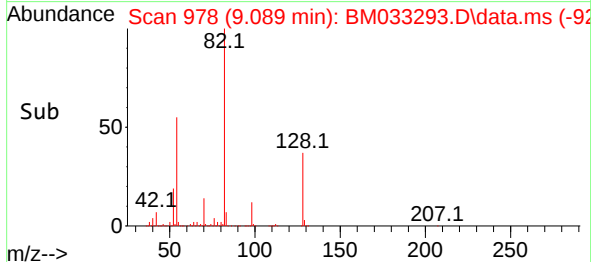
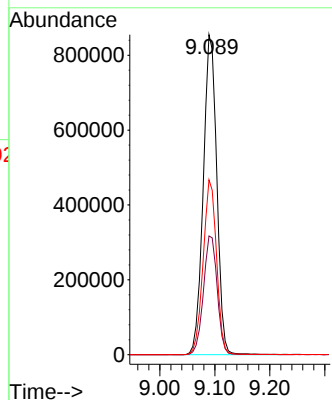
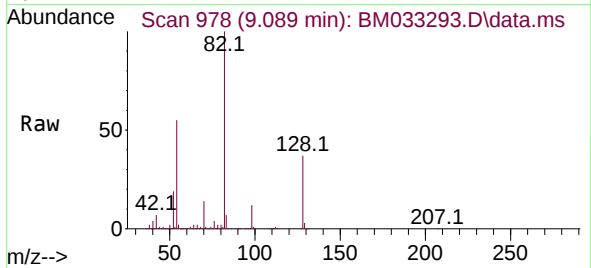




#23
Nitrobenzene-d5
Concen: 112.267 ng
RT: 9.089 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM033293.D
Acq: 03 Dec 2021 19:14

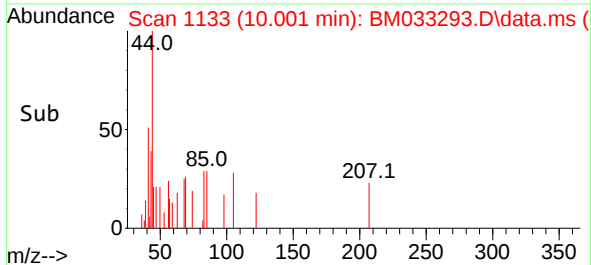
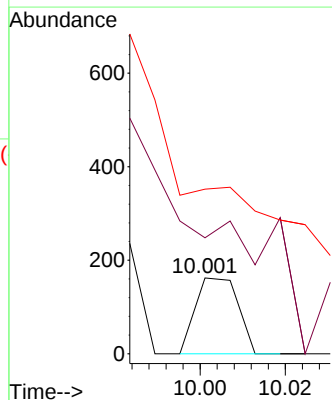
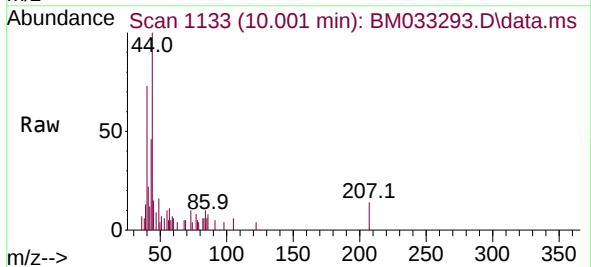
Instrument :
BNA_M
ClientSampleId :
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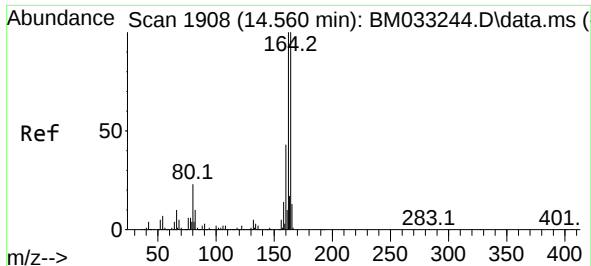
Tgt Ion: 82 Resp: 1459101
Ion Ratio Lower Upper
82 100
128 37.1 29.0 43.6
54 54.6 45.8 68.8



#32
Benzoic acid
Concen: 5.237 ng
RT: 10.001 min Scan# 1133
Delta R.T. -0.024 min
Lab File: BM033293.D
Acq: 03 Dec 2021 19:14

Tgt Ion: 122 Resp: 113
Ion Ratio Lower Upper
122 100
105 153.1 120.3 160.3
77 217.3 100.0 140.0#

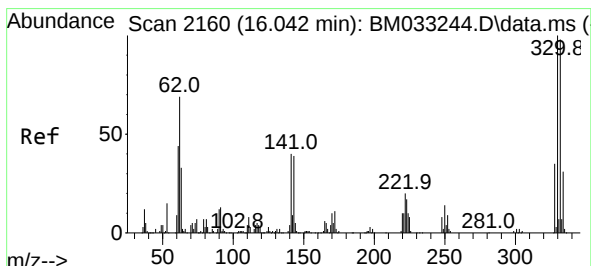
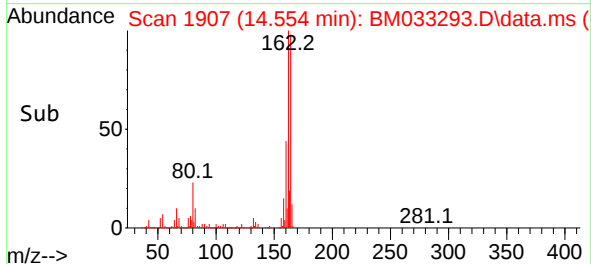
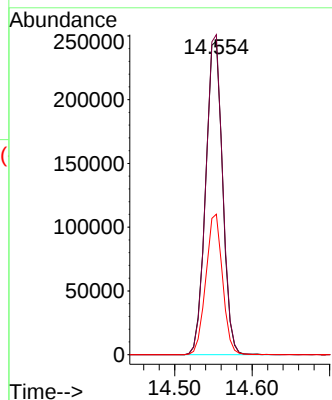
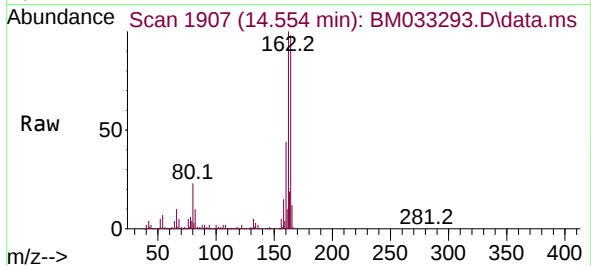




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.554 min Scan# 1908
Delta R.T. -0.006 min
Lab File: BM033293.D
Acq: 03 Dec 2021 19:14

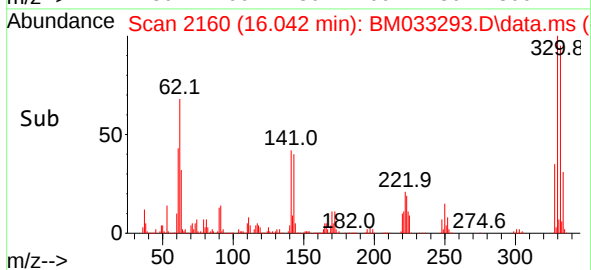
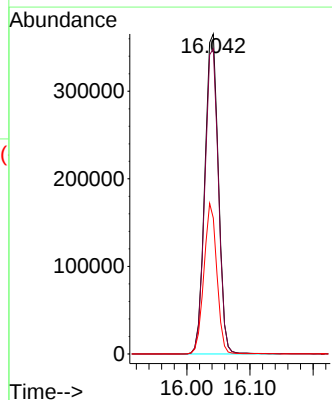
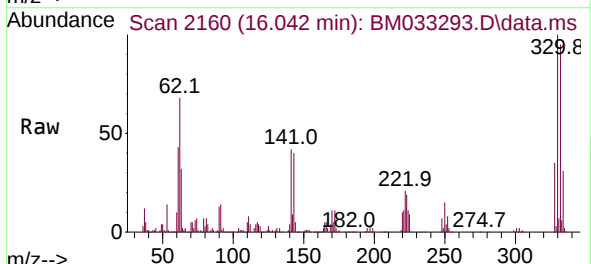
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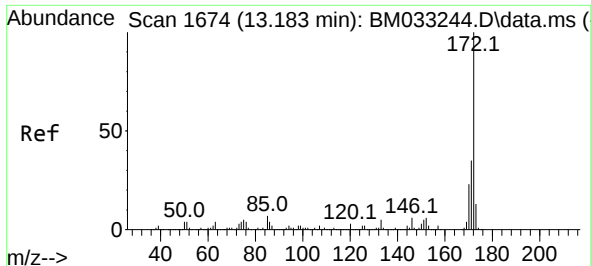
Tgt Ion:164 Resp: 373390
Ion Ratio Lower Upper
164 100
162 102.1 80.6 121.0
160 44.8 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 134.213 ng
RT: 16.042 min Scan# 2160
Delta R.T. -0.000 min
Lab File: BM033293.D
Acq: 03 Dec 2021 19:14

Tgt Ion:330 Resp: 546286
Ion Ratio Lower Upper
330 100
332 95.8 75.7 113.5
141 44.8 50.7 76.1#

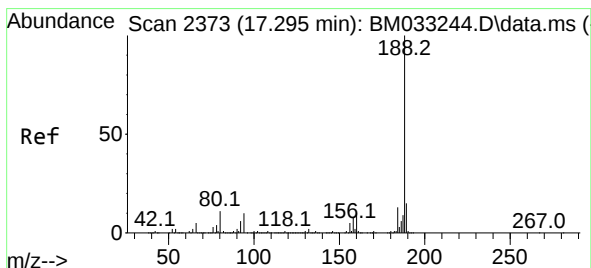
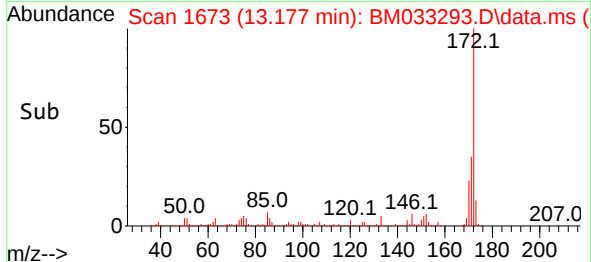
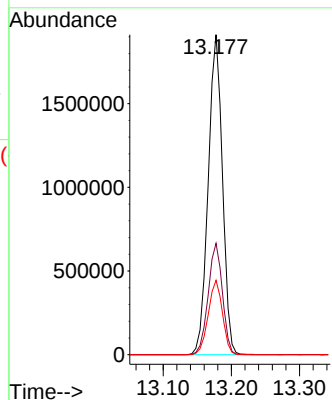
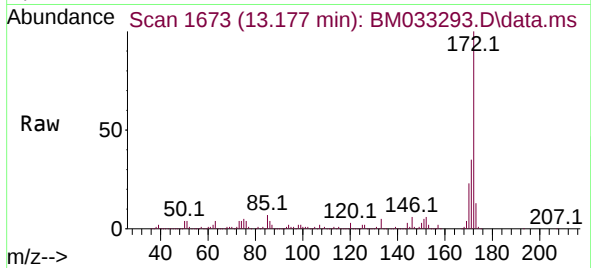




#45
2-Fluorobiphenyl
Concen: 104.847 ng
RT: 13.177 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033293.D
Acq: 03 Dec 2021 19:14

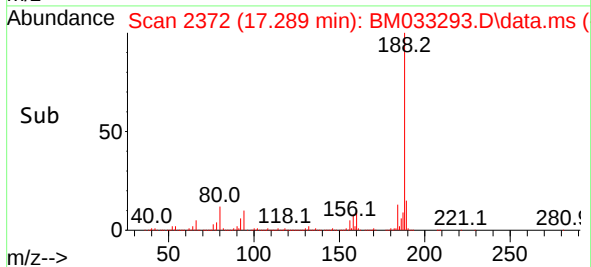
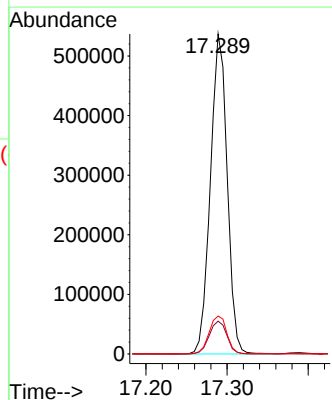
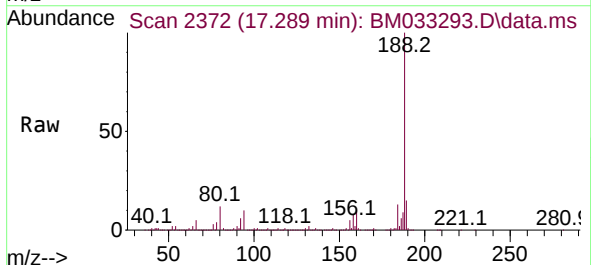
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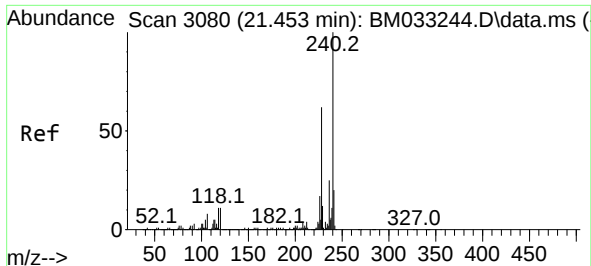
Tgt Ion:172 Resp: 2775905
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.3 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BM033293.D
Acq: 03 Dec 2021 19:14

Tgt Ion:188 Resp: 770672
Ion Ratio Lower Upper
188 100
94 10.2 6.3 9.5#
80 11.9 7.3 10.9#

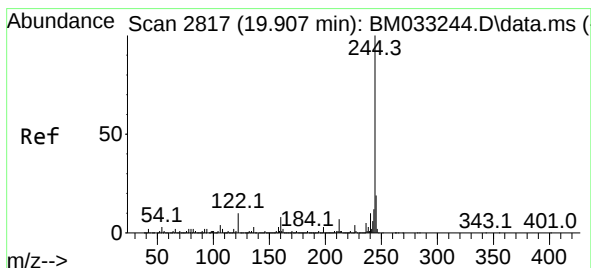
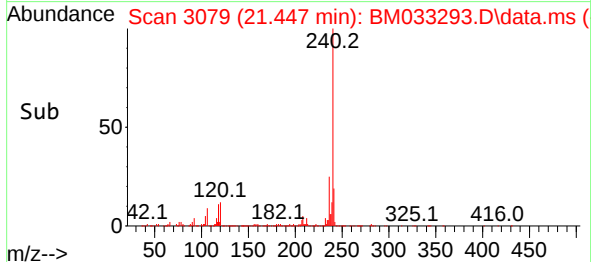
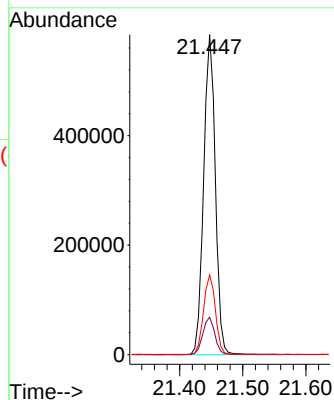
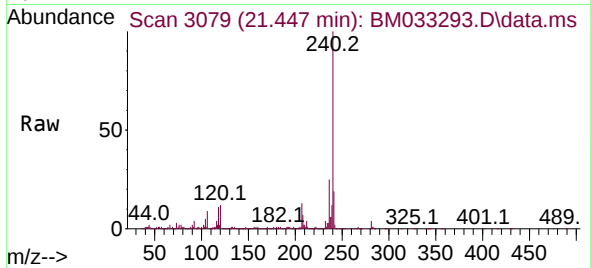




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.447 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BM033293.D
Acq: 03 Dec 2021 19:14

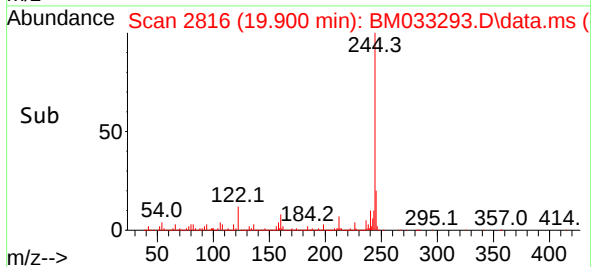
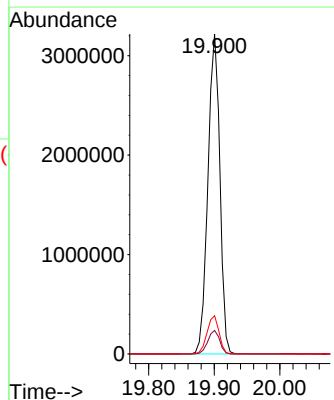
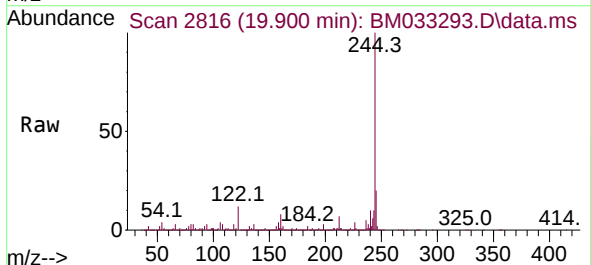
Instrument :
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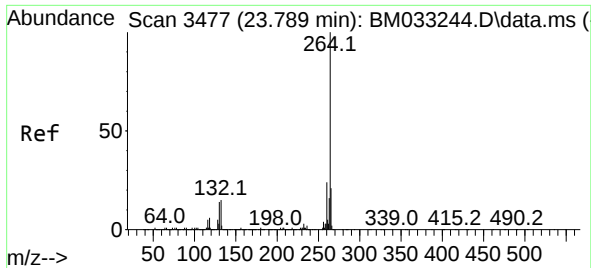
Tgt Ion:240 Resp: 749973
Ion Ratio Lower Upper
240 100
120 11.7 7.8 11.6#
236 25.0 20.9 31.3



#79
Terphenyl-d14
Concen: 107.398 ng
RT: 19.900 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BM033293.D
Acq: 03 Dec 2021 19:14

Tgt Ion:244 Resp: 4073323
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 11.9 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: BM033293.D
 Acq: 03 Dec 2021 19:14

Instrument :
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 ClientSampleId :
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Tgt Ion:264 Resp: 750168
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 22.8 18.3 27.5

