

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
 Data File : BM033289.D
 Acq On : 03 Dec 2021 16:49
 Operator : CG/JU
 Sample : M4798-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-2-4.5

Quant Time: Dec 03 17:26:36 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)

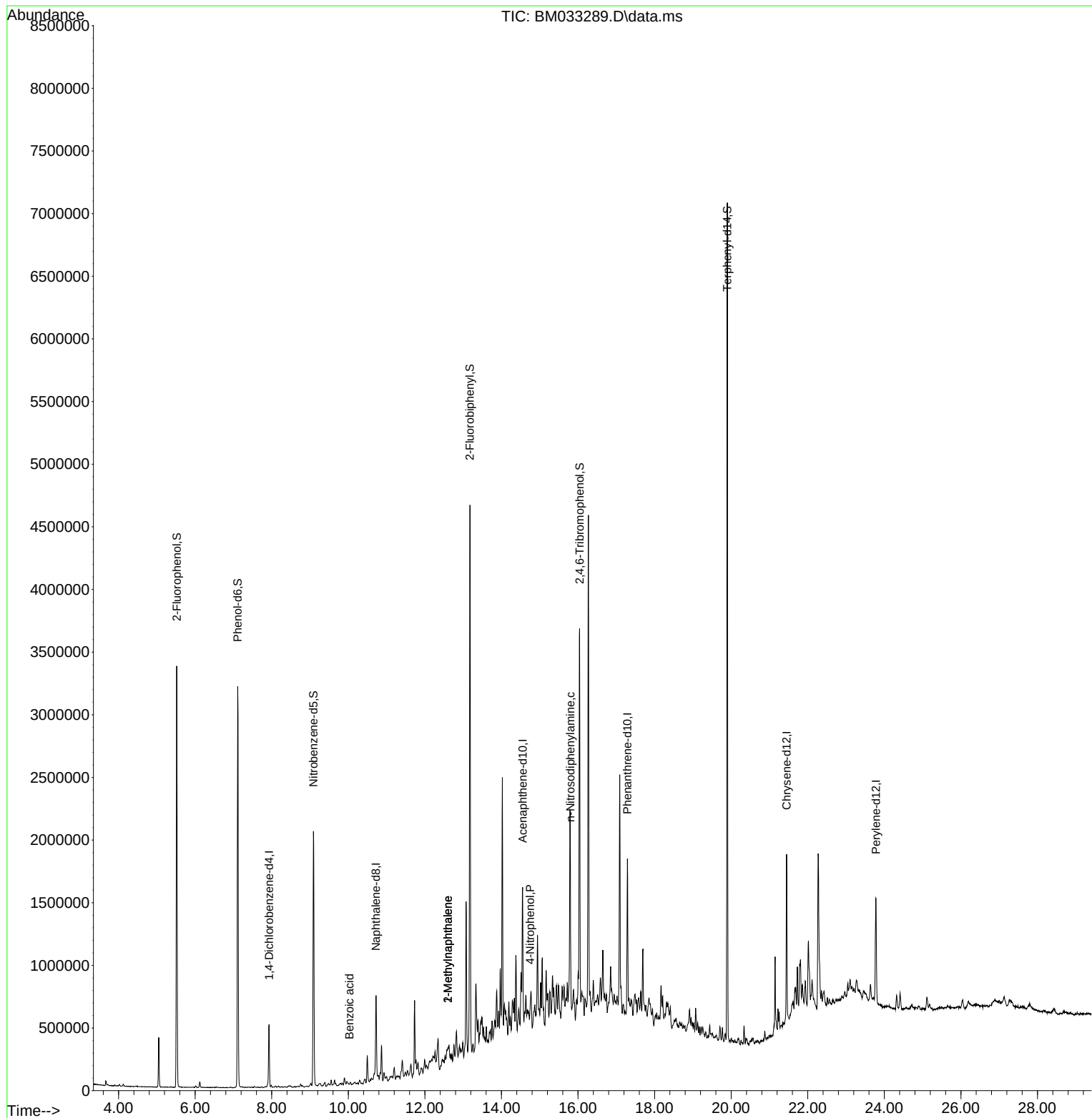
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	126251	20.000	ng	0.00
21) Naphthalene-d8	10.725	136	511103	20.000	ng	#-0.01
39) Acenaphthene-d10	14.554	164	307958	20.000	ng	0.00
64) Phenanthrene-d10	17.289	188	617550	20.000	ng	# 0.00
76) Chrysene-d12	21.447	240	602105	20.000	ng	# 0.00
86) Perylene-d12	23.782	264	607143	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	1282624	167.769	ng	0.01
7) Phenol-d6	7.113	99	1709599	166.968	ng	0.02
23) Nitrobenzene-d5	9.089	82	1187977	107.904	ng	-0.01
42) 2,4,6-Tribromophenol	16.042	330	470047	140.019	ng	0.00
45) 2-Fluorobiphenyl	13.177	172	2146670	98.307	ng	0.00
79) Terphenyl-d14	19.900	244	2944192	96.691	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.066	77	392	Below Cal	#	36
32) Benzoic acid	10.030	122	74	5.233	ng	# 19
37) 2-Methylnaphthalene	12.601	142	40715	2.218	ng	98
38) 1-Methylnaphthalene	12.601	142	40788	2.278	ng	95
56) 4-Nitrophenol	14.748	139	9038	2.415	ng	# 37
66) n-Nitrosodiphenylamine	15.801	169	72868	4.022	ng	# 52

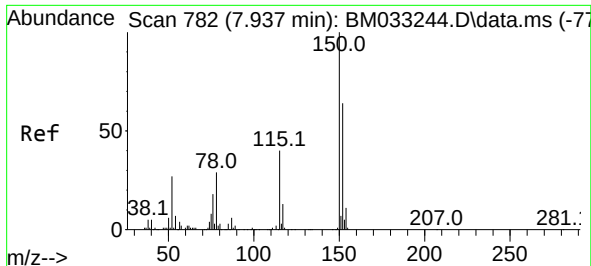
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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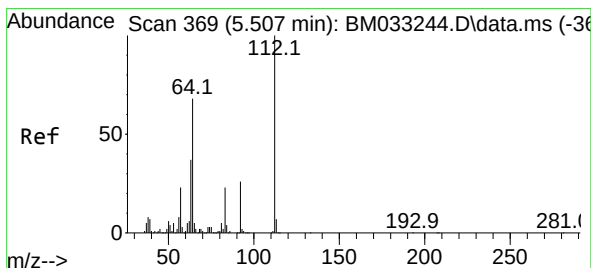
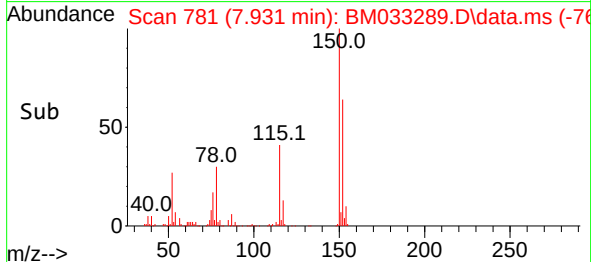
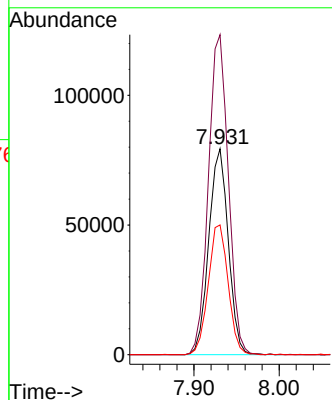
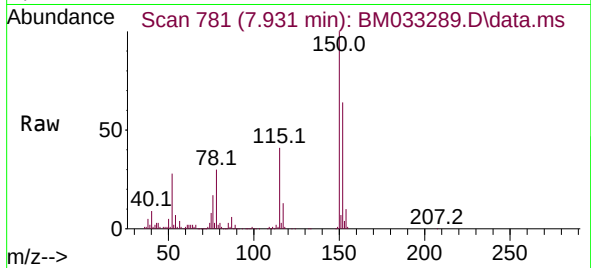




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM033289.D
Acq: 03 Dec 2021 16:49

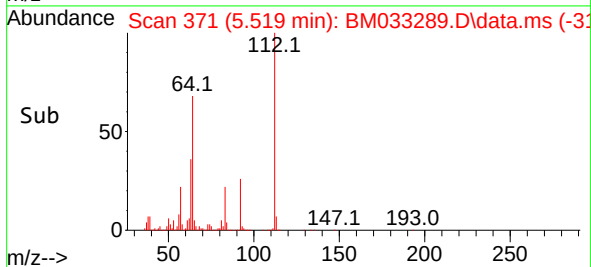
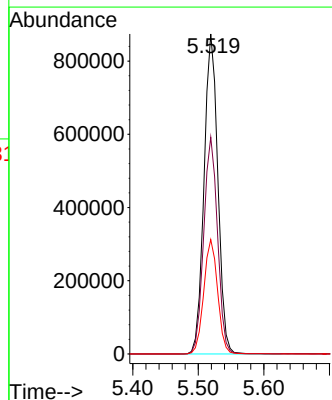
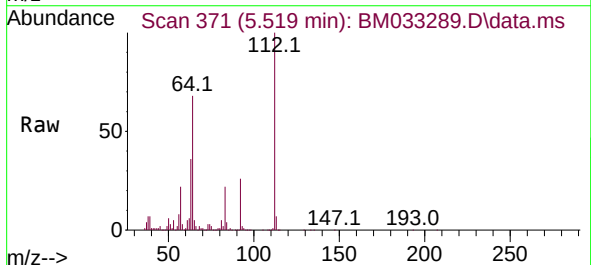
Instrument :
BNA_M
ClientSampleId :
SB-2-4.5

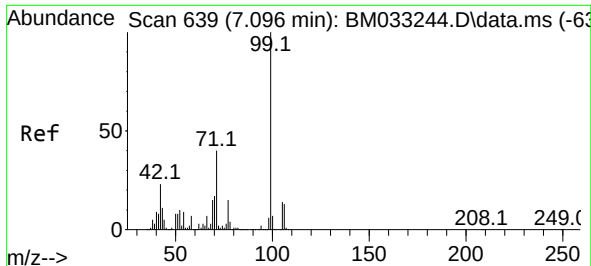
Tgt Ion:152 Resp: 126251
Ion Ratio Lower Upper
152 100
150 155.5 122.4 183.6
115 63.0 53.8 80.8



#5
2-Fluorophenol
Concen: 167.769 ng
RT: 5.519 min Scan# 371
Delta R.T. 0.011 min
Lab File: BM033289.D
Acq: 03 Dec 2021 16:49

Tgt Ion:112 Resp: 1282624
Ion Ratio Lower Upper
112 100
64 67.8 53.7 80.5
63 35.7 33.9 50.9

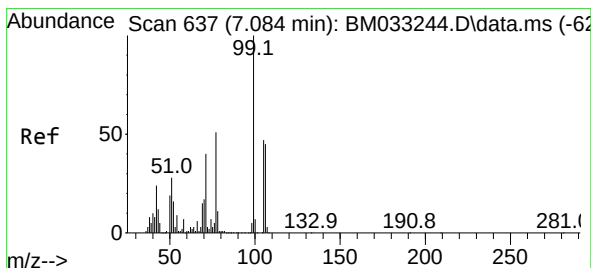
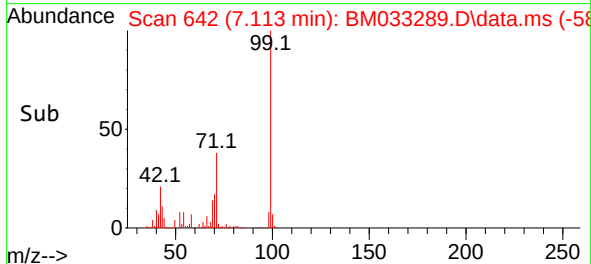
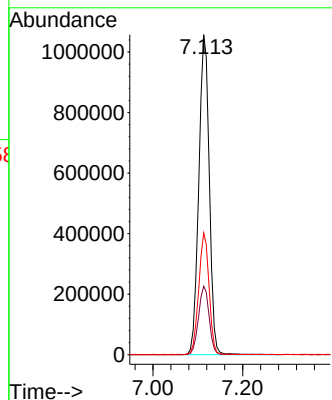
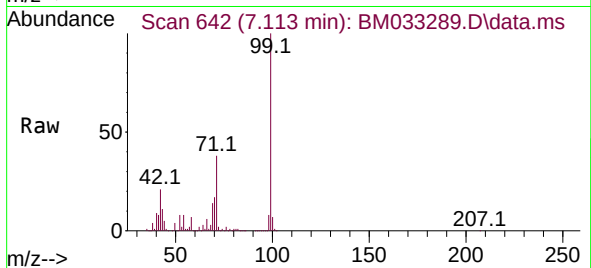




#7
Phenol-d6
Concen: 166.968 ng
RT: 7.113 min Scan# 642
Delta R.T. 0.017 min
Lab File: BM033289.D
Acq: 03 Dec 2021 16:49

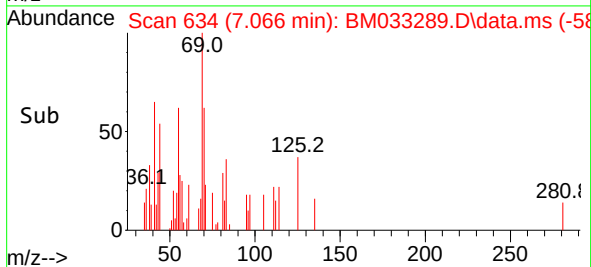
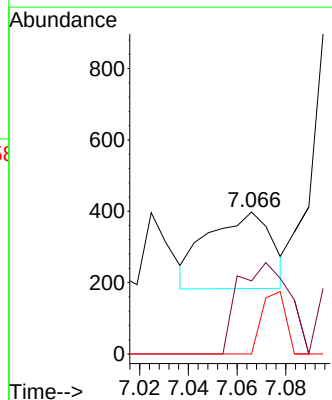
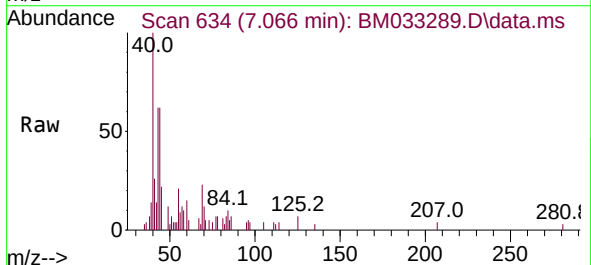
Instrument :
BNA_M
ClientSampleId :
SB-2-4.5

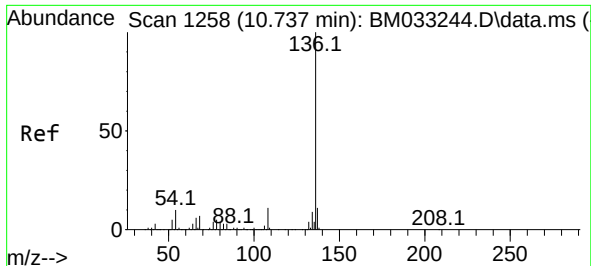
Tgt Ion: 99 Resp: 1709599
Ion Ratio Lower Upper
99 100
42 21.4 23.0 34.6#
71 38.0 37.8 56.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.066 min Scan# 634
Delta R.T. -0.018 min
Lab File: BM033289.D
Acq: 03 Dec 2021 16:49

Tgt Ion: 77 Resp: 392
Ion Ratio Lower Upper
77 100
105 51.5 68.9 108.9#
106 0.0 61.2 101.2#

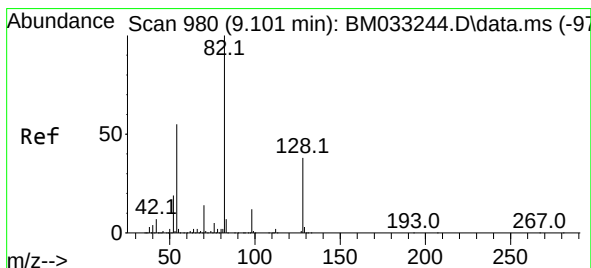
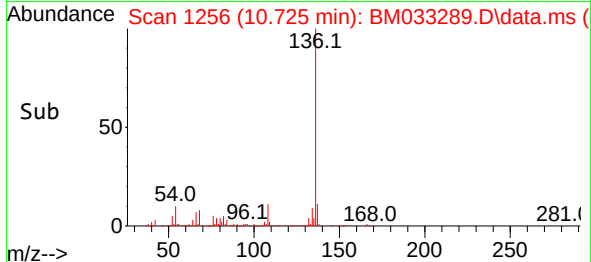
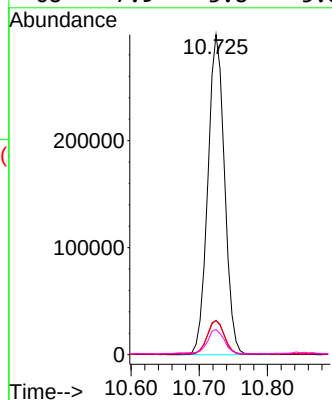
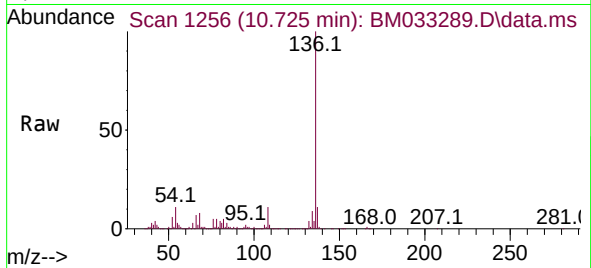




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM033289.D
Acq: 03 Dec 2021 16:49

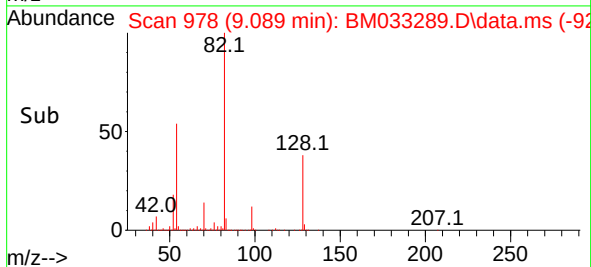
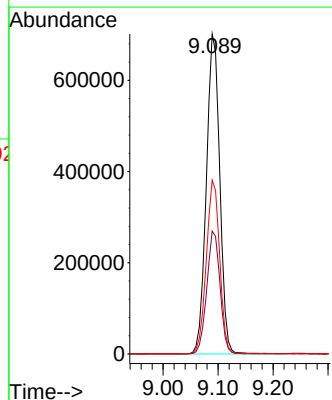
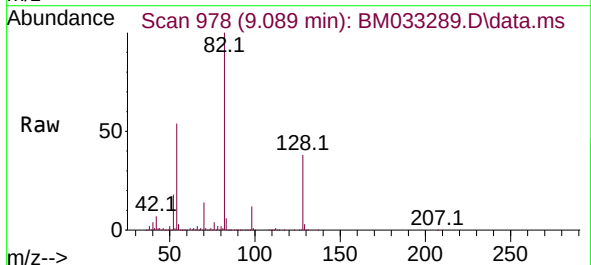
Instrument :
BNA_M
ClientSampleId :
SB-2-4.5

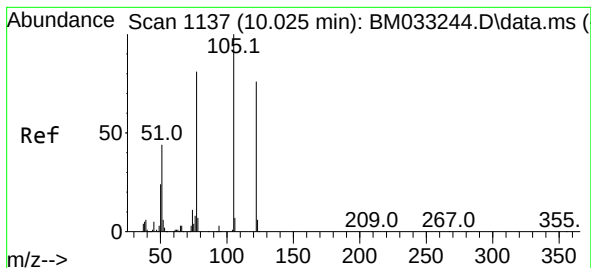
Tgt Ion:136 Resp: 511103
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 10.6 7.4 11.0
68 7.9 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 107.904 ng
RT: 9.089 min Scan# 978
Delta R.T. -0.012 min
Lab File: BM033289.D
Acq: 03 Dec 2021 16:49

Tgt Ion: 82 Resp: 1187977
Ion Ratio Lower Upper
82 100
128 38.4 29.0 43.6
54 54.3 45.8 68.8

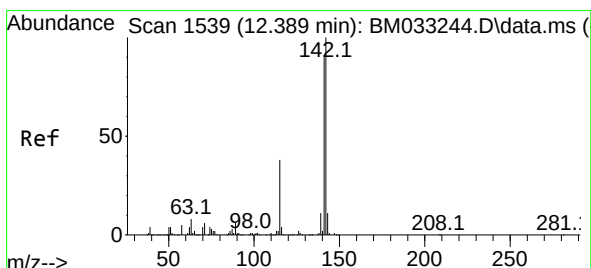
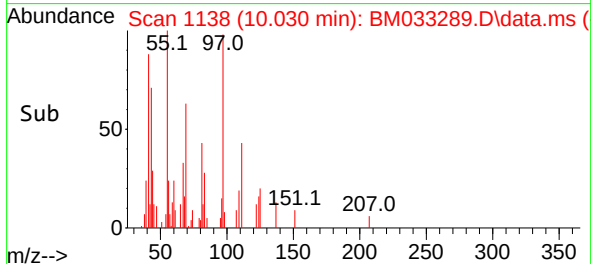
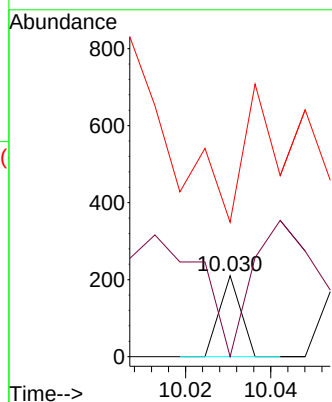
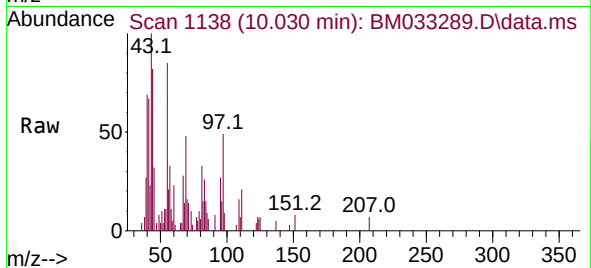




#32
Benzoic acid
Concen: 5.233 ng
RT: 10.030 min Scan# 1137
Delta R.T. 0.005 min
Lab File: BM033289.D
Acq: 03 Dec 2021 16:49

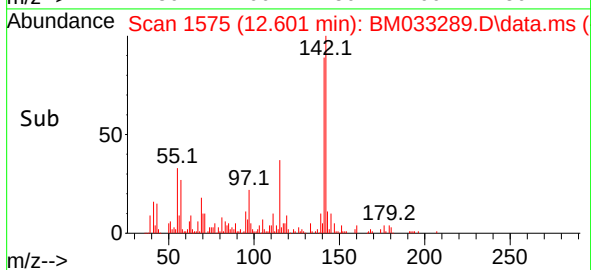
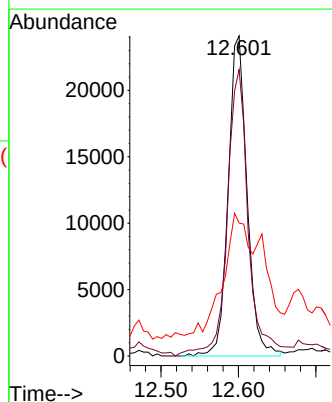
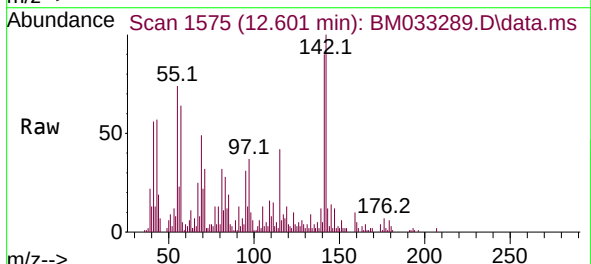
Instrument :
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ClientSampleId :
SB-2-4.5

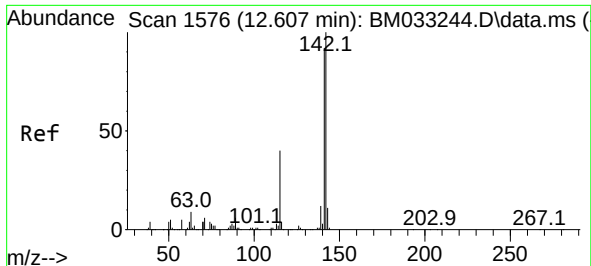
Tgt Ion:122 Resp: 74
Ion Ratio Lower Upper
122 100
105 0.0 120.3 160.3#
77 166.2 100.0 140.0#



#37
2-Methylnaphthalene
Concen: 2.218 ng
RT: 12.601 min Scan# 1575
Delta R.T. 0.211 min
Lab File: BM033289.D
Acq: 03 Dec 2021 16:49

Tgt Ion:142 Resp: 40715
Ion Ratio Lower Upper
142 100
141 89.5 71.8 107.6
115 41.6 36.3 54.5

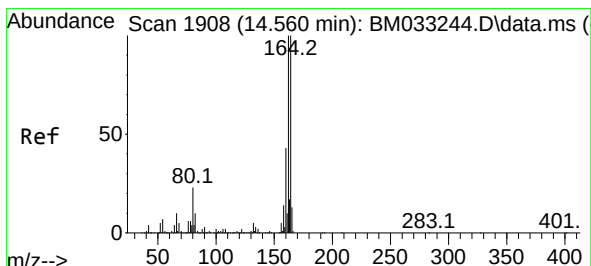
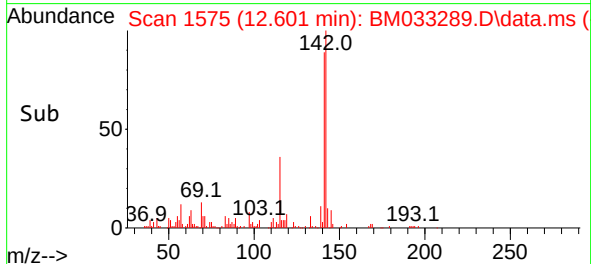
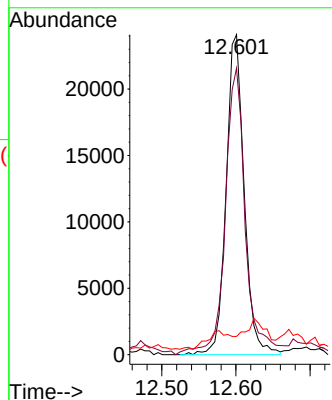
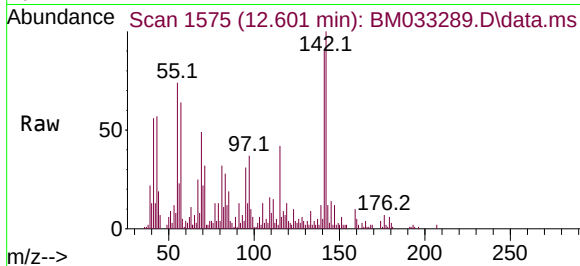




#38
1-Methylnaphthalene
Concen: 2.278 ng
RT: 12.601 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033289.D
Acq: 03 Dec 2021 16:49

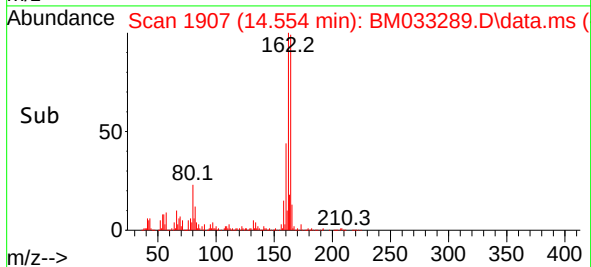
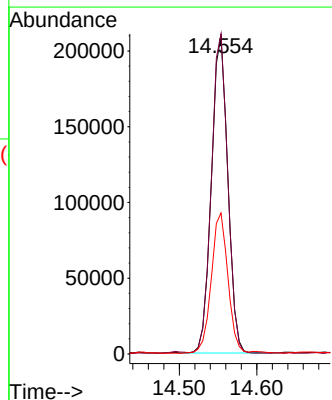
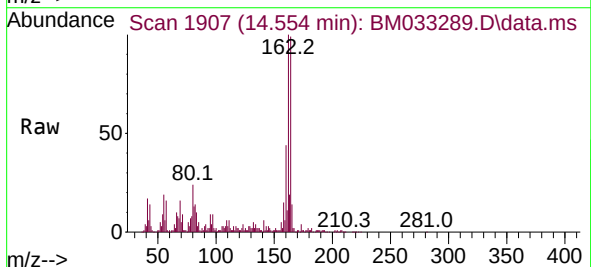
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ClientSampleId :
SB-2-4.5

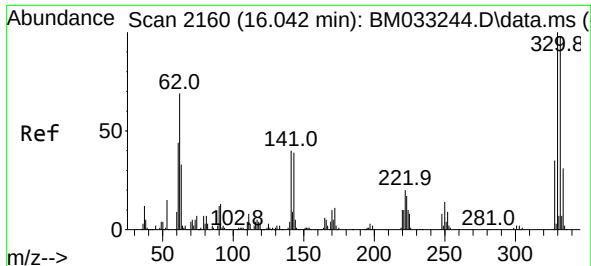
Tgt Ion:142 Resp: 40788
Ion Ratio Lower Upper
142 100
141 89.5 75.6 113.4
116 5.7 4.0 6.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.554 min Scan# 1907
Delta R.T. -0.006 min
Lab File: BM033289.D
Acq: 03 Dec 2021 16:49

Tgt Ion:164 Resp: 307958
Ion Ratio Lower Upper
164 100
162 100.6 80.6 121.0
160 44.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 140.019 ng

RT: 16.042 min Scan# 2160

Delta R.T. -0.000 min

Lab File: BM033289.D

Acq: 03 Dec 2021 16:49

Instrument :

BNA_M

ClientSampleId :

SB-2-4.5

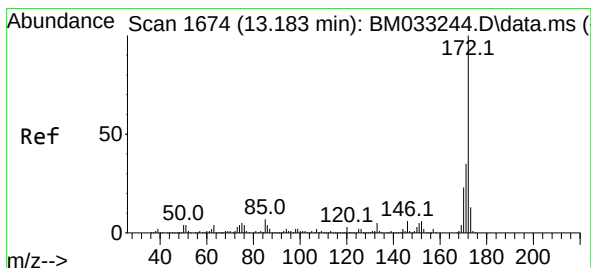
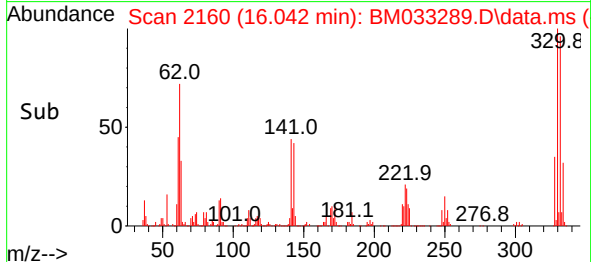
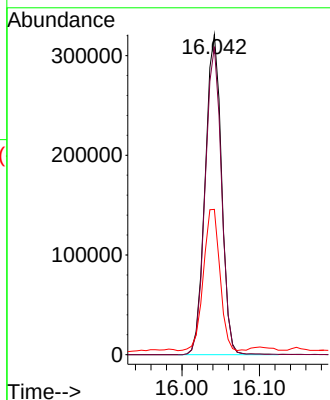
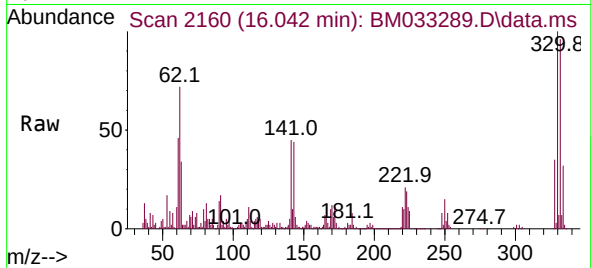
Tgt Ion:330 Resp: 470047

Ion Ratio Lower Upper

330 100

332 95.9 75.7 113.5

141 44.7 50.7 76.1#



#45

2-Fluorobiphenyl

Concen: 98.307 ng

RT: 13.177 min Scan# 1673

Delta R.T. -0.006 min

Lab File: BM033289.D

Acq: 03 Dec 2021 16:49

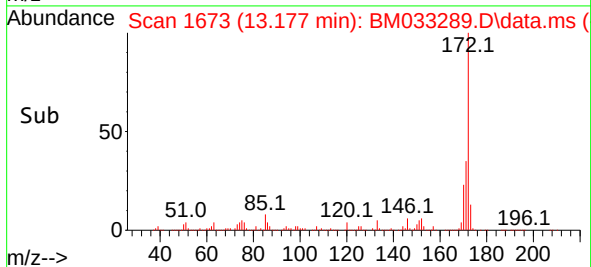
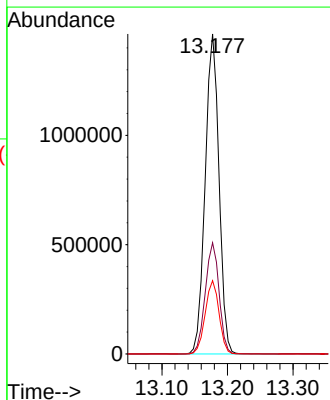
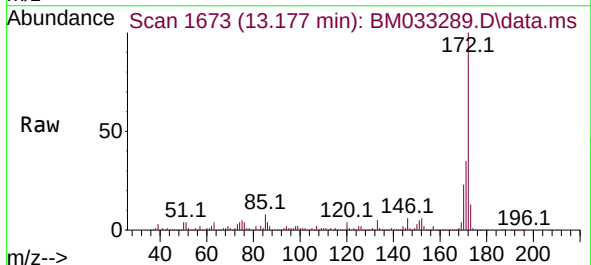
Tgt Ion:172 Resp: 2146670

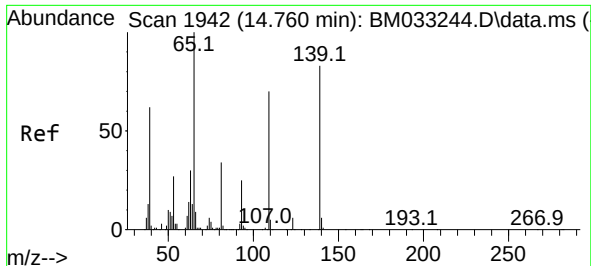
Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 22.9 18.6 27.8

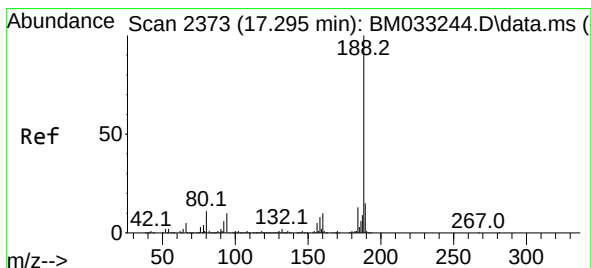
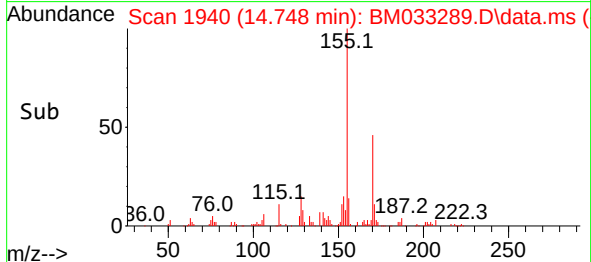
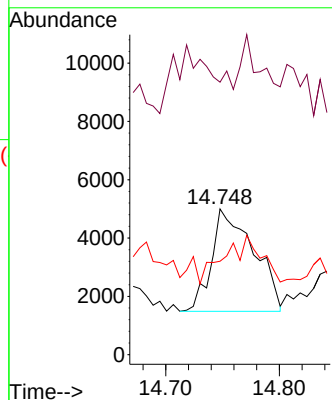
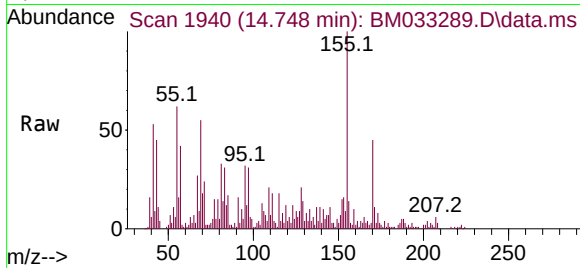




#56
4-Nitrophenol
Concen: 2.415 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM033289.D
Acq: 03 Dec 2021 16:49

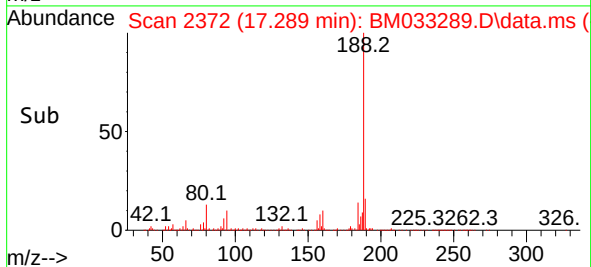
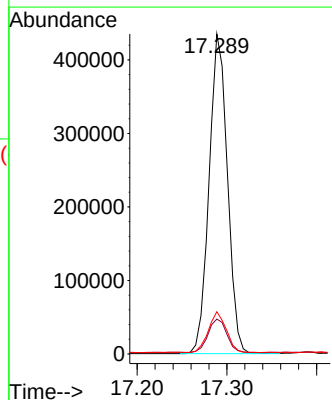
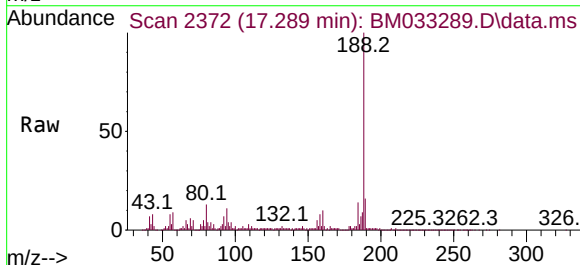
Instrument :
BNA_M
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SB-2-4.5

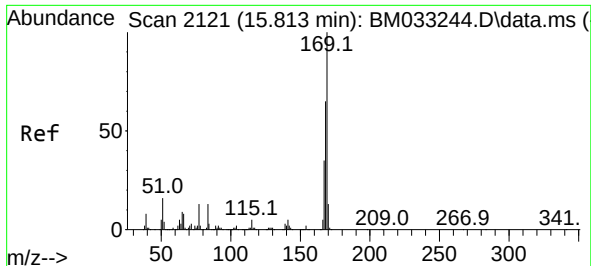
Tgt Ion:139 Resp: 9038
Ion Ratio Lower Upper
139 100
109 186.9 92.3 132.3#
65 64.1 110.5 150.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BM033289.D
Acq: 03 Dec 2021 16:49

Tgt Ion:188 Resp: 617550
Ion Ratio Lower Upper
188 100
94 10.9 6.3 9.5#
80 13.2 7.3 10.9#

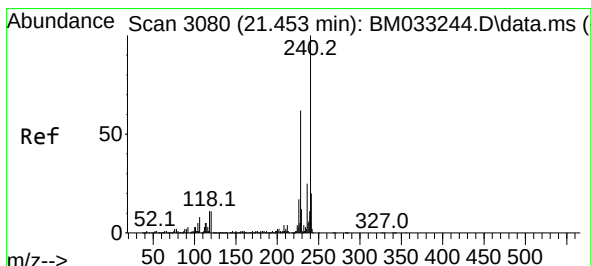
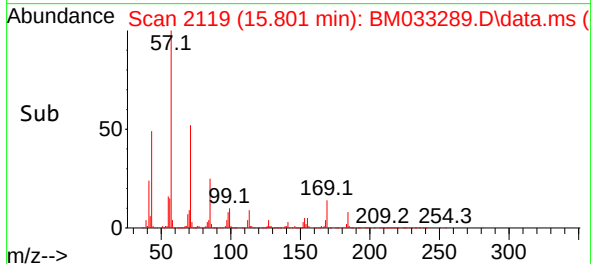
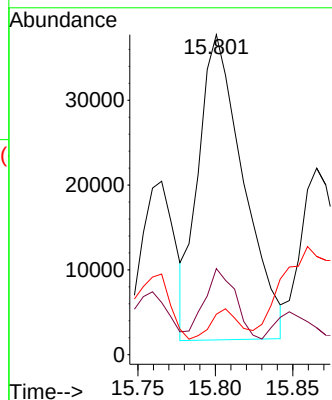
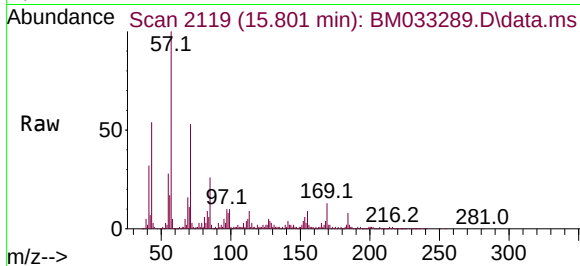




#66
n-Nitrosodiphenylamine
Concen: 4.022 ng
RT: 15.801 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BM033289.D
Acq: 03 Dec 2021 16:49

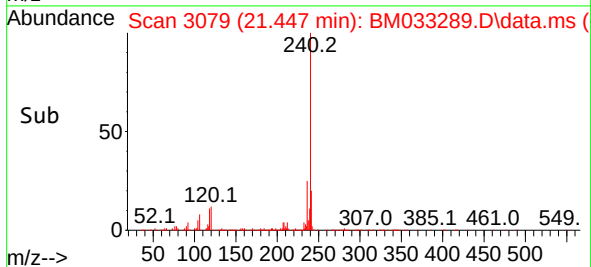
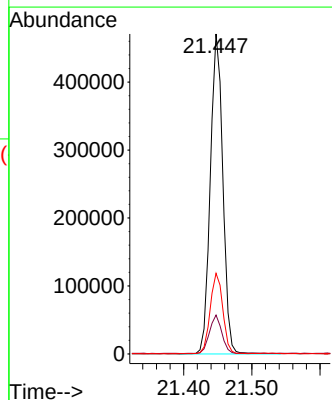
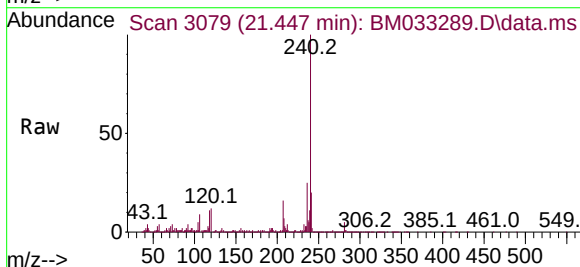
Instrument :
BNA_M
ClientSampleId :
SB-2-4.5

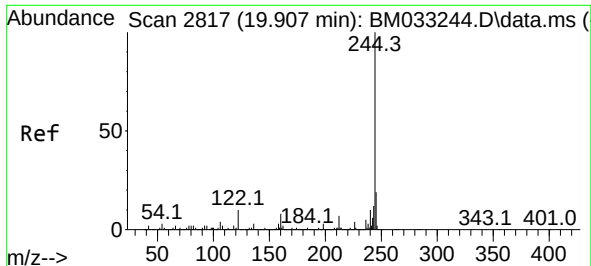
Tgt Ion:169 Resp: 72868
Ion Ratio Lower Upper
169 100
168 26.9 55.0 82.4#
167 12.7 29.8 44.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.447 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BM033289.D
Acq: 03 Dec 2021 16:49

Tgt Ion:240 Resp: 602105
Ion Ratio Lower Upper
240 100
120 12.1 7.8 11.6#
236 25.2 20.9 31.3

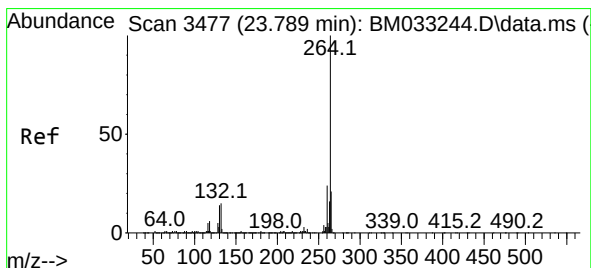
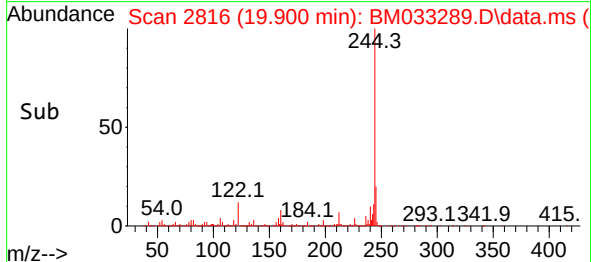
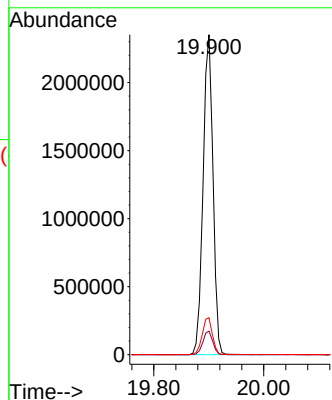
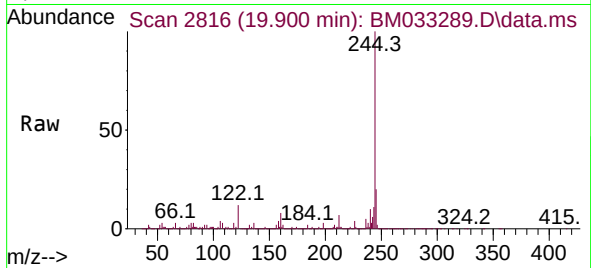




#79
 Terphenyl-d14
 Concen: 96.691 ng
 RT: 19.900 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM033289.D
 Acq: 03 Dec 2021 16:49

Instrument :
 BNA_M
 ClientSampleId :
 SB-2-4.5

Tgt Ion:244 Resp: 2944192
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 11.5 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.782 min Scan# 3476
 Delta R.T. -0.006 min
 Lab File: BM033289.D
 Acq: 03 Dec 2021 16:49

Tgt Ion:264 Resp: 607143
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.3 28.9
 265 22.3 18.3 27.5

