

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
 Data File : BM033429.D
 Acq On : 12 Dec 2021 01:21
 Operator : CG/JU
 Sample : M4873-08DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 12 01:54:28 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 12 00:15:00 2021
 Response via : Initial Calibration

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

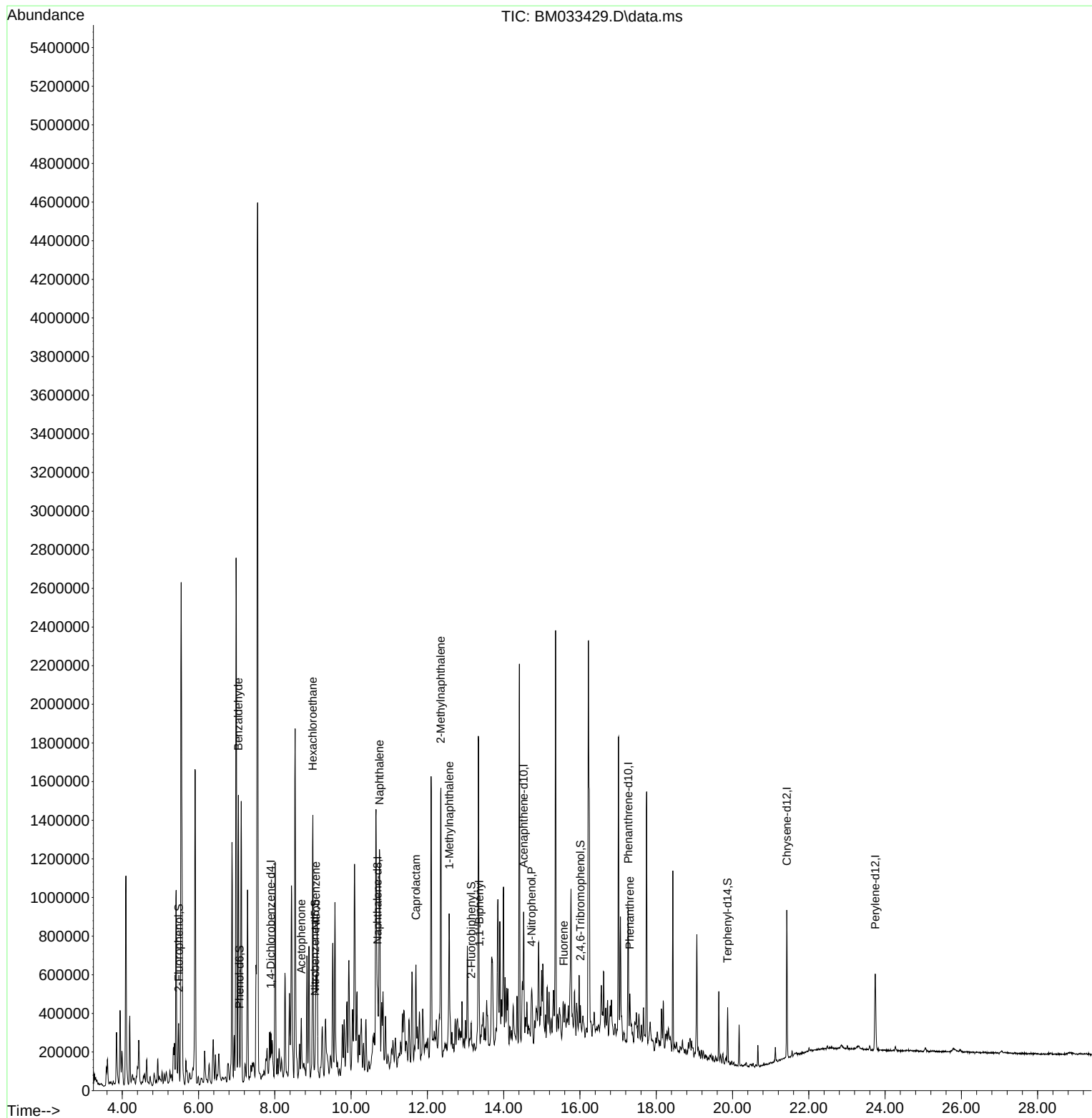
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	58860	20.000	ng	0.00
21) Naphthalene-d8	10.696	136	264255	20.000	ng	0.00
39) Acenaphthene-d10	14.525	164	182535	20.000	ng	0.00
64) Phenanthrene-d10	17.266	188	387972	20.000	ng	0.00
76) Chrysene-d12	21.424	240	354696	20.000	ng	0.00
86) Perylene-d12	23.742	264	289282	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	34542	9.627	ng	0.00
7) Phenol-d6	7.072	99	53896	10.773	ng	0.00
23) Nitrobenzene-d5	9.060	82	40452	6.500	ng	0.00
42) 2,4,6-Tribromophenol	16.013	330	11622	5.952	ng	0.00
45) 2-Fluorobiphenyl	13.148	172	74801	5.668	ng	0.00
79) Terphenyl-d14	19.871	244	115510	6.033	ng	0.00
Target Compounds					Qvalue	
9) Benzaldehyde	7.043	77	98363	32.502	ng	# 1
18) Hexachloroethane	8.996	117	126640	71.365	ng	# 1
22) Acetophenone	8.696	105	199937	27.965	ng	# 53
24) Nitrobenzene	9.078	77	20056	3.367	ng	# 14
31) Naphthalene	10.743	128	621204	43.986	ng	98
35) Caprolactam	11.701	113	17300	22.010	ng	# 11
37) 2-Methylnaphthalene	12.354	142	611276	63.318	ng	97
38) 1-Methylnaphthalene	12.572	142	293269	30.806	ng	98
46) 1,1'-Biphenyl	13.360	154	42732	3.074	ng	95
56) 4-Nitrophenol	14.731	139	13983	6.572	ng	# 43
58) Fluorene	15.572	166	31442	2.363	ng	# 84
71) Phenanthrene	17.307	178	95243	4.385	ng	# 95

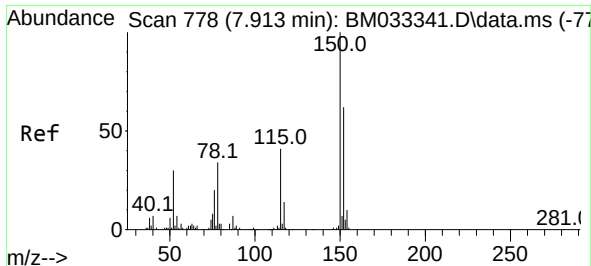
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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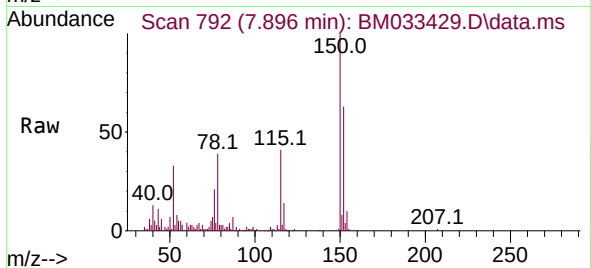
Quant Time: Dec 12 01:54:28 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
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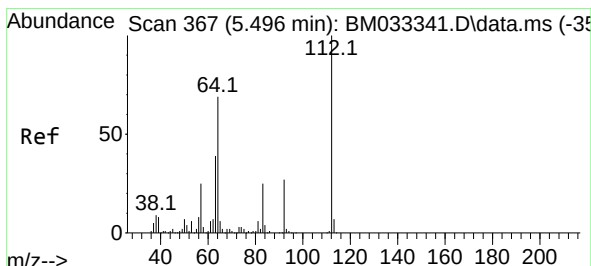
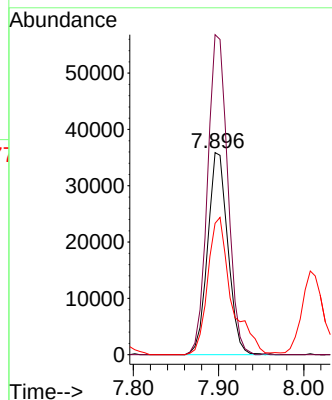
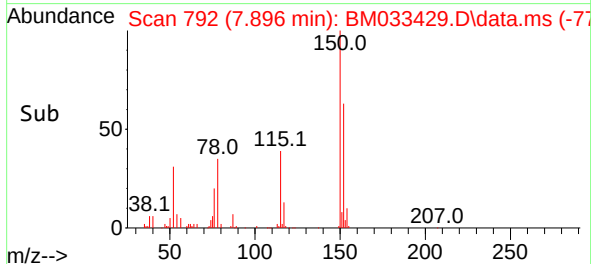


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.896 min Scan# 791
Delta R.T. -0.005 min
Lab File: BM033429.D
Acq: 12 Dec 2021 01:21

Instrument :
BNA_M
ClientSampleId :

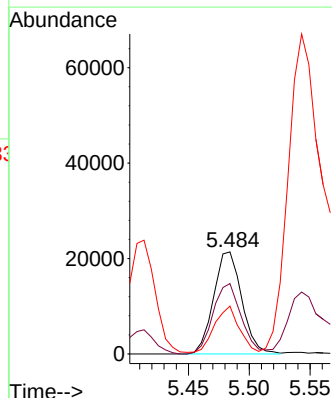
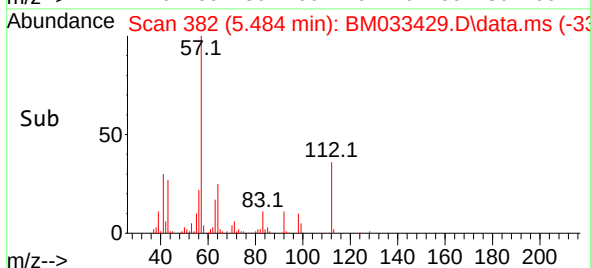
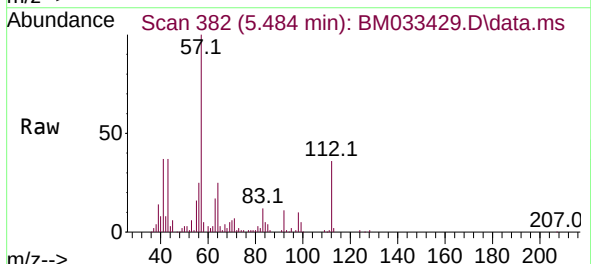


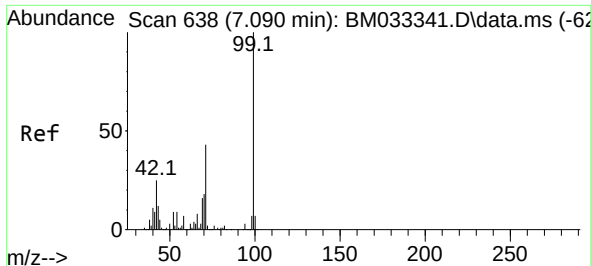
Tgt Ion:152 Resp: 58860
Ion Ratio Lower Upper
152 100
150 158.4 128.9 193.3
115 65.0 53.0 79.6



#5
2-Fluorophenol
Concen: 9.627 ng
RT: 5.484 min Scan# 382
Delta R.T. 0.000 min
Lab File: BM033429.D
Acq: 12 Dec 2021 01:21

Tgt Ion:112 Resp: 34542
Ion Ratio Lower Upper
112 100
64 69.0 55.5 83.3
63 46.9 31.3 46.9

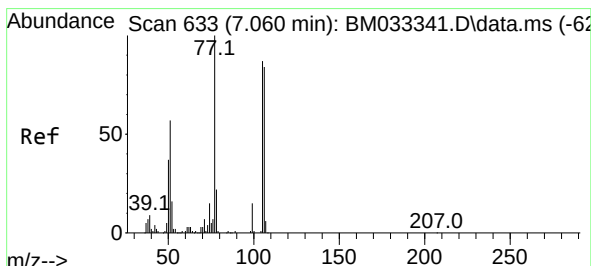
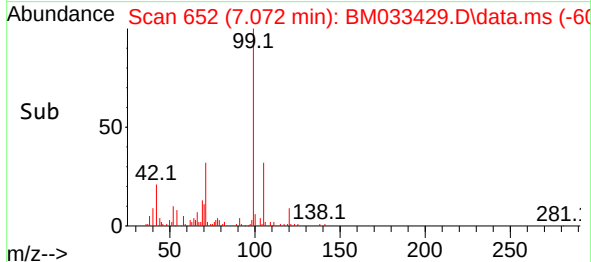
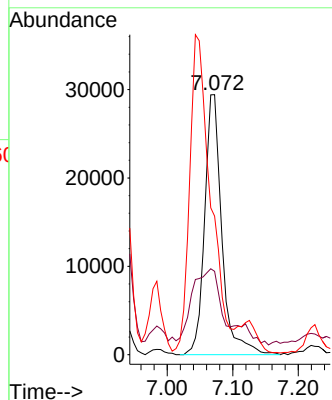
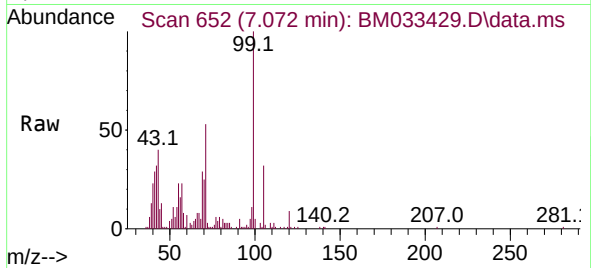




#7
Phenol-d6
Concen: 10.773 ng
RT: 7.072 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM033429.D
Acq: 12 Dec 2021 01:21

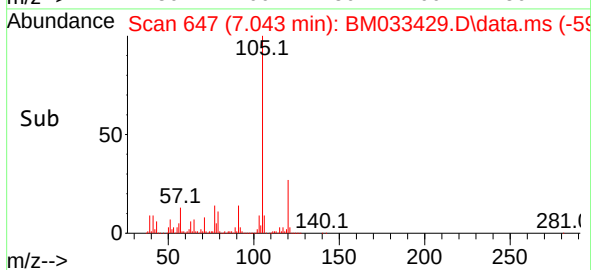
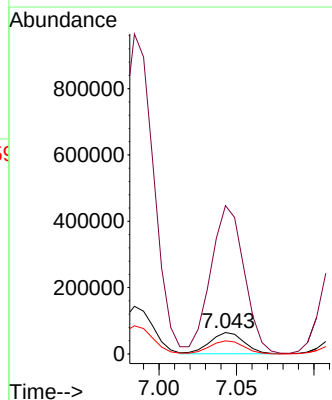
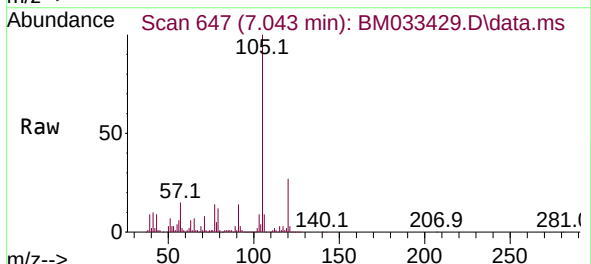
Instrument :
BNA_M
ClientSampleId :

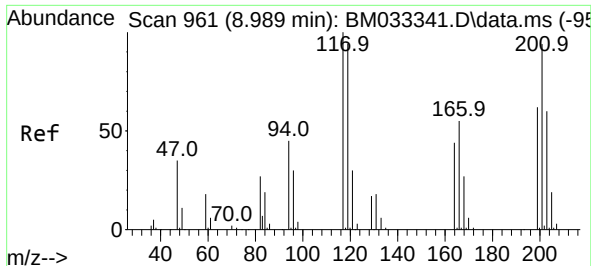
Tgt Ion: 99 Resp: 53896
Ion Ratio Lower Upper
99 100
42 32.1 20.3 30.5#
71 53.3 34.5 51.7#



#9
Benzaldehyde
Concen: 32.502 ng
RT: 7.043 min Scan# 647
Delta R.T. -0.006 min
Lab File: BM033429.D
Acq: 12 Dec 2021 01:21

Tgt Ion: 77 Resp: 98363
Ion Ratio Lower Upper
77 100
105 693.8 67.1 107.1#
106 61.7 64.3 104.3#





#18

Hexachloroethane

Concen: 71.365 ng

RT: 8.996 min Scan# 91

Delta R.T. 0.018 min

Lab File: BM033429.D

Acq: 12 Dec 2021 01:21

Instrument :

BNA_M

ClientSampleId :

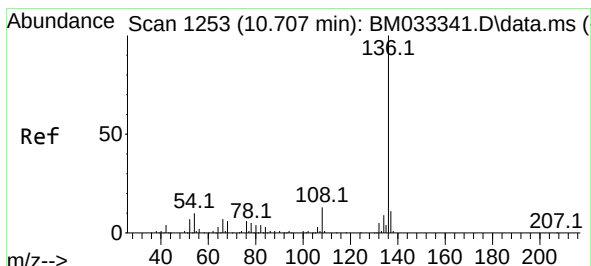
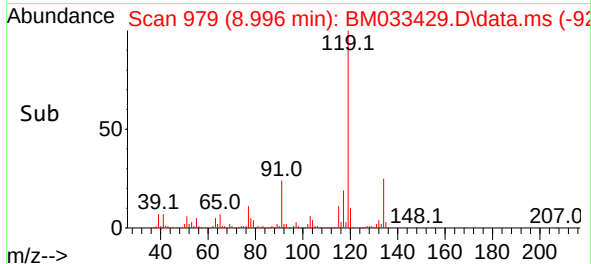
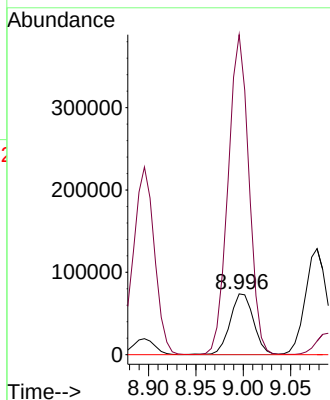
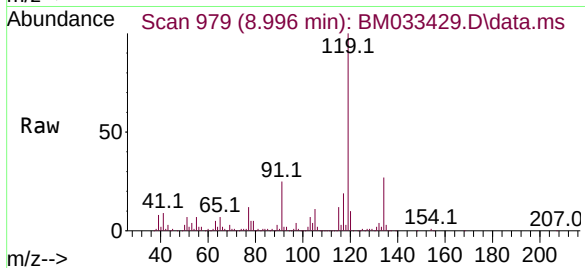
Tgt Ion:117 Resp: 126640

Ion Ratio Lower Upper

117 100

119 526.2 75.0 112.6#

201 0.0 75.2 112.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.696 min Scan# 1268

Delta R.T. 0.000 min

Lab File: BM033429.D

Acq: 12 Dec 2021 01:21

Tgt Ion:136 Resp: 264255

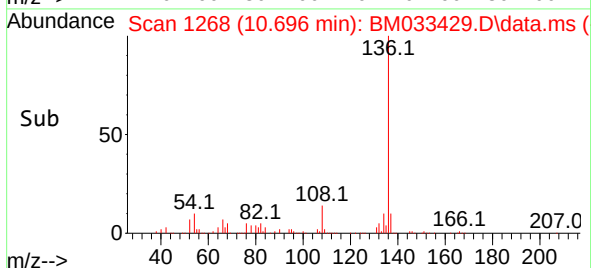
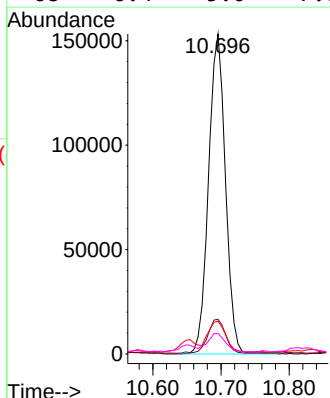
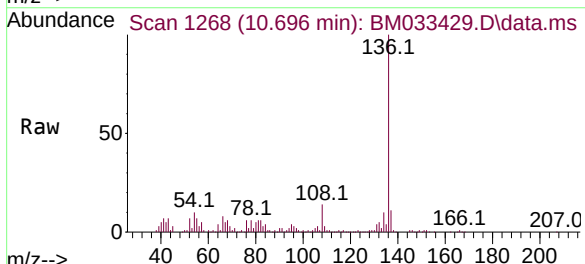
Ion Ratio Lower Upper

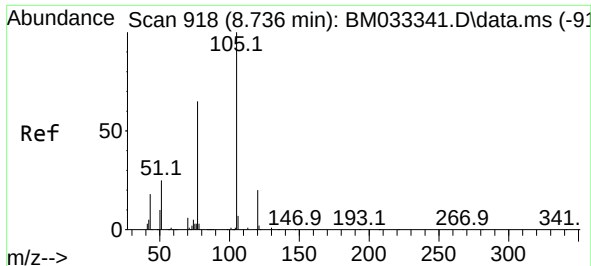
136 100

137 10.8 8.6 13.0

54 10.3 8.3 12.5

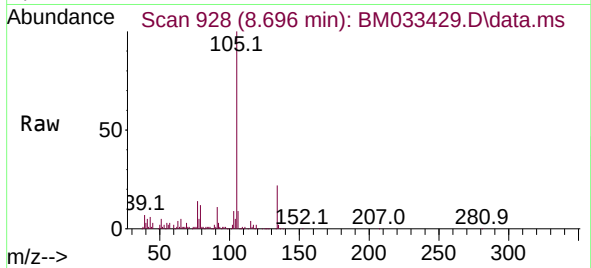
68 6.4 5.0 7.6





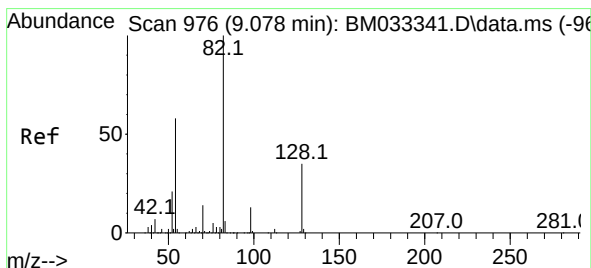
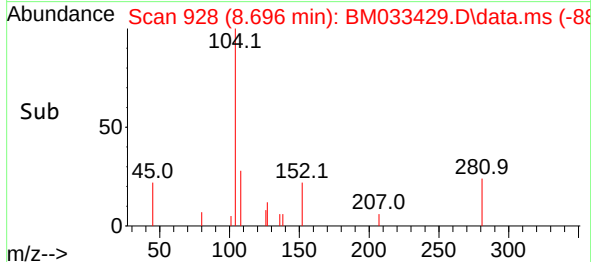
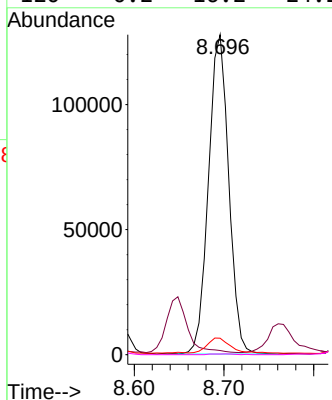
#22
Acetophenone
Concen: 27.965 ng
RT: 8.696 min Scan# 918
Delta R.T. -0.029 min
Lab File: BM033429.D
Acq: 12 Dec 2021 01:21

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:105 Resp: 199937

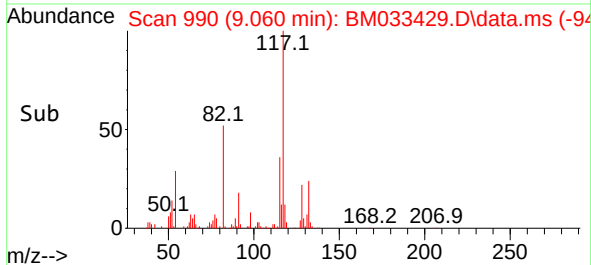
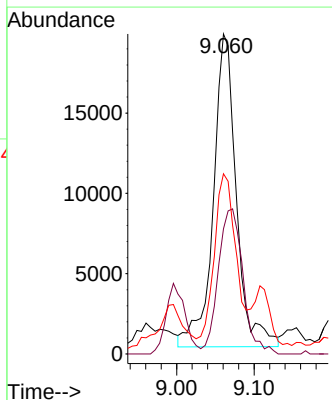
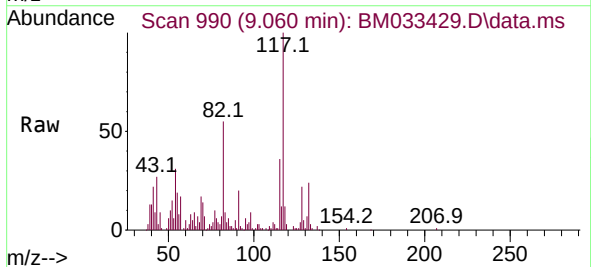
Ion	Ratio	Lower	Upper
105	100		
71	1.3	1.6	2.4#
51	5.2	27.7	41.5#
120	0.2	16.2	24.2#

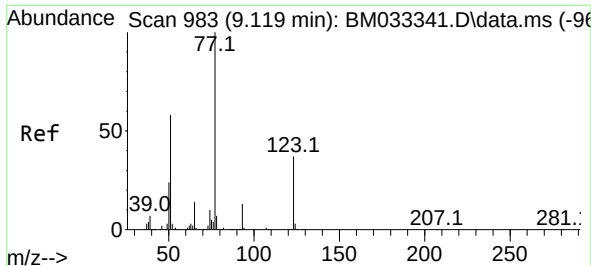


#23
Nitrobenzene-d5
Concen: 6.500 ng
RT: 9.060 min Scan# 990
Delta R.T. -0.006 min
Lab File: BM033429.D
Acq: 12 Dec 2021 01:21

Tgt Ion: 82 Resp: 40452

Ion	Ratio	Lower	Upper
82	100		
128	39.1	28.1	42.1
54	56.3	46.1	69.1





#24

Nitrobenzene

Concen: 3.367 ng

RT: 9.078 min Scan# 91

Delta R.T. -0.029 min

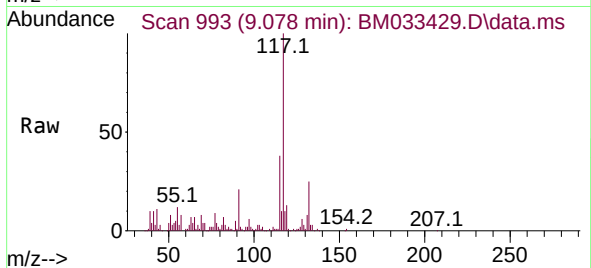
Lab File: BM033429.D

Acq: 12 Dec 2021 01:21

Instrument :

BNA_M

ClientSampleId :



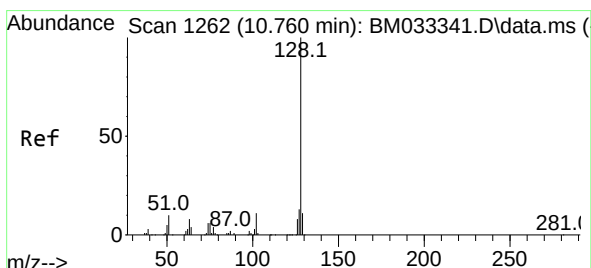
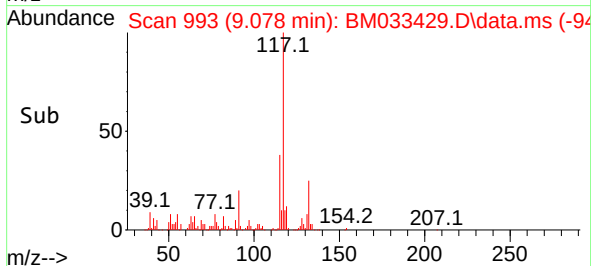
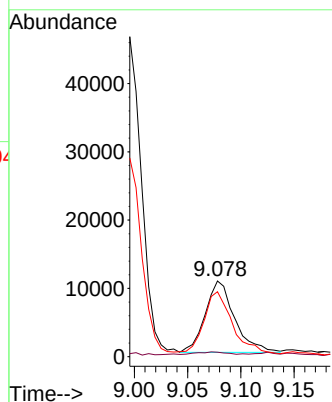
Tgt Ion: 77 Resp: 20056

Ion Ratio Lower Upper

77 100

123 5.9 29.8 44.8#

65 85.7 11.5 17.3#



#31

Naphthalene

Concen: 43.986 ng

RT: 10.743 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BM033429.D

Acq: 12 Dec 2021 01:21

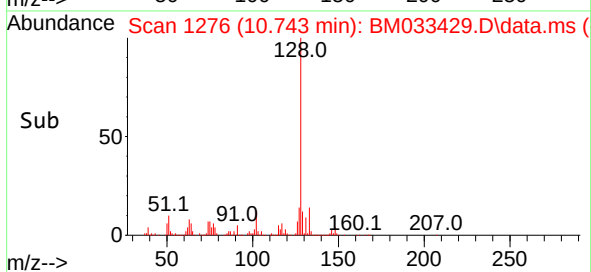
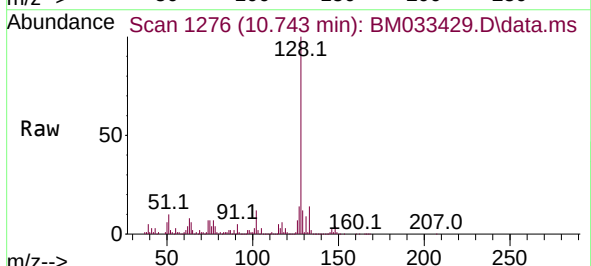
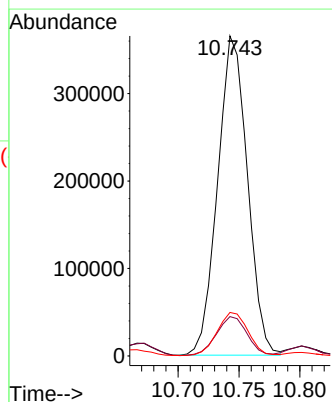
Tgt Ion: 128 Resp: 621204

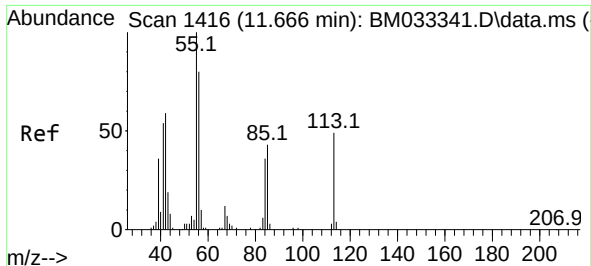
Ion Ratio Lower Upper

128 100

129 12.3 8.5 12.7

127 13.6 10.8 16.2

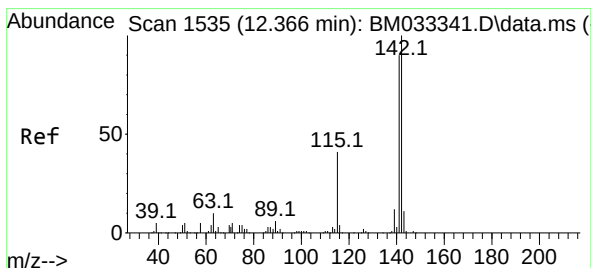
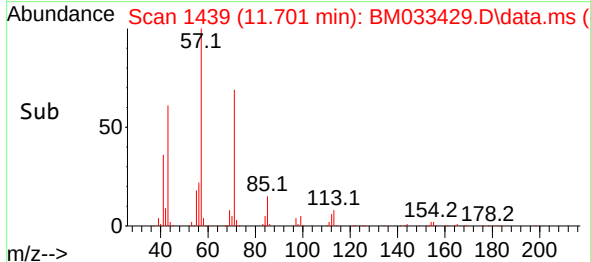
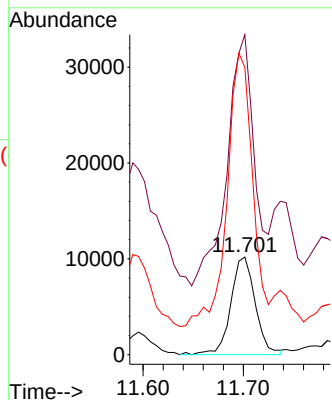
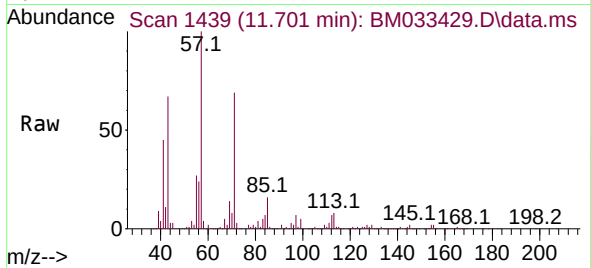




#35
Caprolactam
Concen: 22.010 ng
RT: 11.701 min Scan# 1416
Delta R.T. 0.047 min
Lab File: BM033429.D
Acq: 12 Dec 2021 01:21

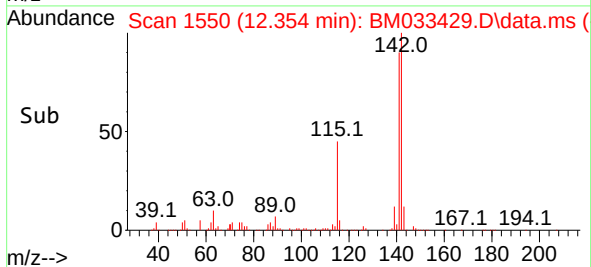
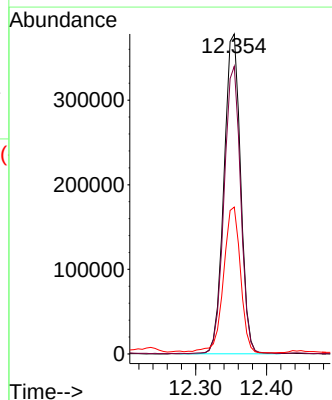
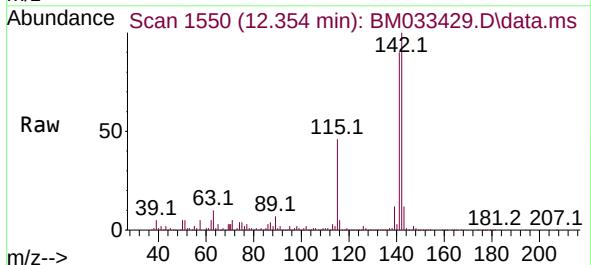
Instrument :
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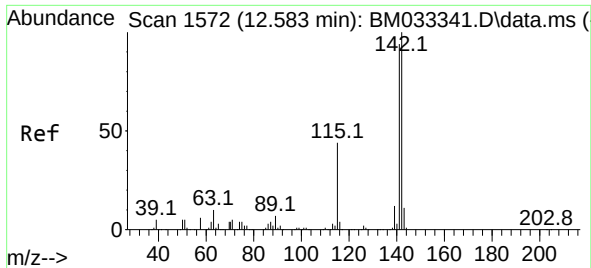
Tgt Ion:113 Resp: 17300
Ion Ratio Lower Upper
113 100
55 328.1 183.6 223.6#
56 294.7 143.7 183.7#



#37
2-Methylnaphthalene
Concen: 63.318 ng
RT: 12.354 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BM033429.D
Acq: 12 Dec 2021 01:21

Tgt Ion:142 Resp: 611276
Ion Ratio Lower Upper
142 100
141 89.9 72.2 108.2
115 45.9 33.0 49.6

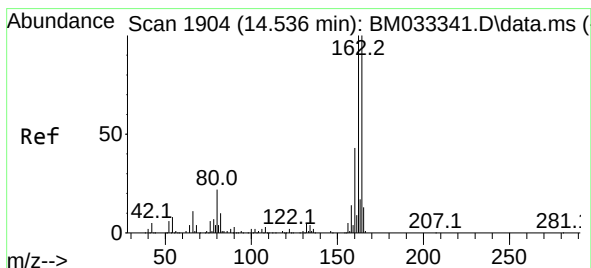
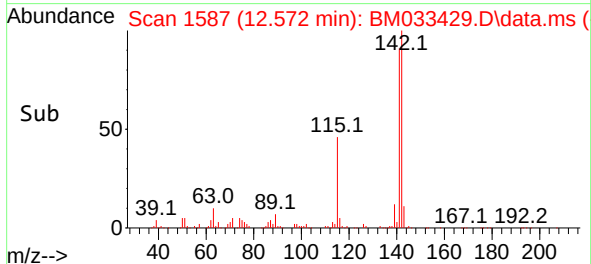
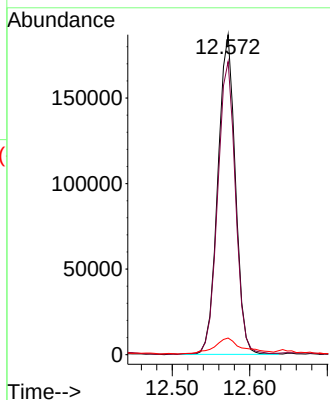
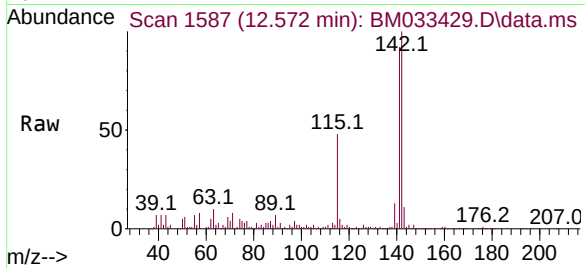




#38
1-Methylnaphthalene
Concen: 30.806 ng
RT: 12.572 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM033429.D
Acq: 12 Dec 2021 01:21

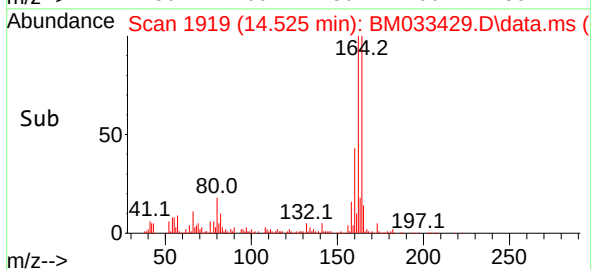
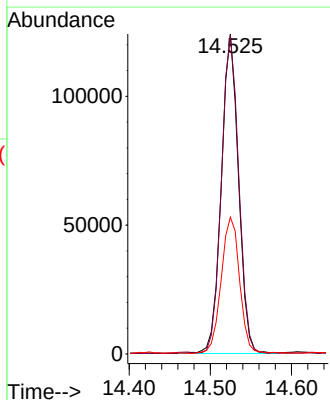
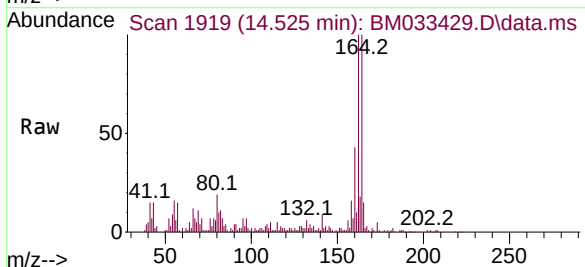
Instrument :
BNA_M
ClientSampleId :

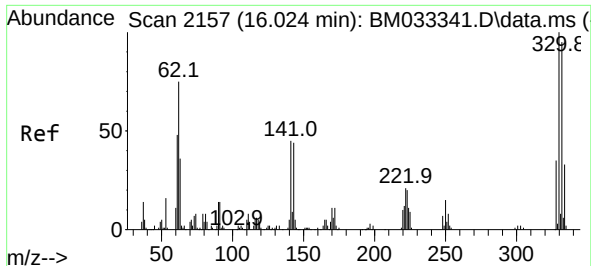
Tgt Ion:142 Resp: 293269
Ion Ratio Lower Upper
142 100
141 91.6 75.0 112.4
116 5.2 3.5 5.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.525 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BM033429.D
Acq: 12 Dec 2021 01:21

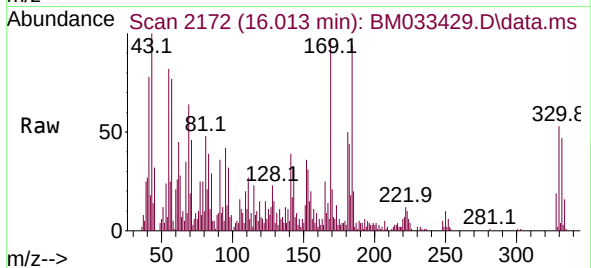
Tgt Ion:164 Resp: 182535
Ion Ratio Lower Upper
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162 99.7 79.7 119.5
160 42.8 34.2 51.4



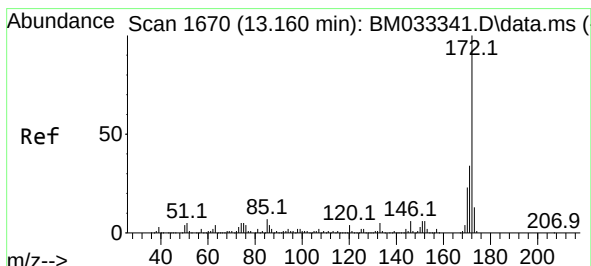
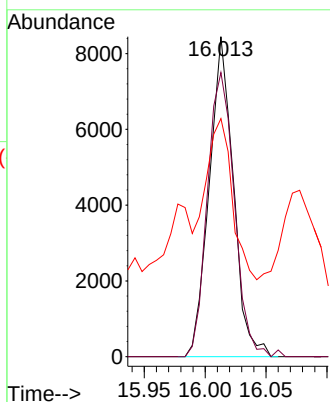
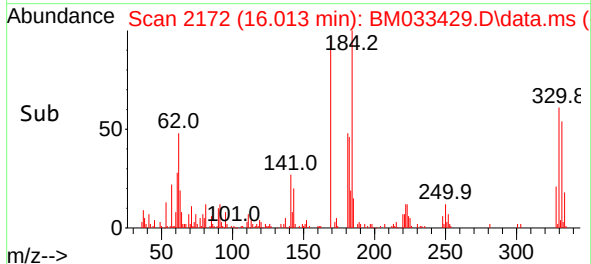


#42
2,4,6-Tribromophenol
Concen: 5.952 ng
RT: 16.013 min Scan# 2157
Delta R.T. 0.000 min
Lab File: BM033429.D
Acq: 12 Dec 2021 01:21

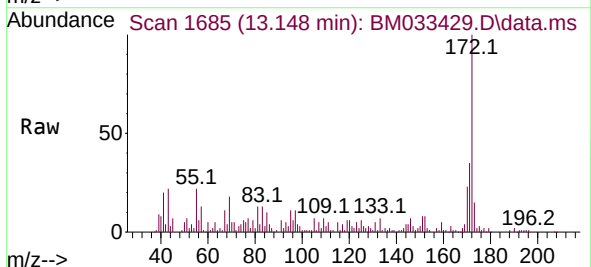
Instrument :
BNA_M
ClientSampleId :



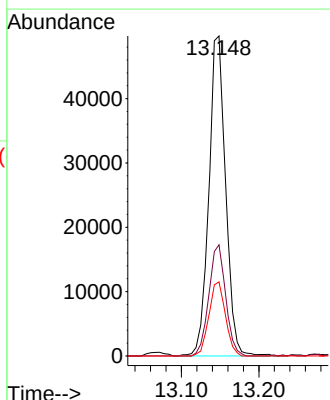
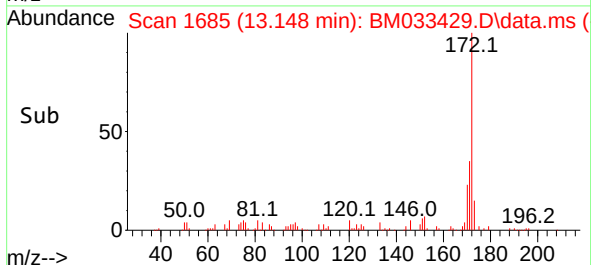
Tgt Ion:330 Resp: 11622
Ion Ratio Lower Upper
330 100
332 99.3 76.5 114.7
141 55.8 35.9 53.9#

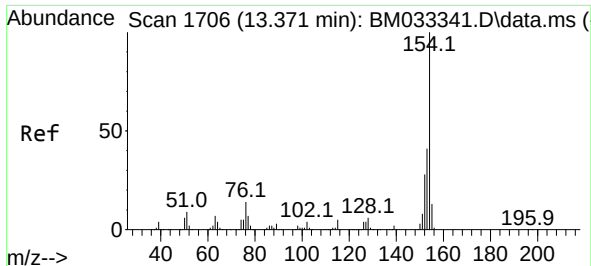


#45
2-Fluorobiphenyl
Concen: 5.668 ng
RT: 13.148 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BM033429.D
Acq: 12 Dec 2021 01:21



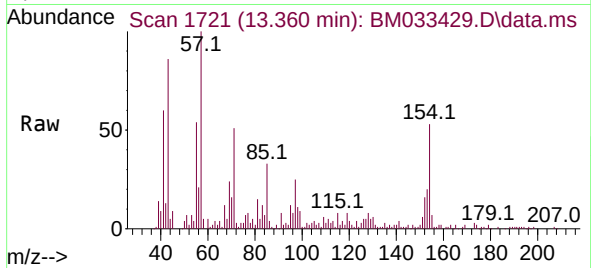
Tgt Ion:172 Resp: 74801
Ion Ratio Lower Upper
172 100
171 34.7 27.2 40.8
170 23.1 18.7 28.1



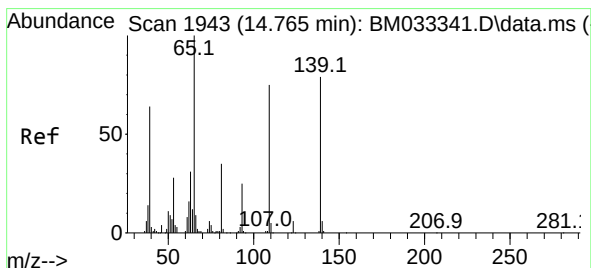
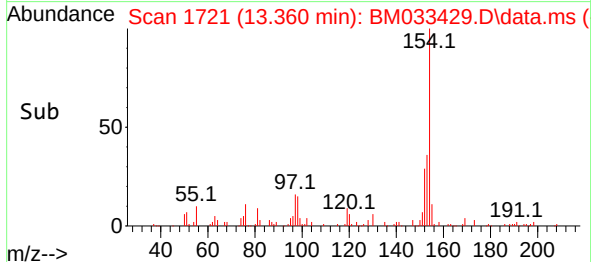
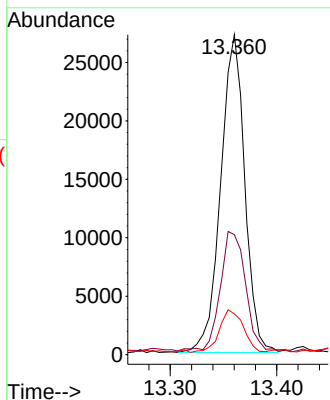


#46
1,1'-Biphenyl
Concen: 3.074 ng
RT: 13.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM033429.D
Acq: 12 Dec 2021 01:21

Instrument :
BNA_M
ClientSampleId :

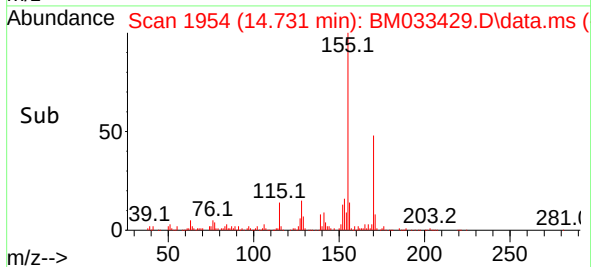
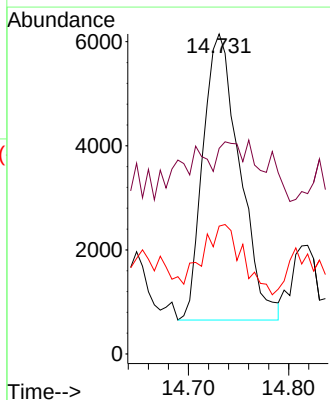
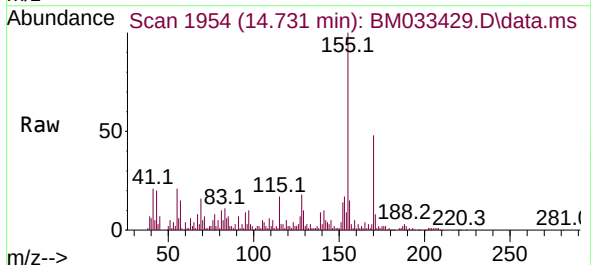


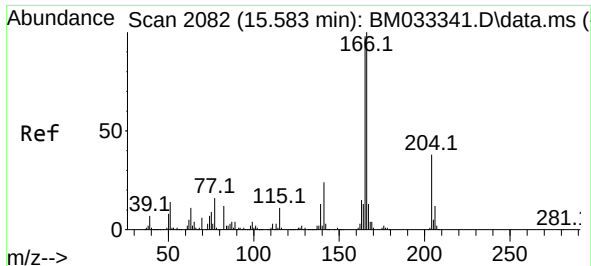
Tgt Ion:154 Resp: 42732
Ion Ratio Lower Upper
154 100
153 37.5 20.7 60.7
76 12.7 0.0 34.4



#56
4-Nitrophenol
Concen: 6.572 ng
RT: 14.731 min Scan# 1954
Delta R.T. -0.023 min
Lab File: BM033429.D
Acq: 12 Dec 2021 01:21

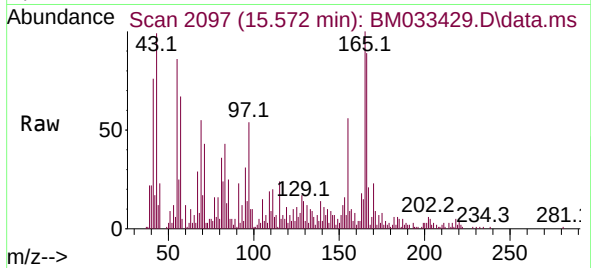
Tgt Ion:139 Resp: 13983
Ion Ratio Lower Upper
139 100
109 64.3 75.3 115.3#
65 39.9 107.4 147.4#



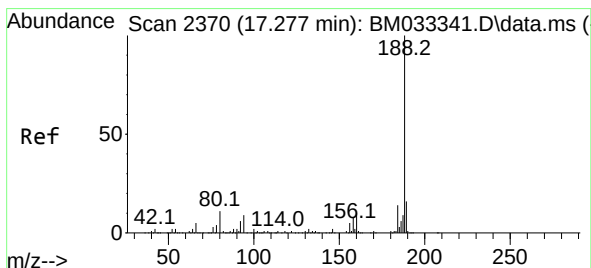
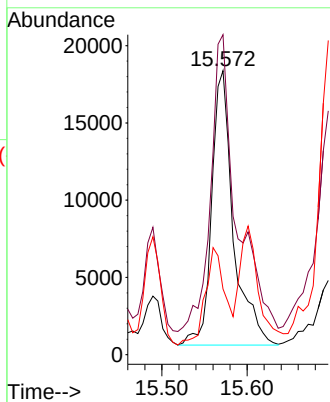
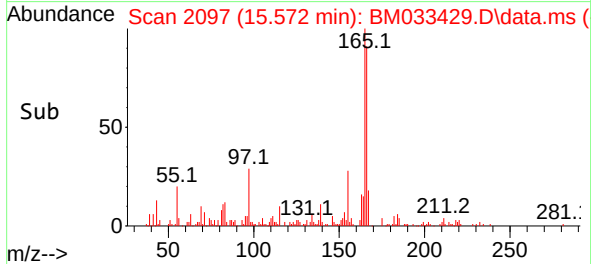


#58
 Fluorene
 Concen: 2.363 ng
 RT: 15.572 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: BM033429.D
 Acq: 12 Dec 2021 01:21

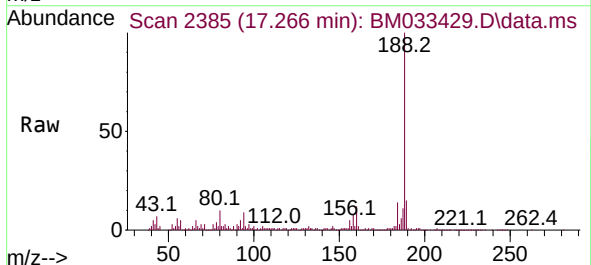
Instrument :
 BNA_M
 ClientSampleId :



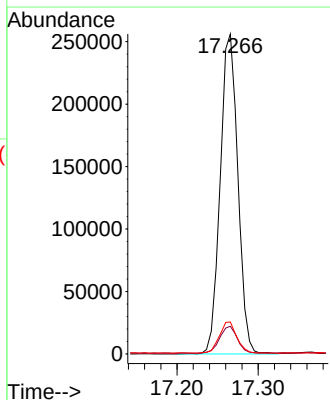
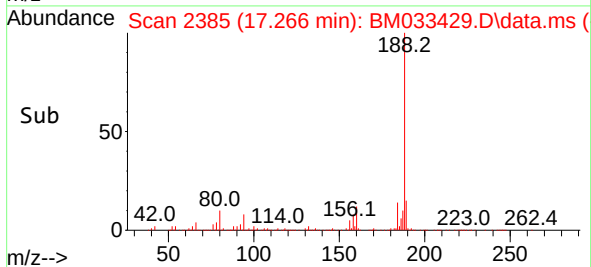
Tgt Ion:166 Resp: 31442
 Ion Ratio Lower Upper
 166 100
 165 112.7 78.1 117.1
 167 23.2 10.6 15.8#

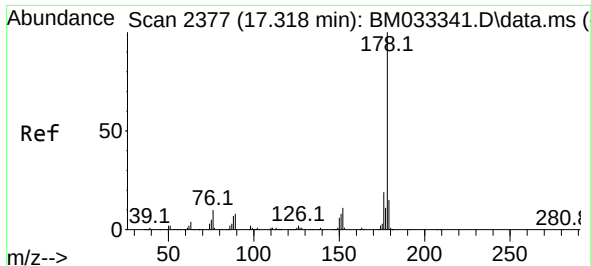


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.266 min Scan# 2385
 Delta R.T. 0.000 min
 Lab File: BM033429.D
 Acq: 12 Dec 2021 01:21



Tgt Ion:188 Resp: 387972
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.5 11.3
 80 10.0 8.9 13.3

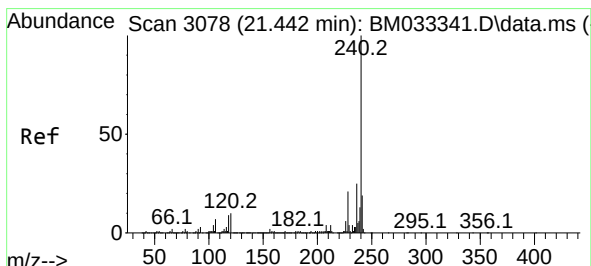
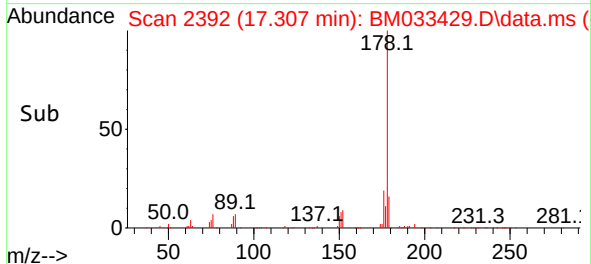
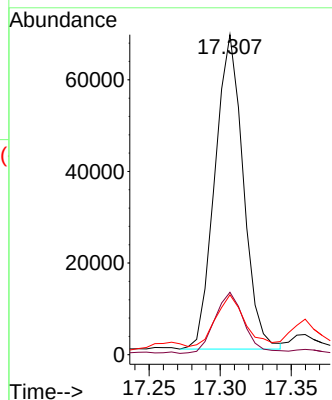
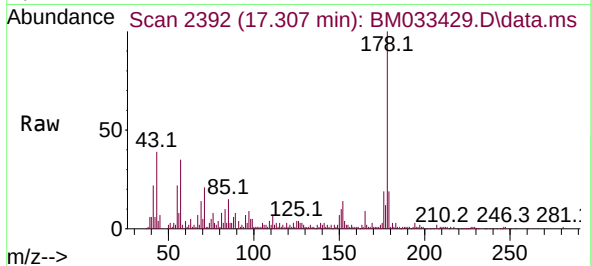




#71
Phenanthrene
Concen: 4.385 ng
RT: 17.307 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM033429.D
Acq: 12 Dec 2021 01:21

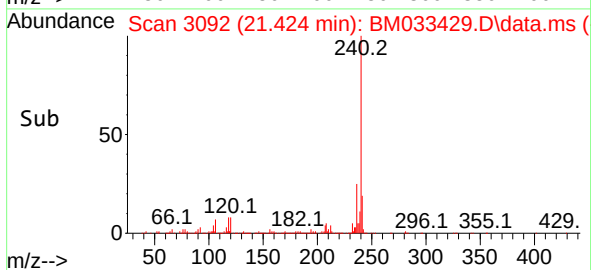
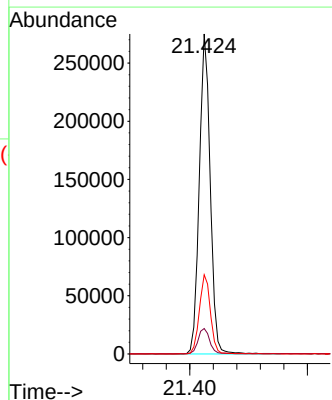
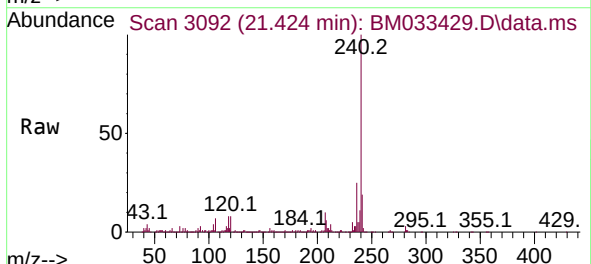
Instrument :
BNA_M
ClientSampleId :

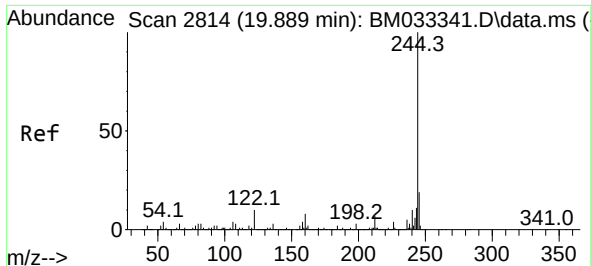
Tgt Ion:178 Resp: 95243
Ion Ratio Lower Upper
178 100
176 19.5 15.1 22.7
179 18.7 12.0 18.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.424 min Scan# 3092
Delta R.T. -0.006 min
Lab File: BM033429.D
Acq: 12 Dec 2021 01:21

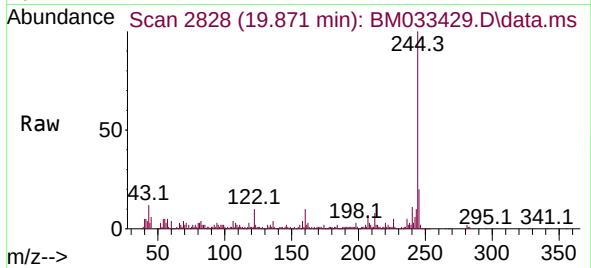
Tgt Ion:240 Resp: 354696
Ion Ratio Lower Upper
240 100
120 7.9 7.8 11.6
236 24.7 20.3 30.5



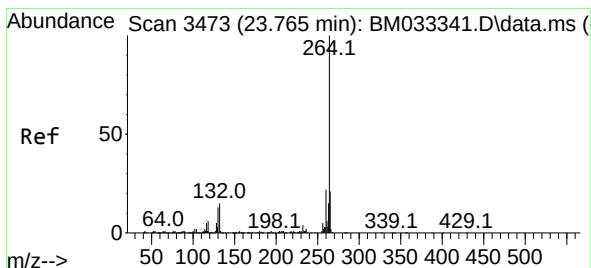
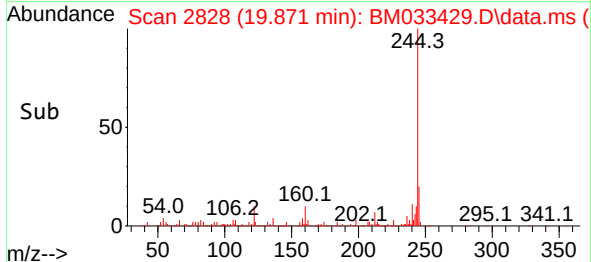
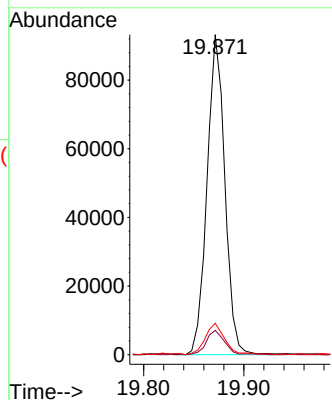


#79
 Terphenyl-d14
 Concen: 6.033 ng
 RT: 19.871 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM033429.D
 Acq: 12 Dec 2021 01:21

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:244 Resp: 115510
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 9.8 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.742 min Scan# 3486
 Delta R.T. -0.011 min
 Lab File: BM033429.D
 Acq: 12 Dec 2021 01:21

Tgt Ion:264 Resp: 289282
 Ion Ratio Lower Upper
 264 100
 260 24.1 17.7 26.5
 265 22.7 17.7 26.5

