

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122021\
 Data File : BM033546.D
 Acq On : 20 Dec 2021 18:44
 Operator : CG/JU
 Sample : M5165-01RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 21 04:00:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 21 03:57:10 2021
 Response via : Initial Calibration

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

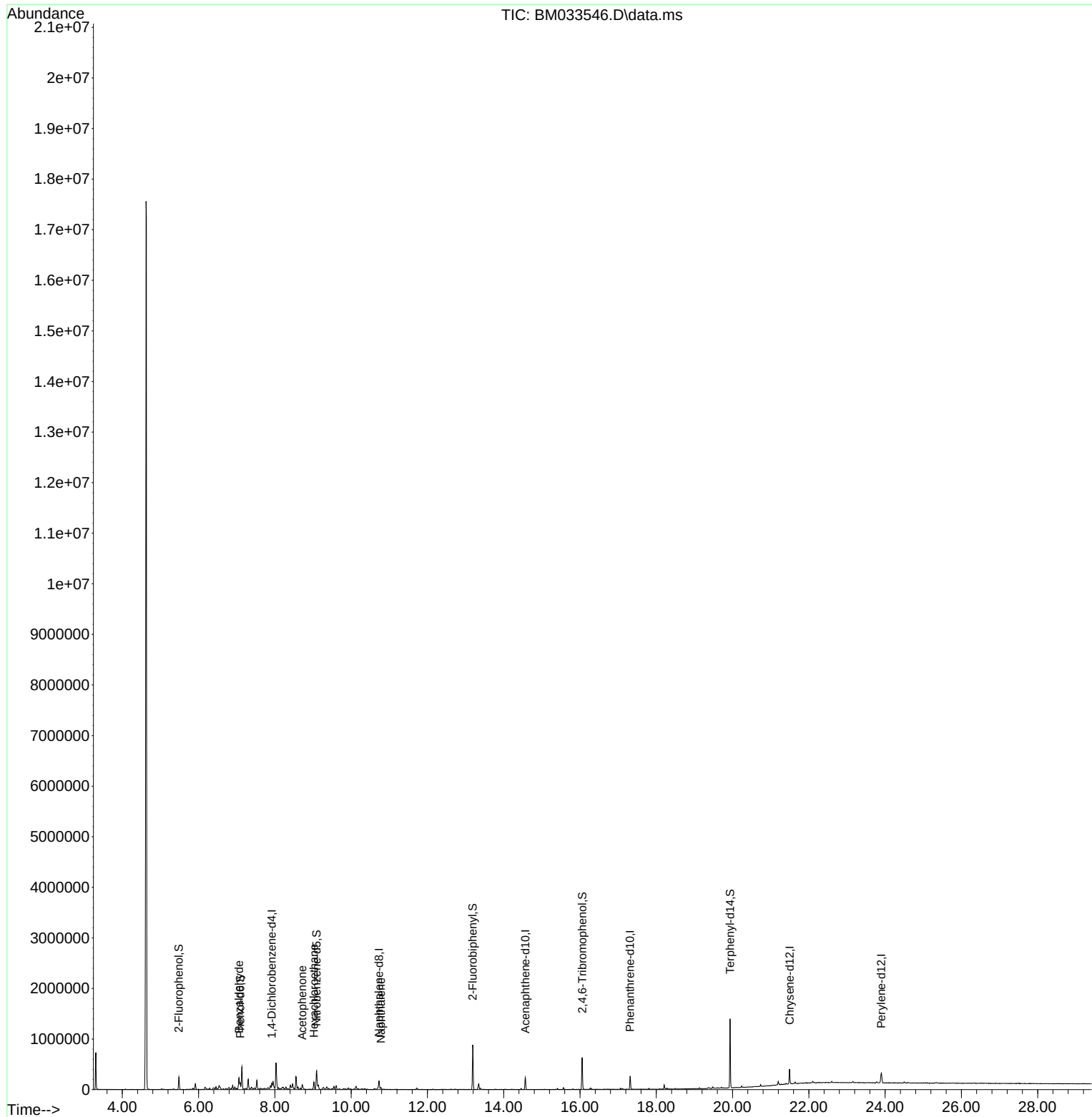
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	26971	20.000	ng	0.00
21) Naphthalene-d8	10.730	136	113466	20.000	ng	# 0.00
39) Acenaphthene-d10	14.565	164	75167	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	146786	20.000	ng	# 0.00
76) Chrysene-d12	21.494	240	132234	20.000	ng	0.00
86) Perylene-d12	23.900	264	144971	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	75440	48.265	ng	0.00
7) Phenol-d6	7.089	99	56281	26.831	ng	0.00
23) Nitrobenzene-d5	9.095	82	183478	69.432	ng	0.00
42) 2,4,6-Tribromophenol	16.059	330	83257	98.465	ng	0.00
45) 2-Fluorobiphenyl	13.189	172	392355	72.205	ng	0.00
79) Terphenyl-d14	19.936	244	550056	65.488	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.060	77	13972	7.535	ng	# 1
18) Hexachloroethane	9.025	117	13447	15.277	ng	# 1
22) Acetophenone	8.719	105	55810	18.167	ng	# 55
31) Naphthalene	10.783	128	20222	3.290	ng	98

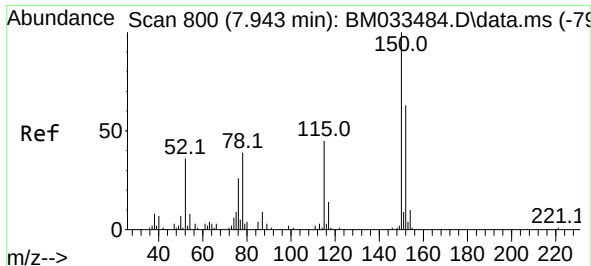
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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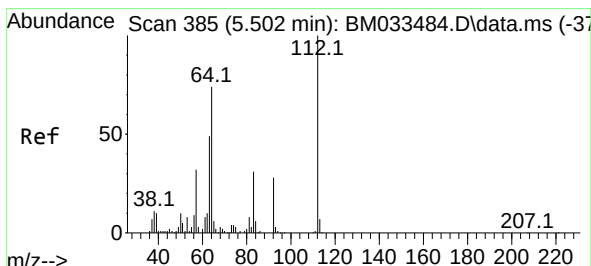
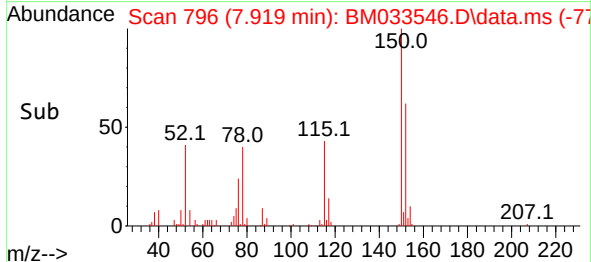
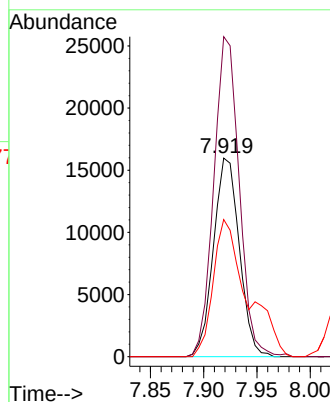
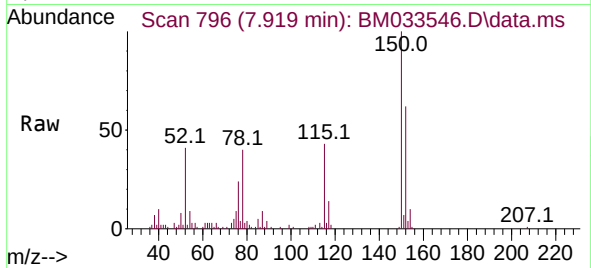




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.919 min Scan# 796
Delta R.T. -0.000 min
Lab File: BM033546.D
Acq: 20 Dec 2021 18:44

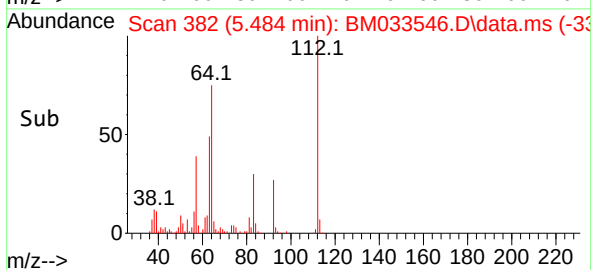
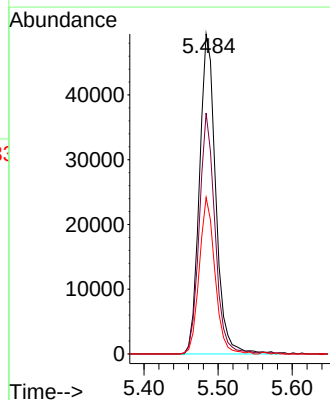
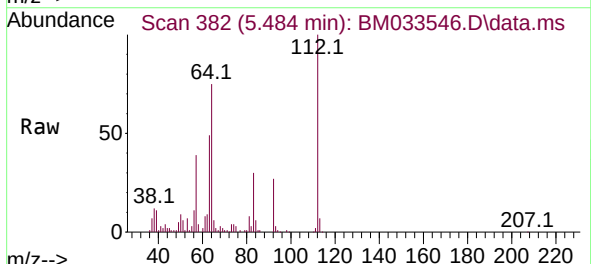
Instrument :
BNA_M
ClientSampleId :

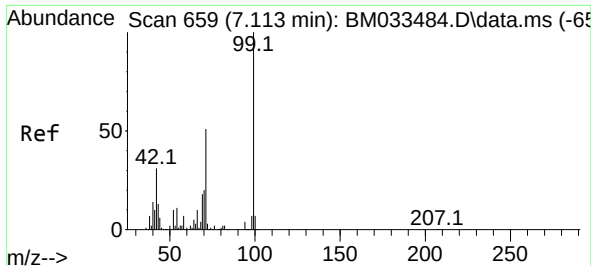
Tgt Ion:152 Resp: 26971
Ion Ratio Lower Upper
152 100
150 161.1 128.9 193.3
115 69.1 53.0 79.6



#5
2-Fluorophenol
Concen: 48.265 ng
RT: 5.484 min Scan# 382
Delta R.T. -0.000 min
Lab File: BM033546.D
Acq: 20 Dec 2021 18:44

Tgt Ion:112 Resp: 75440
Ion Ratio Lower Upper
112 100
64 75.3 55.5 83.3
63 48.9 31.3 46.9#

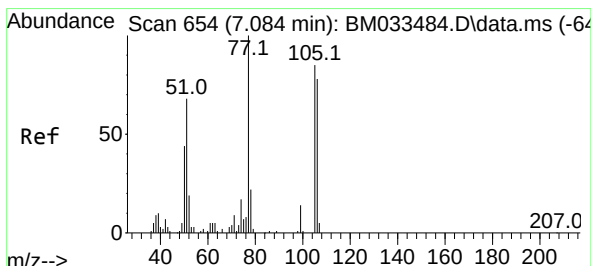
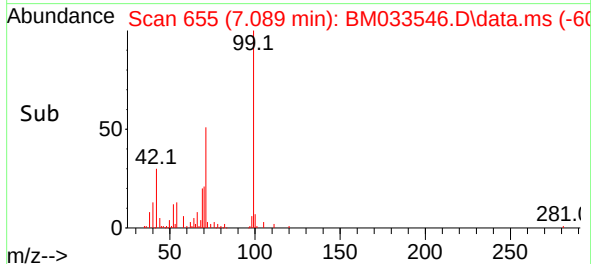
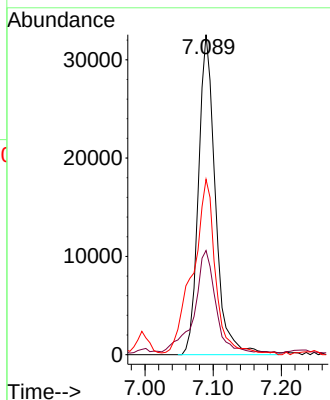
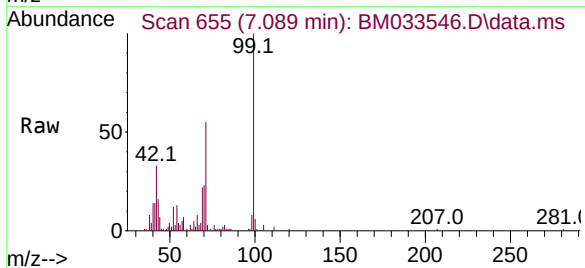




#7
Phenol-d6
Concen: 26.831 ng
RT: 7.089 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM033546.D
Acq: 20 Dec 2021 18:44

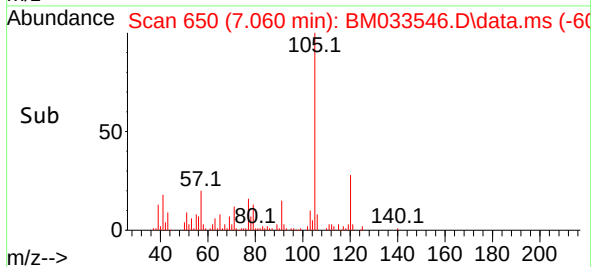
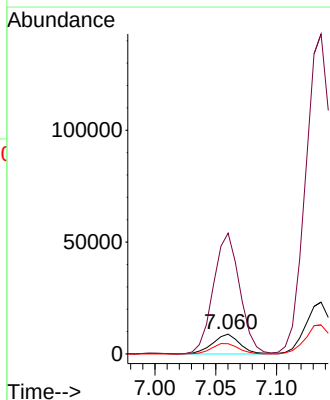
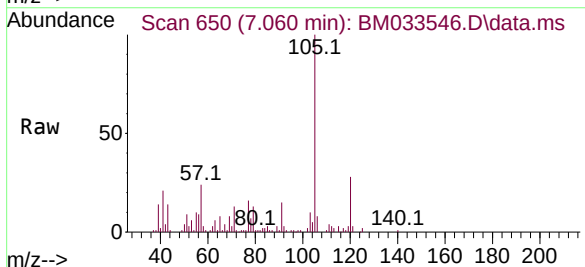
Instrument :
BNA_M
ClientSampleId :

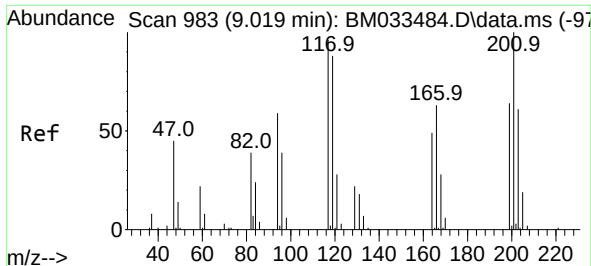
Tgt Ion: 99 Resp: 56281
Ion Ratio Lower Upper
99 100
42 32.5 20.3 30.5#
71 54.8 34.5 51.7#



#9
Benzaldehyde
Concen: 7.535 ng
RT: 7.060 min Scan# 650
Delta R.T. -0.006 min
Lab File: BM033546.D
Acq: 20 Dec 2021 18:44

Tgt Ion: 77 Resp: 13972
Ion Ratio Lower Upper
77 100
105 608.8 67.1 107.1#
106 51.6 64.3 104.3#

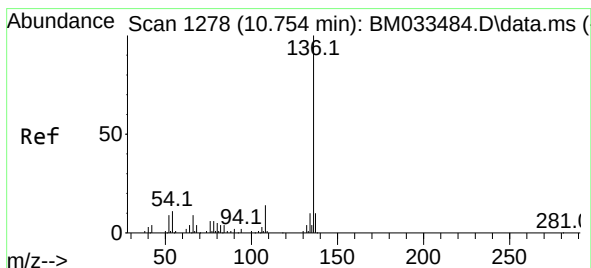
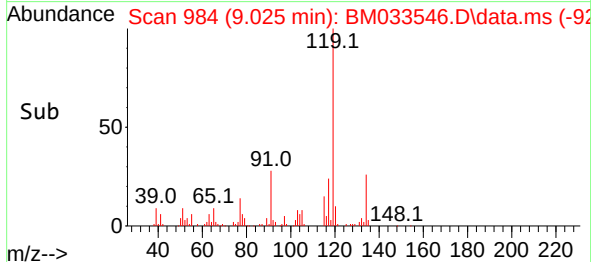
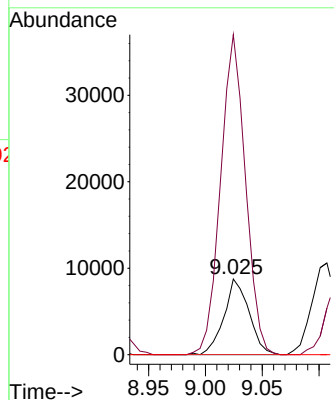
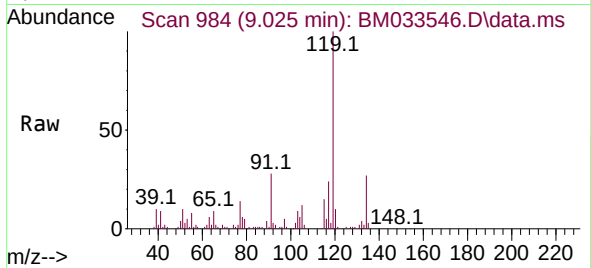




#18
Hexachloroethane
Concen: 15.277 ng
RT: 9.025 min Scan# 91
Delta R.T. 0.029 min
Lab File: BM033546.D
Acq: 20 Dec 2021 18:44

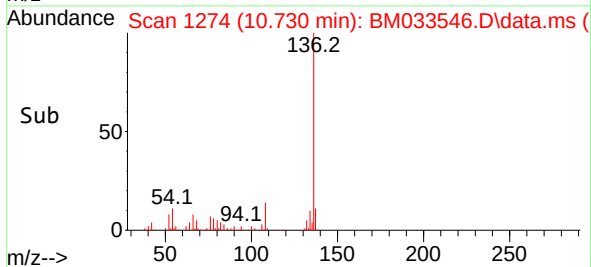
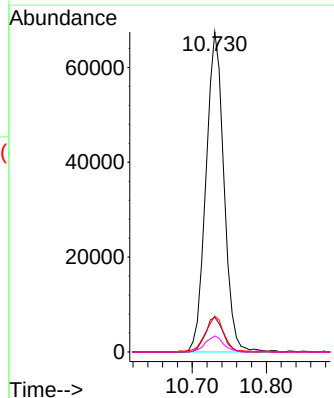
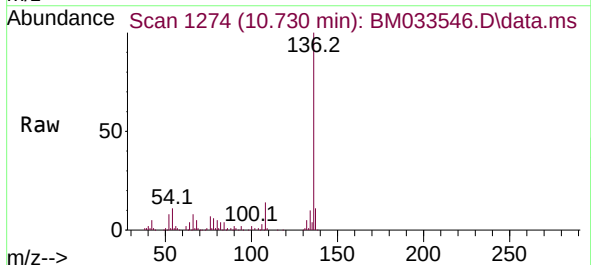
Instrument :
BNA_M
ClientSampleId :

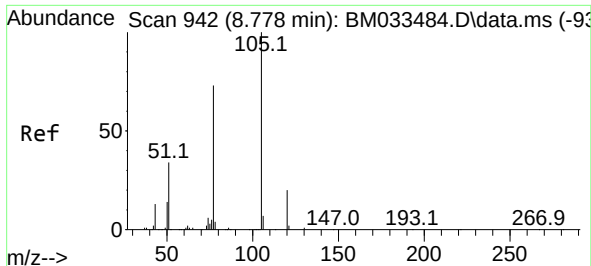
Tgt Ion:117 Resp: 13447
Ion Ratio Lower Upper
117 100
119 422.9 75.0 112.6#
201 0.0 75.2 112.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.730 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BM033546.D
Acq: 20 Dec 2021 18:44

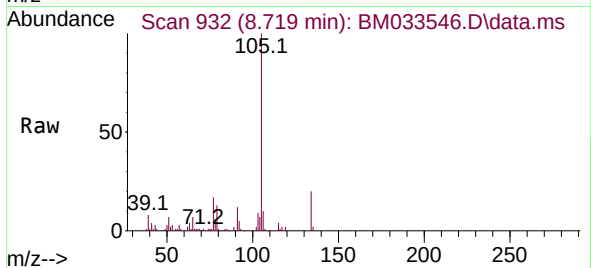
Tgt Ion:136 Resp: 113466
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 11.2 8.3 12.5
68 5.0 5.0 7.6#



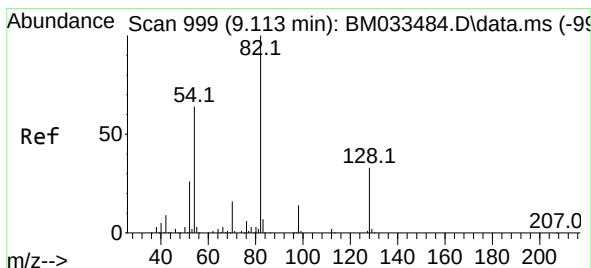
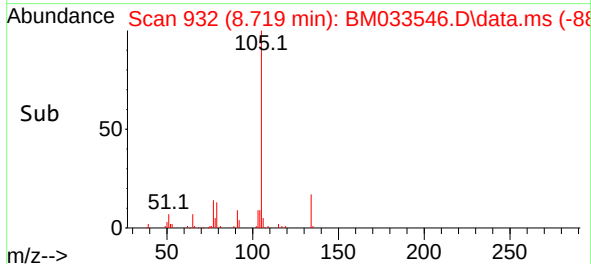
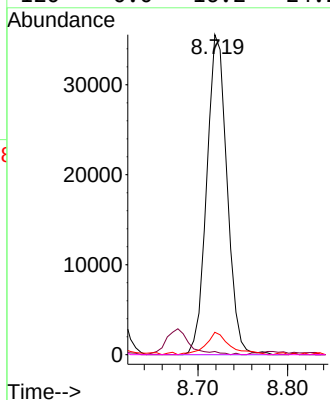


#22
Acetophenone
Concen: 18.167 ng
RT: 8.719 min Scan# 911
Delta R.T. -0.036 min
Lab File: BM033546.D
Acq: 20 Dec 2021 18:44

Instrument :
BNA_M
ClientSampleId :

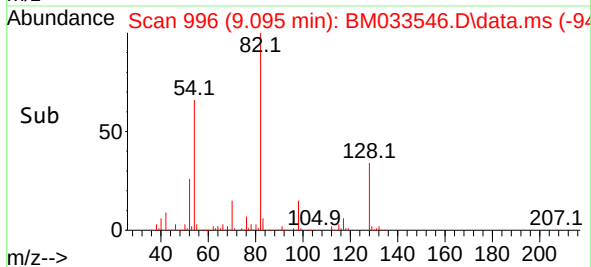
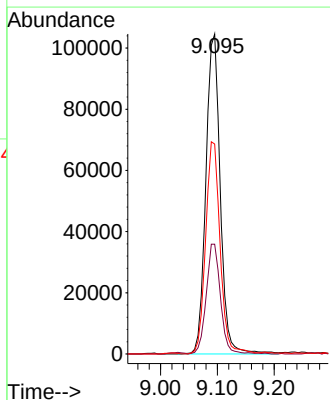
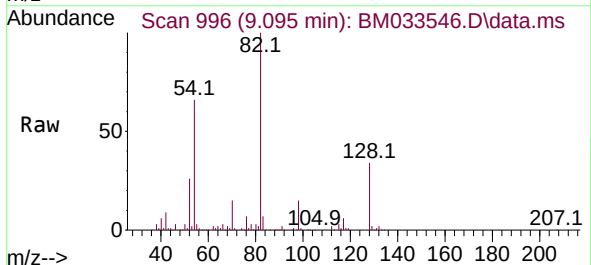


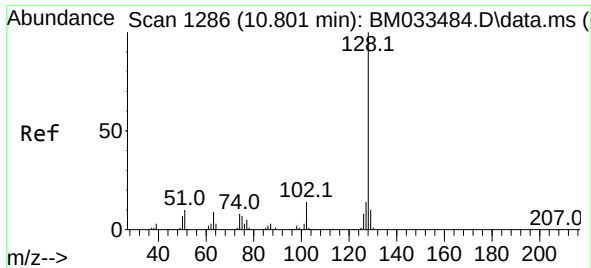
Tgt Ion:	105	Resp:	55810
Ion	Ratio	Lower	Upper
105	100		
71	1.0	1.6	2.4#
51	7.0	27.7	41.5#
120	0.0	16.2	24.2#



#23
Nitrobenzene-d5
Concen: 69.432 ng
RT: 9.095 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM033546.D
Acq: 20 Dec 2021 18:44

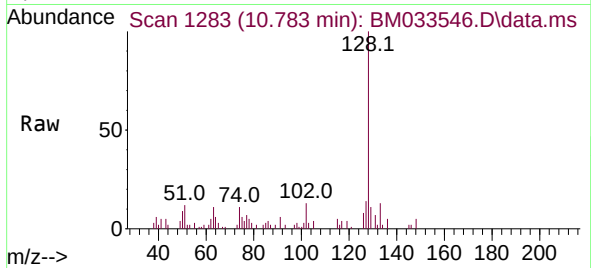
Tgt Ion:	82	Resp:	183478
Ion	Ratio	Lower	Upper
82	100		
128	34.3	28.1	42.1
54	65.6	46.1	69.1



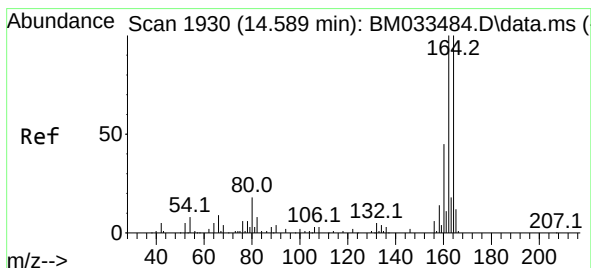
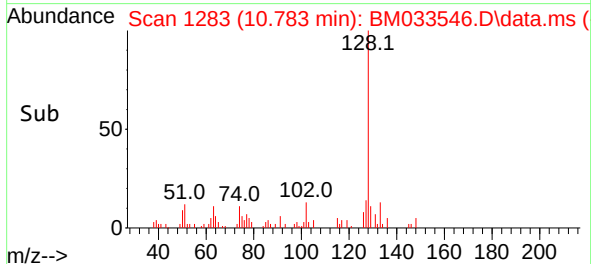
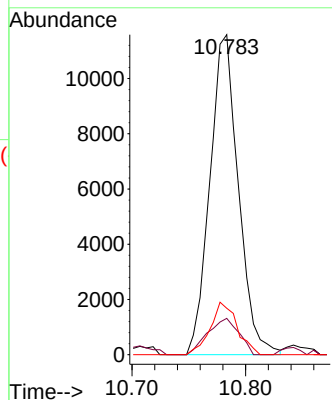


#31
Naphthalene
Concen: 3.290 ng
RT: 10.783 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM033546.D
Acq: 20 Dec 2021 18:44

Instrument :
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ClientSampleId :

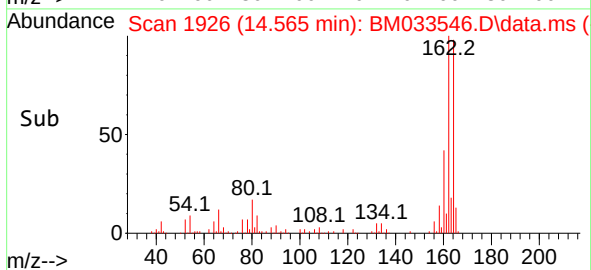
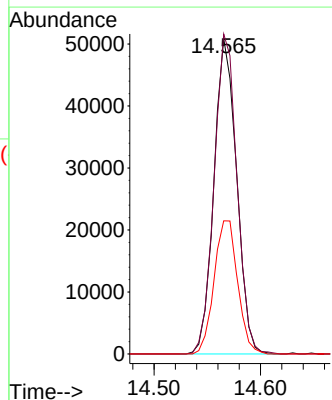
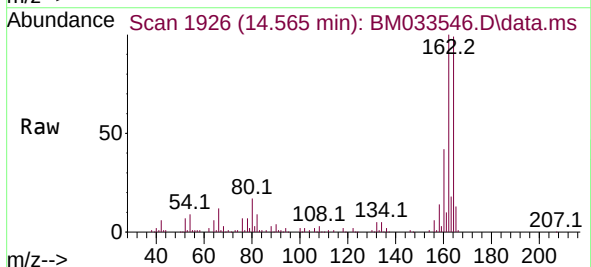


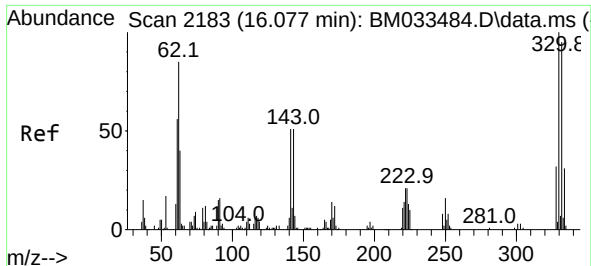
Tgt Ion:128 Resp: 20222
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 14.5 10.8 16.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.565 min Scan# 1926
Delta R.T. -0.000 min
Lab File: BM033546.D
Acq: 20 Dec 2021 18:44

Tgt Ion:164 Resp: 75167
Ion Ratio Lower Upper
164 100
162 101.4 79.7 119.5
160 42.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 98.465 ng

RT: 16.059 min Scan# 21

Delta R.T. -0.000 min

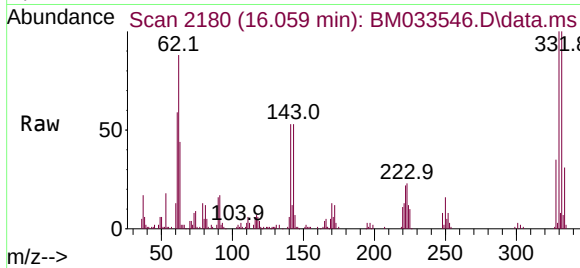
Lab File: BM033546.D

Acq: 20 Dec 2021 18:44

Instrument :

BNA_M

ClientSampleId :



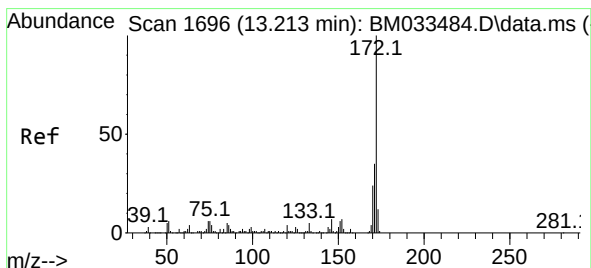
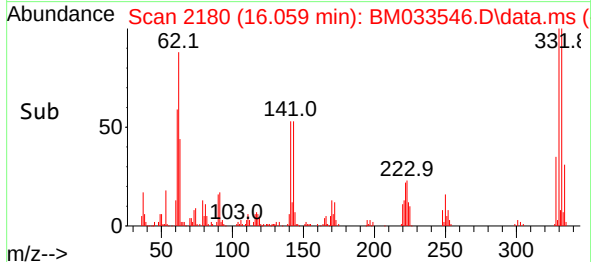
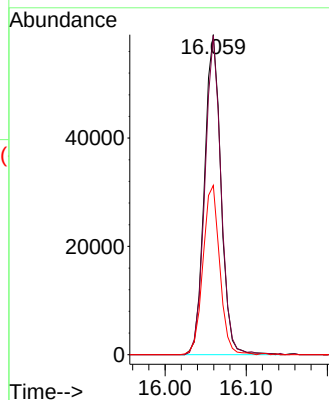
Tgt Ion:330 Resp: 83257

Ion Ratio Lower Upper

330 100

332 97.7 76.5 114.7

141 53.6 35.9 53.9



#45

2-Fluorobiphenyl

Concen: 72.205 ng

RT: 13.189 min Scan# 1692

Delta R.T. -0.006 min

Lab File: BM033546.D

Acq: 20 Dec 2021 18:44

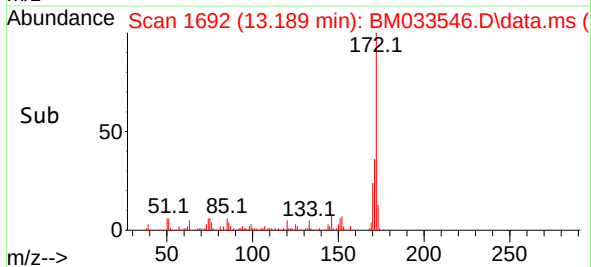
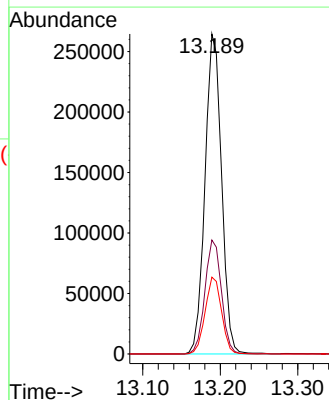
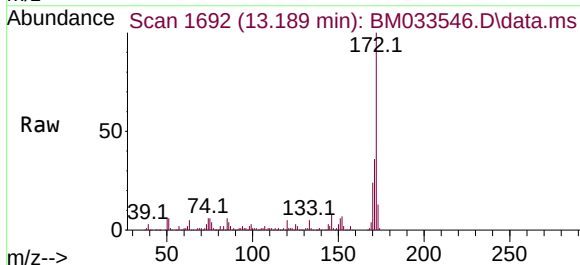
Tgt Ion:172 Resp: 392355

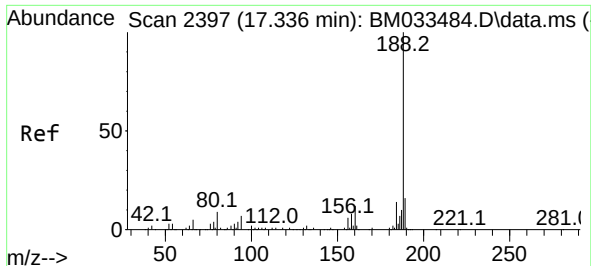
Ion Ratio Lower Upper

172 100

171 35.6 27.2 40.8

170 24.0 18.7 28.1

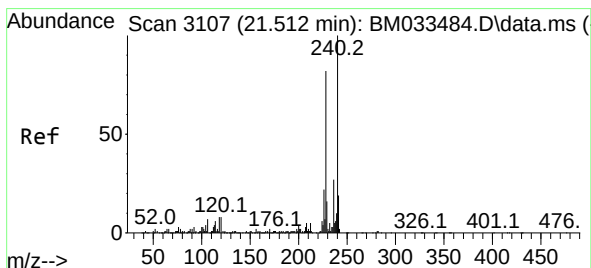
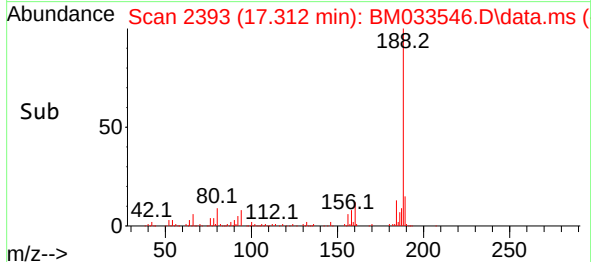
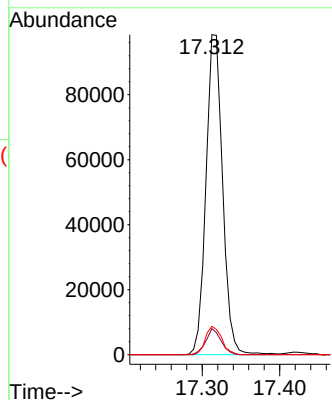
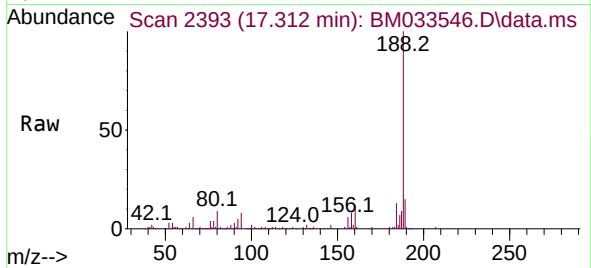




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033546.D
Acq: 20 Dec 2021 18:44

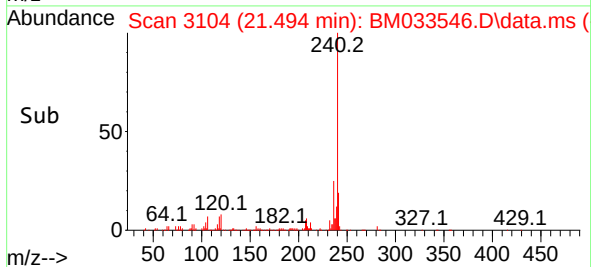
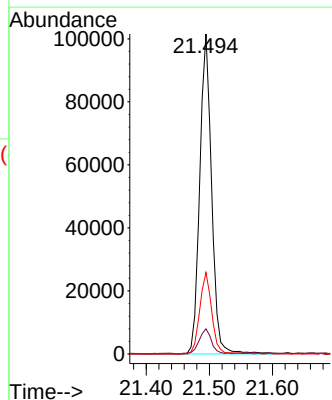
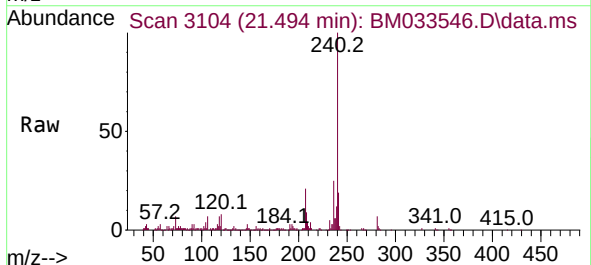
Instrument :
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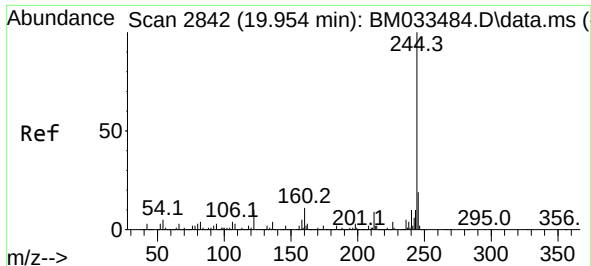
Tgt Ion:188 Resp: 146786
Ion Ratio Lower Upper
188 100
94 8.2 7.5 11.3
80 8.9 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.494 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BM033546.D
Acq: 20 Dec 2021 18:44

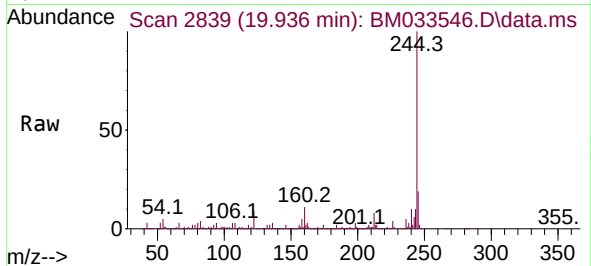
Tgt Ion:240 Resp: 132234
Ion Ratio Lower Upper
240 100
120 7.8 7.8 11.6
236 25.5 20.3 30.5



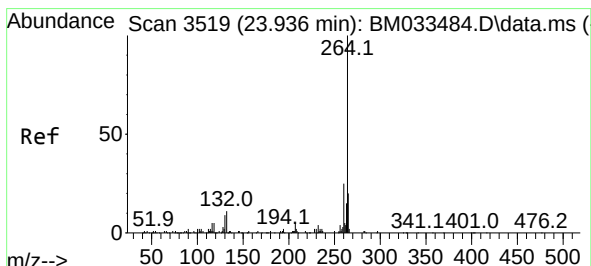
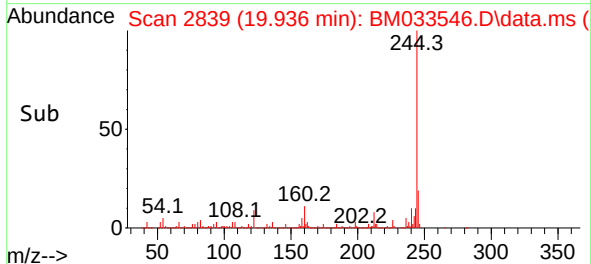
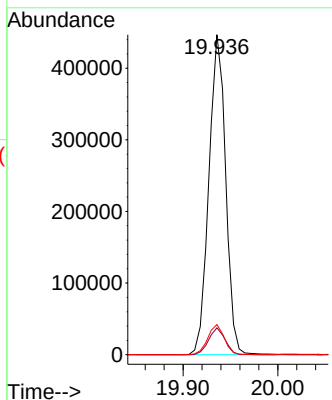


#79
 Terphenyl-d14
 Concen: 65.488 ng
 RT: 19.936 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM033546.D
 Acq: 20 Dec 2021 18:44

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:244 Resp: 550056
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.9 8.9
 122 9.4 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.900 min Scan# 3513
 Delta R.T. -0.000 min
 Lab File: BM033546.D
 Acq: 20 Dec 2021 18:44

Tgt Ion:264 Resp: 144971
 Ion Ratio Lower Upper
 264 100
 260 26.8 17.7 26.5#
 265 22.4 17.7 26.5

