

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

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-INFLUENT

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)

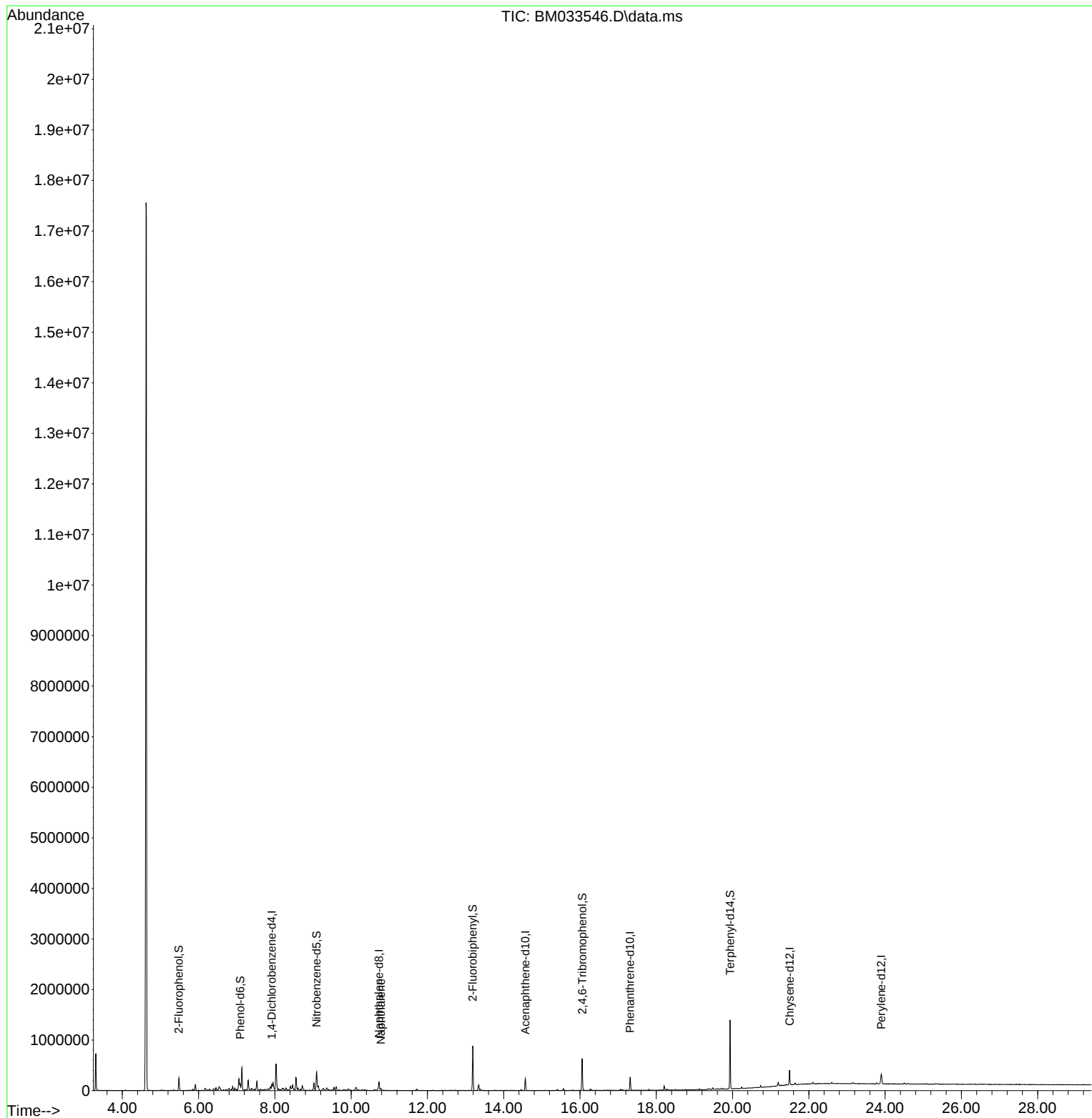
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	26971	20.000	ng	0.00
21) Naphthalene-d8	10.730	136	113466	20.000	ng	# 0.00
39) Acenaphthene-d10	14.565	164	75167	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	146786	20.000	ng	# 0.00
76) Chrysene-d12	21.494	240	132234	20.000	ng	0.00
86) Perylene-d12	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						
31) Naphthalene	10.783	128	20222	3.290	ng	Qvalue 98

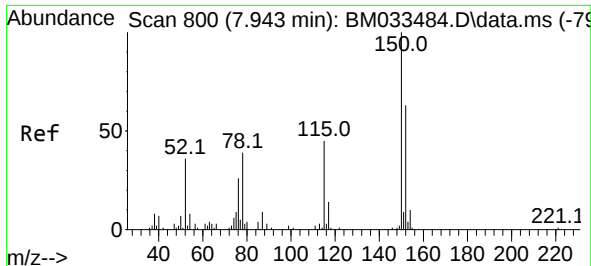
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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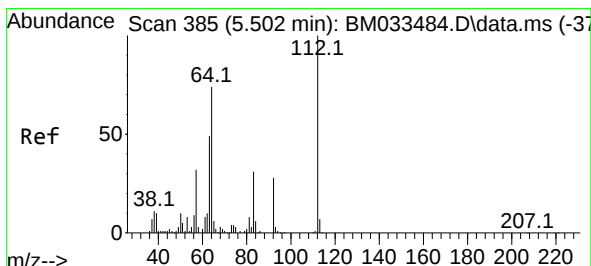
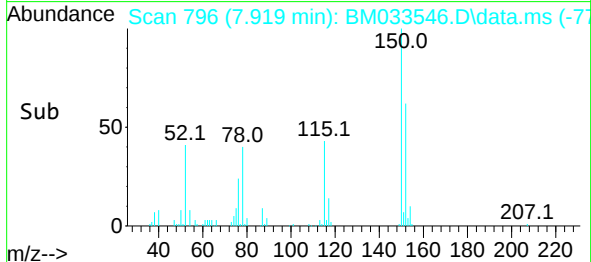
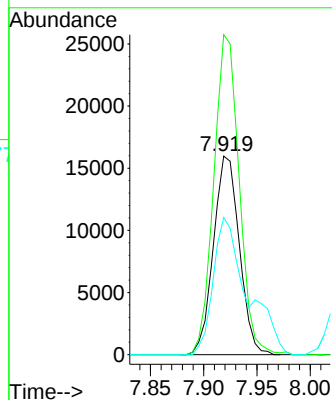
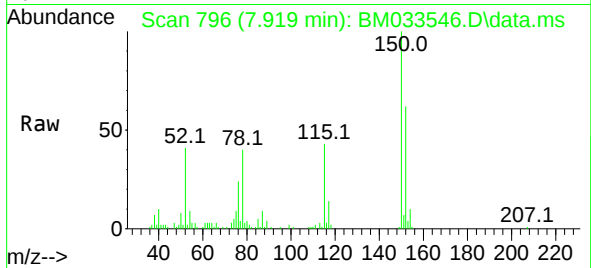




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.919 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM033546.D
Acq: 20 Dec 2021 18:44

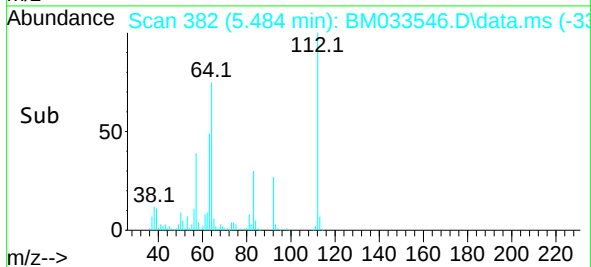
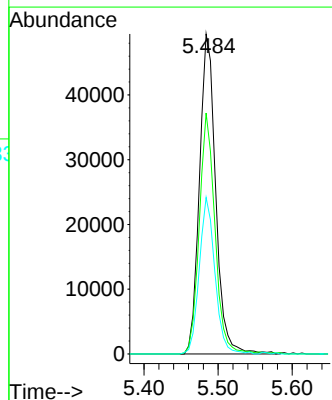
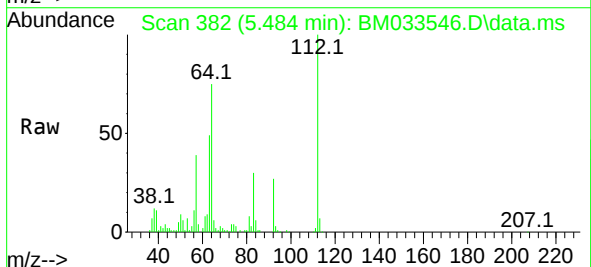
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ClientSampleId :
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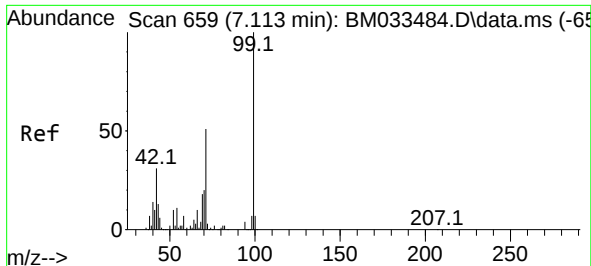
Tgt Ion:152 Resp: 26971
Ion Ratio Lower Upper
152 100
150 161.1 128.9 193.3
115 69.1 53.0 79.6



#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#

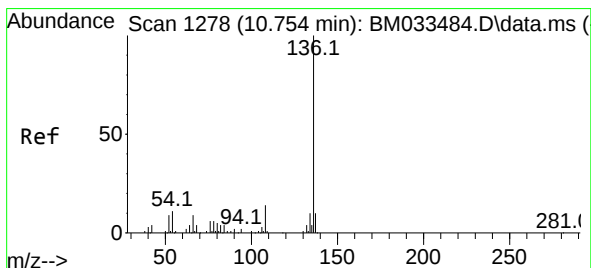
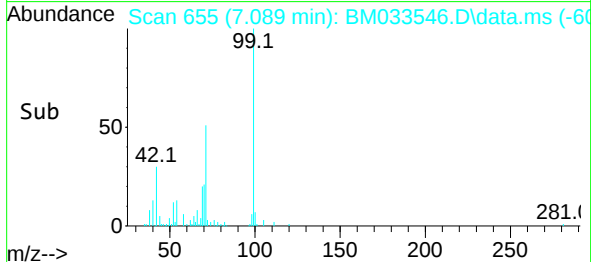
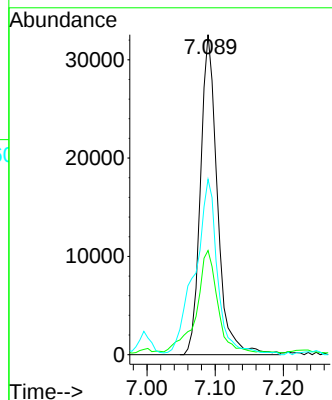
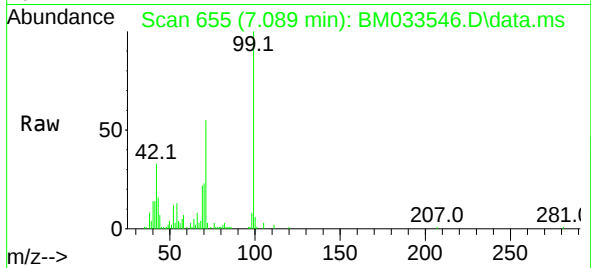




#7
Phenol-d6
Concen: 26.831 ng
RT: 7.089 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM033546.D
Acq: 20 Dec 2021 18:44

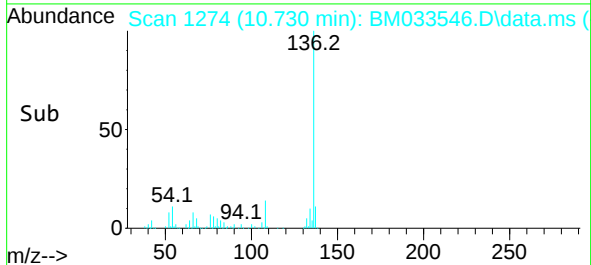
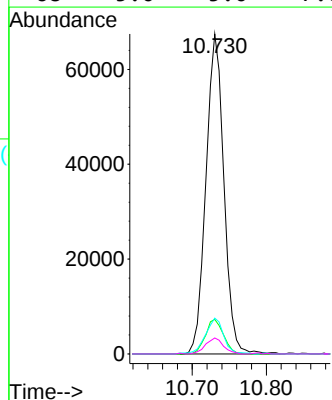
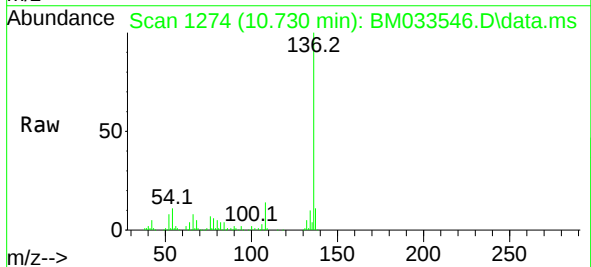
Instrument :
BNA_M
ClientSampleId :
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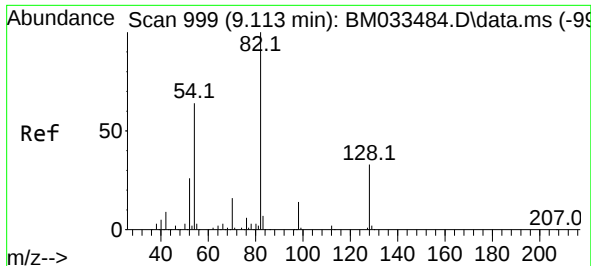
Tgt Ion: 99 Resp: 56281
Ion Ratio Lower Upper
99 100
42 32.5 20.3 30.5#
71 54.8 34.5 51.7#



#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#

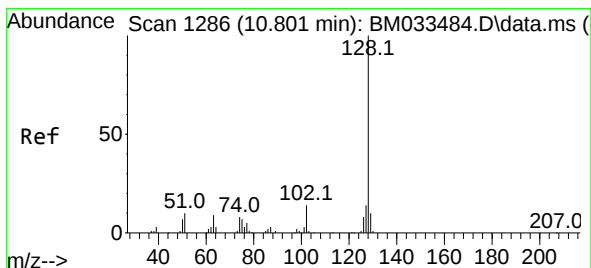
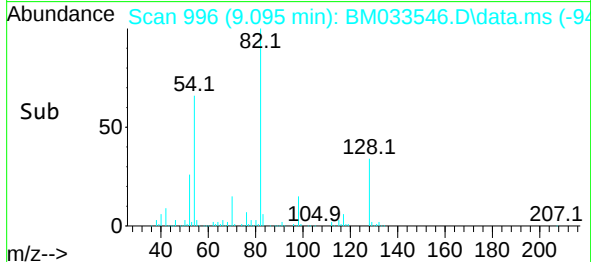
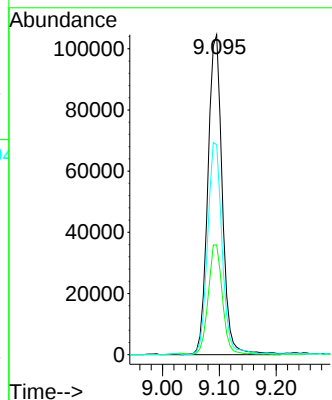
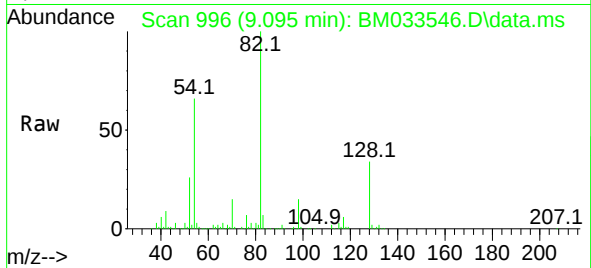




#23
Nitrobenzene-d5
Concen: 69.432 ng
RT: 9.095 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM033546.D
Acq: 20 Dec 2021 18:44

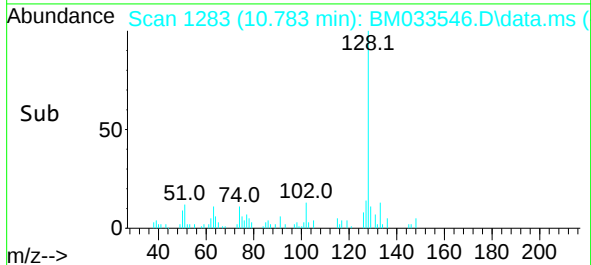
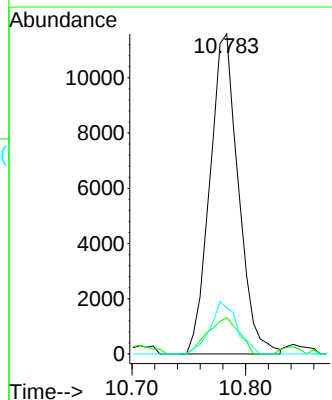
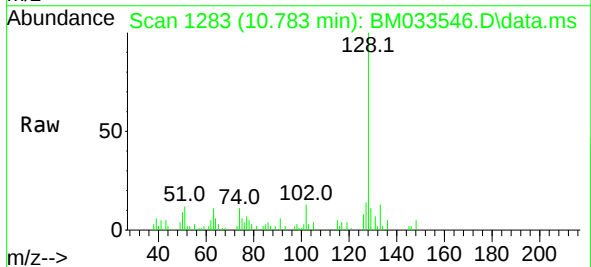
Instrument :
BNA_M
ClientSampleId :
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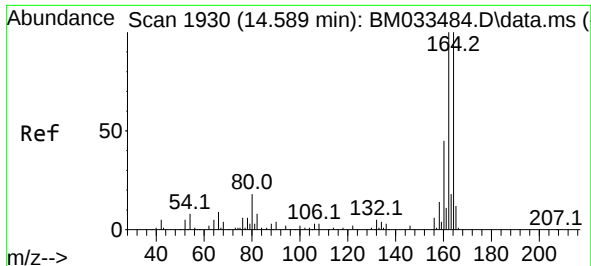
Tgt Ion: 82 Resp: 183478
Ion Ratio Lower Upper
82 100
128 34.3 28.1 42.1
54 65.6 46.1 69.1



#31
Naphthalene
Concen: 3.290 ng
RT: 10.783 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BM033546.D
Acq: 20 Dec 2021 18:44

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

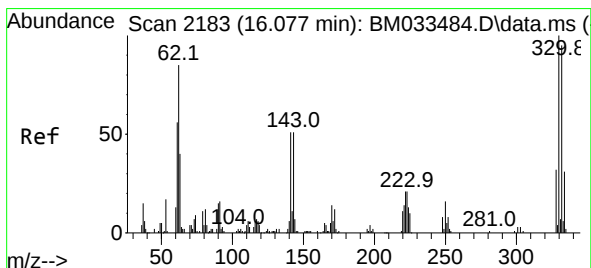
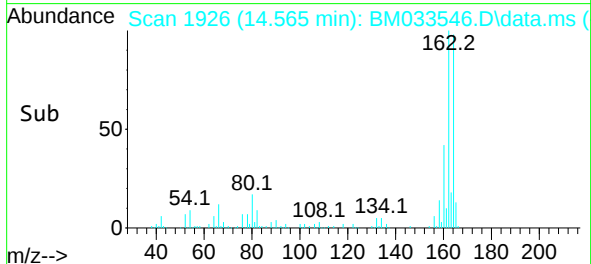
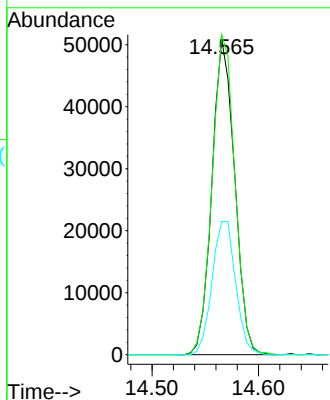
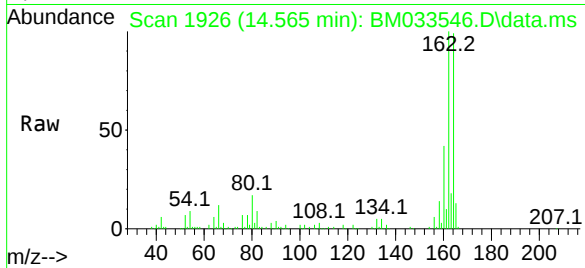




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.565 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BM033546.D
Acq: 20 Dec 2021 18:44

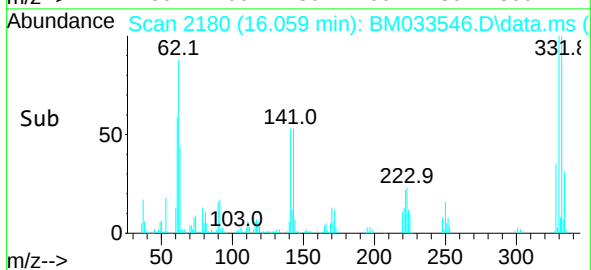
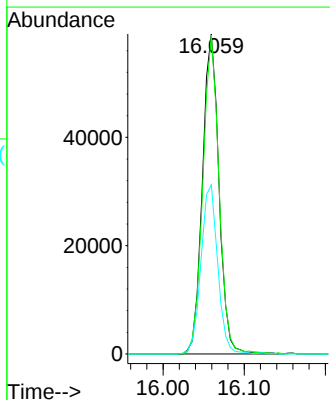
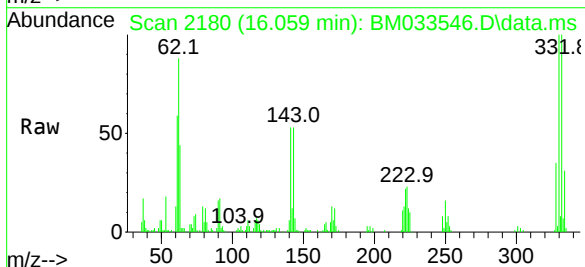
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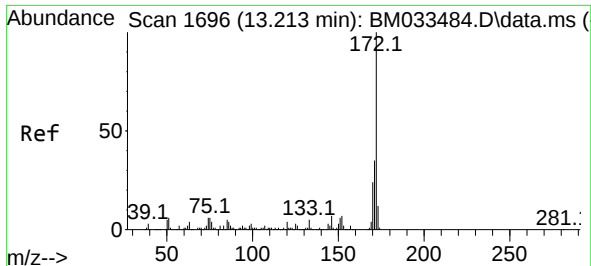
Tgt Ion:164 Resp: 75167
Ion Ratio Lower Upper
164 100
162 101.4 79.7 119.5
160 42.2 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 98.465 ng
RT: 16.059 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BM033546.D
Acq: 20 Dec 2021 18:44

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

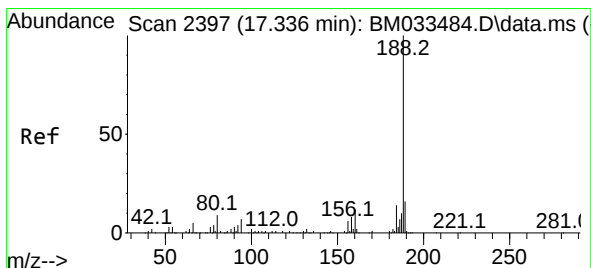
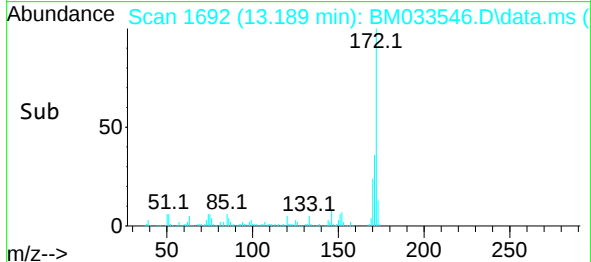
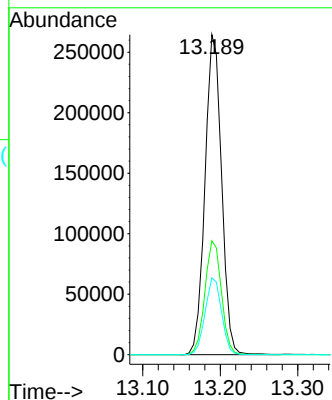
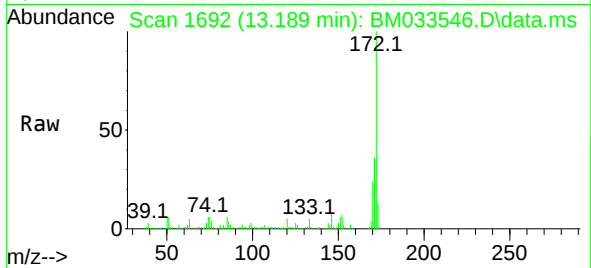




#45
2-Fluorobiphenyl
Concen: 72.205 ng
RT: 13.189 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033546.D
Acq: 20 Dec 2021 18:44

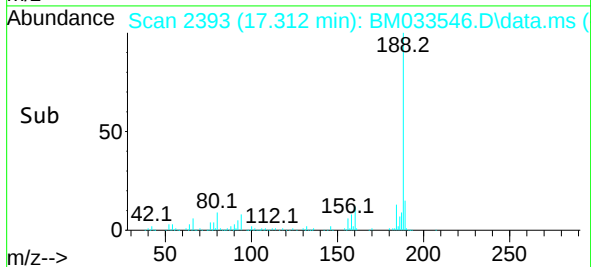
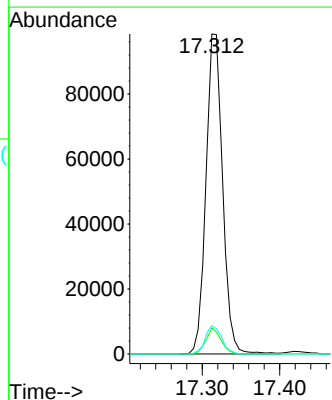
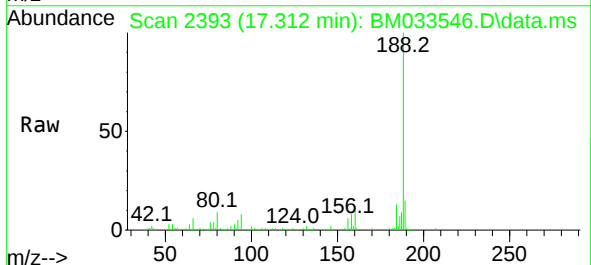
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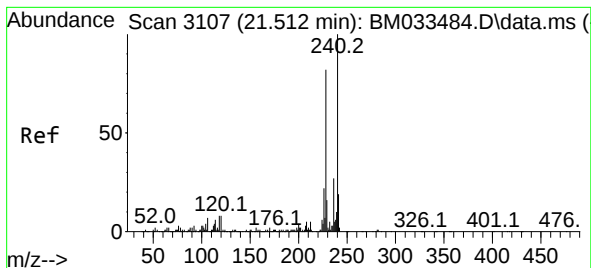
Tgt Ion:172 Resp: 392355
Ion Ratio Lower Upper
172 100
171 35.6 27.2 40.8
170 24.0 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BM033546.D
Acq: 20 Dec 2021 18:44

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# 3107

Delta R.T. -0.000 min

Lab File: BM033546.D

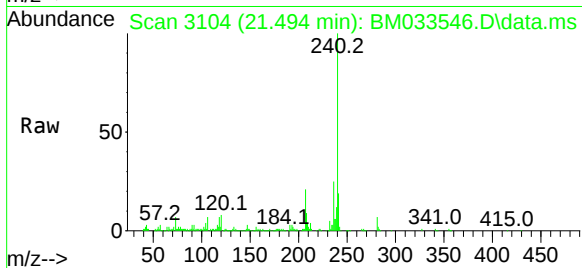
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Instrument :

BNA_M

ClientSampleId :

EXCAVATION-INFLUENT



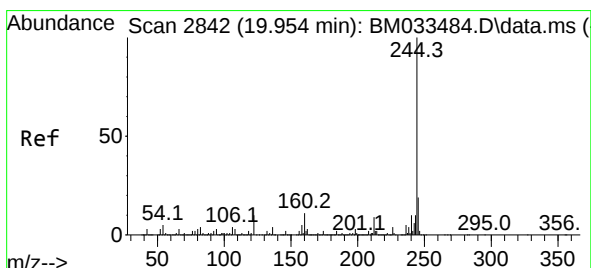
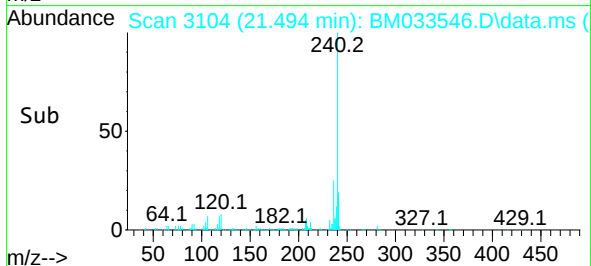
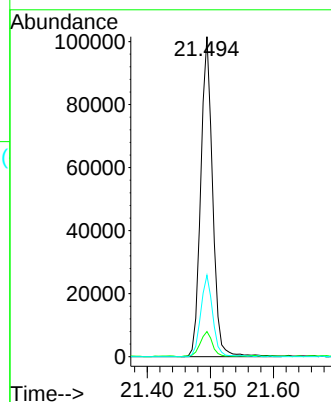
Tgt Ion:240 Resp: 132234

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# 2839

Delta R.T. -0.000 min

Lab File: BM033546.D

Acq: 20 Dec 2021 18:44

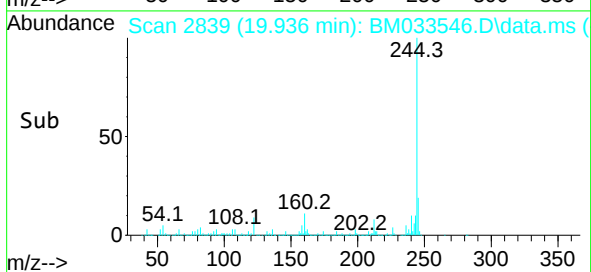
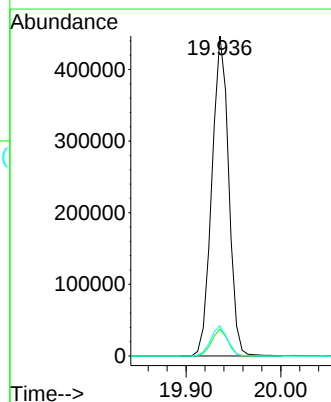
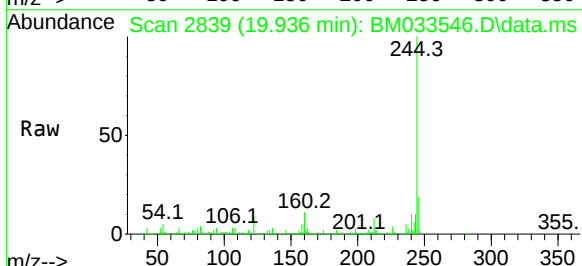
Tgt Ion:244 Resp: 550056

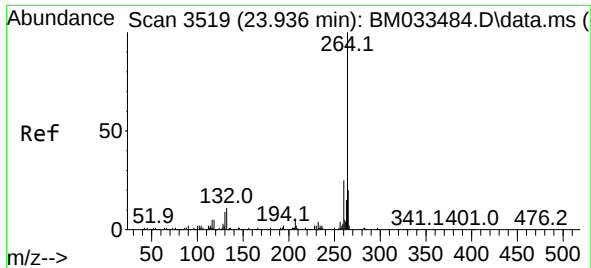
Ion Ratio Lower Upper

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# 31
 Delta R.T. -0.000 min
 Lab File: BM033546.D
 Acq: 20 Dec 2021 18:44

Instrument :
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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

