

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
 Data File : BM033513.D
 Acq On : 17 Dec 2021 19:30
 Operator : CG/JU
 Sample : M5051-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5

Quant Time: Dec 18 04:55:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 17:10:15 2021
 Response via : Initial Calibration

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

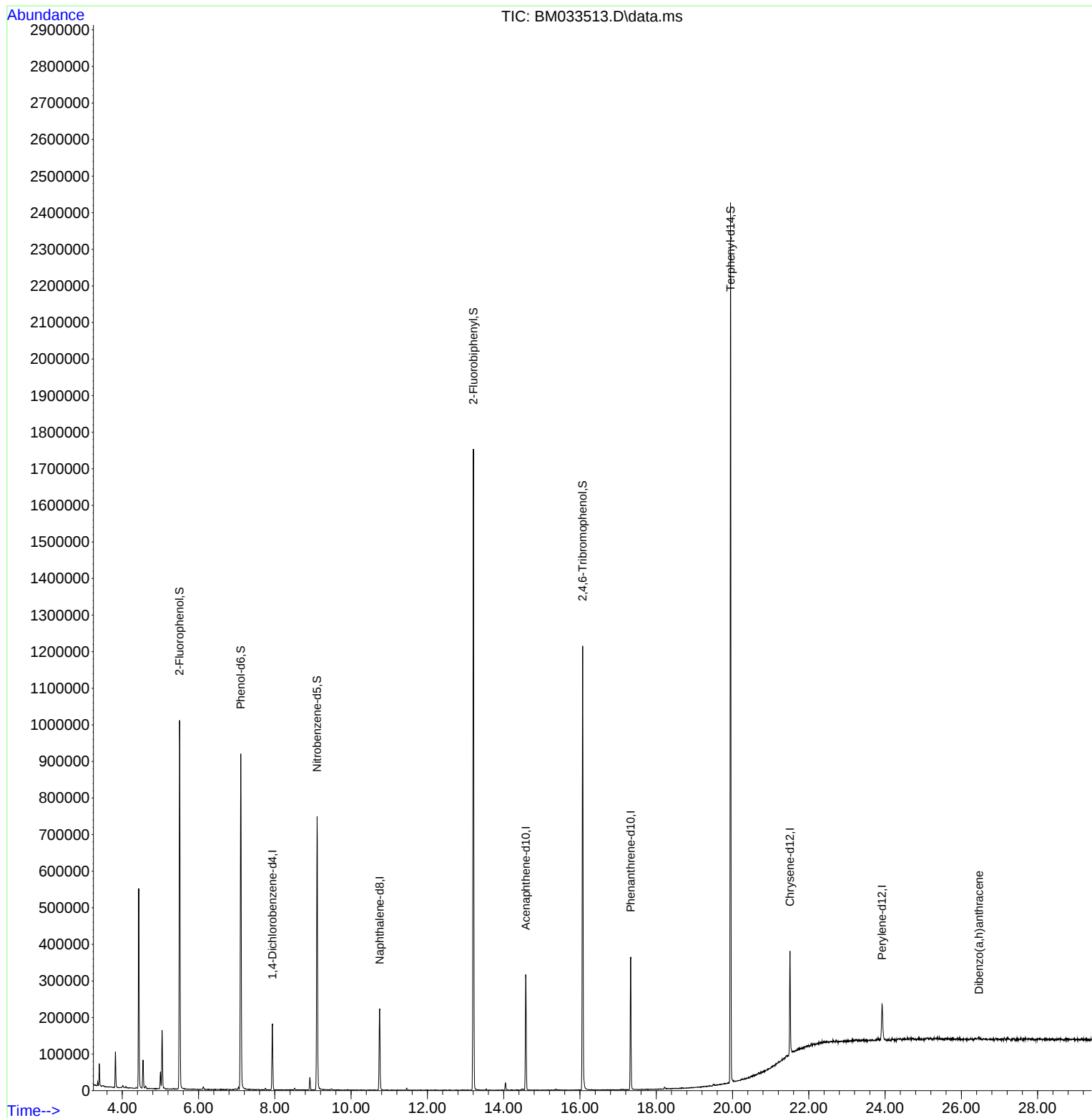
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	39321	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	160955	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	101313	20.000	ng	-0.01
64) Phenanthrene-d10	17.330	188	208759	20.000	ng	# 0.00
76) Chrysene-d12	21.506	240	130193	20.000	ng	# 0.00
86) Perylene-d12	23.918	264	71047	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.501	112	329012	144.382	ng	0.00
7) Phenol-d6	7.107	99	393131	128.554	ng	0.00
23) Nitrobenzene-d5	9.107	82	397056	105.922	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	160117	140.495	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	792624	108.223	ng	0.00
79) Terphenyl-d14	19.948	244	956795	115.698	ng	0.00
Target Compounds						
91) Dibenzo(a,h)anthracene	26.465	278	6253	2.545	ng	# 91

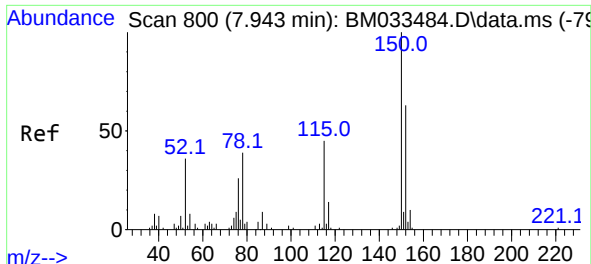
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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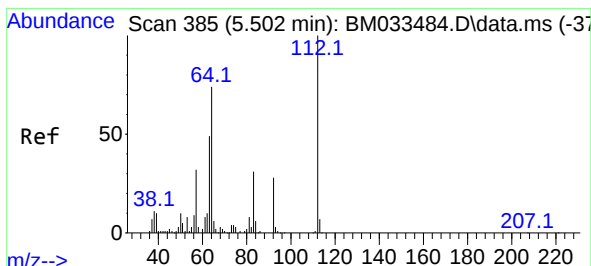
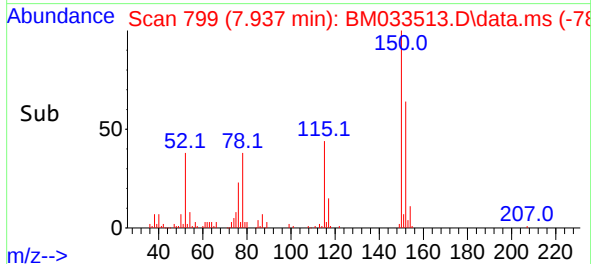
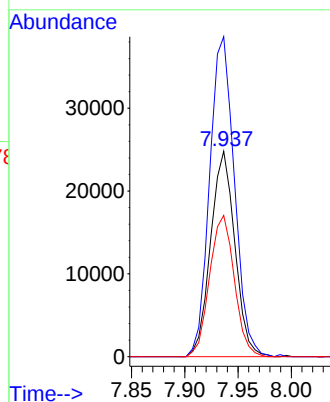
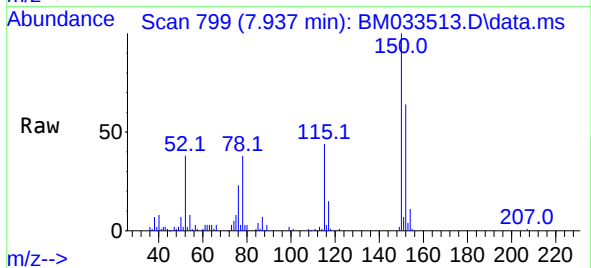




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM033513.D
Acq: 17 Dec 2021 19:30

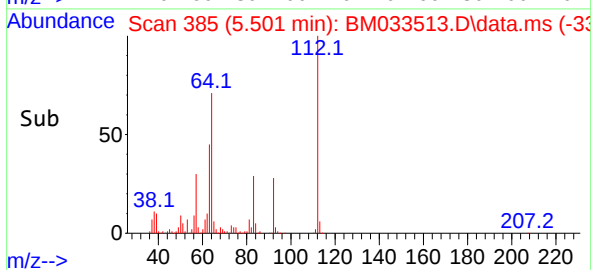
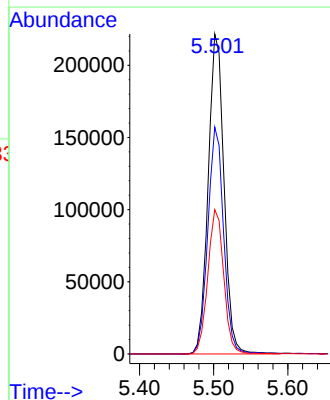
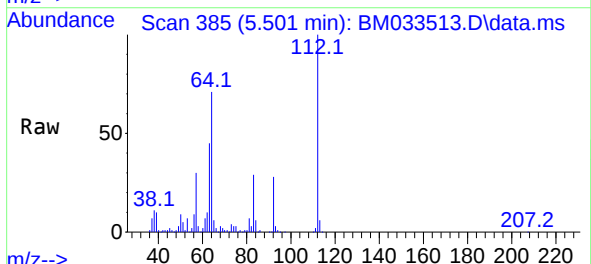
Instrument :
BNA_M
ClientSampleId :
A5

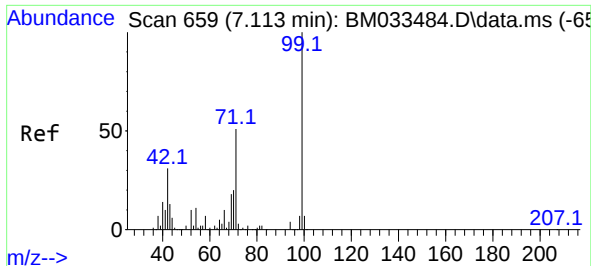
Tgt Ion:152 Resp: 39321
Ion Ratio Lower Upper
152 100
150 155.8 128.9 193.3
115 68.8 53.0 79.6



#5
2-Fluorophenol
Concen: 144.382 ng
RT: 5.501 min Scan# 385
Delta R.T. -0.001 min
Lab File: BM033513.D
Acq: 17 Dec 2021 19:30

Tgt Ion:112 Resp: 329012
Ion Ratio Lower Upper
112 100
64 70.9 55.5 83.3
63 45.1 31.3 46.9

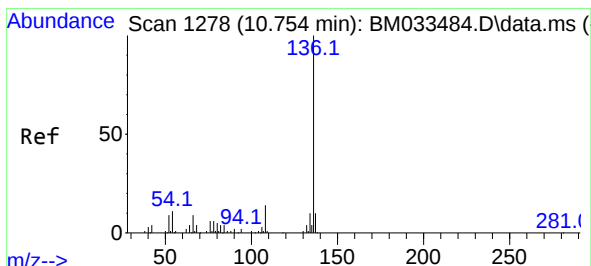
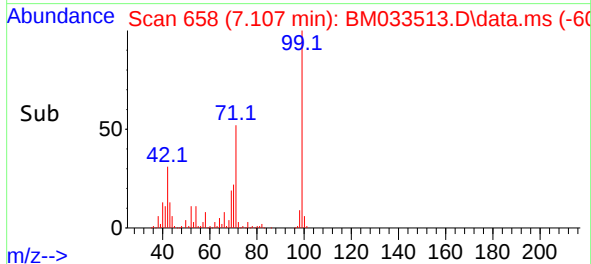
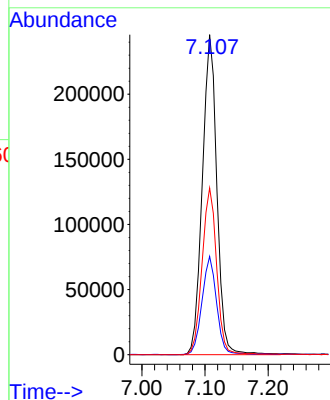
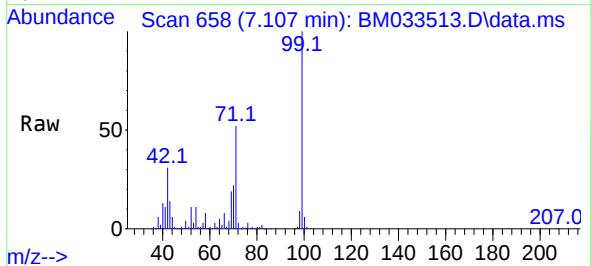




#7
Phenol-d6
Concen: 128.554 ng
RT: 7.107 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM033513.D
Acq: 17 Dec 2021 19:30

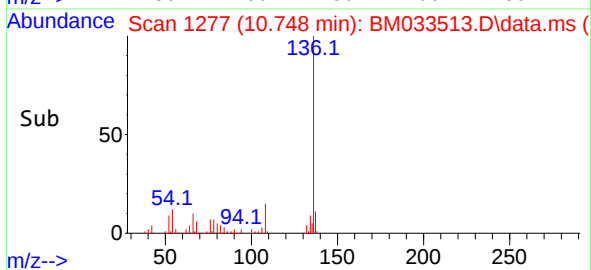
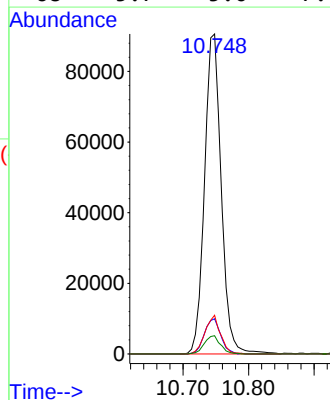
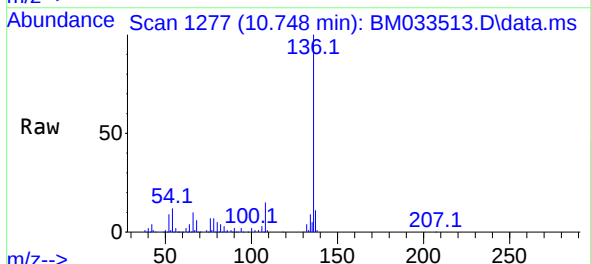
Instrument :
BNA_M
ClientSampleId :
A5

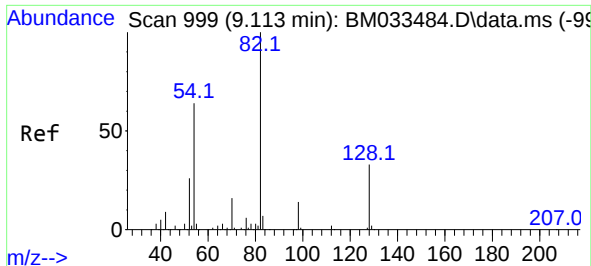
Tgt Ion: 99 Resp: 393131
Ion Ratio Lower Upper
99 100
42 30.7 20.3 30.5#
71 52.1 34.5 51.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM033513.D
Acq: 17 Dec 2021 19:30

Tgt Ion:136 Resp: 160955
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 12.1 8.3 12.5
68 5.7 5.0 7.6

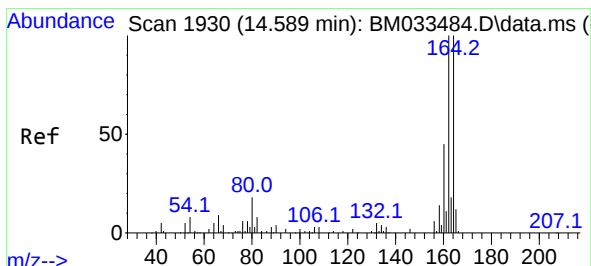
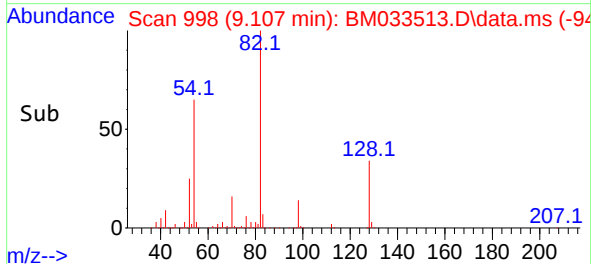
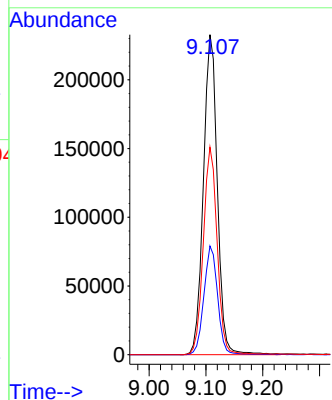
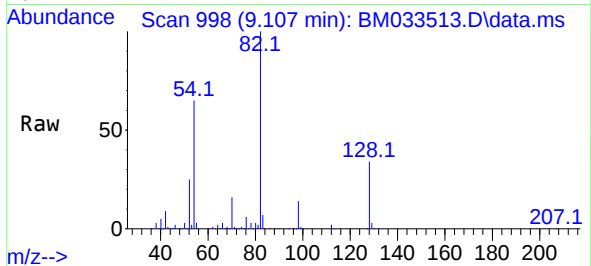




#23
Nitrobenzene-d5
Concen: 105.922 ng
RT: 9.107 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM033513.D
Acq: 17 Dec 2021 19:30

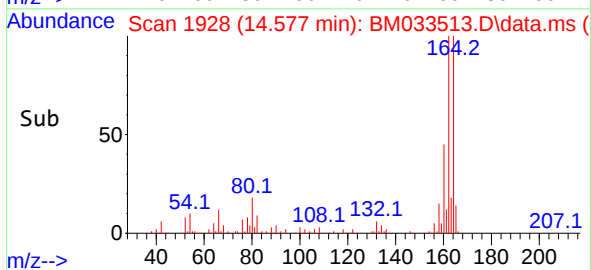
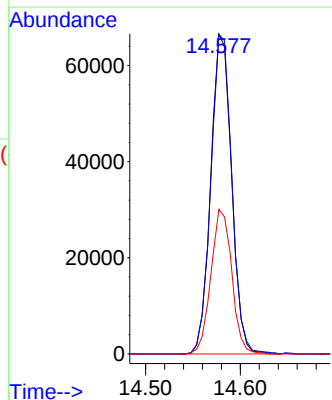
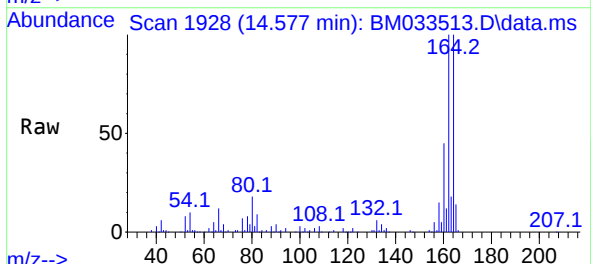
Instrument :
BNA_M
ClientSampleId :
A5

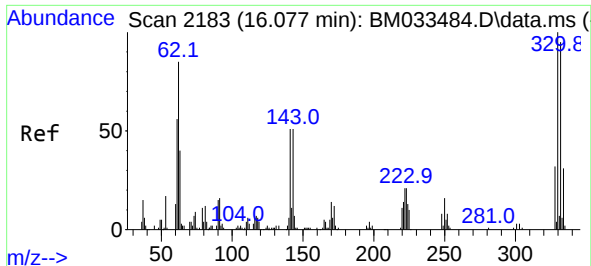
Tgt Ion: 82 Resp: 397056
Ion Ratio Lower Upper
82 100
128 33.9 28.1 42.1
54 64.8 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BM033513.D
Acq: 17 Dec 2021 19:30

Tgt Ion:164 Resp: 101313
Ion Ratio Lower Upper
164 100
162 99.9 79.7 119.5
160 45.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 140.495 ng

RT: 16.071 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM033513.D

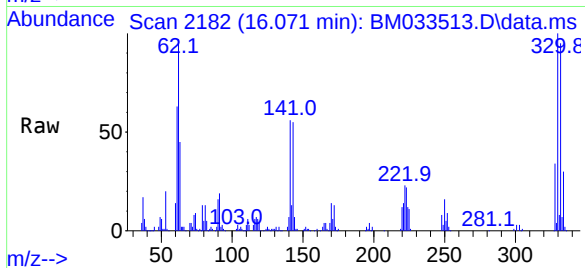
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Instrument :

BNA_M

ClientSampleId :

A5



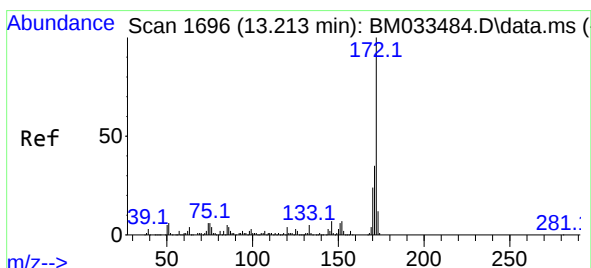
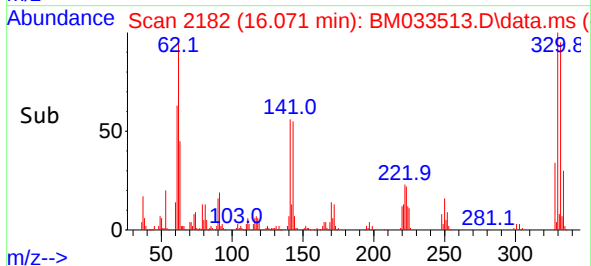
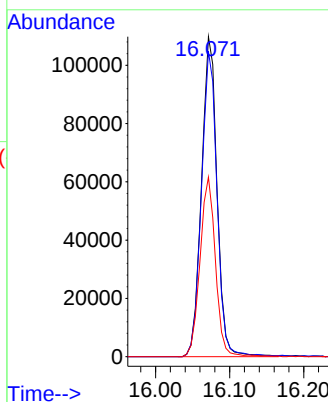
Tgt Ion:330 Resp: 160117

Ion Ratio Lower Upper

330 100

332 95.9 76.5 114.7

141 55.8 35.9 53.9#



#45

2-Fluorobiphenyl

Concen: 108.223 ng

RT: 13.207 min Scan# 1695

Delta R.T. -0.006 min

Lab File: BM033513.D

Acq: 17 Dec 2021 19:30

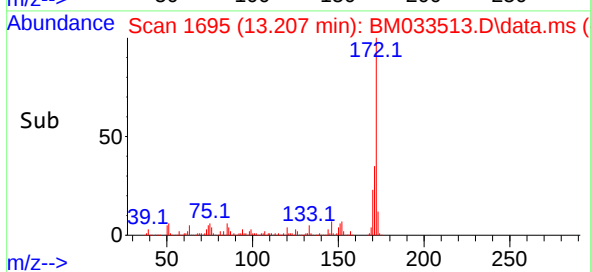
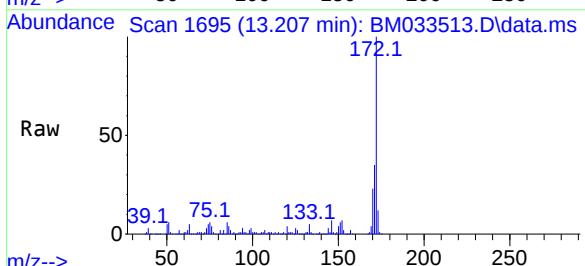
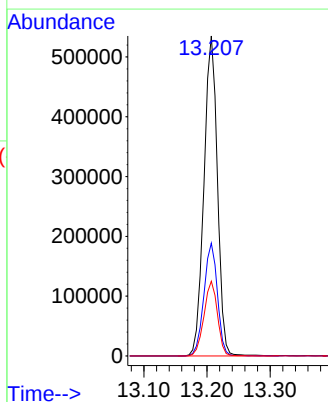
Tgt Ion:172 Resp: 792624

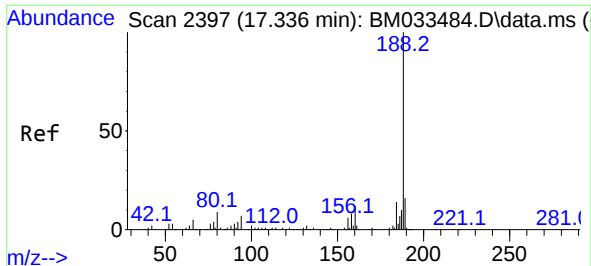
Ion Ratio Lower Upper

172 100

171 35.3 27.2 40.8

170 23.3 18.7 28.1

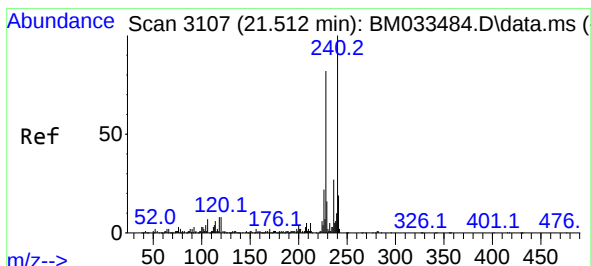
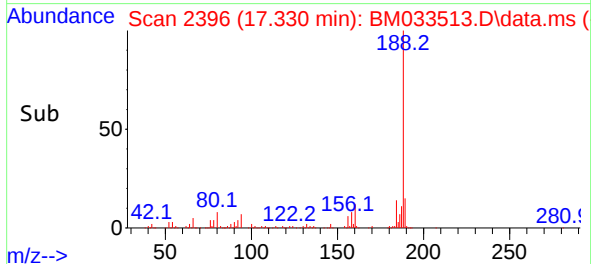
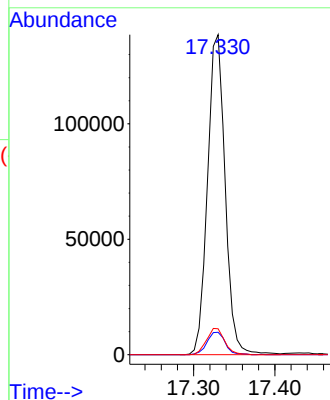
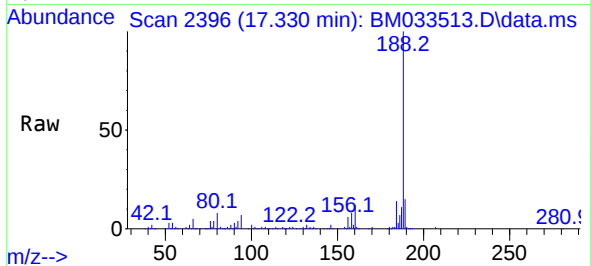




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033513.D
Acq: 17 Dec 2021 19:30

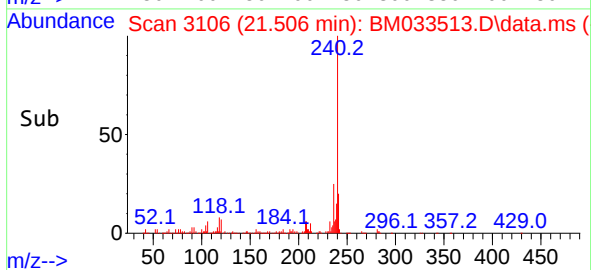
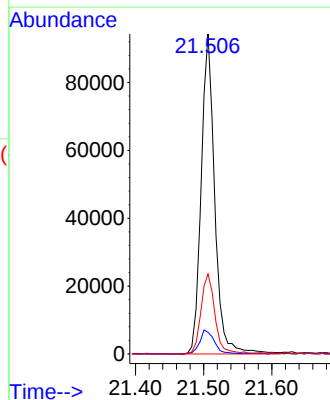
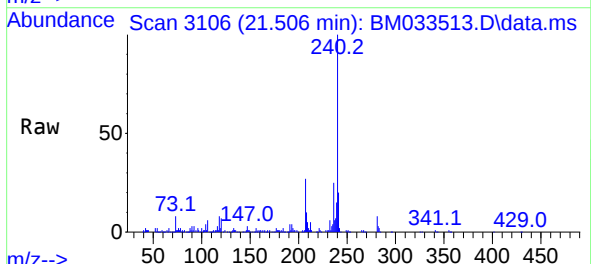
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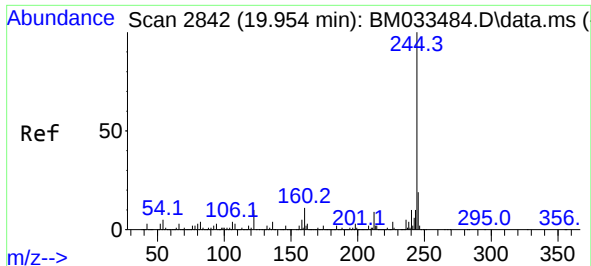
Tgt Ion:188 Resp: 208759
Ion Ratio Lower Upper
188 100
94 7.0 7.5 11.3#
80 8.1 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.506 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM033513.D
Acq: 17 Dec 2021 19:30

Tgt Ion:240 Resp: 130193
Ion Ratio Lower Upper
240 100
120 6.8 7.8 11.6#
236 25.0 20.3 30.5

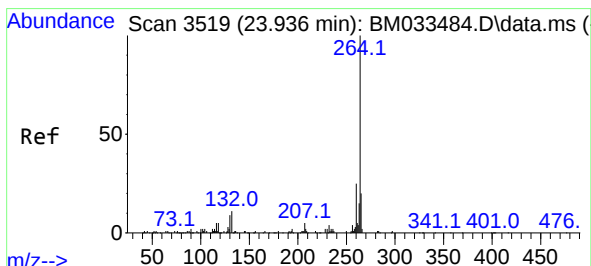
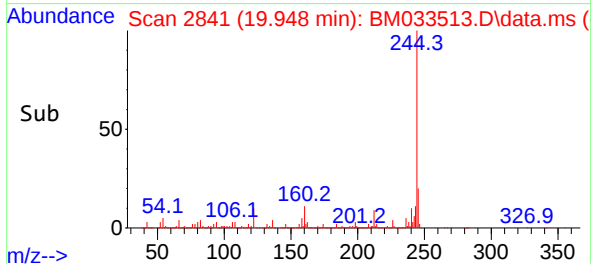
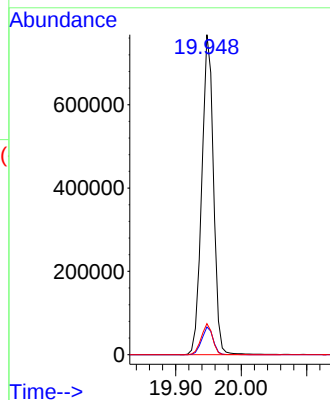
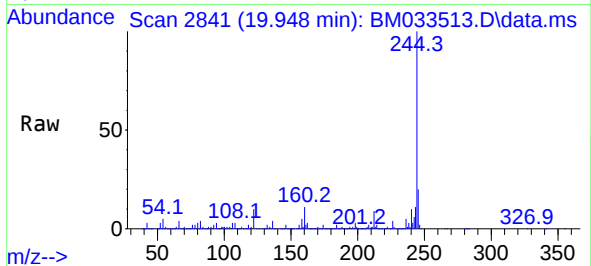




#79
 Terphenyl-d14
 Concen: 115.698 ng
 RT: 19.948 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM033513.D
 Acq: 17 Dec 2021 19:30

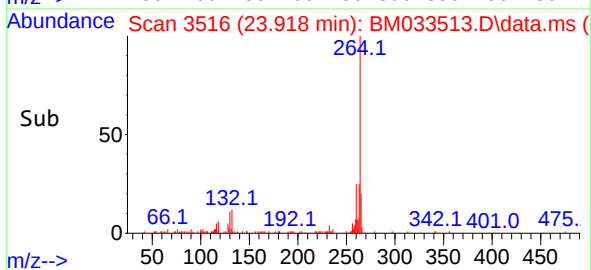
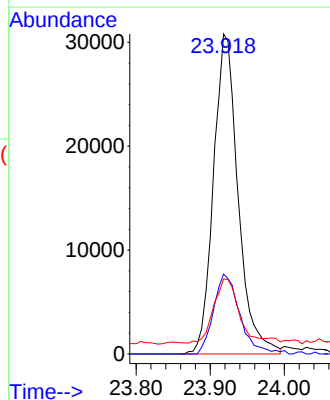
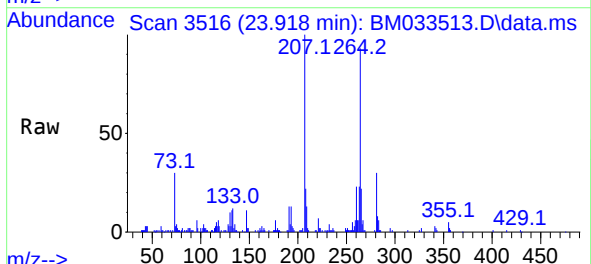
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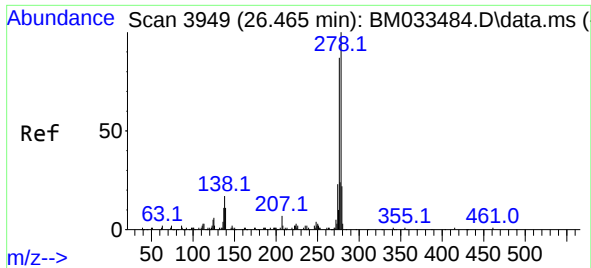
Tgt Ion:244 Resp: 956795
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.9 8.9
 122 9.7 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.918 min Scan# 3516
 Delta R.T. -0.018 min
 Lab File: BM033513.D
 Acq: 17 Dec 2021 19:30

Tgt Ion:264 Resp: 71047
 Ion Ratio Lower Upper
 264 100
 260 25.0 17.7 26.5
 265 23.4 17.7 26.5





#91
 Dibenzo(a,h)anthracene
 Concen: 2.545 ng
 RT: 26.465 min Scan# 3949
 Delta R.T. -0.000 min
 Lab File: BM033513.D
 Acq: 17 Dec 2021 19:30

Instrument :
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Tgt Ion:	278	Resp:	6253
Ion	Ratio	Lower	Upper
278	100		
139	9.9	10.9	16.3#
279	26.2	17.7	26.5

