

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
 Data File : BM033519.D
 Acq On : 18 Dec 2021 15:13
 Operator : CG/JU
 Sample : M5074-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CS-1

Quant Time: Dec 20 07:07:31 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)

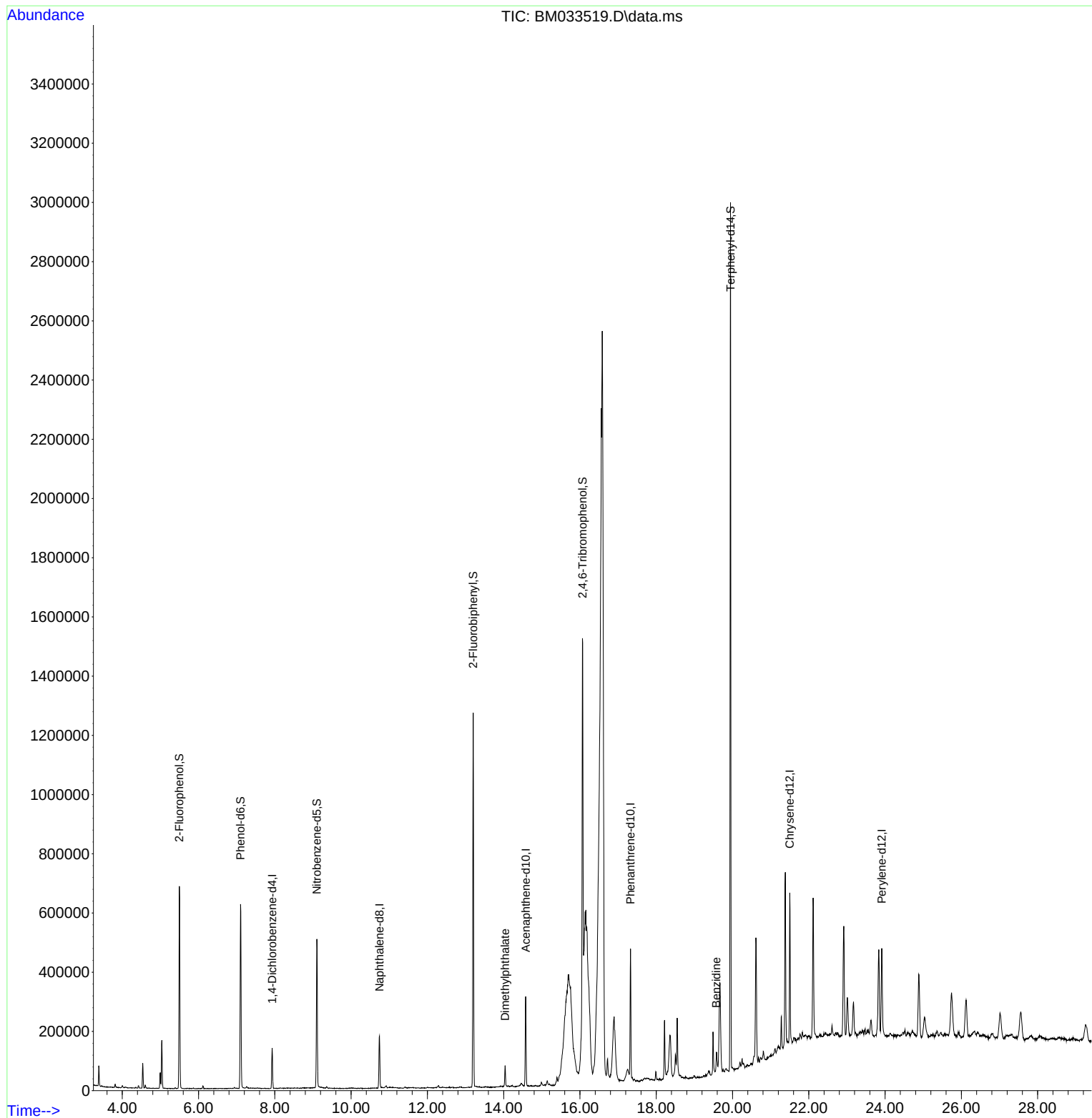
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	30494	20.000	ng	-0.01
21) Naphthalene-d8	10.742	136	125825	20.000	ng	-0.01
39) Acenaphthene-d10	14.577	164	96133	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	235259	20.000	ng	#-0.01
76) Chrysene-d12	21.501	240	233610	20.000	ng	-0.01
86) Perylene-d12	23.912	264	212828	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	226044	127.910	ng	0.00
7) Phenol-d6	7.101	99	276333	116.518	ng	-0.01
23) Nitrobenzene-d5	9.101	82	266476	90.935	ng	-0.01
42) 2,4,6-Tribromophenol	16.072	330	164156	151.801	ng	0.00
45) 2-Fluorobiphenyl	13.201	172	547091	78.724	ng	-0.01
79) Terphenyl-d14	19.948	244	1207514	81.376	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	14.036	163	33621	4.617	ng	100
77) Benzidine	19.577	184	66392	60.783	ng	96

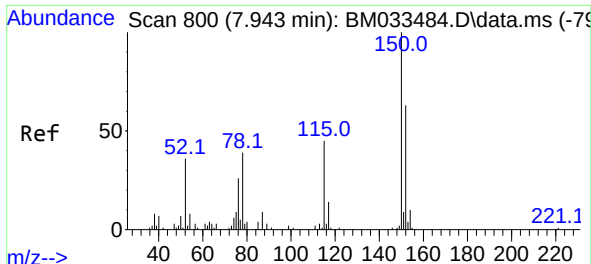
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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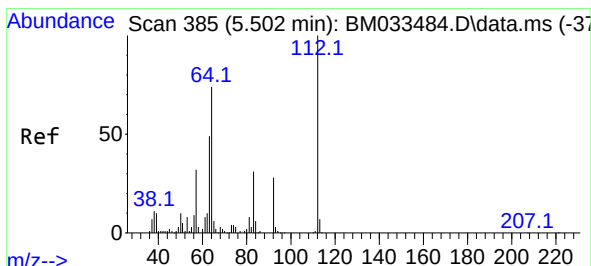
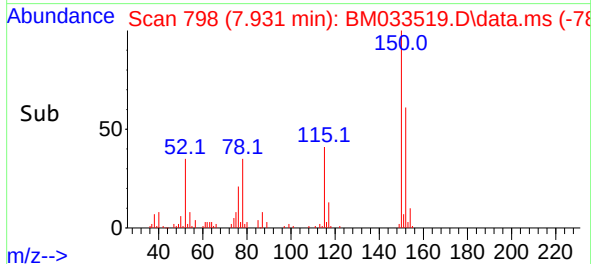
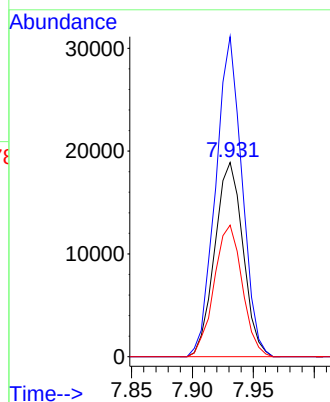
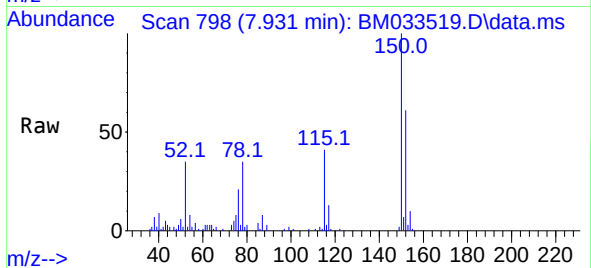




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 79
Delta R.T. -0.012 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

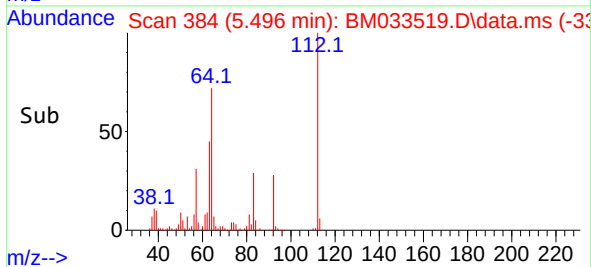
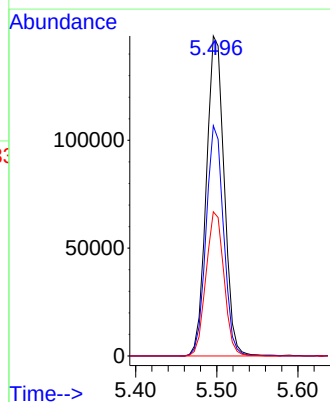
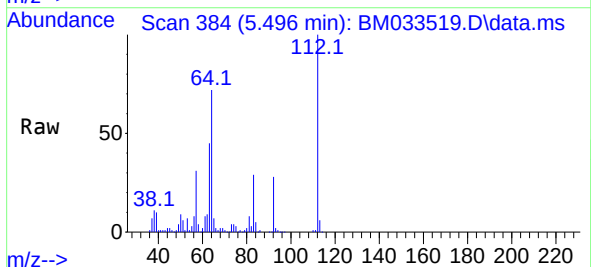
Instrument :
BNA_M
ClientSampleId :
CS-1

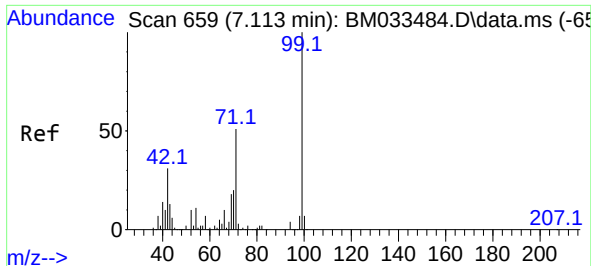
Tgt Ion:152 Resp: 30494
Ion Ratio Lower Upper
152 100
150 164.7 128.9 193.3
115 67.7 53.0 79.6



#5
2-Fluorophenol
Concen: 127.910 ng
RT: 5.496 min Scan# 384
Delta R.T. -0.006 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

Tgt Ion:112 Resp: 226044
Ion Ratio Lower Upper
112 100
64 72.0 55.5 83.3
63 45.1 31.3 46.9

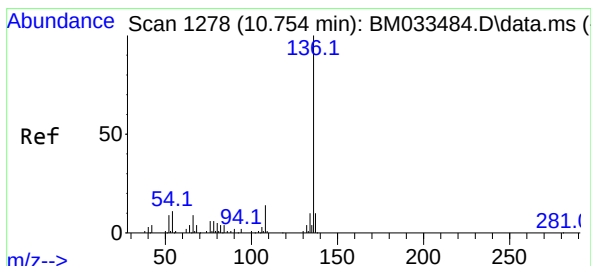
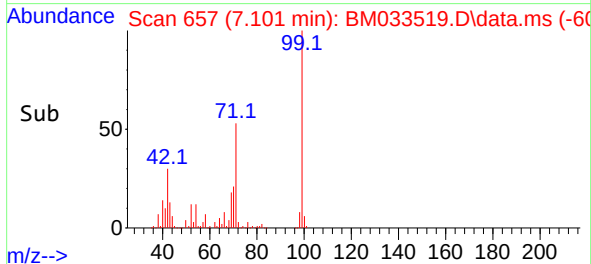
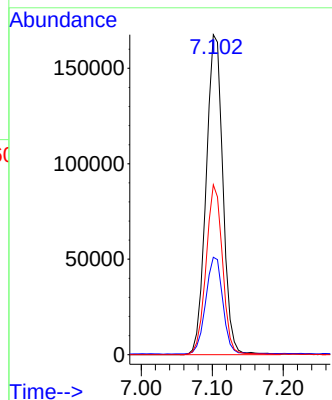
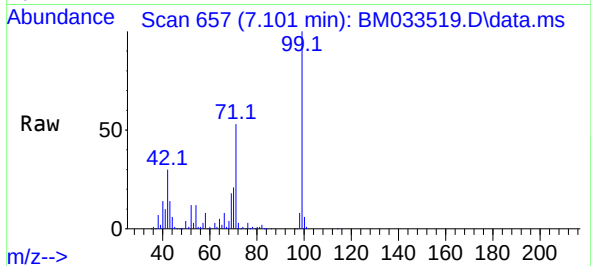




#7
Phenol-d6
Concen: 116.518 ng
RT: 7.101 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

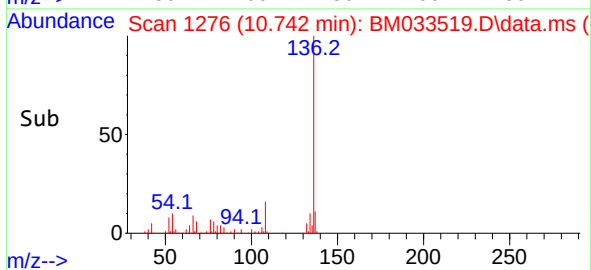
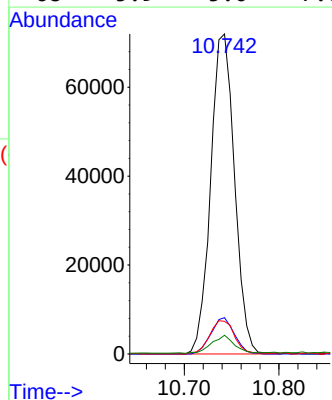
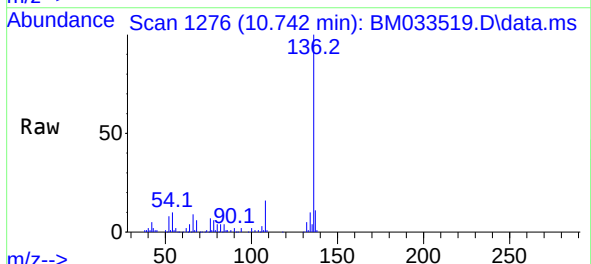
Instrument :
BNA_M
ClientSampleId :
CS-1

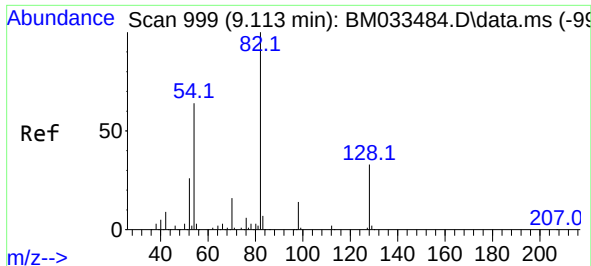
Tgt Ion: 99 Resp: 276333
Ion Ratio Lower Upper
99 100
42 30.5 20.3 30.5
71 53.1 34.5 51.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.742 min Scan# 1276
Delta R.T. -0.012 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

Tgt Ion: 136 Resp: 125825
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 10.2 8.3 12.5
68 5.9 5.0 7.6

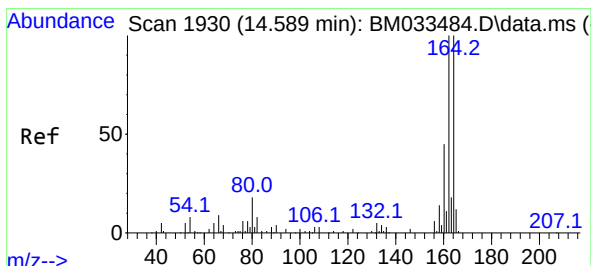
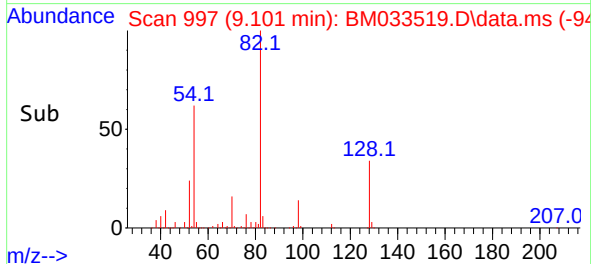
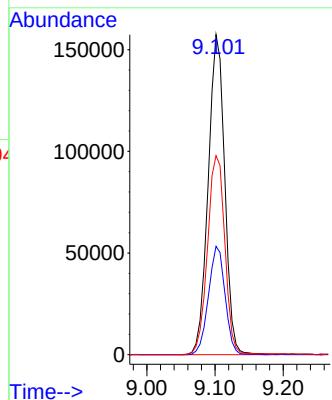
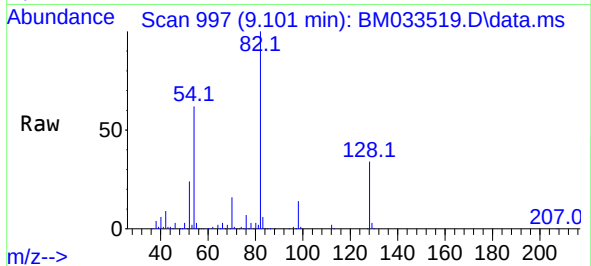




#23
Nitrobenzene-d5
Concen: 90.935 ng
RT: 9.101 min Scan# 999
Delta R.T. -0.012 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

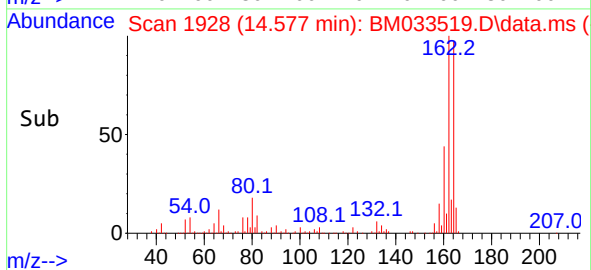
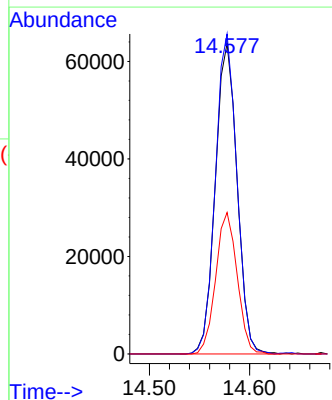
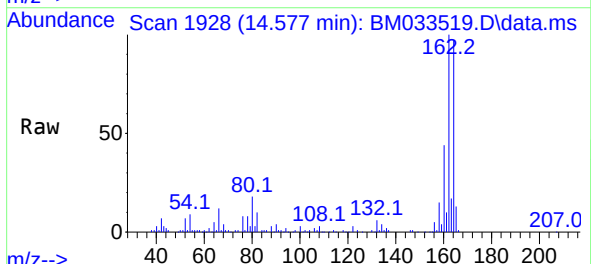
Instrument :
BNA_M
ClientSampleId :
CS-1

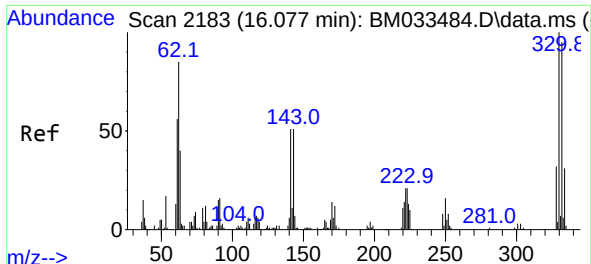
Tgt Ion: 82 Resp: 266476
Ion Ratio Lower Upper
82 100
128 33.8 28.1 42.1
54 62.2 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

Tgt Ion: 164 Resp: 96133
Ion Ratio Lower Upper
164 100
162 103.0 79.7 119.5
160 45.6 34.2 51.4

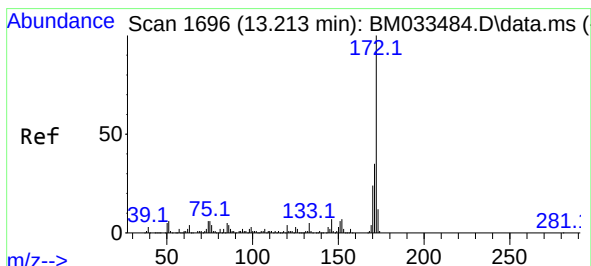
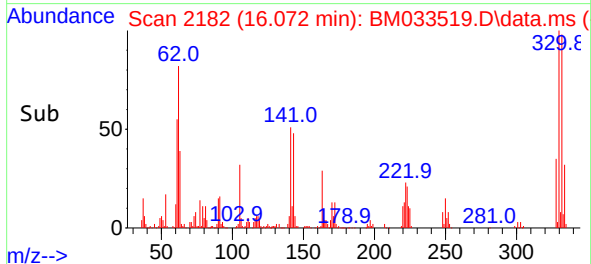
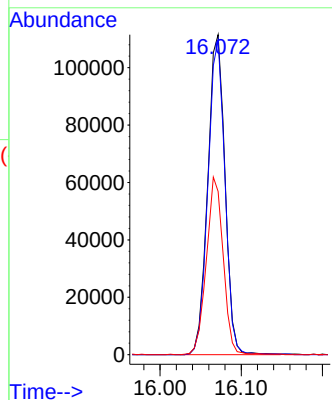
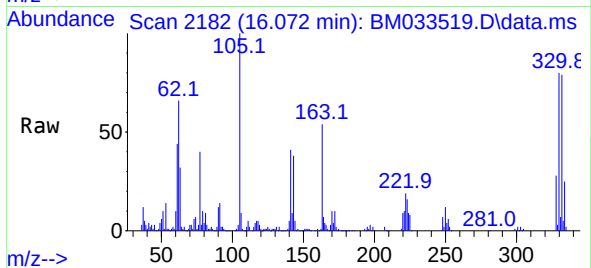




#42
2,4,6-Tribromophenol
Concen: 151.801 ng
RT: 16.072 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

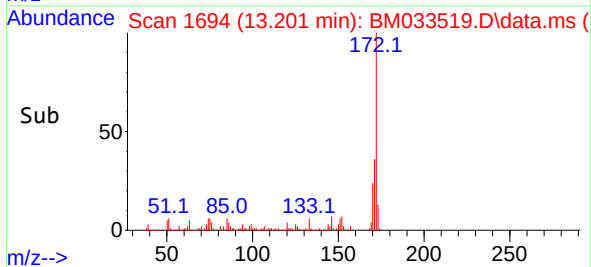
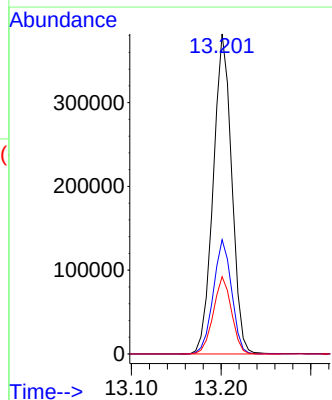
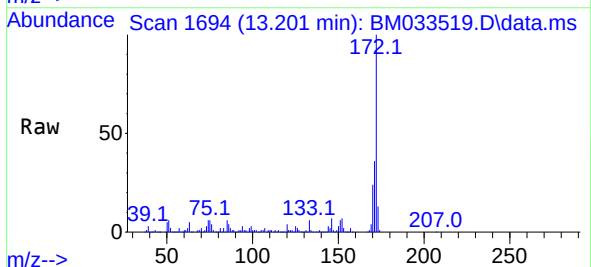
Instrument :
BNA_M
ClientSampleId :
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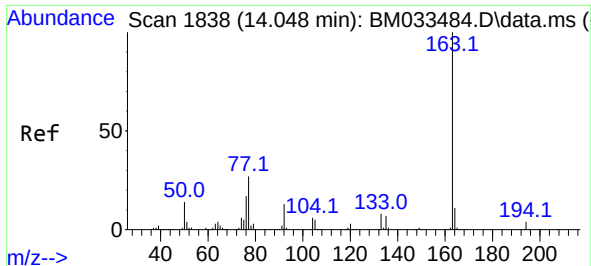
Tgt Ion:330 Resp: 164156
Ion Ratio Lower Upper
330 100
332 97.0 76.5 114.7
141 54.0 35.9 53.9#



#45
2-Fluorobiphenyl
Concen: 78.724 ng
RT: 13.201 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

Tgt Ion:172 Resp: 547091
Ion Ratio Lower Upper
172 100
171 35.7 27.2 40.8
170 24.2 18.7 28.1

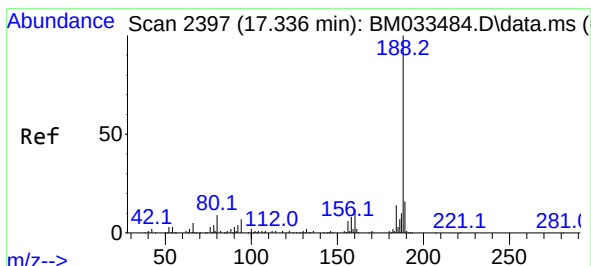
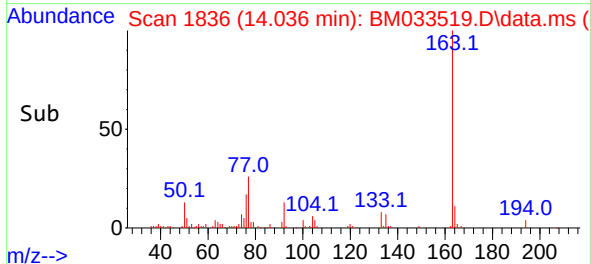
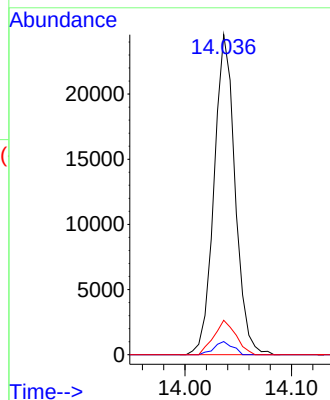
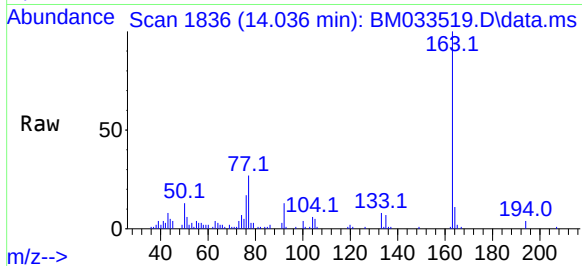




#50
Dimethylphthalate
Concen: 4.617 ng
RT: 14.036 min Scan# 1836
Delta R.T. -0.012 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

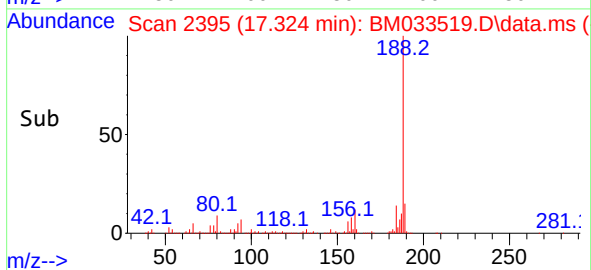
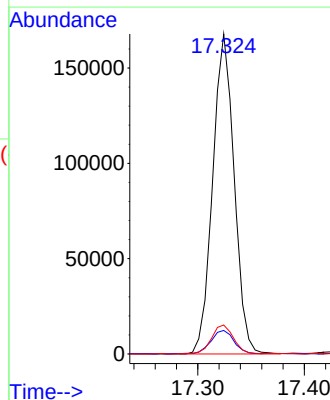
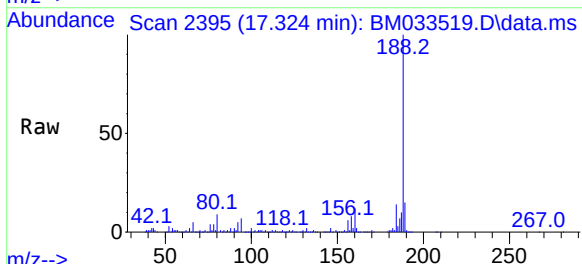
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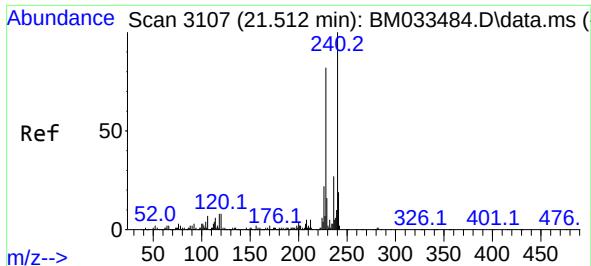
Tgt Ion:163 Resp: 33621
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.7 8.6 12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2395
Delta R.T. -0.012 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

Tgt Ion:188 Resp: 235259
Ion Ratio Lower Upper
188 100
94 7.4 7.5 11.3#
80 9.1 8.9 13.3

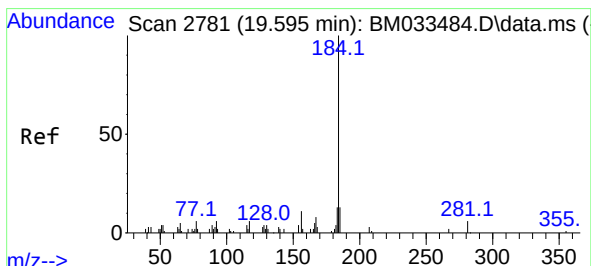
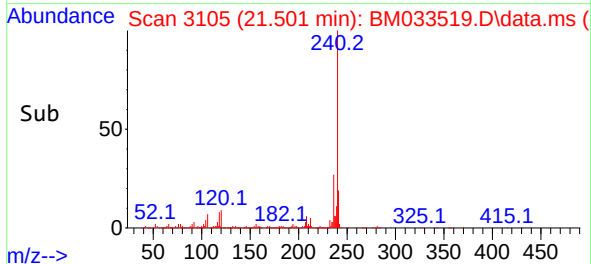
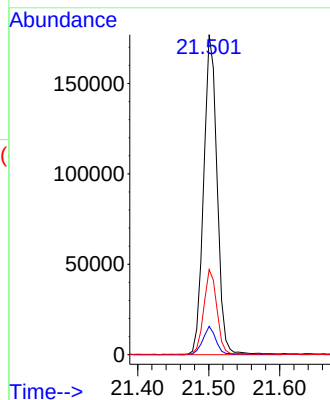
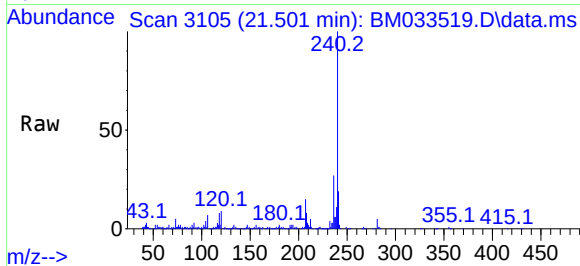




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.501 min Scan# 31
Delta R.T. -0.011 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

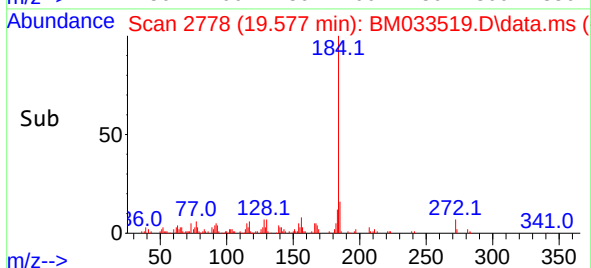
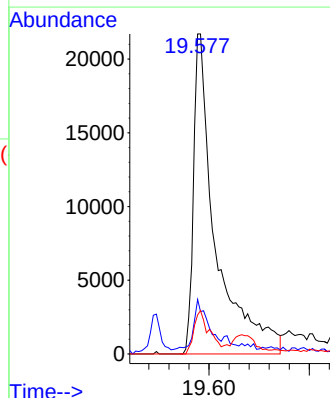
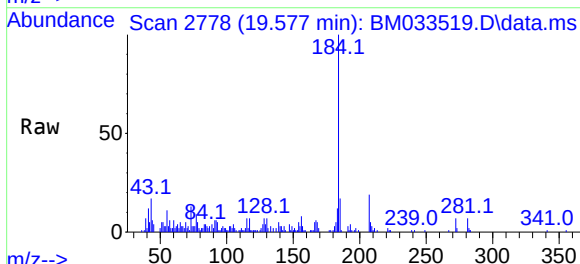
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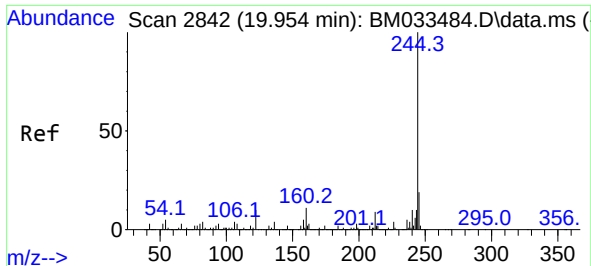
Tgt Ion:240 Resp: 233610
Ion Ratio Lower Upper
240 100
120 8.9 7.8 11.6
236 26.6 20.3 30.5



#77
Benzidine
Concen: 60.783 ng
RT: 19.577 min Scan# 2778
Delta R.T. -0.018 min
Lab File: BM033519.D
Acq: 18 Dec 2021 15:13

Tgt Ion:184 Resp: 66392
Ion Ratio Lower Upper
184 100
185 17.0 11.4 17.0
183 12.2 9.7 14.5

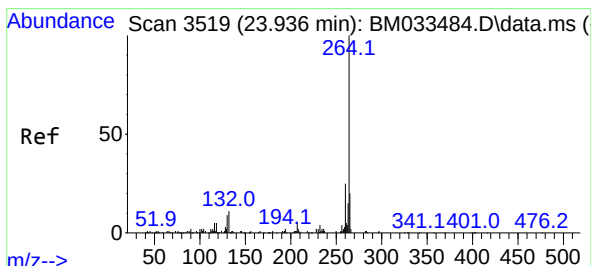
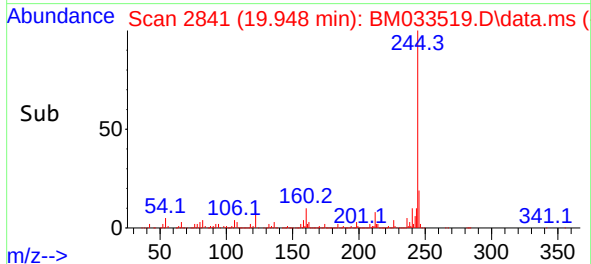
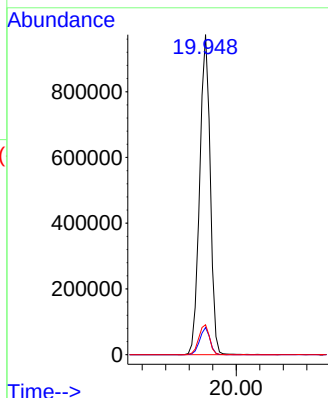
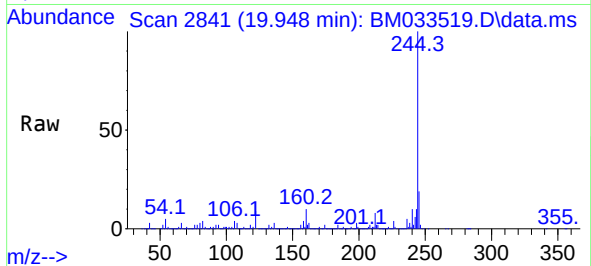




#79
 Terphenyl-d14
 Concen: 81.376 ng
 RT: 19.948 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM033519.D
 Acq: 18 Dec 2021 15:13

Instrument :
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Tgt Ion:244 Resp: 1207514
 Ion Ratio Lower Upper
 244 100
 212 8.5 5.9 8.9
 122 9.3 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.912 min Scan# 3515
 Delta R.T. -0.024 min
 Lab File: BM033519.D
 Acq: 18 Dec 2021 15:13

Tgt Ion:264 Resp: 212828
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.7 26.5
 265 21.6 17.7 26.5

