

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101321\
 Data File : BM032502.D
 Acq On : 13 Oct 2021 18:52
 Operator : CG/JU
 Sample : M4142-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 2186-2187

Quant Time: Oct 14 02:31:56 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 12:02:28 2021
 Response via : Initial Calibration

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

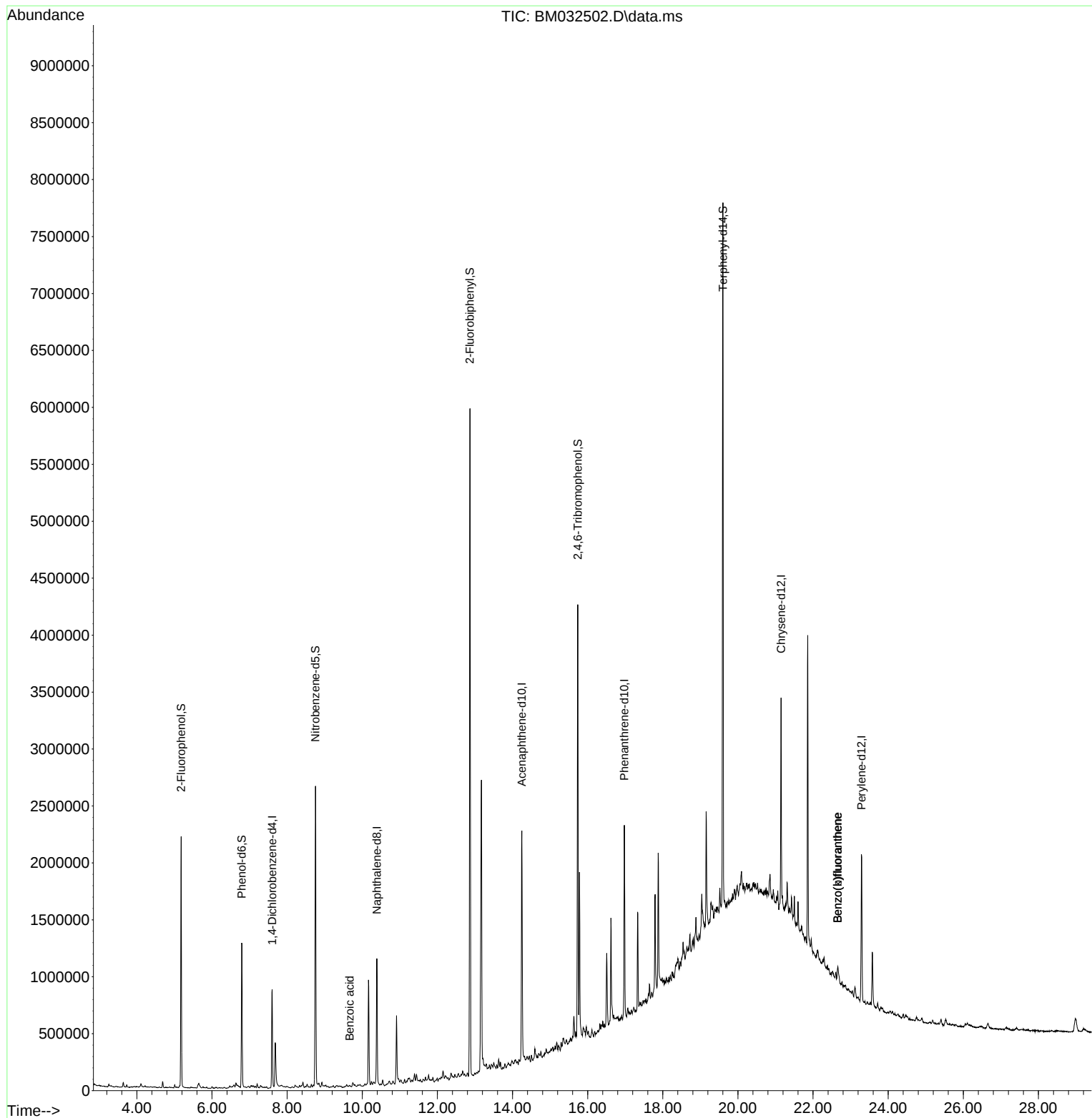
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.601	152	233865	20.000	ng	0.00
21) Naphthalene-d8	10.389	136	898883	20.000	ng	# 0.00
39) Acenaphthene-d10	14.248	164	508631	20.000	ng	0.00
64) Phenanthrene-d10	16.977	188	925201	20.000	ng	# 0.00
76) Chrysene-d12	21.148	240	807663	20.000	ng	# 0.00
86) Perylene-d12	23.289	264	838680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.178	112	902706	65.036	ng	0.00
7) Phenol-d6	6.790	99	720330	37.950	ng	-0.01
23) Nitrobenzene-d5	8.754	82	1455924	90.084	ng	0.00
42) 2,4,6-Tribromophenol	15.736	330	657202	115.418	ng	0.00
45) 2-Fluorobiphenyl	12.866	172	2973239	86.914	ng	0.00
79) Terphenyl-d14	19.601	244	3074009	80.157	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.666	122	4887	5.296	ng	88
88) Benzo(b)fluoranthene	22.653	252	111586	2.187	ng	# 84
89) Benzo(k)fluoranthene	22.653	252	111586	2.239	ng	# 82

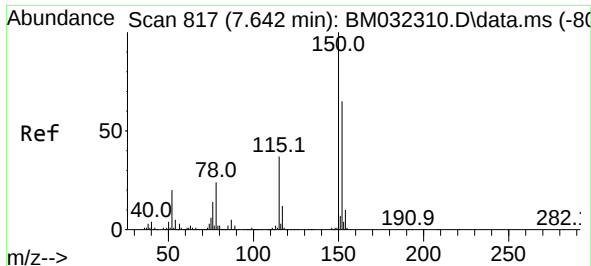
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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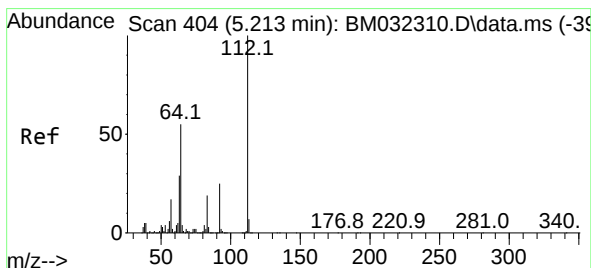
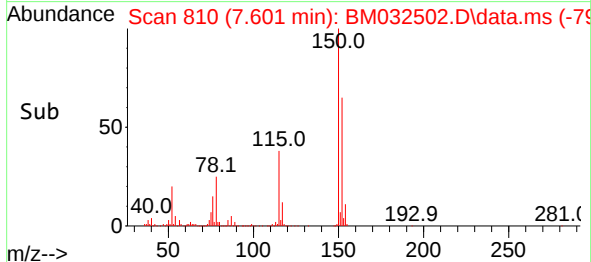
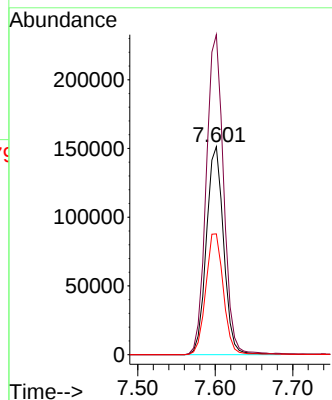
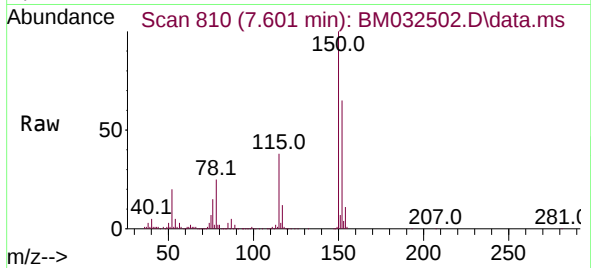




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.601 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM032502.D
Acq: 13 Oct 2021 18:52

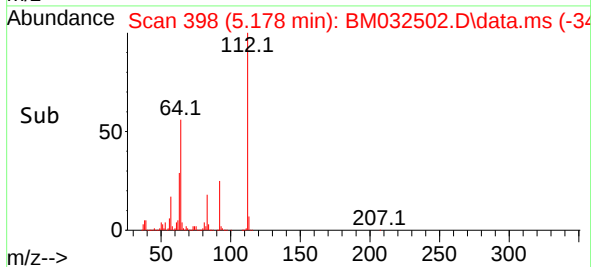
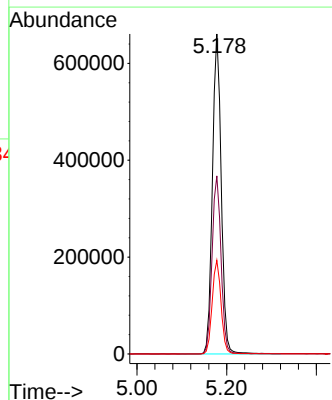
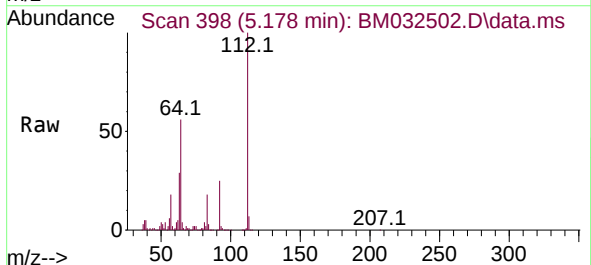
Instrument :
BNA_M
ClientSampleId :
2186-2187

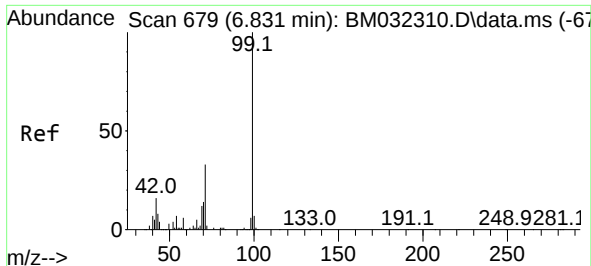
Tgt Ion:152 Resp: 233865
Ion Ratio Lower Upper
152 100
150 153.8 122.4 183.6
115 58.1 53.8 80.8



#5
2-Fluorophenol
Concen: 65.036 ng
RT: 5.178 min Scan# 398
Delta R.T. 0.000 min
Lab File: BM032502.D
Acq: 13 Oct 2021 18:52

Tgt Ion:112 Resp: 902706
Ion Ratio Lower Upper
112 100
64 55.7 53.7 80.5
63 29.2 33.9 50.9#

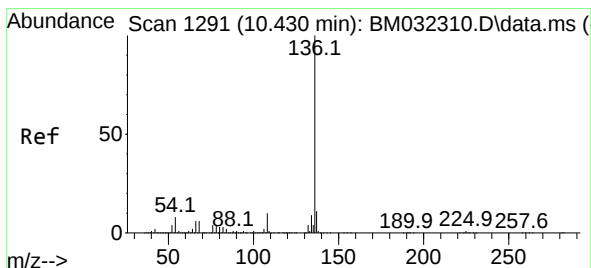
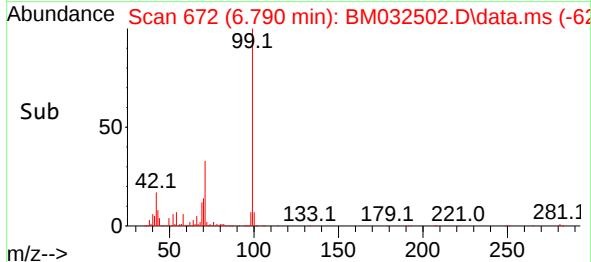
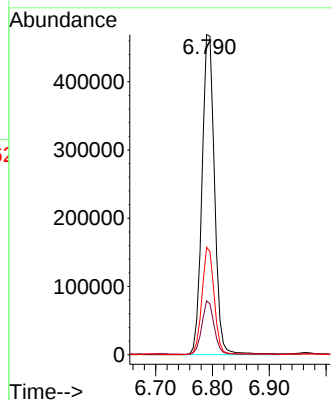
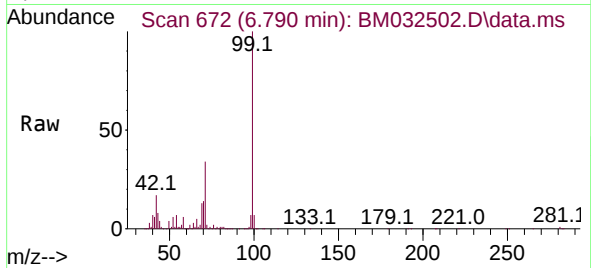




#7
Phenol-d6
Concen: 37.950 ng
RT: 6.790 min Scan# 672
Delta R.T. -0.012 min
Lab File: BM032502.D
Acq: 13 Oct 2021 18:52

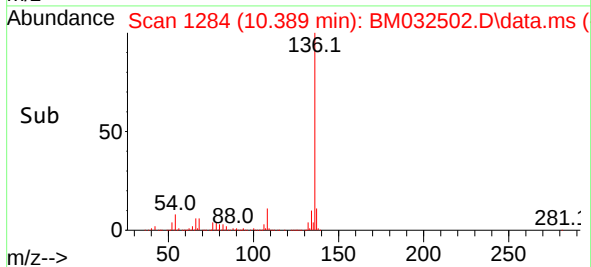
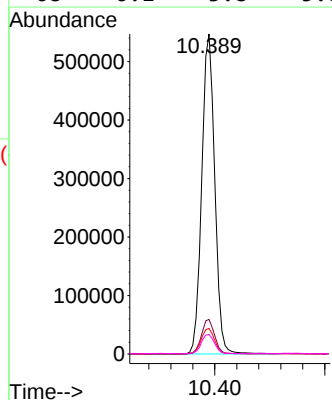
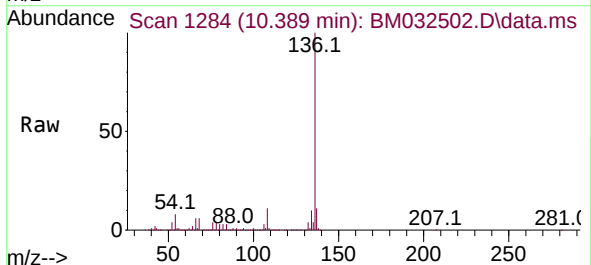
Instrument :
BNA_M
ClientSampleId :
2186-2187

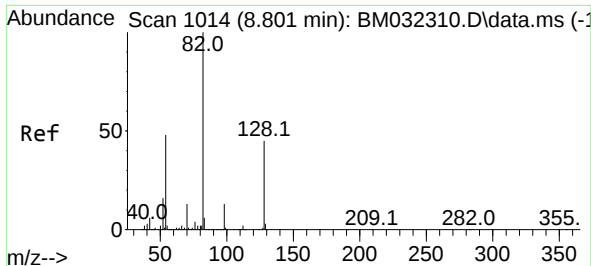
Tgt Ion: 99 Resp: 720330
Ion Ratio Lower Upper
99 100
42 16.9 23.0 34.6#
71 33.5 37.8 56.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.389 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM032502.D
Acq: 13 Oct 2021 18:52

Tgt Ion: 136 Resp: 898883
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.0 7.4 11.0
68 6.1 3.8 5.8#

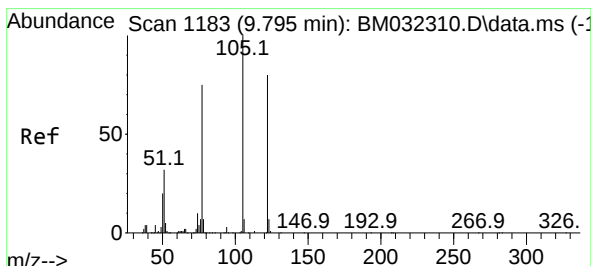
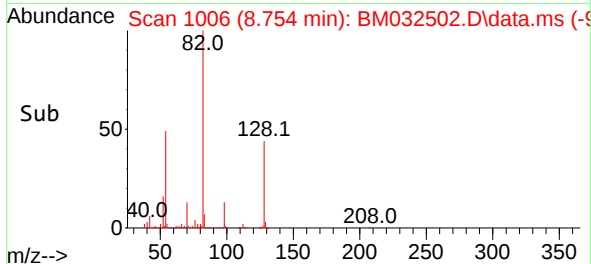
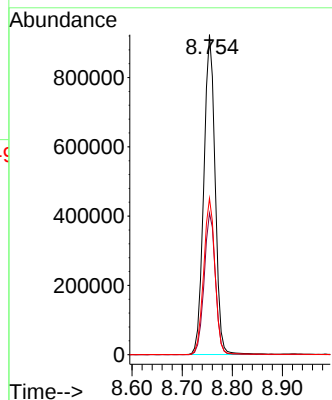
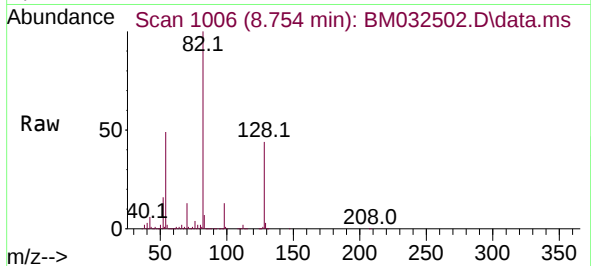




#23
Nitrobenzene-d5
Concen: 90.084 ng
RT: 8.754 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BM032502.D
Acq: 13 Oct 2021 18:52

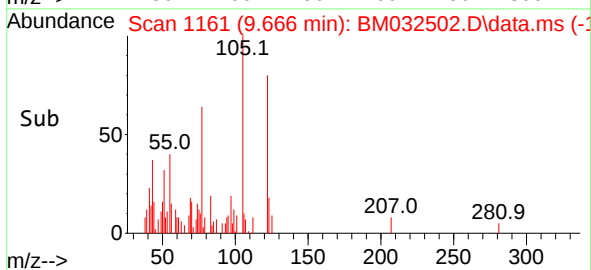
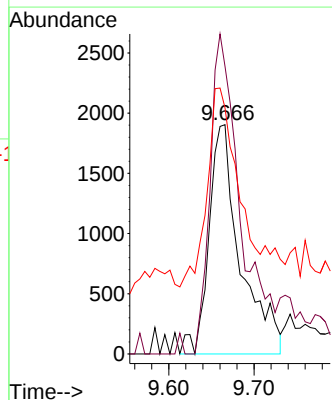
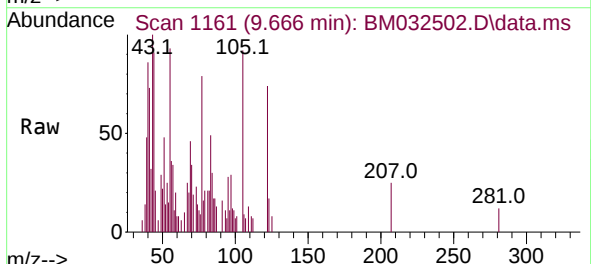
Instrument :
BNA_M
ClientSampleId :
2186-2187

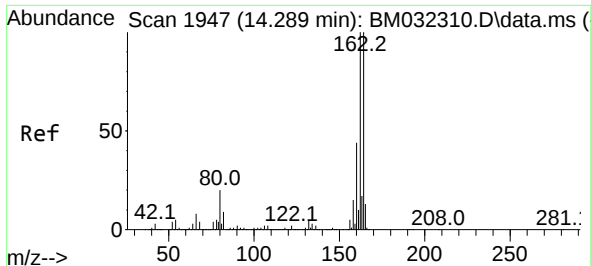
Tgt Ion: 82 Resp: 1455924
Ion Ratio Lower Upper
82 100
128 44.2 29.0 43.6#
54 48.8 45.8 68.8



#32
Benzoic acid
Concen: 5.296 ng
RT: 9.666 min Scan# 1161
Delta R.T. -0.094 min
Lab File: BM032502.D
Acq: 13 Oct 2021 18:52

Tgt Ion:122 Resp: 4887
Ion Ratio Lower Upper
122 100
105 125.5 120.3 160.3
77 107.4 100.0 140.0

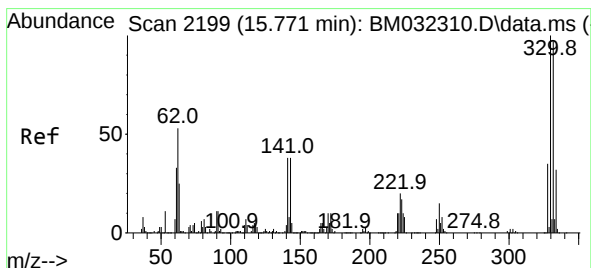
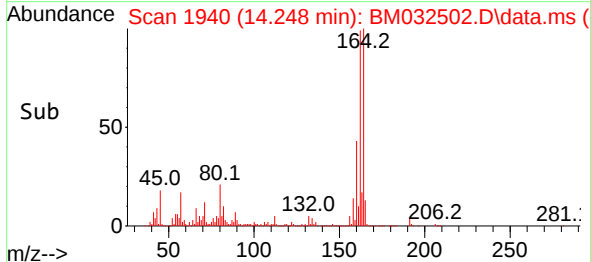
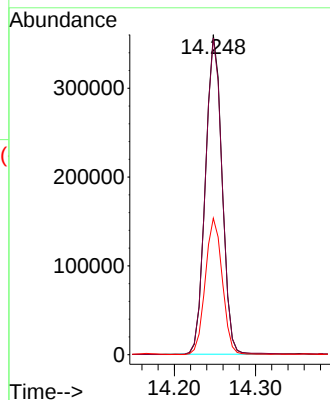
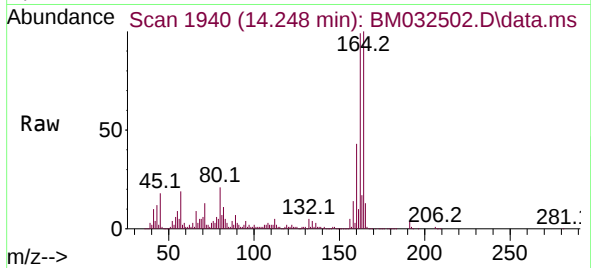




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM032502.D
Acq: 13 Oct 2021 18:52

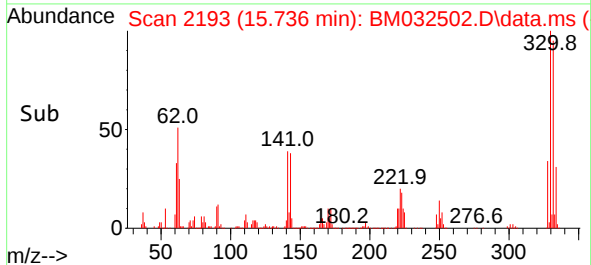
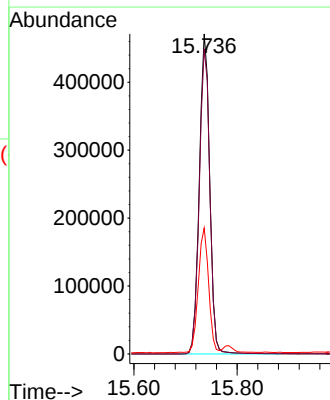
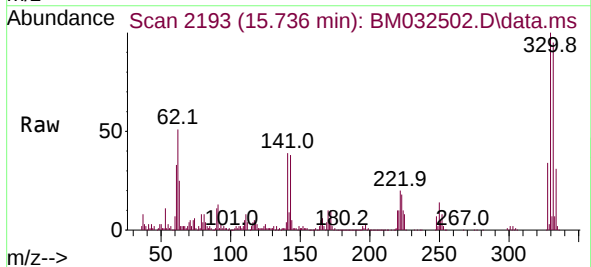
Instrument :
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ClientSampleId :
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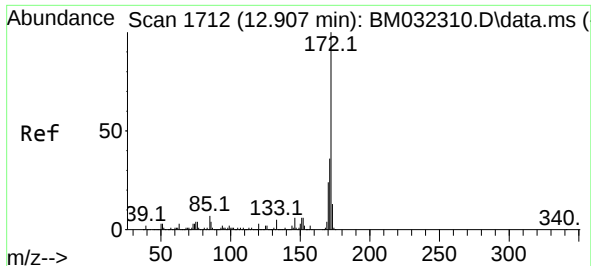
Tgt Ion:164 Resp: 508631
Ion Ratio Lower Upper
164 100
162 98.9 80.6 121.0
160 42.6 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 115.418 ng
RT: 15.736 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM032502.D
Acq: 13 Oct 2021 18:52

Tgt Ion:330 Resp: 657202
Ion Ratio Lower Upper
330 100
332 96.7 75.7 113.5
141 38.8 50.7 76.1#

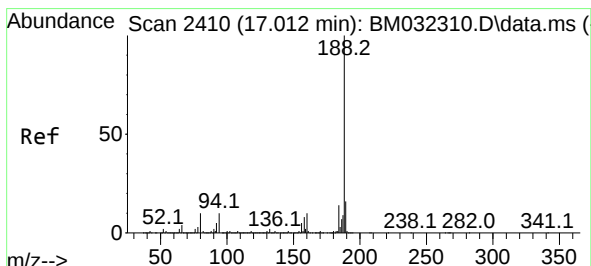
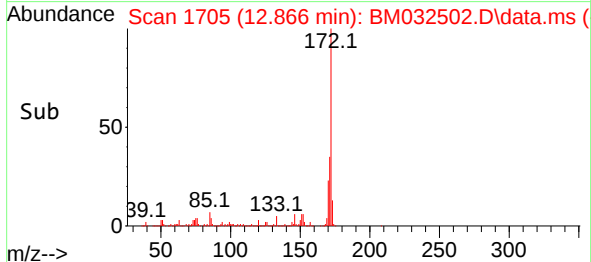
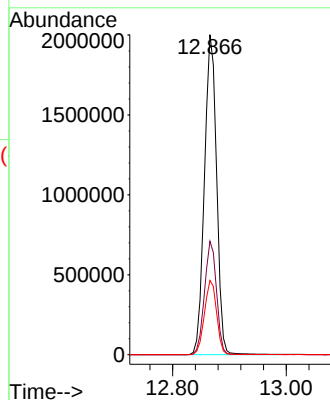
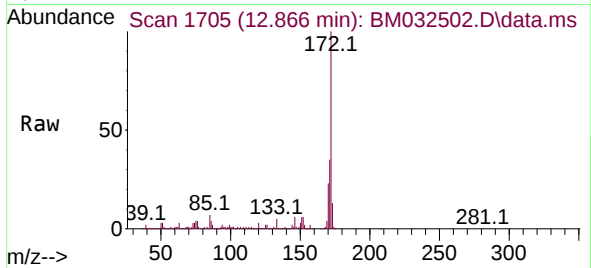




#45
2-Fluorobiphenyl
Concen: 86.914 ng
RT: 12.866 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BM032502.D
Acq: 13 Oct 2021 18:52

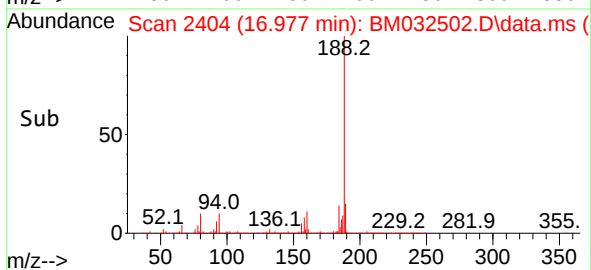
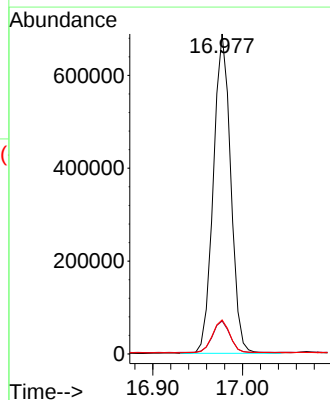
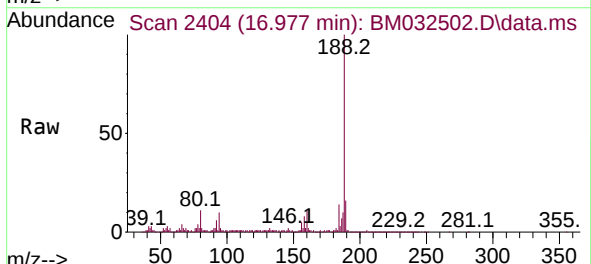
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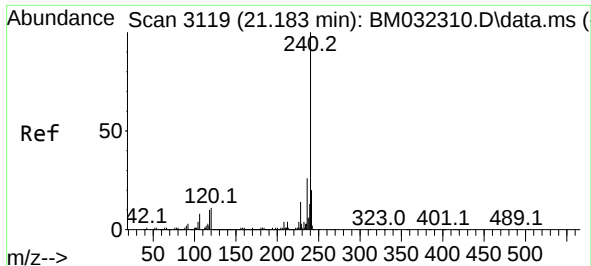
Tgt Ion:172 Resp: 2973239
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.2 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.977 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM032502.D
Acq: 13 Oct 2021 18:52

Tgt Ion:188 Resp: 925201
Ion Ratio Lower Upper
188 100
94 10.3 6.3 9.5#
80 10.7 7.3 10.9

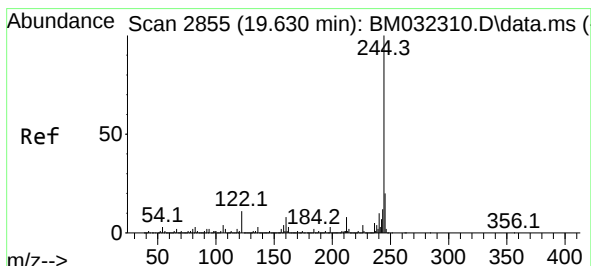
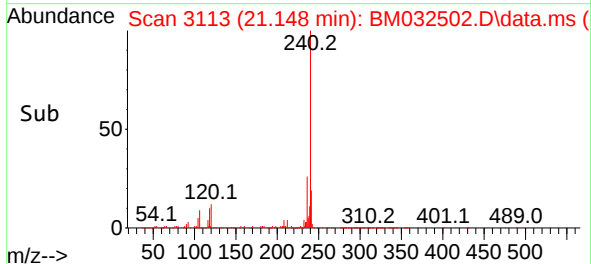
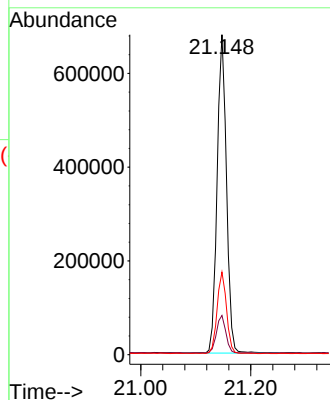
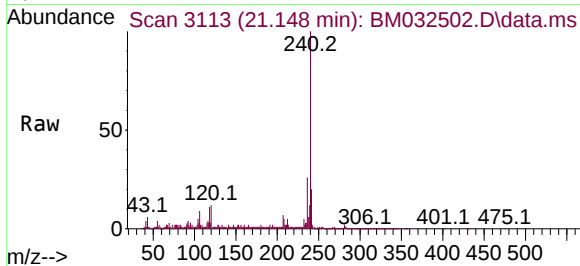




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.148 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM032502.D
Acq: 13 Oct 2021 18:52

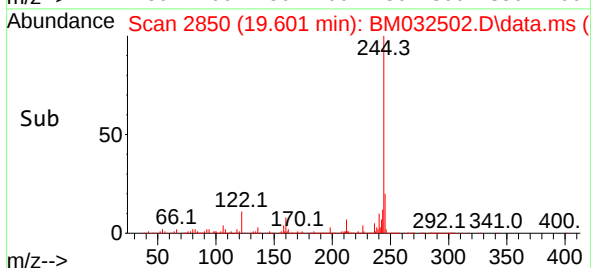
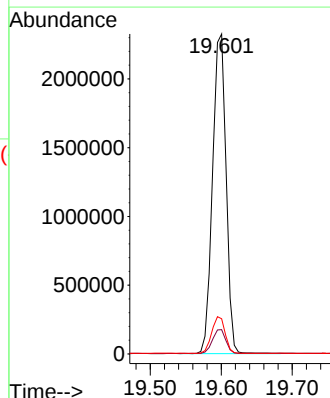
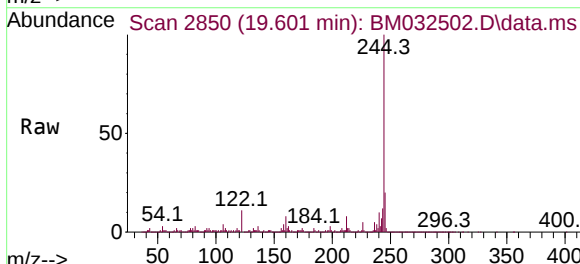
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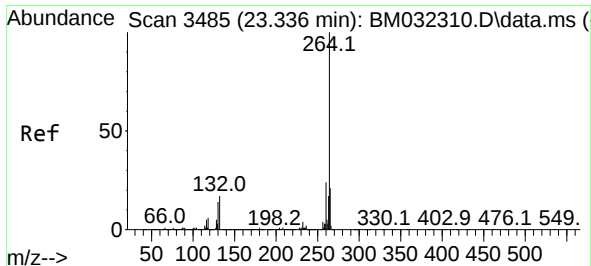
Tgt Ion:240 Resp: 807663
Ion Ratio Lower Upper
240 100
120 12.2 7.8 11.6#
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 80.157 ng
RT: 19.601 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BM032502.D
Acq: 13 Oct 2021 18:52

Tgt Ion:244 Resp: 3074009
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 11.0 8.7 13.1

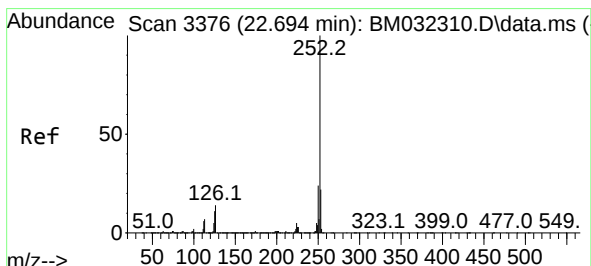
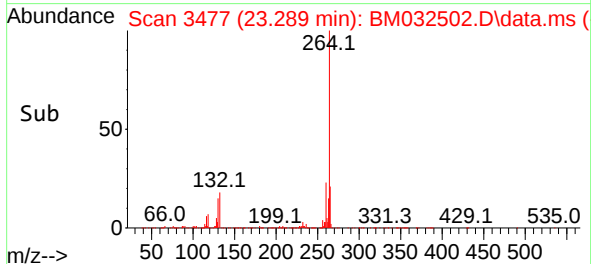
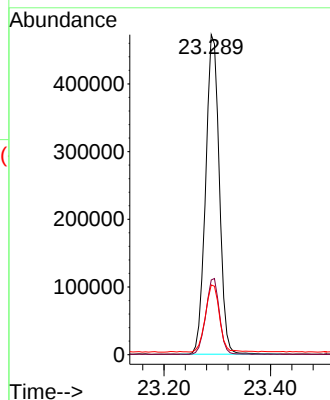
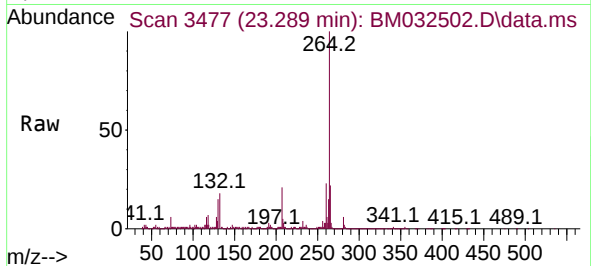




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.289 min Scan# 3477
 Delta R.T. 0.000 min
 Lab File: BM032502.D
 Acq: 13 Oct 2021 18:52

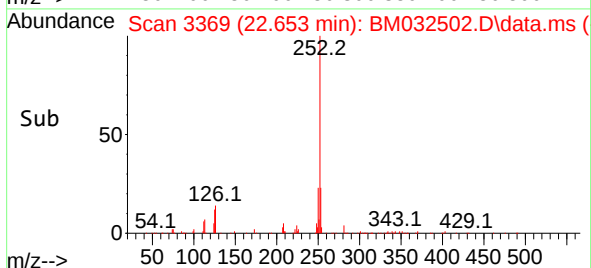
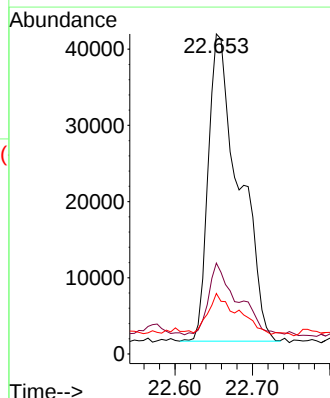
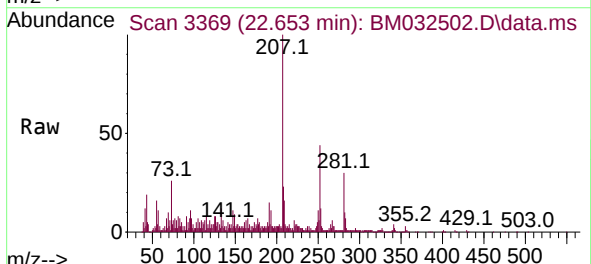
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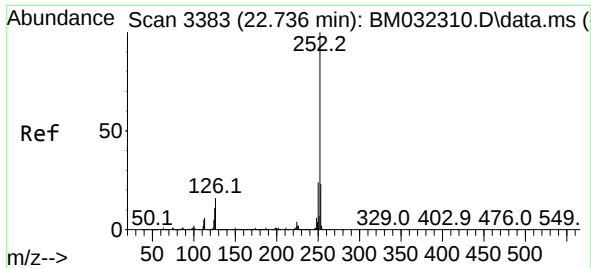
Tgt Ion:264 Resp: 838680
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 21.8 18.3 27.5



#88
 Benzo(b)fluoranthene
 Concen: 2.187 ng
 RT: 22.653 min Scan# 3369
 Delta R.T. 0.000 min
 Lab File: BM032502.D
 Acq: 13 Oct 2021 18:52

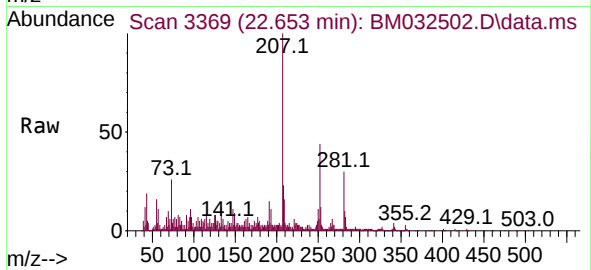
Tgt Ion:252 Resp: 111586
 Ion Ratio Lower Upper
 252 100
 253 28.4 18.0 27.0#
 125 18.9 7.5 11.3#





#89
Benzo(k)fluoranthene
Concen: 2.239 ng
RT: 22.653 min Scan# 3369
Delta R.T. -0.047 min
Lab File: BM032502.D
Acq: 13 Oct 2021 18:52

Instrument :
BNA_M
ClientSampleId :
2186-2187



Tgt Ion:252 Resp: 111586
Ion Ratio Lower Upper
252 100
253 28.4 17.3 25.9#
125 18.9 7.5 11.3#

