

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101321\
 Data File : BM032501.D
 Acq On : 13 Oct 2021 18:16
 Operator : CG/JU
 Sample : M4157-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FDR-20211008-WC

Quant Time: Oct 14 02:31:46 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)

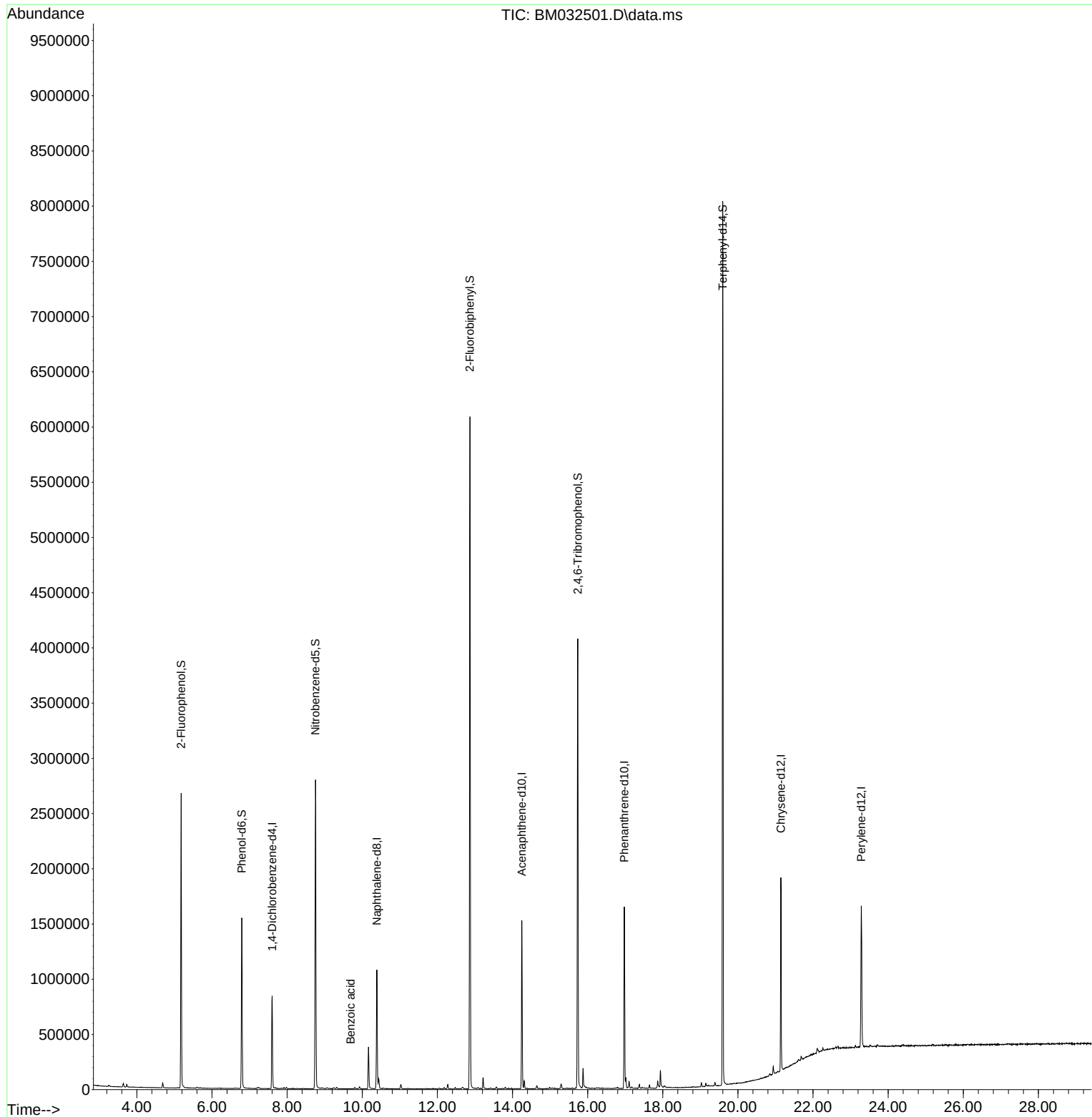
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.601	152	226722	20.000	ng	0.00
21) Naphthalene-d8	10.389	136	865446	20.000	ng	# 0.00
39) Acenaphthene-d10	14.248	164	482084	20.000	ng	0.00
64) Phenanthrene-d10	16.977	188	908079	20.000	ng	# 0.00
76) Chrysene-d12	21.142	240	786648	20.000	ng	# 0.00
86) Perylene-d12	23.283	264	796760	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.178	112	1087276	80.802	ng	0.00
7) Phenol-d6	6.790	99	881545	47.907	ng	-0.01
23) Nitrobenzene-d5	8.754	82	1568119	100.775	ng	0.00
42) 2,4,6-Tribromophenol	15.736	330	677338	125.505	ng	0.00
45) 2-Fluorobiphenyl	12.866	172	3081848	95.050	ng	0.00
79) Terphenyl-d14	19.595	244	3531044	94.534	ng	0.00
Target Compounds						
32) Benzoic acid	9.689	122	60	4.827	ng	# 10

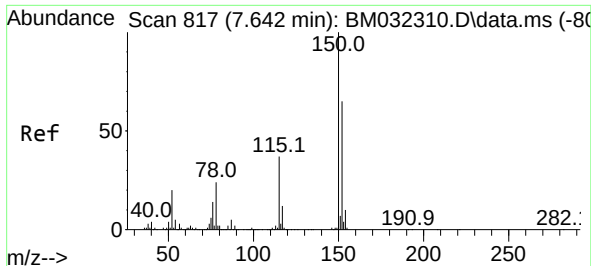
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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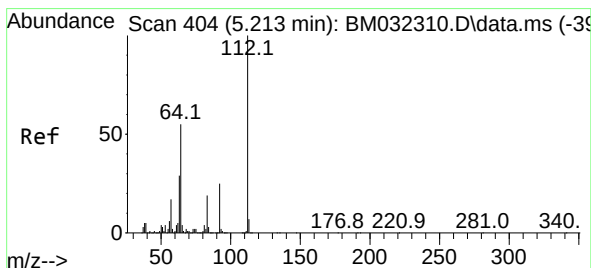
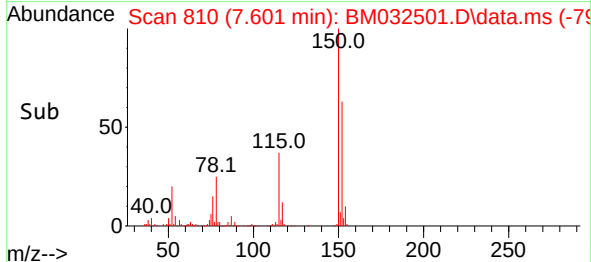
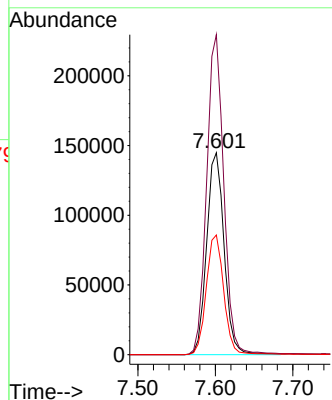
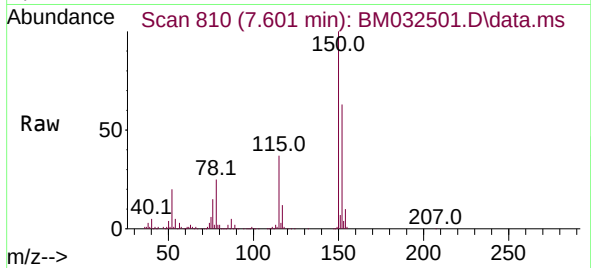




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.601 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM032501.D
Acq: 13 Oct 2021 18:16

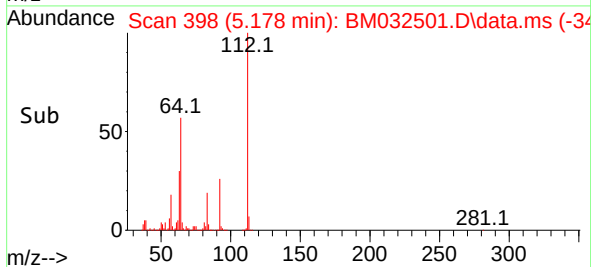
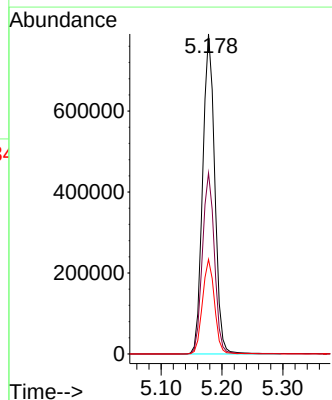
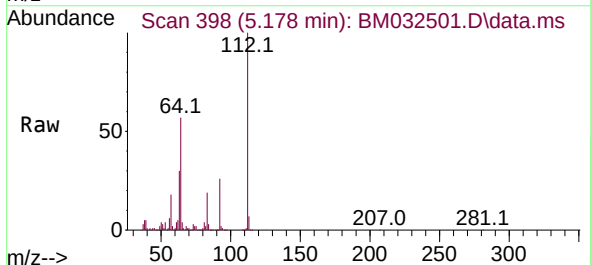
Instrument :
BNA_M
ClientSampleId :
FDR-20211008-WC

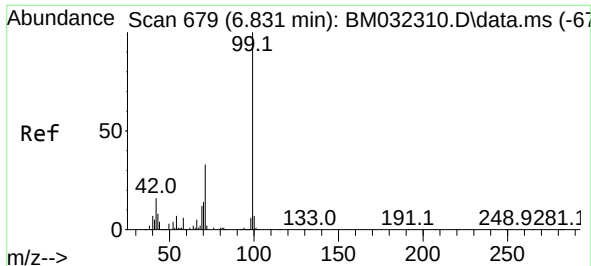
Tgt Ion:152 Resp: 226722
Ion Ratio Lower Upper
152 100
150 158.5 122.4 183.6
115 59.3 53.8 80.8



#5
2-Fluorophenol
Concen: 80.802 ng
RT: 5.178 min Scan# 398
Delta R.T. -0.000 min
Lab File: BM032501.D
Acq: 13 Oct 2021 18:16

Tgt Ion:112 Resp: 1087276
Ion Ratio Lower Upper
112 100
64 56.6 53.7 80.5
63 29.6 33.9 50.9#

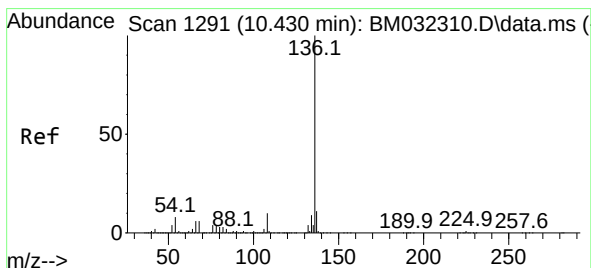
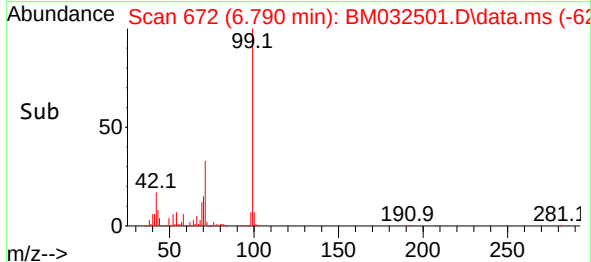
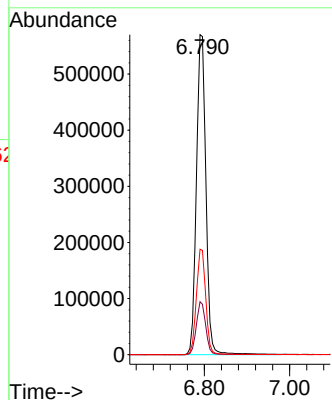
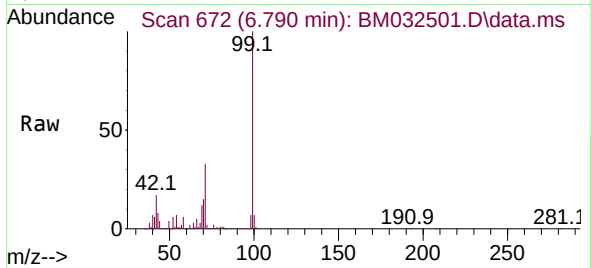




#7
Phenol-d6
Concen: 47.907 ng
RT: 6.790 min Scan# 672
Delta R.T. -0.012 min
Lab File: BM032501.D
Acq: 13 Oct 2021 18:16

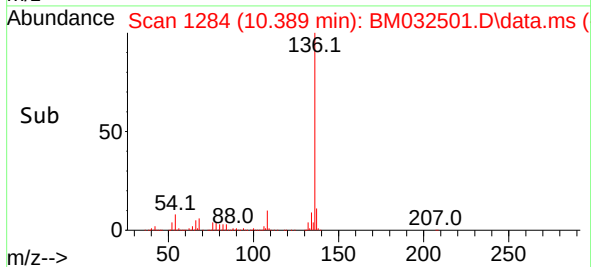
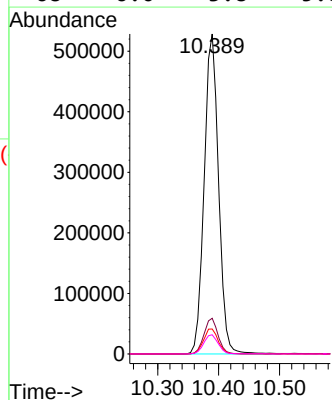
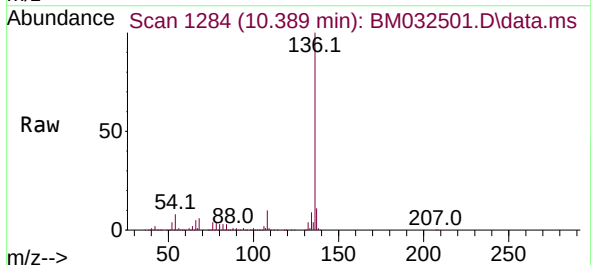
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BNA_M
ClientSampleId :
FDR-20211008-WC

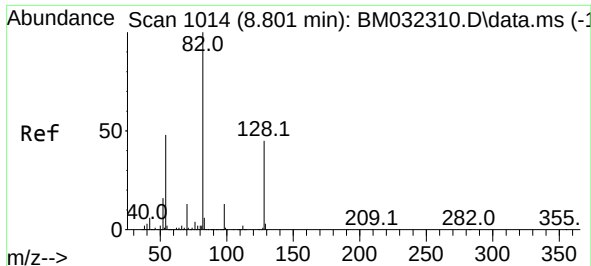
Tgt Ion: 99 Resp: 881545
Ion Ratio Lower Upper
99 100
42 16.6 23.0 34.6#
71 32.9 37.8 56.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.389 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM032501.D
Acq: 13 Oct 2021 18:16

Tgt Ion: 136 Resp: 865446
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.8 7.4 11.0
68 6.0 3.8 5.8#

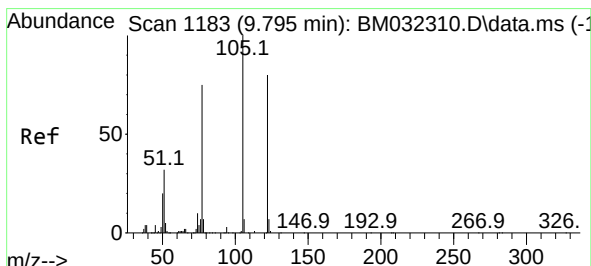
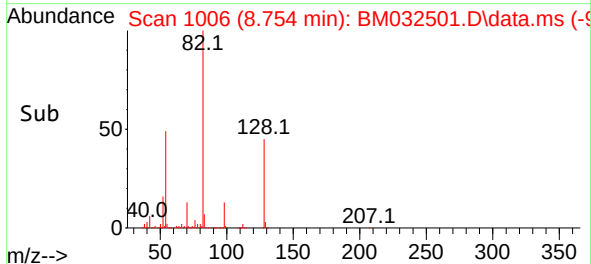
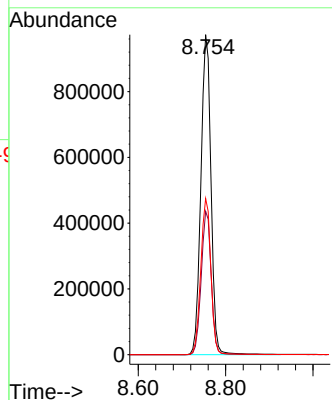
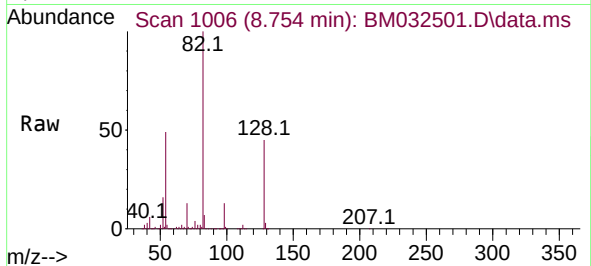




#23
Nitrobenzene-d5
Concen: 100.775 ng
RT: 8.754 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BM032501.D
Acq: 13 Oct 2021 18:16

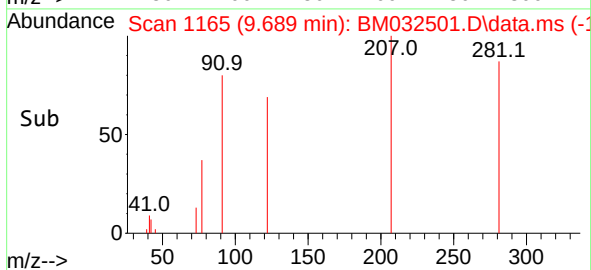
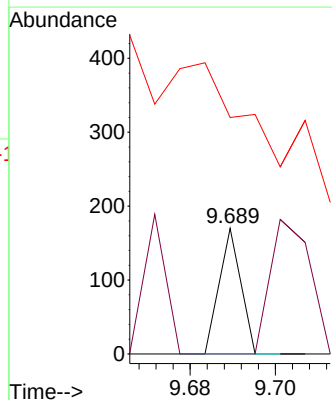
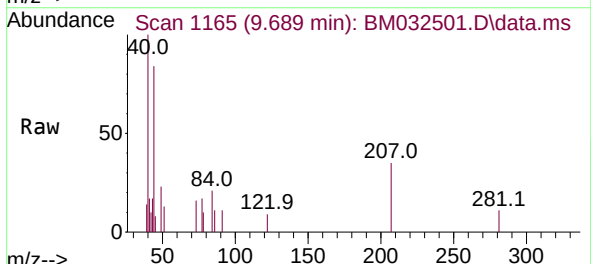
Instrument :
BNA_M
ClientSampleId :
FDR-20211008-WC

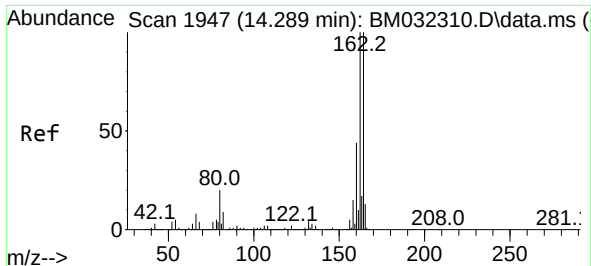
Tgt Ion: 82 Resp: 1568119
Ion Ratio Lower Upper
82 100
128 44.8 29.0 43.6#
54 48.8 45.8 68.8



#32
Benzoic acid
Concen: 4.827 ng
RT: 9.689 min Scan# 1165
Delta R.T. -0.071 min
Lab File: BM032501.D
Acq: 13 Oct 2021 18:16

Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 120.3 160.3#
77 188.2 100.0 140.0#

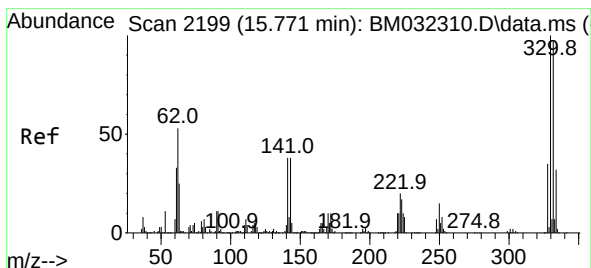
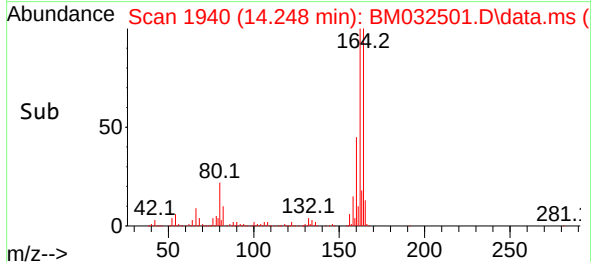
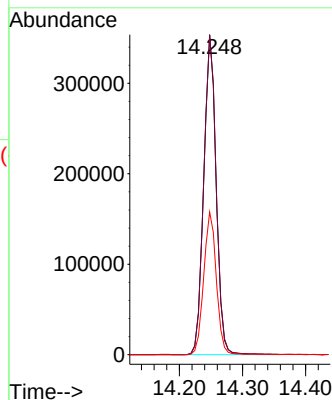
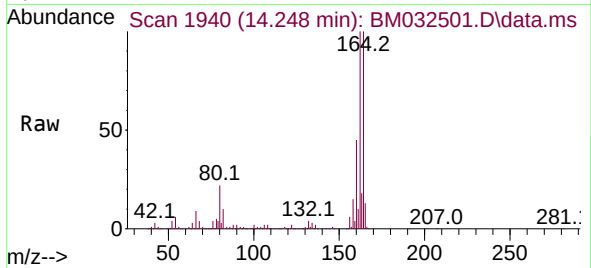




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM032501.D
Acq: 13 Oct 2021 18:16

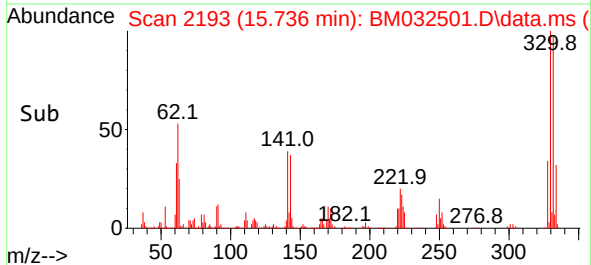
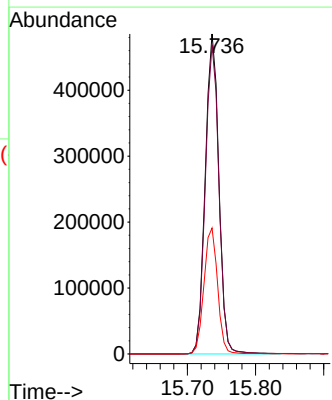
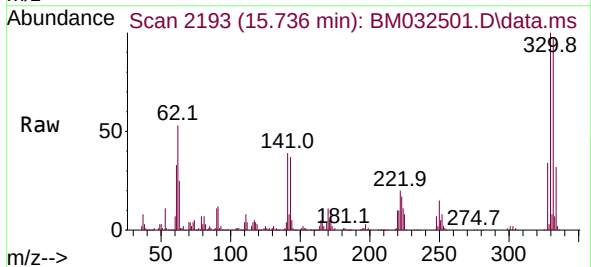
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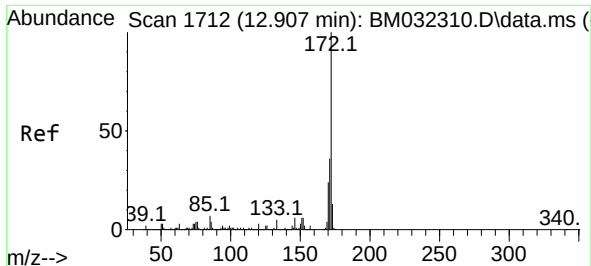
Tgt Ion:164 Resp: 482084
Ion Ratio Lower Upper
164 100
162 99.9 80.6 121.0
160 44.6 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 125.505 ng
RT: 15.736 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM032501.D
Acq: 13 Oct 2021 18:16

Tgt Ion:330 Resp: 677338
Ion Ratio Lower Upper
330 100
332 96.6 75.7 113.5
141 39.4 50.7 76.1#

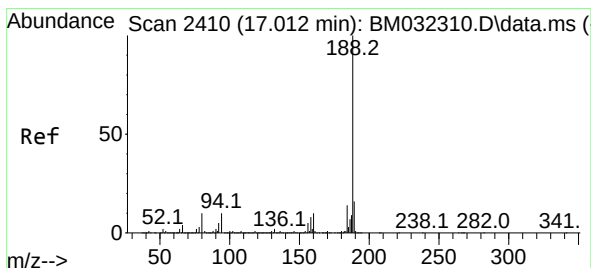
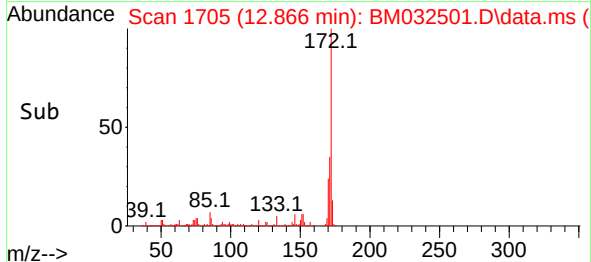
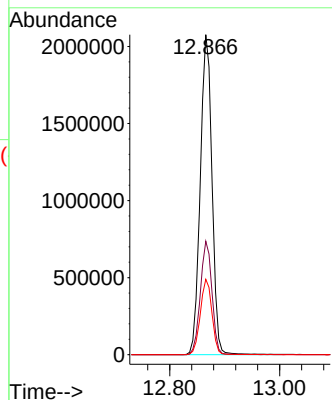
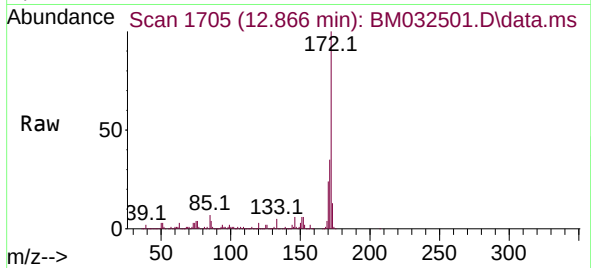




#45
2-Fluorobiphenyl
Concen: 95.050 ng
RT: 12.866 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BM032501.D
Acq: 13 Oct 2021 18:16

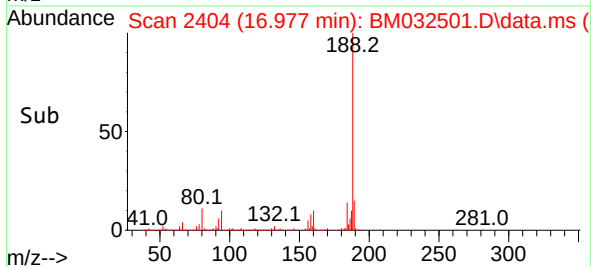
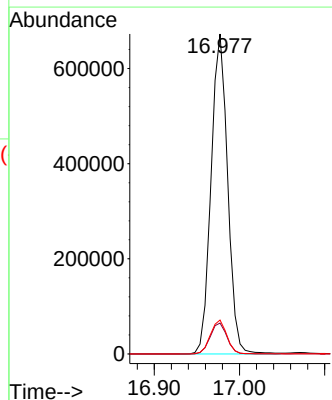
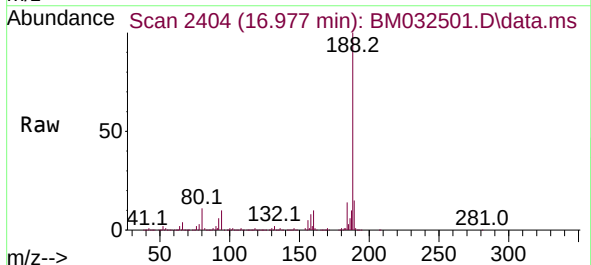
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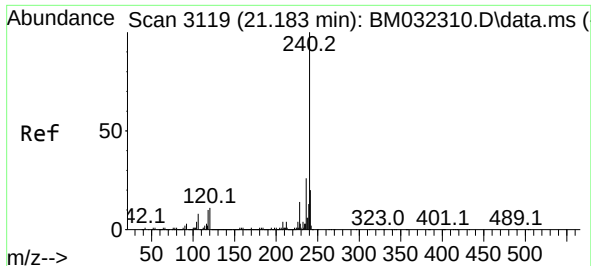
Tgt Ion:172 Resp: 3081848
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.6 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.977 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM032501.D
Acq: 13 Oct 2021 18:16

Tgt Ion:188 Resp: 908079
Ion Ratio Lower Upper
188 100
94 9.6 6.3 9.5#
80 10.6 7.3 10.9

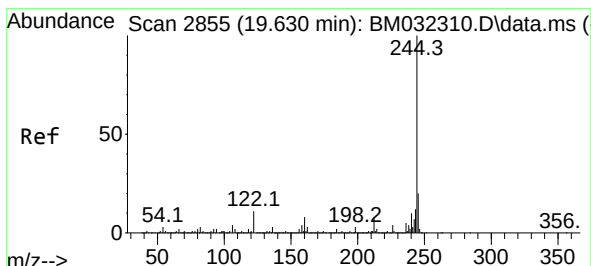
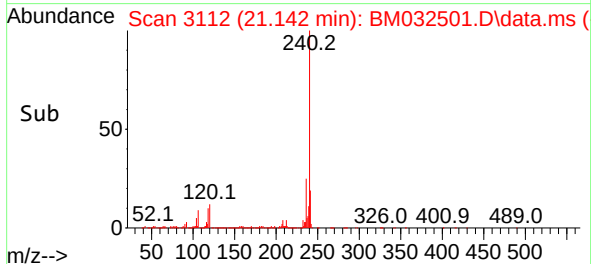
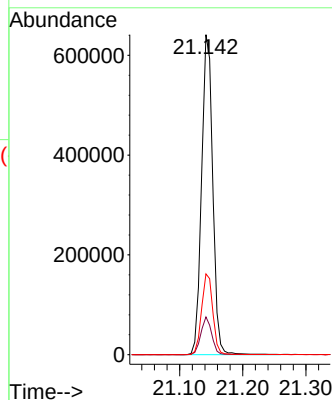
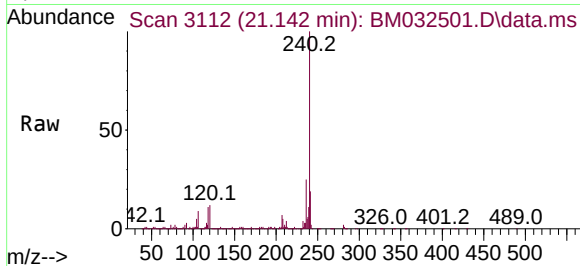




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.142 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM032501.D
Acq: 13 Oct 2021 18:16

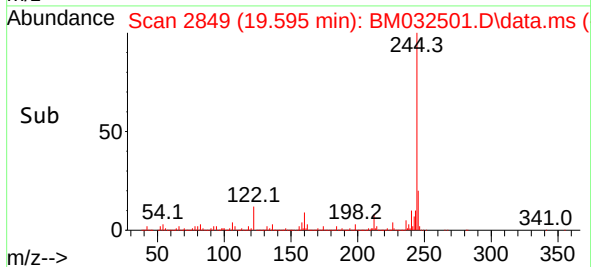
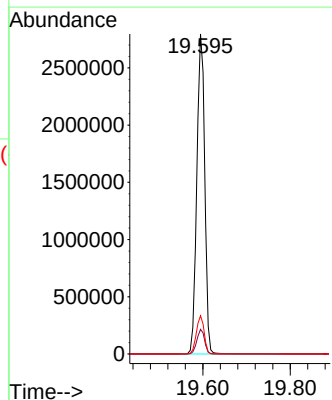
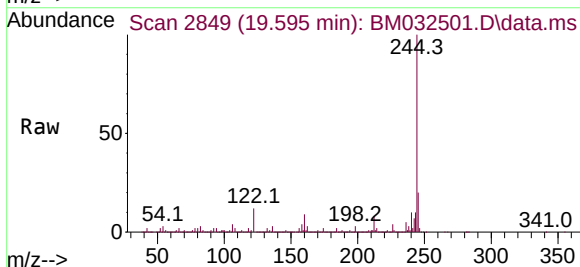
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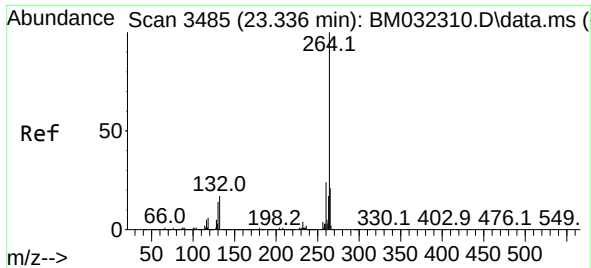
Tgt Ion:240 Resp: 786648
Ion Ratio Lower Upper
240 100
120 11.8 7.8 11.6#
236 25.2 20.9 31.3



#79
Terphenyl-d14
Concen: 94.534 ng
RT: 19.595 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BM032501.D
Acq: 13 Oct 2021 18:16

Tgt Ion:244 Resp: 3531044
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 11.9 8.7 13.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.283 min Scan# 3476
 Delta R.T. -0.006 min
 Lab File: BM032501.D
 Acq: 13 Oct 2021 18:16

Instrument :
 BNA_M
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Tgt Ion:264 Resp: 796760
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 21.9 18.3 27.5

