

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	20.00	ng	0.00
21) Naphthalene-d8	10.389	136	865446	20.00	ng	# 0.00
39) Acenaphthene-d10	14.248	164	482084	20.00	ng	0.00
64) Phenanthrene-d10	16.977	188	908079	20.00	ng	# 0.00
76) Chrysene-d12	21.142	240	786648	20.00	ng	# 0.00
86) Perylene-d12	23.283	264	796760	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.178	112	1087276	80.80	ng	0.00
7) Phenol-d6	6.790	99	881545	47.91	ng	-0.01
23) Nitrobenzene-d5	8.754	82	1568119	100.77	ng	0.00
42) 2,4,6-Tribromophenol	15.736	330	677338	125.50	ng	0.00
45) 2-Fluorobiphenyl	12.866	172	3081848	95.05	ng	0.00
79) Terphenyl-d14	19.595	244	3531044	94.53	ng	0.00

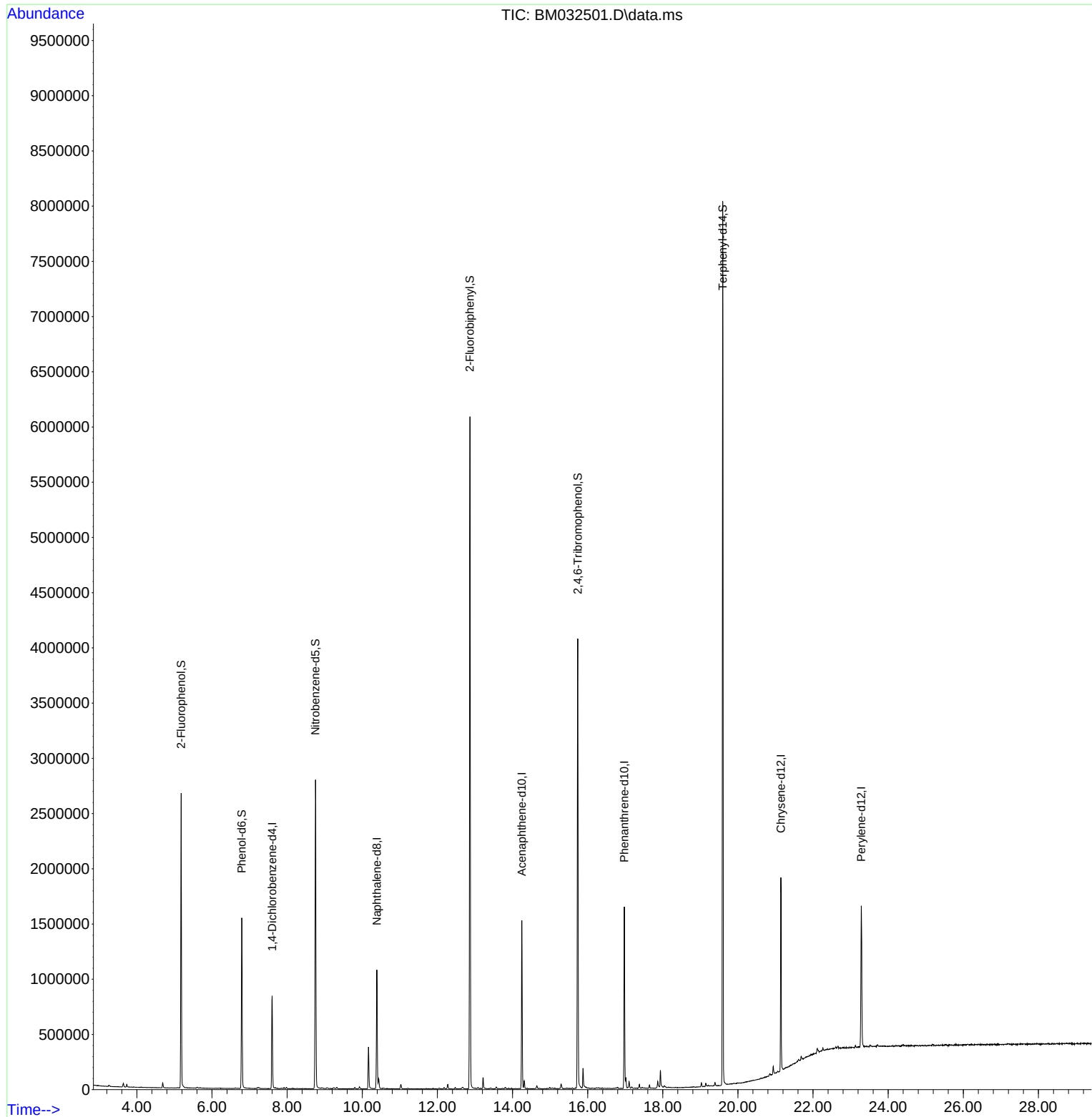
Target Compounds	Qvalue
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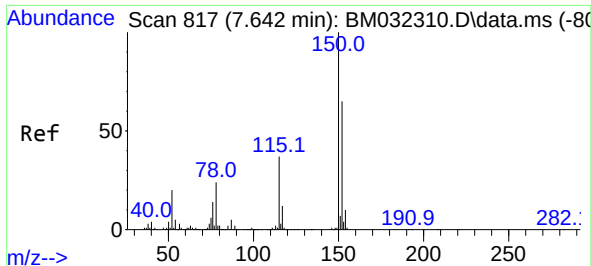
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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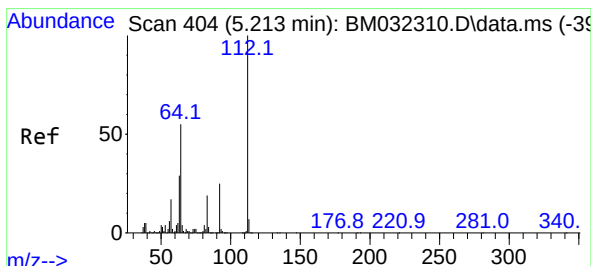
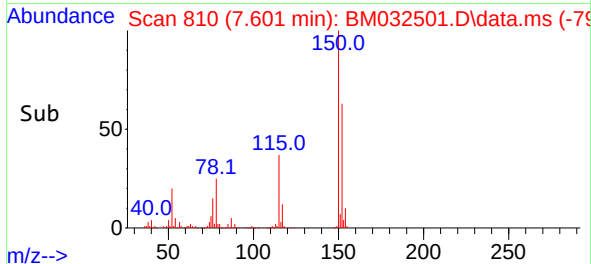
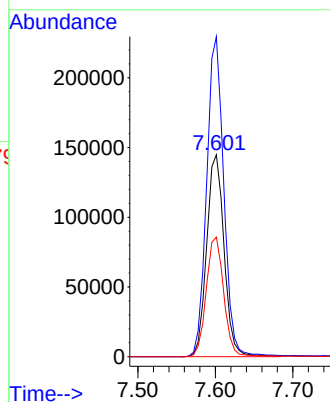
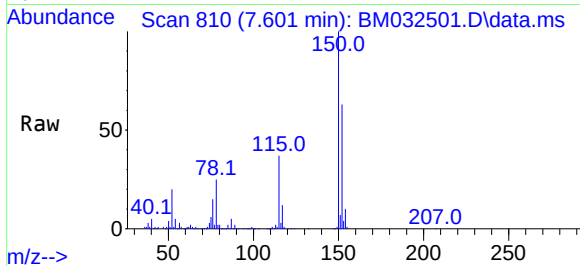


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.601 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM032501.D
Acq: 13 Oct 2021 18:16

Instrument :
BNA_M
ClientSampleId :
FDR-20211008-WC

Tgt Ion:152 Resp: 226722

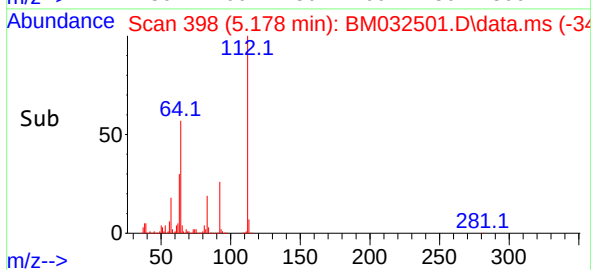
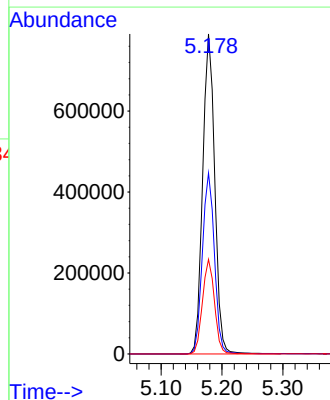
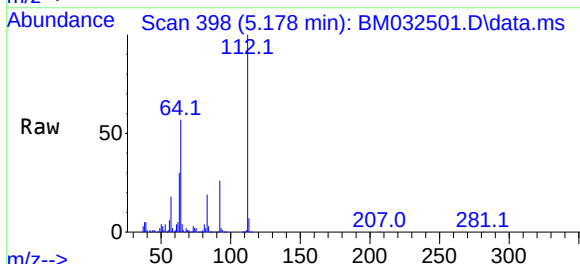
Ion	Ratio	Lower	Upper
152	100		
150	158.5	122.4	183.6
115	59.3	53.8	80.8

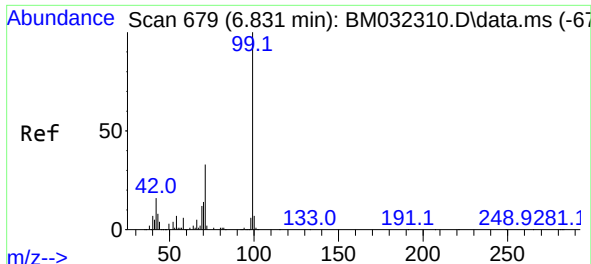


#5
2-Fluorophenol
Concen: 80.80 ng
RT: 5.178 min Scan# 398
Delta R.T. -0.000 min
Lab File: BM032501.D
Acq: 13 Oct 2021 18:16

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

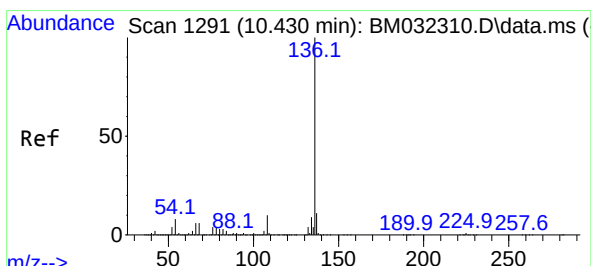
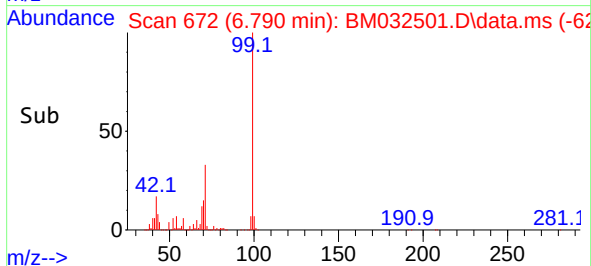
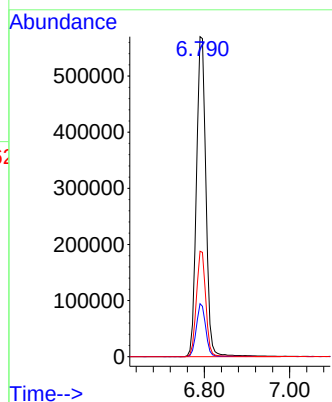
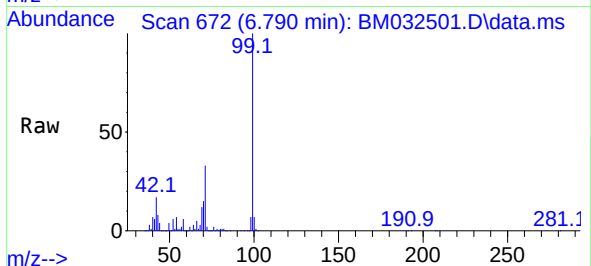




#7
Phenol-d6
Concen: 47.91 ng
RT: 6.790 min Scan# 672
Delta R.T. -0.012 min
Lab File: BM032501.D
Acq: 13 Oct 2021 18:16

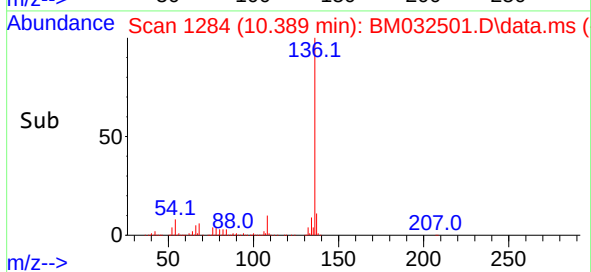
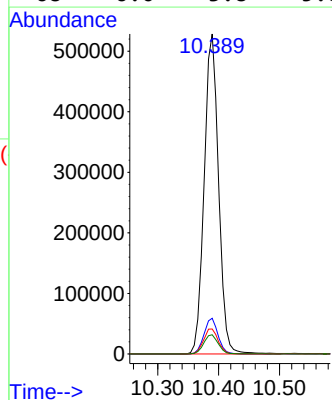
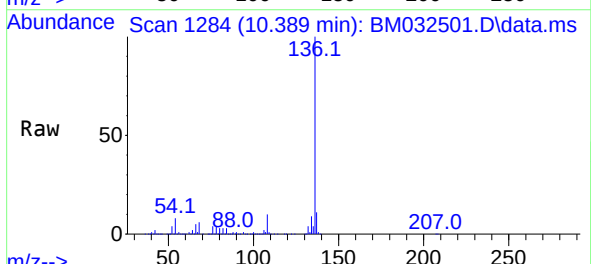
Instrument :
BNA_M
ClientSampleId :
FDR-20211008-WC

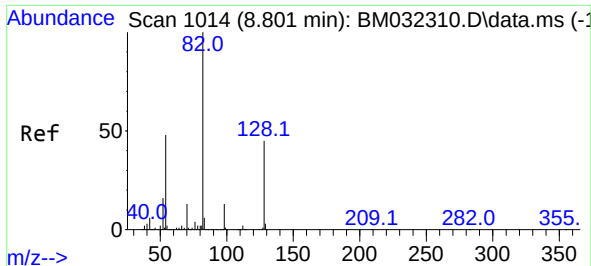
Tgt Ion: 99 Resp: 881545
Ion Ratio Lower Upper
99 100
42 16.6 23.0 34.6#
71 32.9 37.8 56.8#



#21
Naphthalene-d8
Concen: 20.00 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#

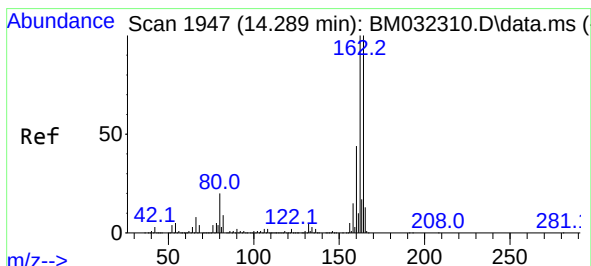
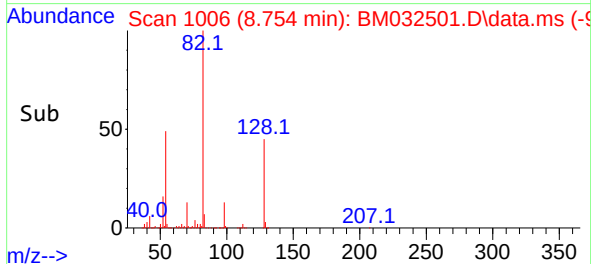
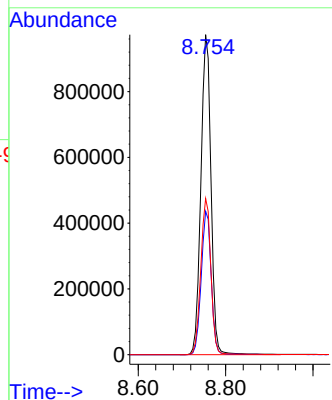
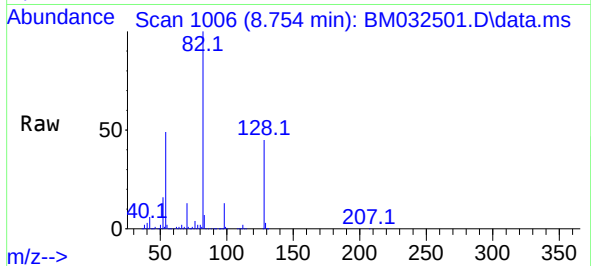




#23
Nitrobenzene-d5
Concen: 100.77 ng
RT: 8.754 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BM032501.D
Acq: 13 Oct 2021 18:16

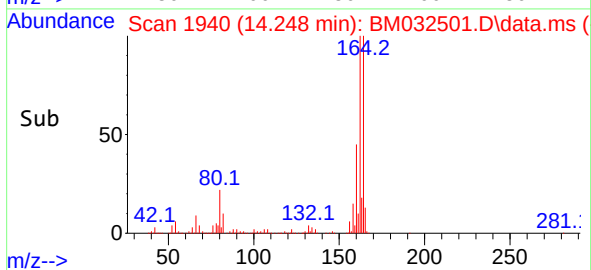
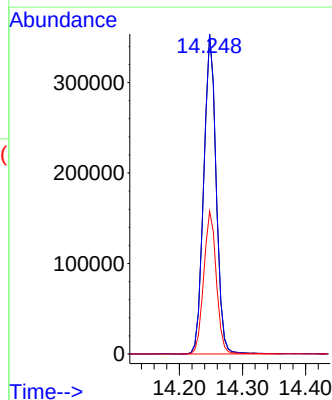
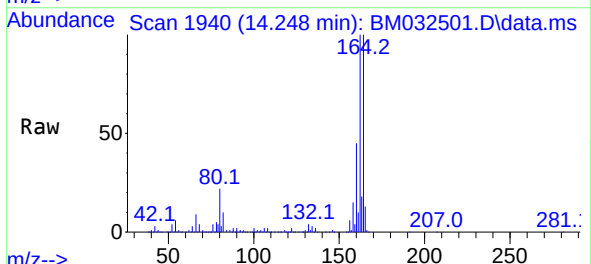
Instrument :
BNA_M
ClientSampleId :
FDR-20211008-WC

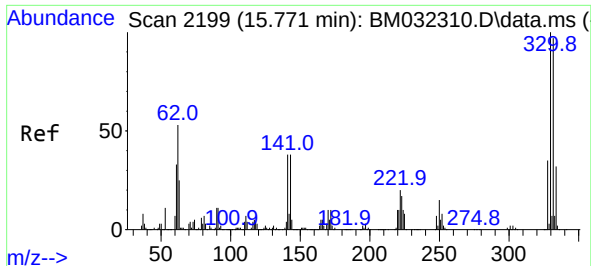
Tgt Ion: 82 Resp: 1568119
Ion Ratio Lower Upper
82 100
128 44.8 29.0 43.6#
54 48.8 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM032501.D
Acq: 13 Oct 2021 18:16

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

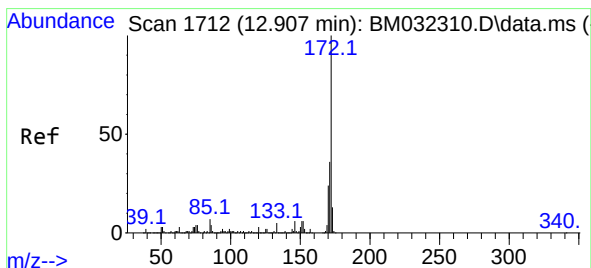
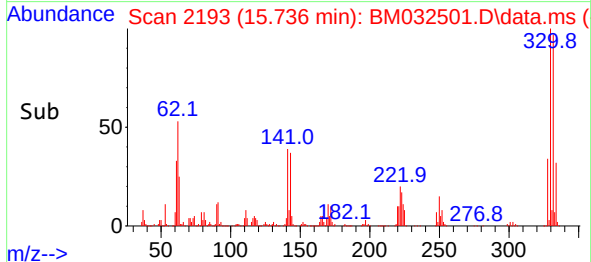
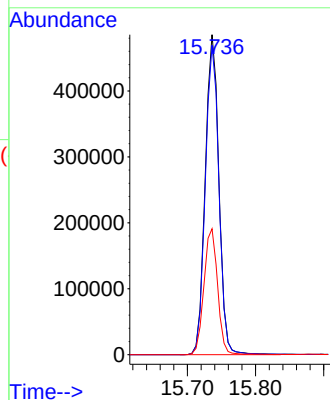
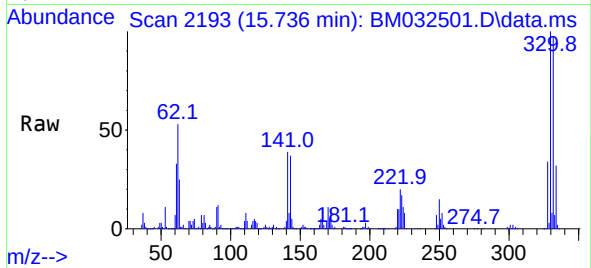




#42
2,4,6-Tribromophenol
Concen: 125.50 ng
RT: 15.736 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM032501.D
Acq: 13 Oct 2021 18:16

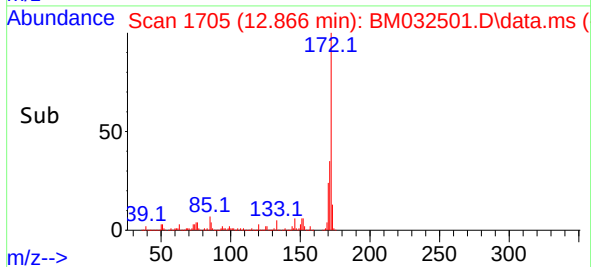
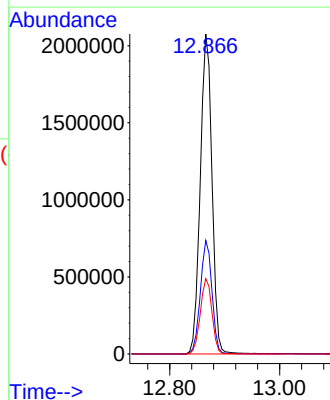
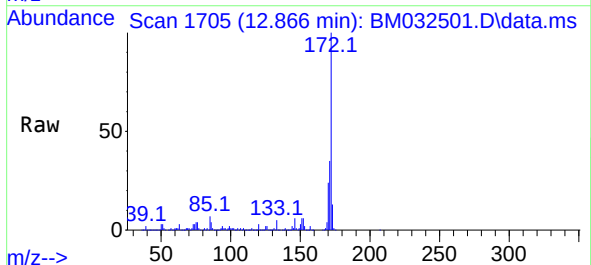
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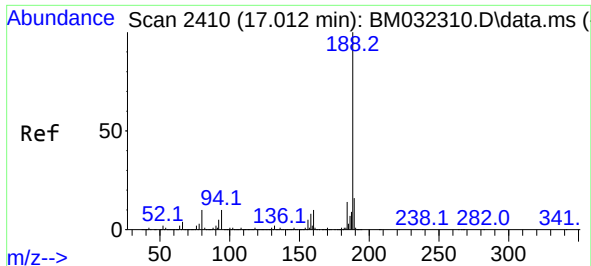
Tgt Ion:330 Resp: 677338
Ion Ratio Lower Upper
330 100
332 96.6 75.7 113.5
141 39.4 50.7 76.1#



#45
2-Fluorobiphenyl
Concen: 95.05 ng
RT: 12.866 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BM032501.D
Acq: 13 Oct 2021 18:16

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

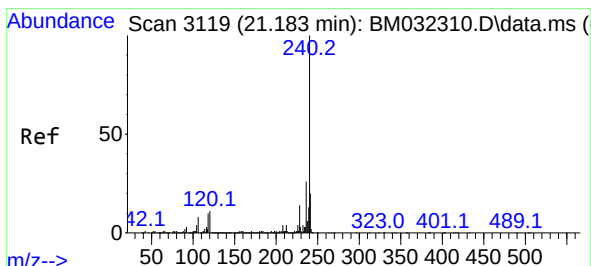
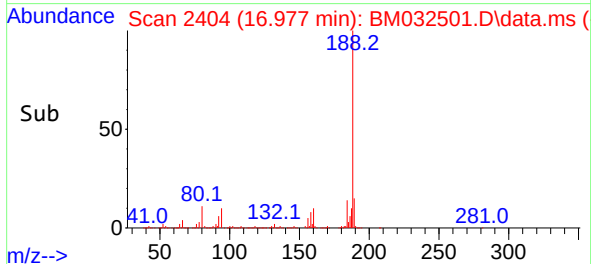
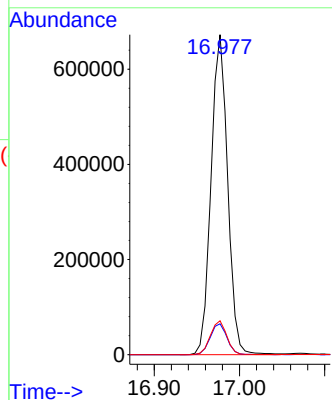
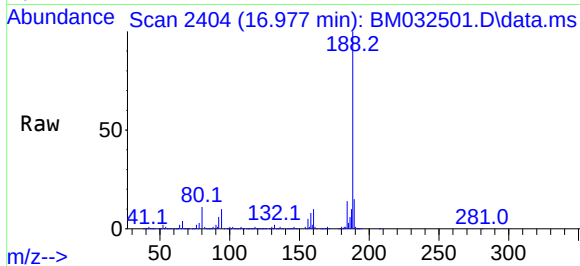




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.977 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM032501.D
Acq: 13 Oct 2021 18:16

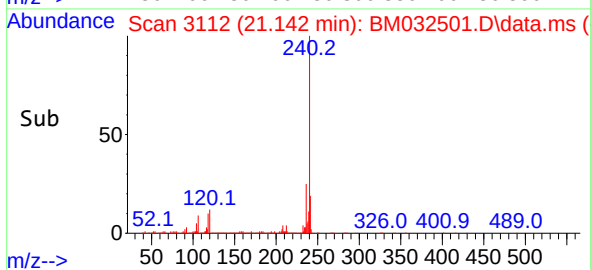
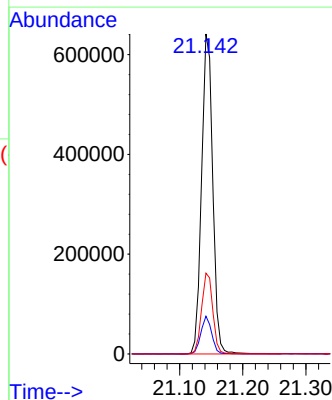
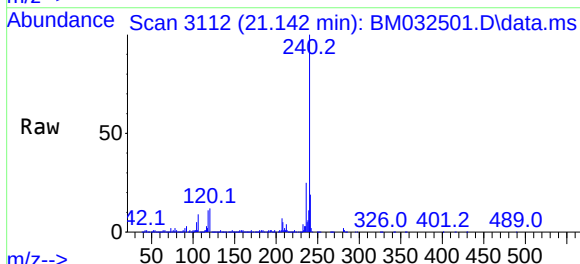
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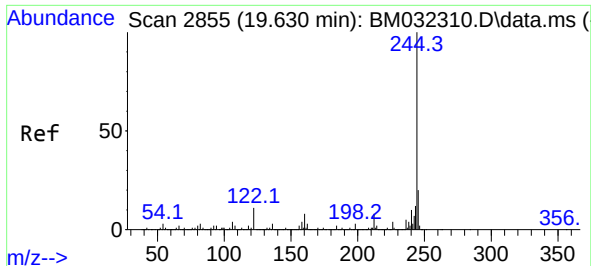
Tgt Ion:188 Resp: 908079
Ion Ratio Lower Upper
188 100
94 9.6 6.3 9.5#
80 10.6 7.3 10.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.142 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM032501.D
Acq: 13 Oct 2021 18:16

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

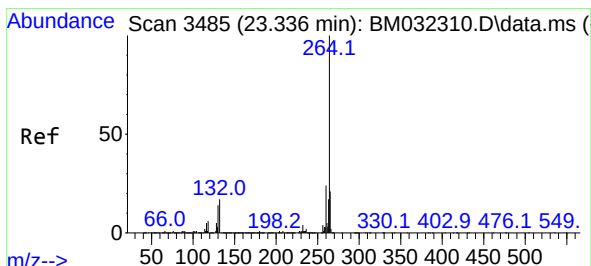
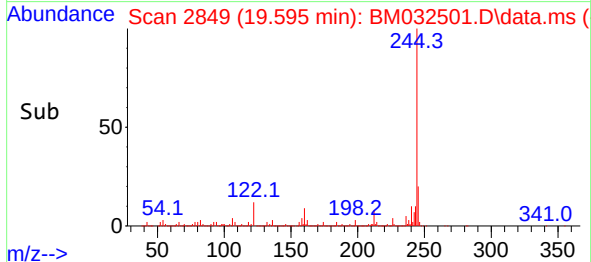
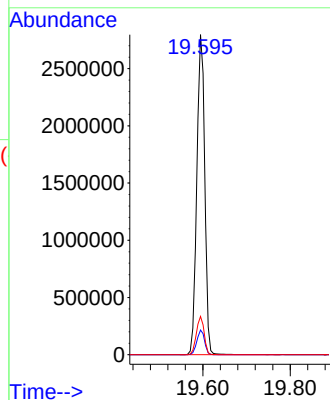
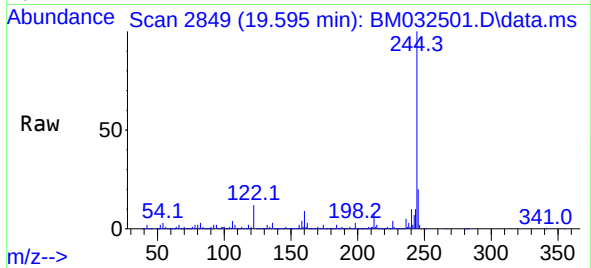




#79
 Terphenyl-d14
 Concen: 94.53 ng
 RT: 19.595 min Scan# 2849
 Delta R.T. -0.006 min
 Lab File: BM032501.D
 Acq: 13 Oct 2021 18:16

Instrument :
 BNA_M
 ClientSampleId :
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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: 20.00 ng
 RT: 23.283 min Scan# 3476
 Delta R.T. -0.006 min
 Lab File: BM032501.D
 Acq: 13 Oct 2021 18:16

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

