

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
 Data File : BM032411.D
 Acq On : 09 Oct 2021 02:00
 Operator : CG/JU
 Sample : M4117-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-3(3.0-3.5)

Quant Time: Oct 09 03:31:28 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 08 17:11:04 2021
 Response via : Initial Calibration

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

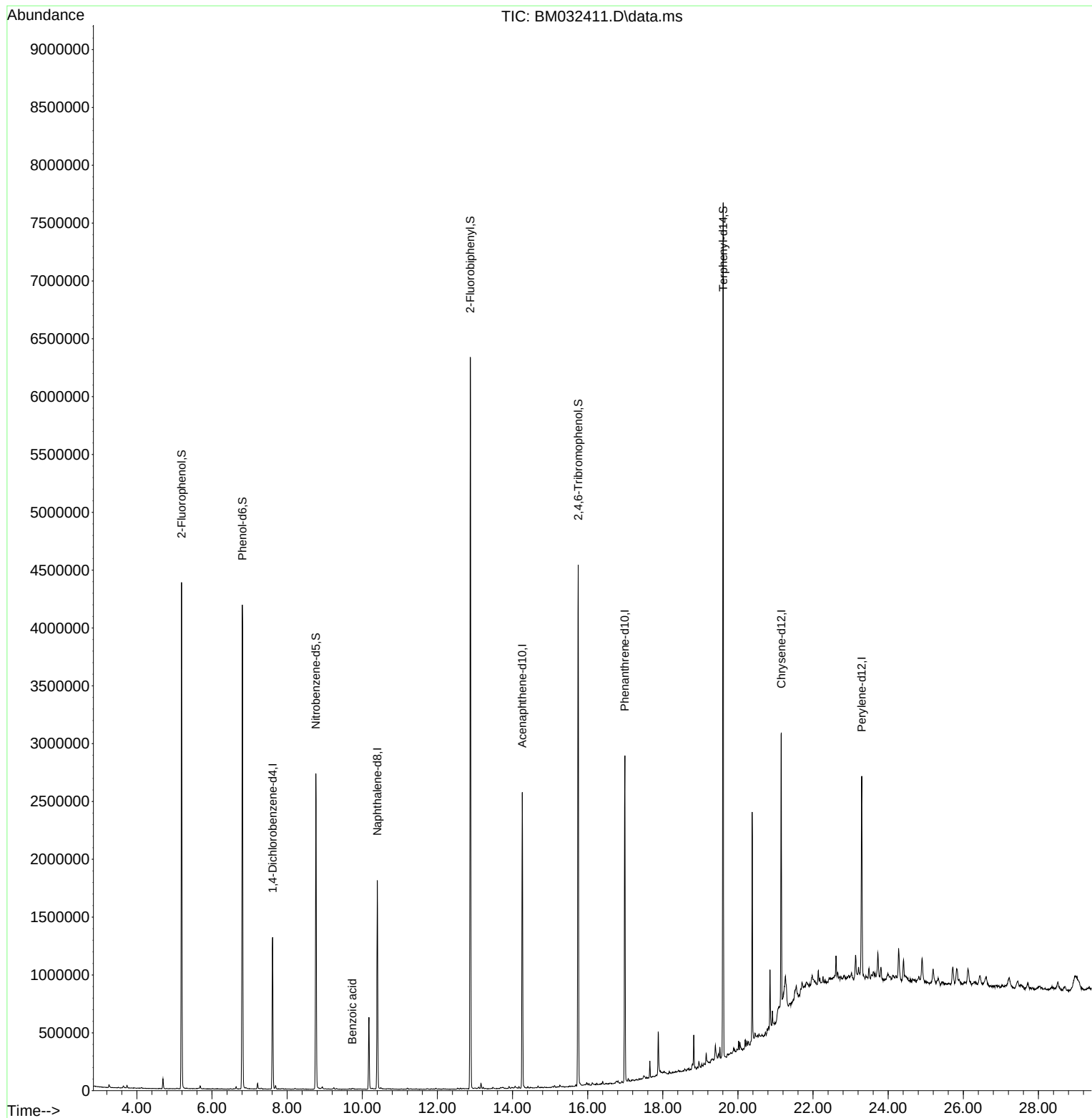
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	347245	20.000	ng	0.00
21) Naphthalene-d8	10.401	136	1420739	20.000	ng	# 0.00
39) Acenaphthene-d10	14.260	164	842983	20.000	ng	0.00
64) Phenanthrene-d10	16.989	188	1578269	20.000	ng	# 0.00
76) Chrysene-d12	21.153	240	1120856	20.000	ng	0.00
86) Perylene-d12	23.294	264	1094298	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.190	112	1862843	90.389	ng	0.00
7) Phenol-d6	6.807	99	2454796	87.101	ng	0.00
23) Nitrobenzene-d5	8.766	82	1514672	59.295	ng	0.00
42) 2,4,6-Tribromophenol	15.748	330	781038	82.762	ng	0.00
45) 2-Fluorobiphenyl	12.877	172	3222023	56.829	ng	0.00
79) Terphenyl-d14	19.606	244	3385687	63.615	ng	0.00
Target Compounds						
32) Benzoic acid	9.731	122	58	4.824	ng	# 10

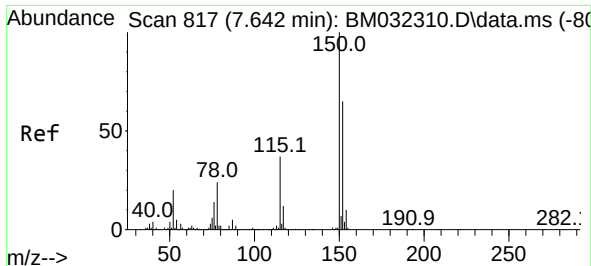
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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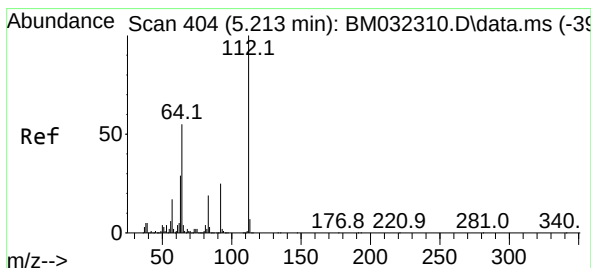
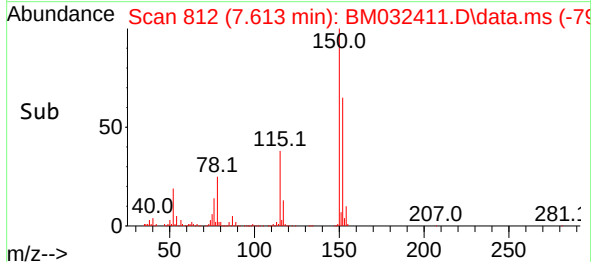
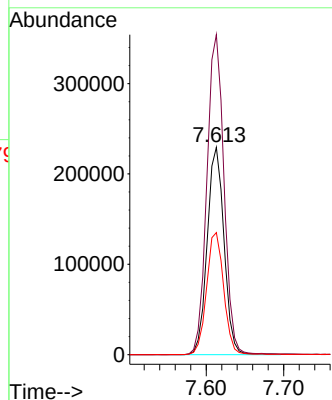
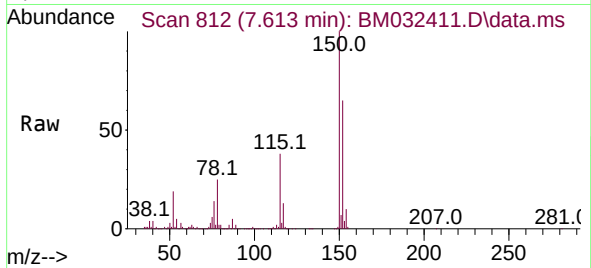




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.613 min Scan# 812
Delta R.T. -0.006 min
Lab File: BM032411.D
Acq: 09 Oct 2021 02:00

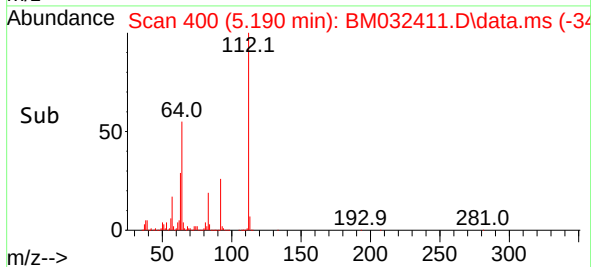
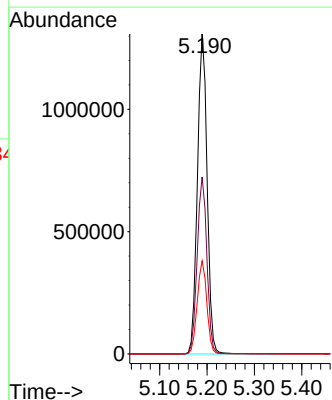
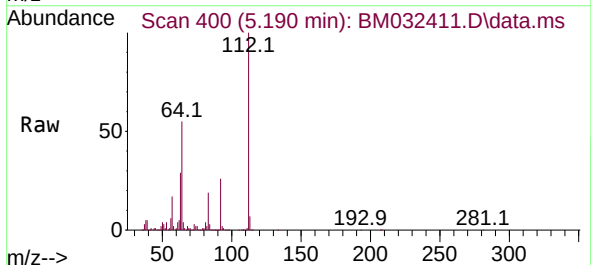
Instrument :
BNA_M
ClientSampleId :
SB-3(3.0-3.5)

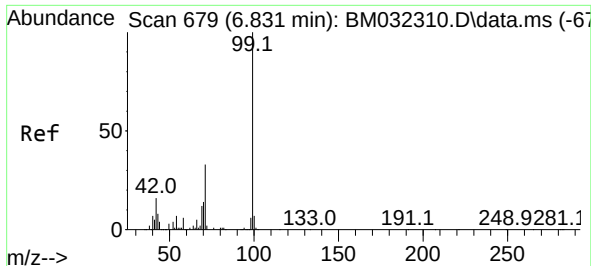
Tgt Ion:152 Resp: 347245
Ion Ratio Lower Upper
152 100
150 154.3 122.4 183.6
115 58.8 53.8 80.8



#5
2-Fluorophenol
Concen: 90.389 ng
RT: 5.190 min Scan# 400
Delta R.T. 0.000 min
Lab File: BM032411.D
Acq: 09 Oct 2021 02:00

Tgt Ion:112 Resp: 1862843
Ion Ratio Lower Upper
112 100
64 55.3 53.7 80.5
63 29.1 33.9 50.9#

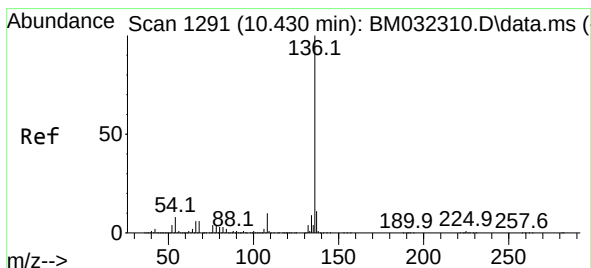
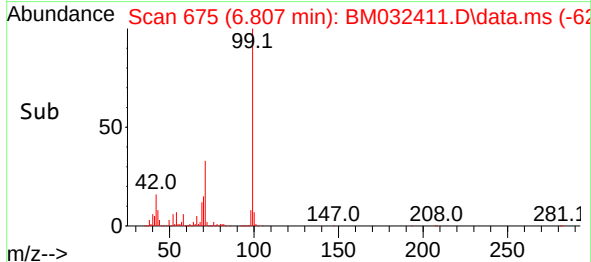
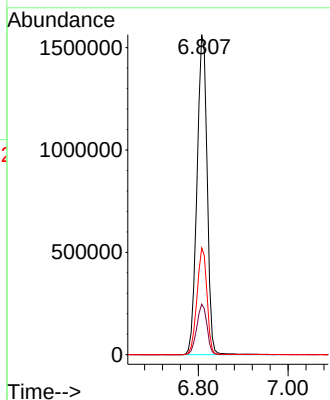
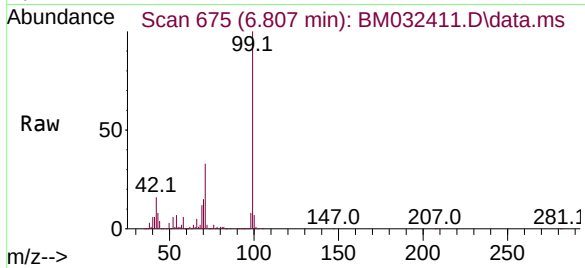




#7
Phenol-d6
Concen: 87.101 ng
RT: 6.807 min Scan# 675
Delta R.T. -0.006 min
Lab File: BM032411.D
Acq: 09 Oct 2021 02:00

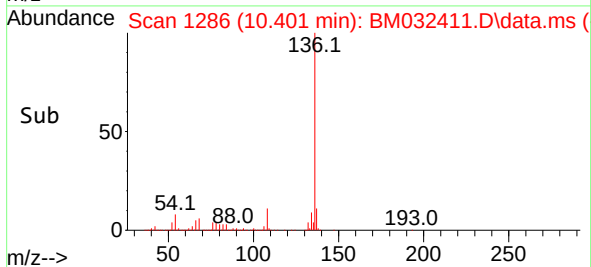
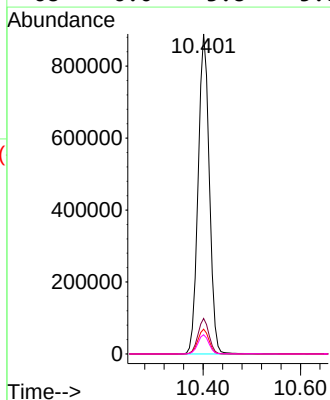
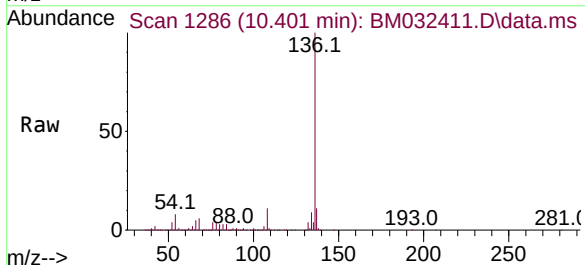
Instrument :
BNA_M
ClientSampleId :
SB-3(3.0-3.5)

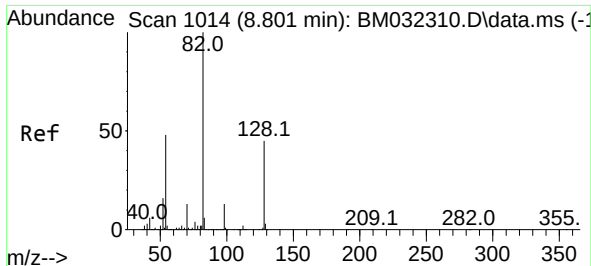
Tgt Ion: 99 Resp: 2454796
Ion Ratio Lower Upper
99 100
42 15.8 23.0 34.6#
71 33.4 37.8 56.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.401 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM032411.D
Acq: 09 Oct 2021 02:00

Tgt Ion: 136 Resp: 1420739
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#

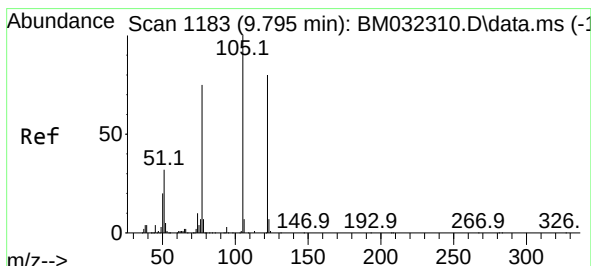
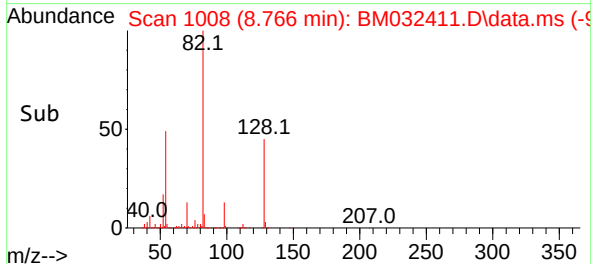
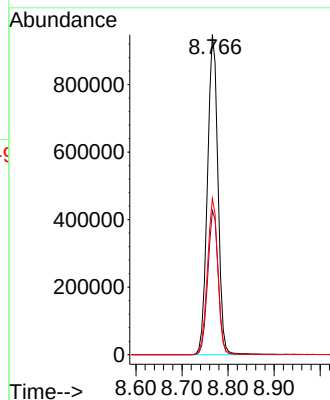
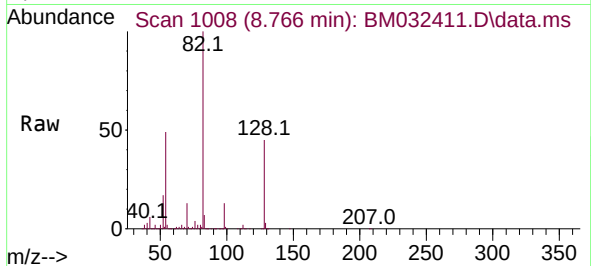




#23
Nitrobenzene-d5
Concen: 59.295 ng
RT: 8.766 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BM032411.D
Acq: 09 Oct 2021 02:00

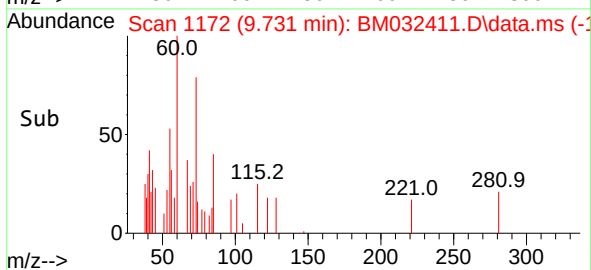
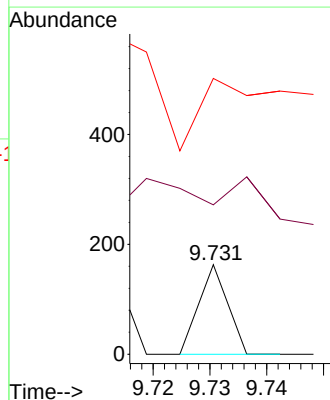
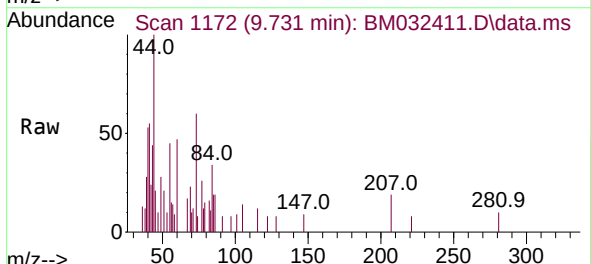
Instrument :
BNA_M
ClientSampleId :
SB-3(3.0-3.5)

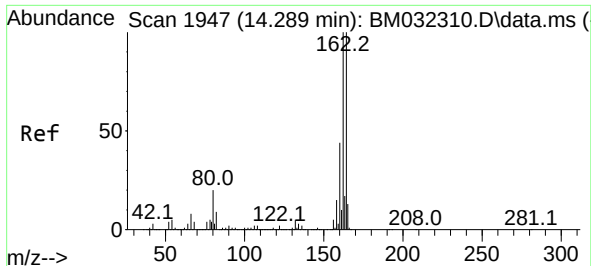
Tgt Ion: 82 Resp: 1514672
Ion Ratio Lower Upper
82 100
128 45.0 29.0 43.6#
54 48.8 45.8 68.8



#32
Benzoic acid
Concen: 4.824 ng
RT: 9.731 min Scan# 1172
Delta R.T. -0.041 min
Lab File: BM032411.D
Acq: 09 Oct 2021 02:00

Tgt Ion: 122 Resp: 58
Ion Ratio Lower Upper
122 100
105 166.9 120.3 160.3#
77 308.0 100.0 140.0#

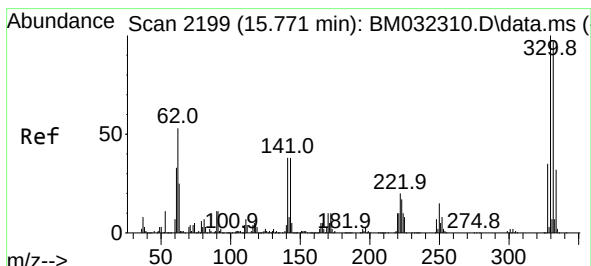
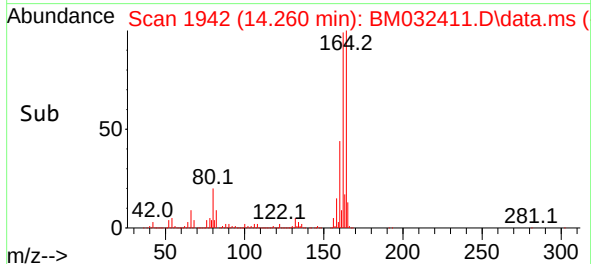
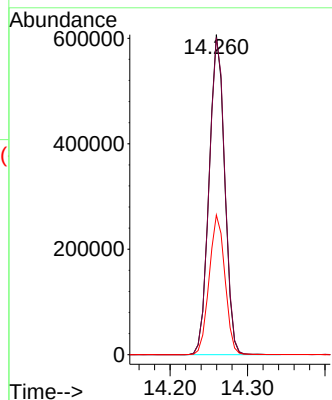
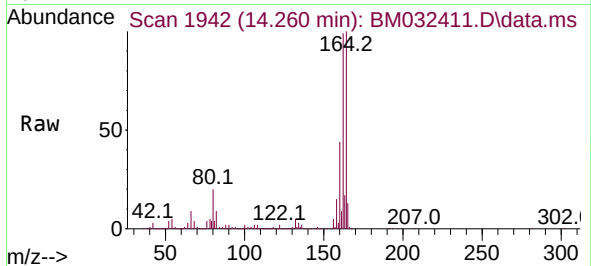




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.260 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM032411.D
Acq: 09 Oct 2021 02:00

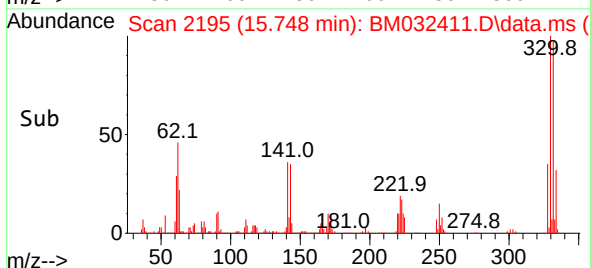
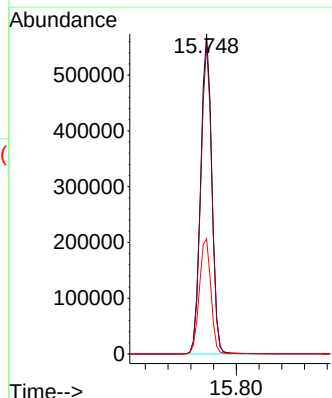
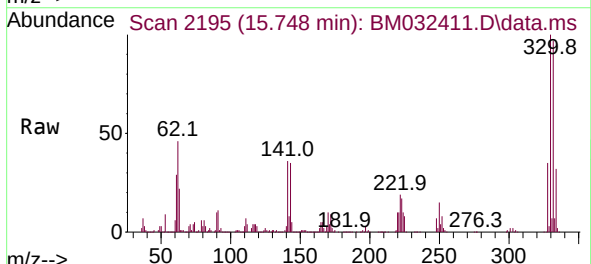
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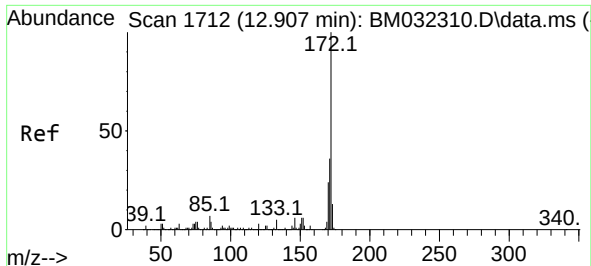
Tgt Ion:164 Resp: 842983
Ion Ratio Lower Upper
164 100
162 99.0 80.6 121.0
160 43.6 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 82.762 ng
RT: 15.748 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM032411.D
Acq: 09 Oct 2021 02:00

Tgt Ion:330 Resp: 781038
Ion Ratio Lower Upper
330 100
332 96.5 75.7 113.5
141 37.4 50.7 76.1#

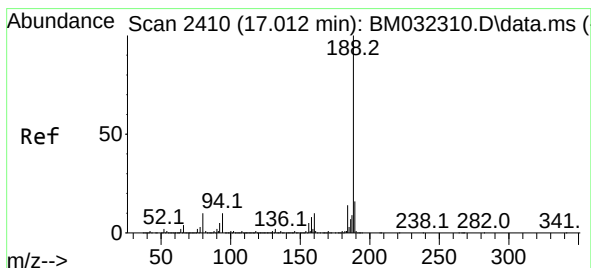
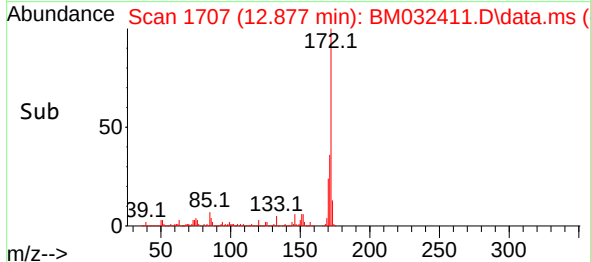
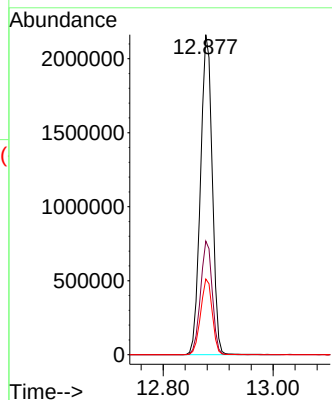
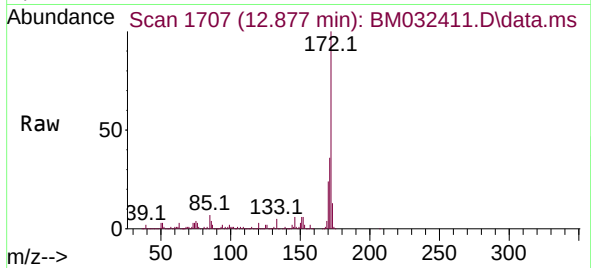




#45
2-Fluorobiphenyl
Concen: 56.829 ng
RT: 12.877 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM032411.D
Acq: 09 Oct 2021 02:00

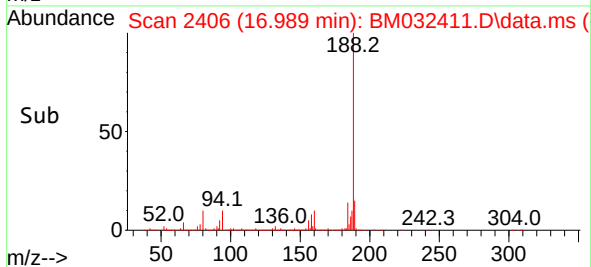
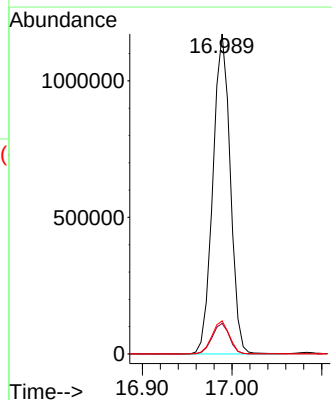
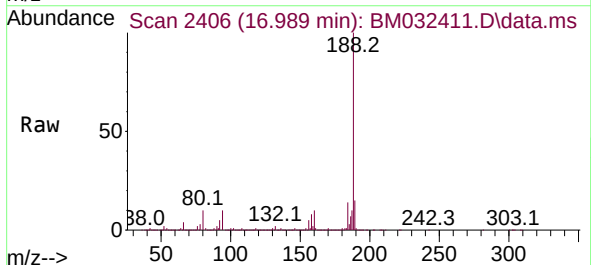
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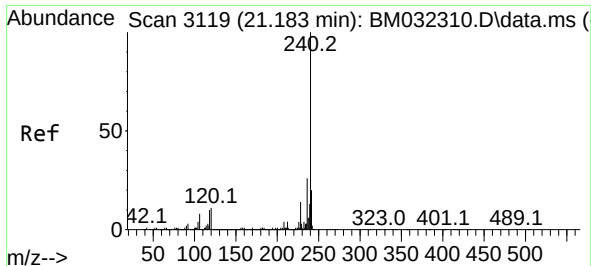
Tgt Ion:172 Resp: 3222023
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.6 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.989 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BM032411.D
Acq: 09 Oct 2021 02:00

Tgt Ion:188 Resp: 1578269
Ion Ratio Lower Upper
188 100
94 9.5 6.3 9.5#
80 10.3 7.3 10.9

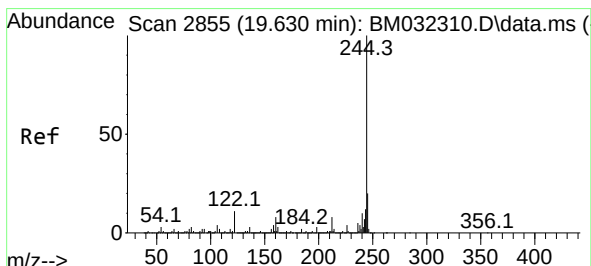
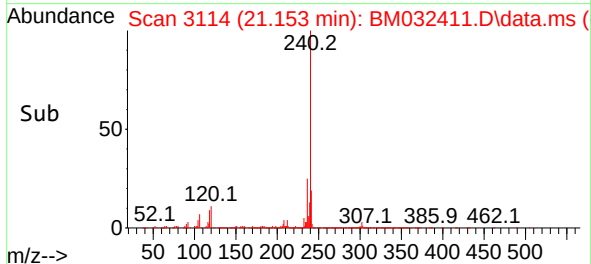
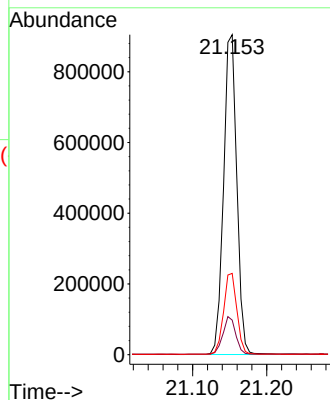
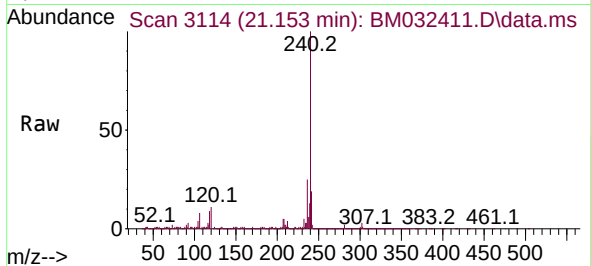




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.153 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM032411.D
Acq: 09 Oct 2021 02:00

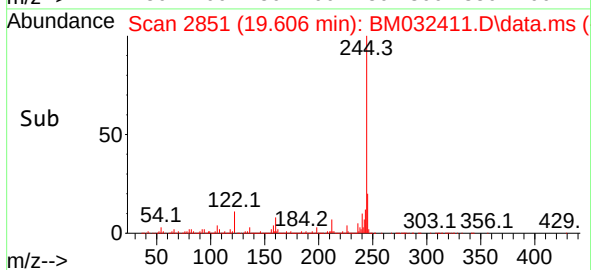
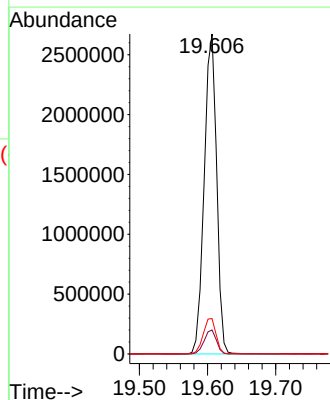
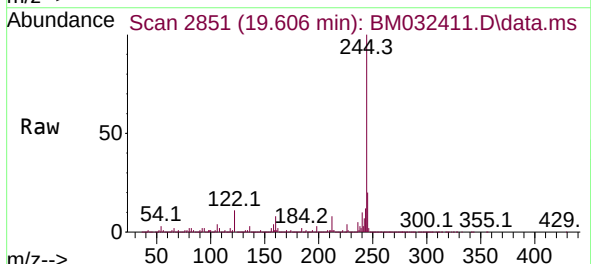
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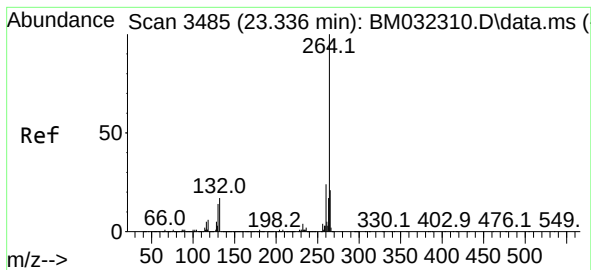
Tgt Ion:240 Resp: 1120856
Ion Ratio Lower Upper
240 100
120 10.8 7.8 11.6
236 25.4 20.9 31.3



#79
Terphenyl-d14
Concen: 63.615 ng
RT: 19.606 min Scan# 2851
Delta R.T. 0.000 min
Lab File: BM032411.D
Acq: 09 Oct 2021 02:00

Tgt Ion:244 Resp: 3385687
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 11.1 8.7 13.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.294 min Scan# 3478
 Delta R.T. -0.006 min
 Lab File: BM032411.D
 Acq: 09 Oct 2021 02:00

Instrument :
 BNA_M
 ClientSampleId :
 SB-3(3.0-3.5)

Tgt Ion:264 Resp: 1094298
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.3 28.9
 265 21.8 18.3 27.5

