

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110121\
 Data File : BM032840.D
 Acq On : 01 Nov 2021 19:39
 Operator : CG/JU
 Sample : PB140347BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB140347BL

Quant Time: Nov 02 00:07:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 01 18:47:37 2021
 Response via : Initial Calibration

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

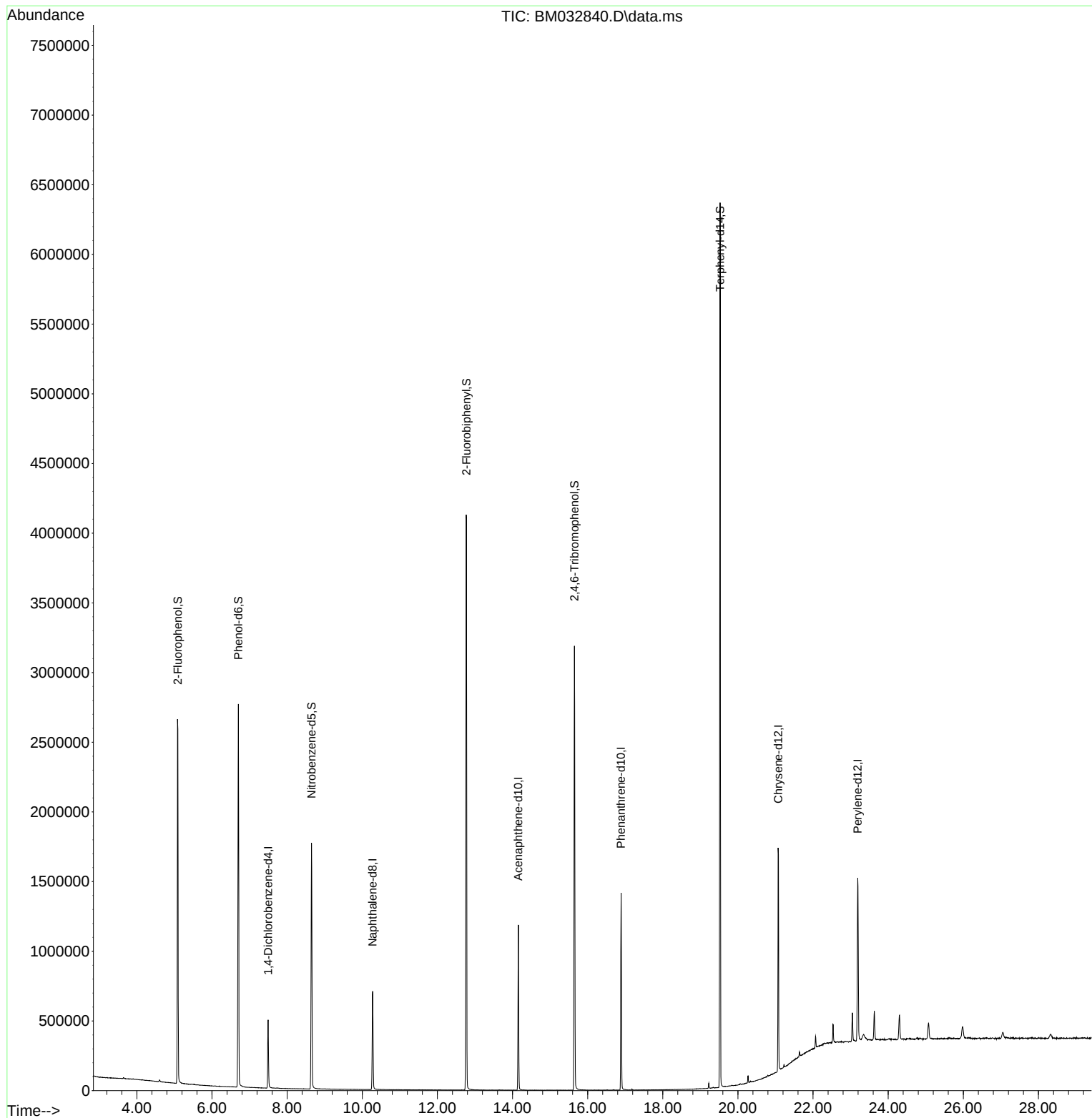
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.495	152	129081	20.000	ng	0.00
21) Naphthalene-d8	10.278	136	559454	20.000	ng	# 0.00
39) Acenaphthene-d10	14.154	164	374028	20.000	ng	0.00
64) Phenanthrene-d10	16.889	188	788702	20.000	ng	0.00
76) Chrysene-d12	21.071	240	741749	20.000	ng	#-0.01
86) Perylene-d12	23.188	264	728357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.090	112	1040737	147.640	ng	0.00
7) Phenol-d6	6.701	99	1469167	132.742	ng	0.00
23) Nitrobenzene-d5	8.648	82	950834	87.359	ng	0.00
42) 2,4,6-Tribromophenol	15.648	330	494188	122.085	ng	0.00
45) 2-Fluorobiphenyl	12.771	172	2112316	86.245	ng	0.00
79) Terphenyl-d14	19.524	244	2893282	80.555	ng	0.00
Target Compounds						
9) Benzaldehyde	6.654	77	190	Below Cal	#	7

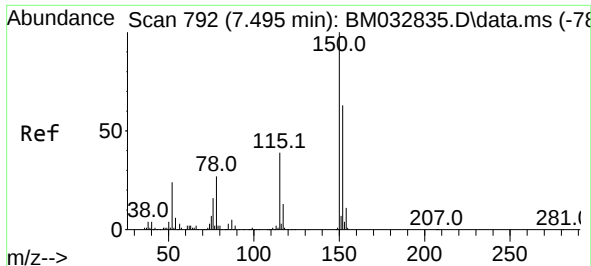
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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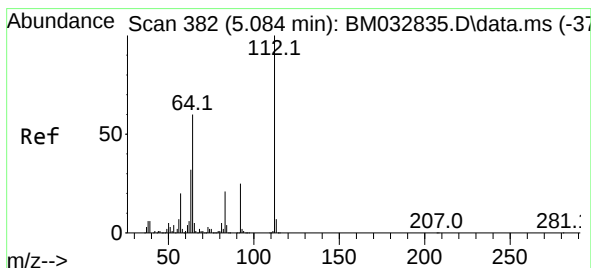
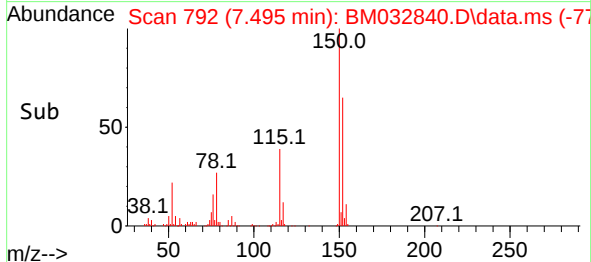
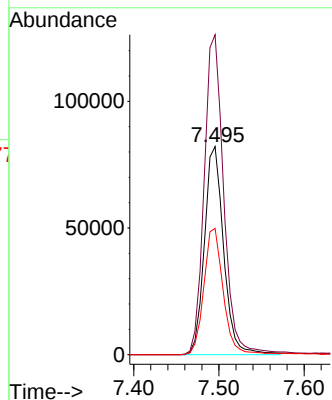
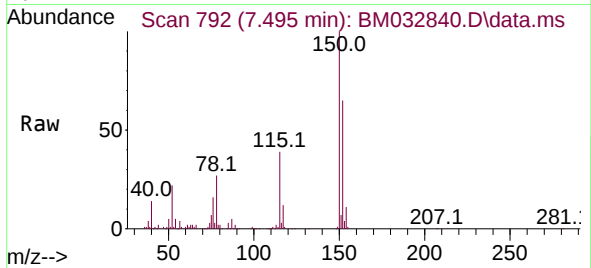




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.495 min Scan# 792
Delta R.T. 0.000 min
Lab File: BM032840.D
Acq: 01 Nov 2021 19:39

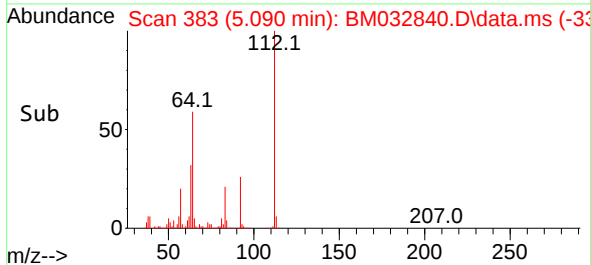
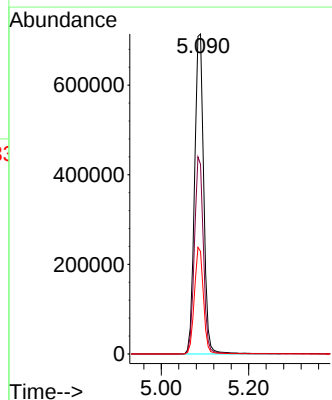
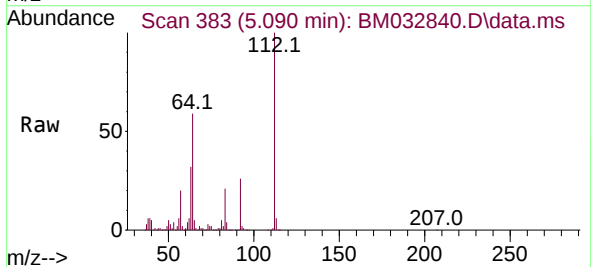
Instrument :
BNA_M
ClientSampleId :
PB140347BL

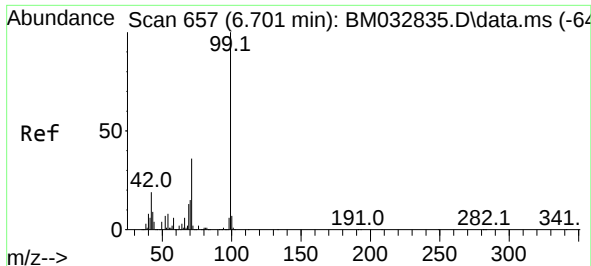
Tgt Ion:152 Resp: 129081
Ion Ratio Lower Upper
152 100
150 153.7 122.4 183.6
115 60.6 53.8 80.8



#5
2-Fluorophenol
Concen: 147.640 ng
RT: 5.090 min Scan# 383
Delta R.T. 0.006 min
Lab File: BM032840.D
Acq: 01 Nov 2021 19:39

Tgt Ion:112 Resp: 1040737
Ion Ratio Lower Upper
112 100
64 59.3 53.7 80.5
63 32.1 33.9 50.9#

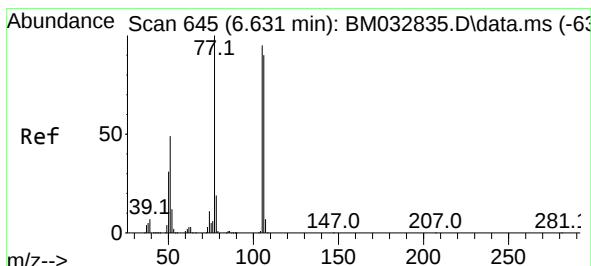
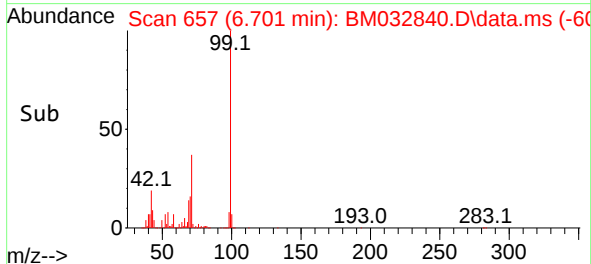
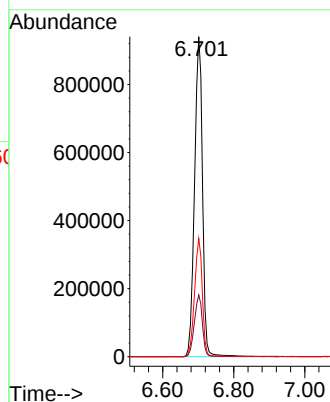
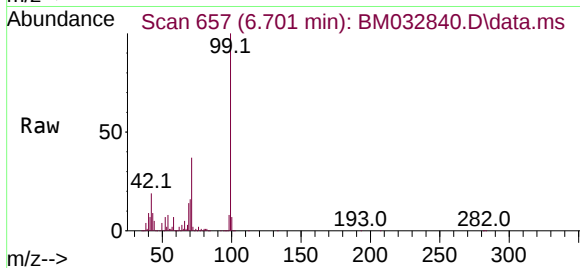




#7
Phenol-d6
Concen: 132.742 ng
RT: 6.701 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM032840.D
Acq: 01 Nov 2021 19:39

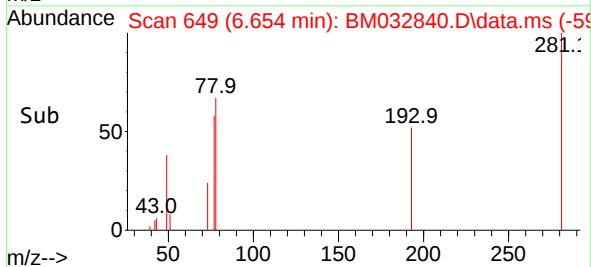
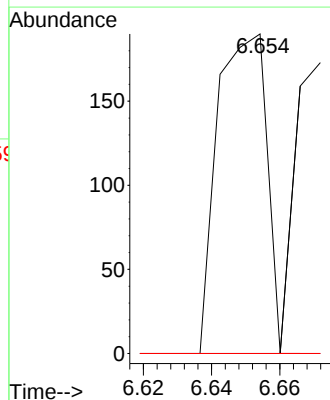
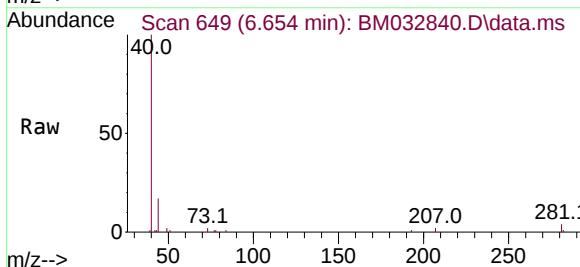
Instrument :
BNA_M
ClientSampleId :
PB140347BL

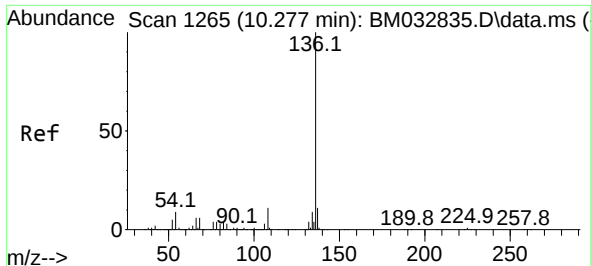
Tgt Ion: 99 Resp: 1469167
Ion Ratio Lower Upper
99 100
42 19.3 23.0 34.6#
71 36.9 37.8 56.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.654 min Scan# 649
Delta R.T. 0.023 min
Lab File: BM032840.D
Acq: 01 Nov 2021 19:39

Tgt Ion: 77 Resp: 190
Ion Ratio Lower Upper
77 100
105 0.0 68.9 108.9#
106 0.0 61.2 101.2#

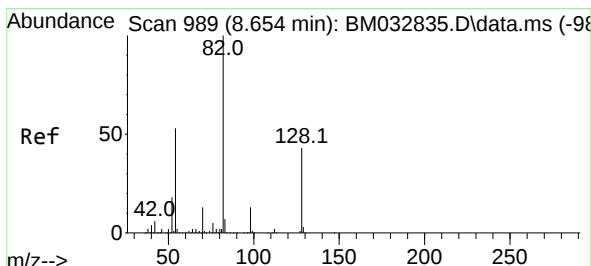
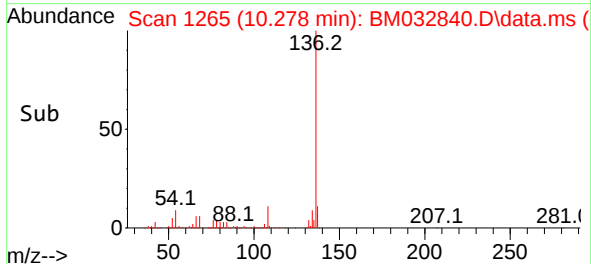
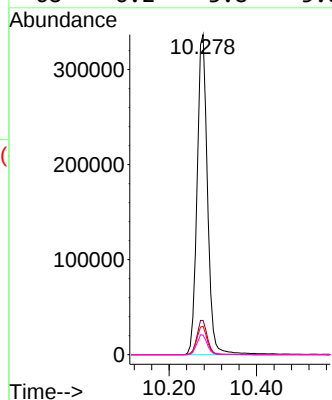
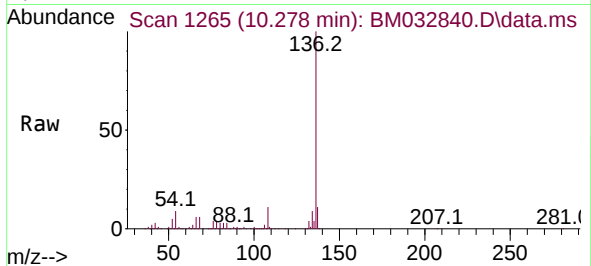




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.278 min Scan# 11
Delta R.T. 0.001 min
Lab File: BM032840.D
Acq: 01 Nov 2021 19:39

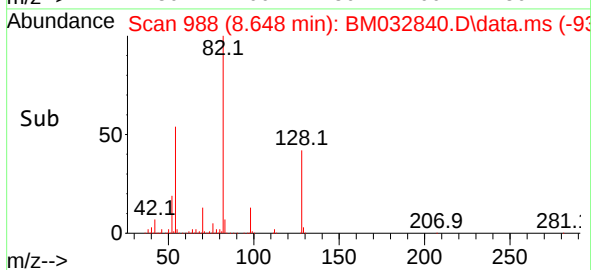
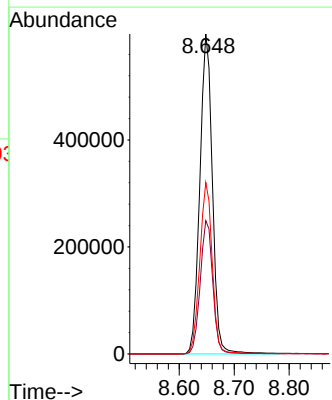
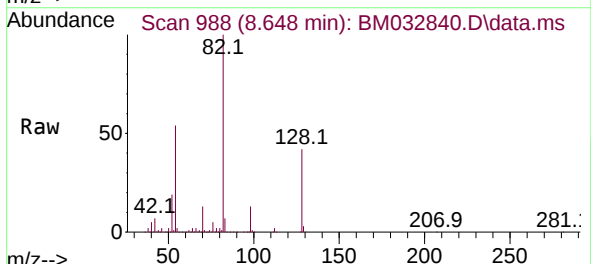
Instrument :
BNA_M
ClientSampleId :
PB140347BL

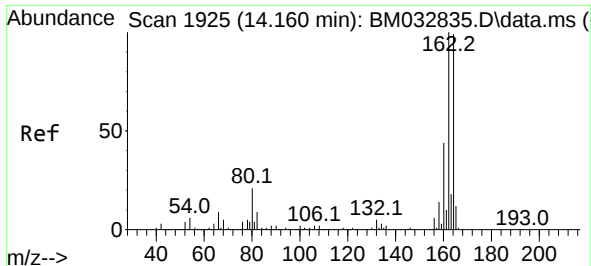
Tgt Ion:136 Resp: 559454
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.9 7.4 11.0
68 6.2 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 87.359 ng
RT: 8.648 min Scan# 988
Delta R.T. -0.006 min
Lab File: BM032840.D
Acq: 01 Nov 2021 19:39

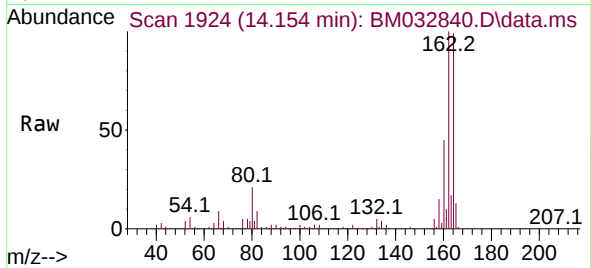
Tgt Ion: 82 Resp: 950834
Ion Ratio Lower Upper
82 100
128 41.7 29.0 43.6
54 53.6 45.8 68.8



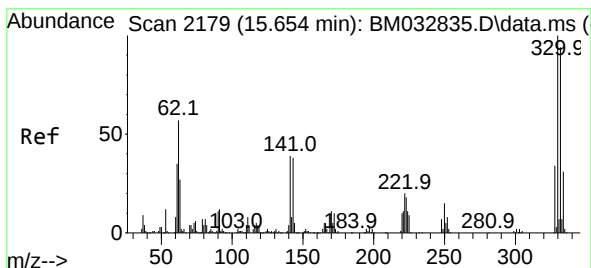
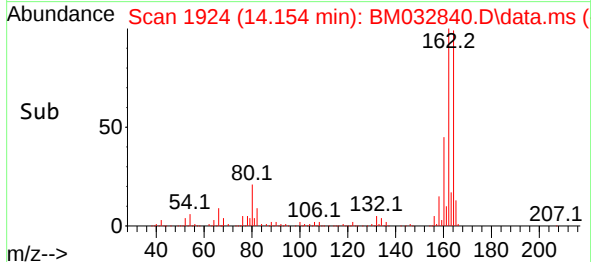
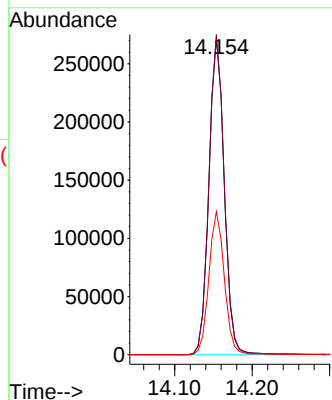


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.154 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BM032840.D
Acq: 01 Nov 2021 19:39

Instrument :
BNA_M
ClientSampleId :
PB140347BL

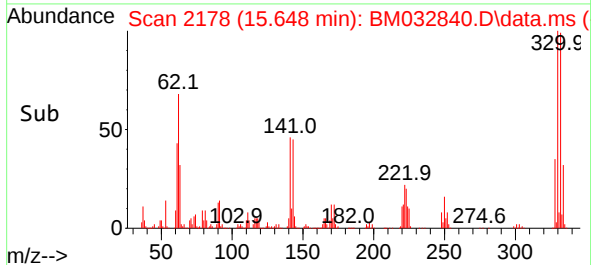
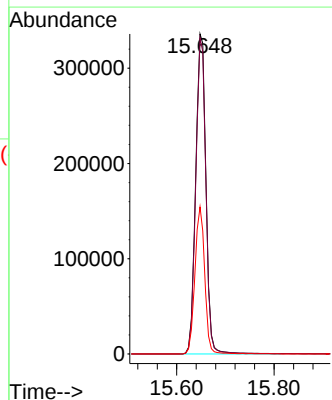
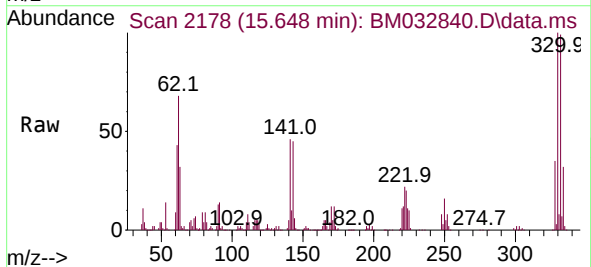


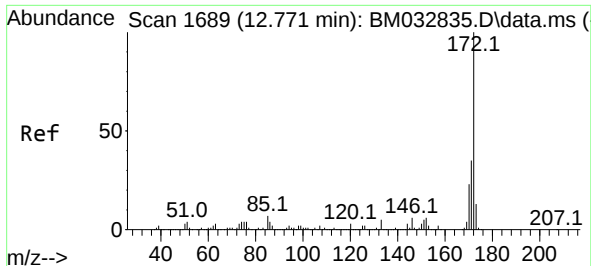
Tgt Ion:164 Resp: 374028
Ion Ratio Lower Upper
164 100
162 101.2 80.6 121.0
160 45.3 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 122.085 ng
RT: 15.648 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BM032840.D
Acq: 01 Nov 2021 19:39

Tgt Ion:330 Resp: 494188
Ion Ratio Lower Upper
330 100
332 97.3 75.7 113.5
141 44.1 50.7 76.1#

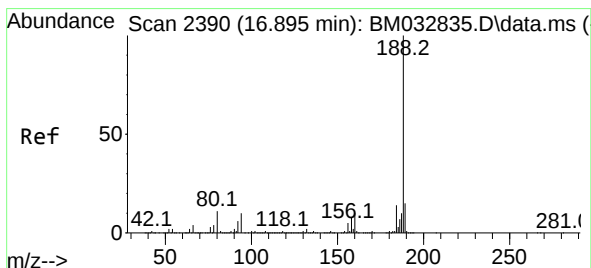
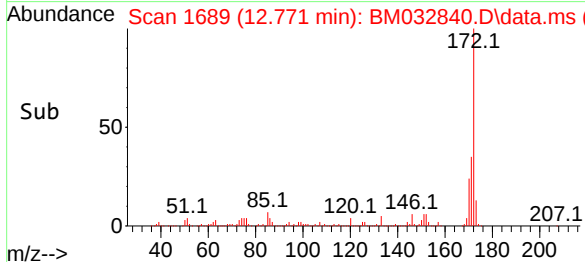
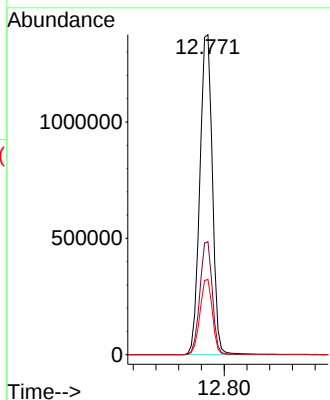
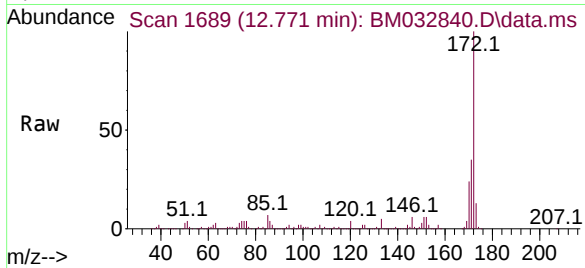




#45
2-Fluorobiphenyl
Concen: 86.245 ng
RT: 12.771 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM032840.D
Acq: 01 Nov 2021 19:39

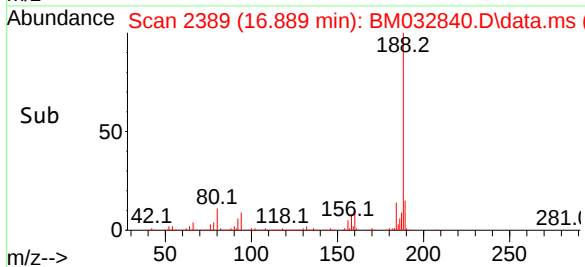
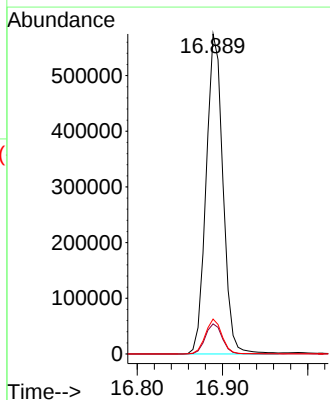
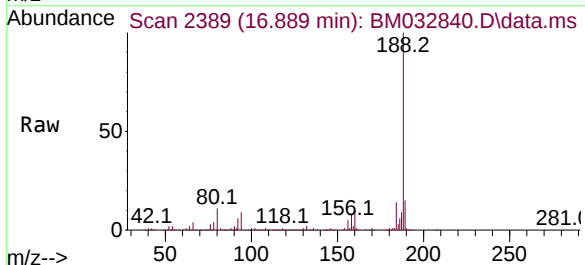
Instrument :
BNA_M
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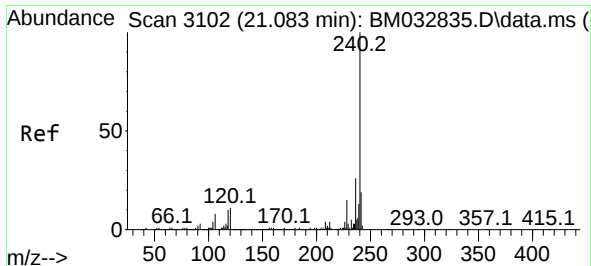
Tgt Ion:172 Resp: 2112316
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.5 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BM032840.D
Acq: 01 Nov 2021 19:39

Tgt Ion:188 Resp: 788702
Ion Ratio Lower Upper
188 100
94 9.4 6.3 9.5
80 10.9 7.3 10.9

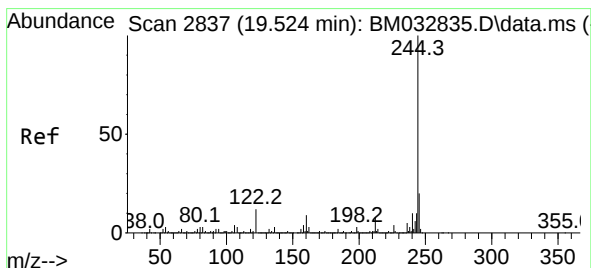
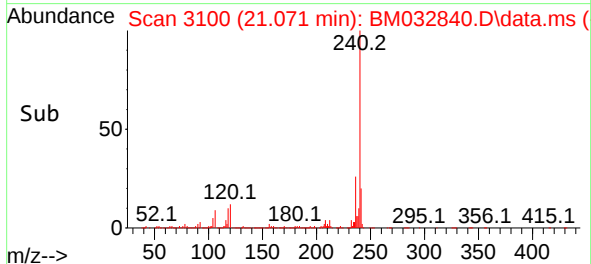
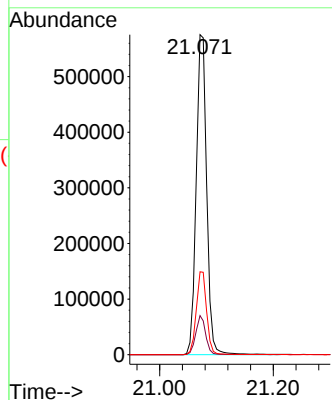
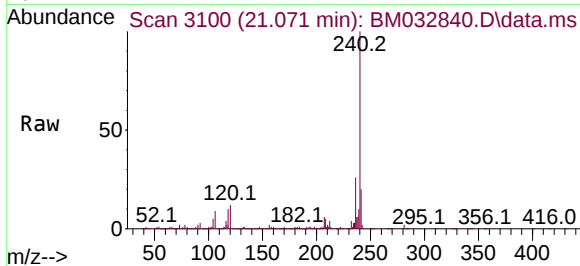




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.071 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BM032840.D
Acq: 01 Nov 2021 19:39

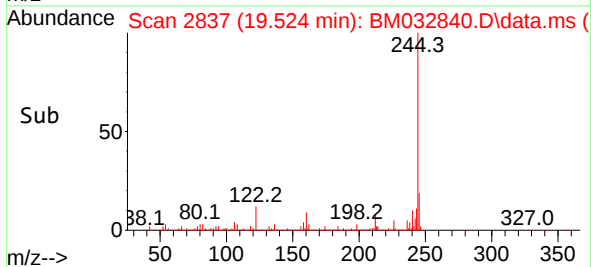
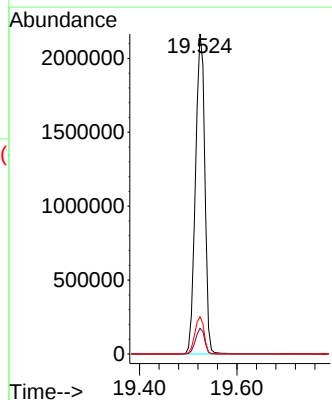
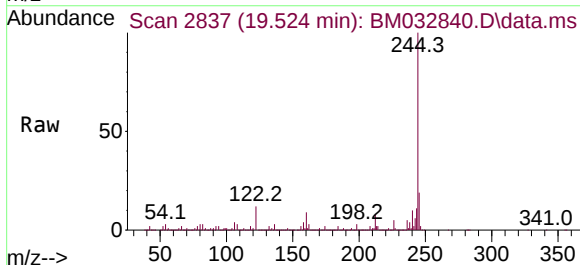
Instrument :
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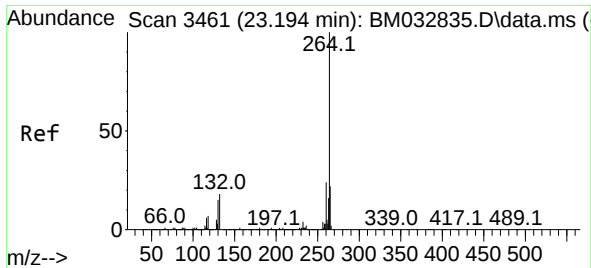
Tgt Ion:240 Resp: 741749
Ion Ratio Lower Upper
240 100
120 12.2 7.8 11.6#
236 25.9 20.9 31.3



#79
Terphenyl-d14
Concen: 80.555 ng
RT: 19.524 min Scan# 2837
Delta R.T. 0.000 min
Lab File: BM032840.D
Acq: 01 Nov 2021 19:39

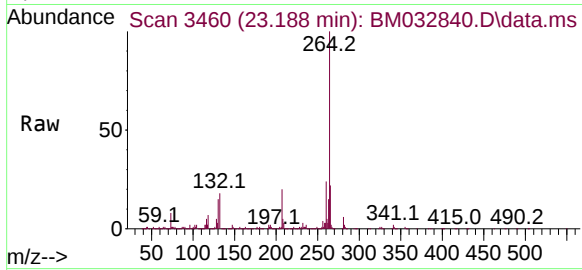
Tgt Ion:244 Resp: 2893282
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 11.7 8.7 13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.188 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM032840.D
Acq: 01 Nov 2021 19:39

Instrument :
BNA_M
ClientSampleId :
PB140347BL



Tgt Ion:264 Resp: 728357

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	22.0	18.3	27.5

